

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071819.D
 Acq On : 02 Apr 2022 23:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 04 01:12:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	579160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	933698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	837241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	330275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	337692	51.074	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.140%			
35) Dibromofluoromethane	8.022	113	278358	50.663	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.320%			
50) Toluene-d8	10.439	98	1126671	50.128	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.260%			
62) 4-Bromofluorobenzene	12.727	95	359687	49.482	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	203800	44.262	ug/l	99
3) Chloromethane	2.299	50	253019	43.366	ug/l	98
4) Vinyl Chloride	2.446	62	275326	42.971	ug/l	99
5) Bromomethane	2.834	94	144289	34.642	ug/l	93
6) Chloroethane	3.004	64	184058	39.931	ug/l	96
7) Trichlorofluoromethane	3.369	101	368701	45.229	ug/l	100
8) Diethyl Ether	3.828	74	167765	48.697	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	224016	44.593	ug/l	99
10) Methyl Iodide	4.422	142	243391	34.660	ug/l	100
11) Tert butyl alcohol	5.363	59	279402	260.397	ug/l	99
12) 1,1-Dichloroethene	4.187	96	221021	46.235	ug/l	98
13) Acrolein	4.040	56	381974	291.964	ug/l	99
14) Allyl chloride	4.845	41	370671	47.773	ug/l	95
15) Acrylonitrile	5.551	53	812802	260.613	ug/l	100
16) Acetone	4.281	43	630696	223.205	ug/l	96
17) Carbon Disulfide	4.534	76	456641	41.633	ug/l	100
18) Methyl Acetate	4.857	43	348151	49.748	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	900103	50.683	ug/l	99
20) Methylene Chloride	5.093	84	276890	46.491	ug/l	96
21) trans-1,2-Dichloroethene	5.598	96	237175	45.195	ug/l	95
22) Diisopropyl ether	6.492	45	860535	50.945	ug/l	98
23) Vinyl Acetate	6.428	43	3595224	267.655	ug/l	100
24) 1,1-Dichloroethane	6.387	63	484669	48.877	ug/l	99
25) 2-Butanone	7.328	43	1041375	255.646	ug/l	100
26) 2,2-Dichloropropane	7.322	77	325176	38.173	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	309750	48.133	ug/l	97
28) Bromochloromethane	7.657	49	203895	50.973	ug/l	100
29) Tetrahydrofuran	7.681	42	687615	260.693	ug/l	99
30) Chloroform	7.816	83	498724	47.631	ug/l	100
31) Cyclohexane	8.092	56	395259	43.959	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	425621	47.516	ug/l	97
36) 1,1-Dichloropropene	8.222	75	349690	45.577	ug/l	99
37) Ethyl Acetate	7.410	43	415634	49.493	ug/l	99
38) Carbon Tetrachloride	8.204	117	345103	45.894	ug/l	96
39) Methylcyclohexane	9.457	83	415194	45.460	ug/l	99
40) Benzene	8.457	78	1142783	47.150	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	217195	52.821	ug/l	91
42) 1,2-Dichloroethane	8.528	62	387188	46.181	ug/l	98
43) Isopropyl Acetate	8.557	43	647034	46.322	ug/l	99
44) Trichloroethene	9.210	130	289035	46.288	ug/l	98
45) 1,2-Dichloropropane	9.486	63	295229	48.759	ug/l	98
46) Dibromomethane	9.575	93	192346	46.787	ug/l	99
47) Bromodichloromethane	9.757	83	392786	48.537	ug/l	100
48) Methyl methacrylate	9.557	41	289018	49.872	ug/l	95
49) 1,4-Dioxane	9.563	88	130542	948.803	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2123047	264.358	ug/l	99
52) Toluene	10.504	92	749448	48.916	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	414939	48.923	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	456153	48.676	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	303462	48.126	ug/l	98
56) Ethyl methacrylate	10.757	69	478943	53.244	ug/l	96
57) 1,3-Dichloropropane	11.039	76	511372	48.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	526260	194.103	ug/l	98
59) 2-Hexanone	11.080	43	1494185	264.261	ug/l	98
60) Dibromochloromethane	11.233	129	311924	50.734	ug/l	100
61) 1,2-Dibromoethane	11.339	107	306859	49.439	ug/l	99
64) Tetrachloroethene	10.975	164	252508	45.673	ug/l	98
65) Chlorobenzene	11.769	112	787325	46.963	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	293691	48.549	ug/l	99
67) Ethyl Benzene	11.839	91	1406806	49.570	ug/l	99
68) m/p-Xylenes	11.951	106	1091509	100.099	ug/l	100
69) o-Xylene	12.274	106	536522	49.571	ug/l	100
70) Styrene	12.292	104	842883	51.399	ug/l	100
71) Bromoform	12.451	173	230189	49.967	ug/l #	100
73) Isopropylbenzene	12.574	105	1368728	49.179	ug/l	100
74) N-amyl acetate	12.386	43	430531	53.990	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	445628	47.989	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	332945m	43.516	ug/l	
77) Bromobenzene	12.857	156	321990	46.151	ug/l	99
78) n-propylbenzene	12.916	91	1448818	49.488	ug/l	100
79) 2-Chlorotoluene	13.004	91	902811	48.085	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1108258	50.259	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	111618	45.209	ug/l	99
82) 4-Chlorotoluene	13.098	91	843106	48.446	ug/l	100
83) tert-Butylbenzene	13.321	119	989931	49.111	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1111554	51.664	ug/l	99
85) sec-Butylbenzene	13.498	105	1302794	49.858	ug/l	100
86) p-Isopropyltoluene	13.610	119	1061790	50.963	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	523607	47.108	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	505163	46.585	ug/l	99
89) n-Butylbenzene	13.939	91	771899	49.952	ug/l	100
90) Hexachloroethane	14.210	117	179467	47.056	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	518428	47.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74369	51.631	ug/l	98
93) 1,2,4-Trichlorobenzene	15.262	180	240789	45.984	ug/l	99
94) Hexachlorobutadiene	15.362	225	137085	42.595	ug/l	99
95) Naphthalene	15.504	128	811439	53.652	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	241362	47.527	ug/l	100

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VSTDCCC050EC

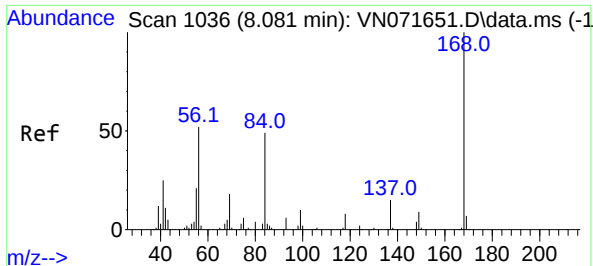
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

Quant Time: Apr 04 01:12:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

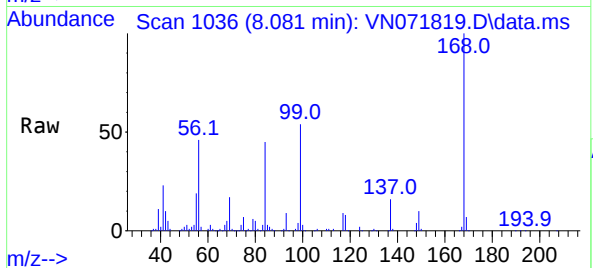
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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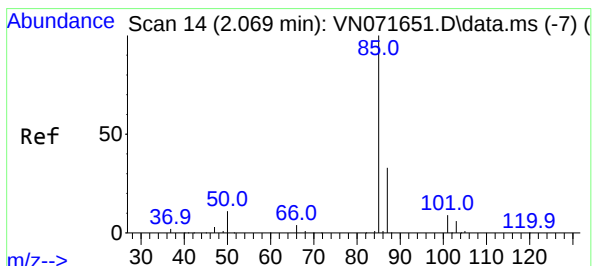
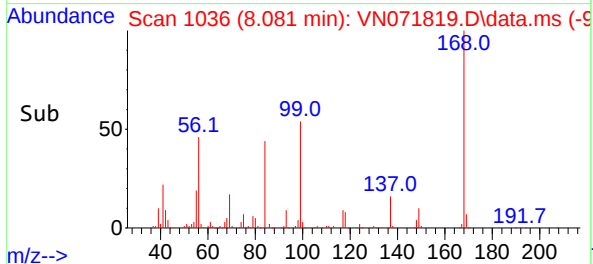
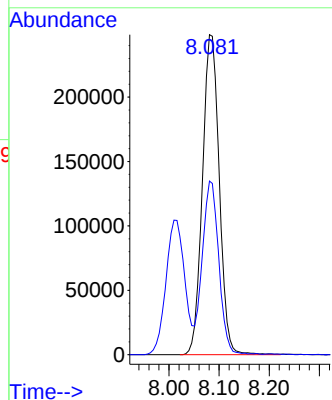
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 579160
Ion Ratio Lower Upper
168 100
99 54.1 42.3 63.5

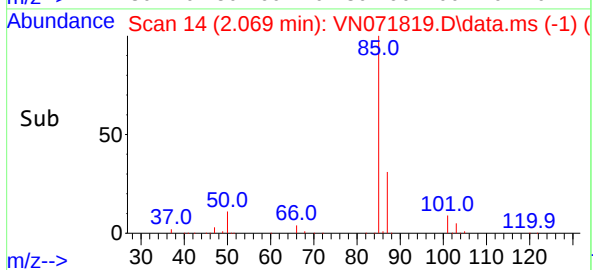
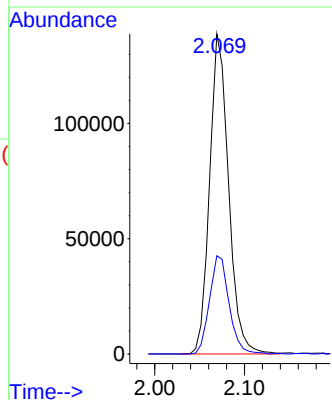
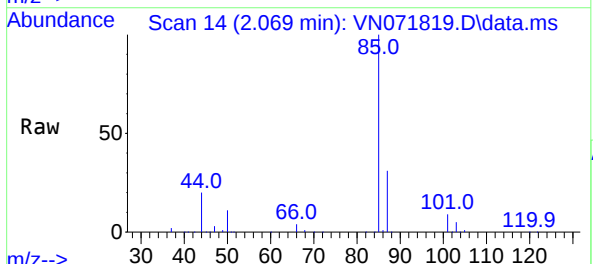
Manual Integrations
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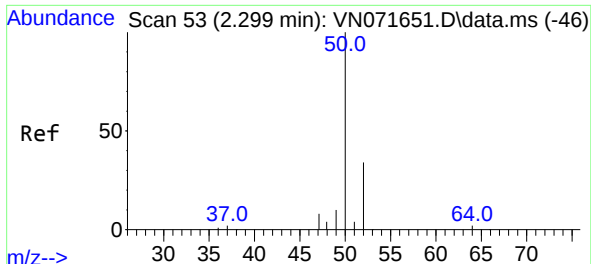
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



Dichlorodifluoromethane
Concen: 44.262 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

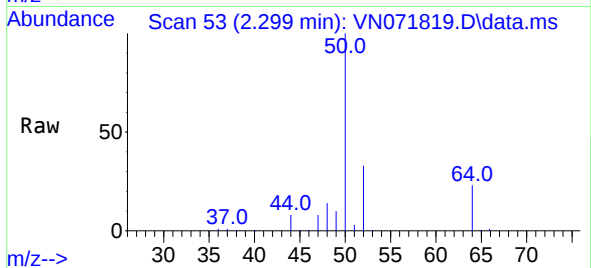
Tgt Ion: 85 Resp: 203800
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.1





#3
Chloromethane
Concen: 43.366 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

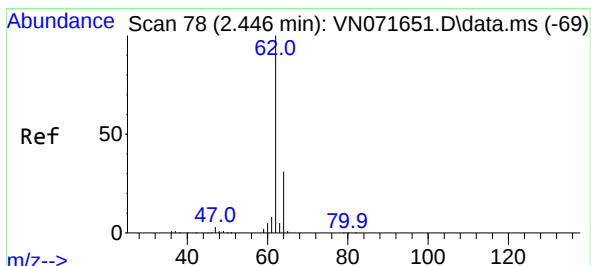
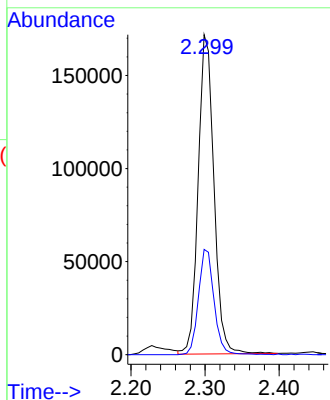
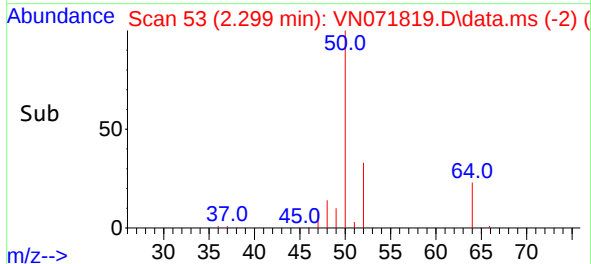
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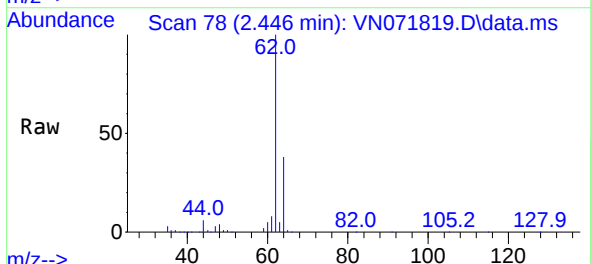
Tgt Ion: 50 Resp: 253019
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5

Manual Integrations
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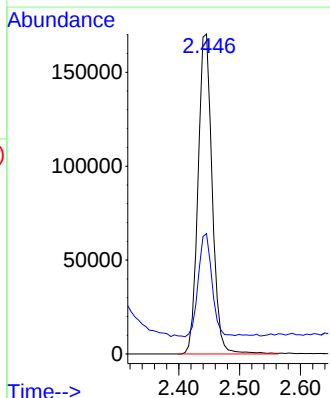
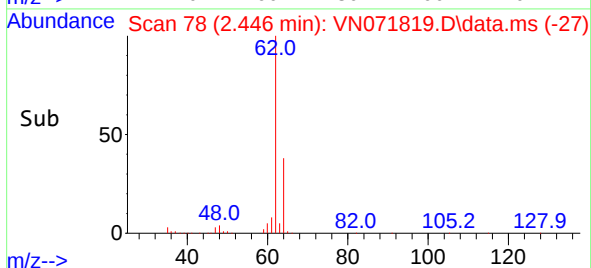
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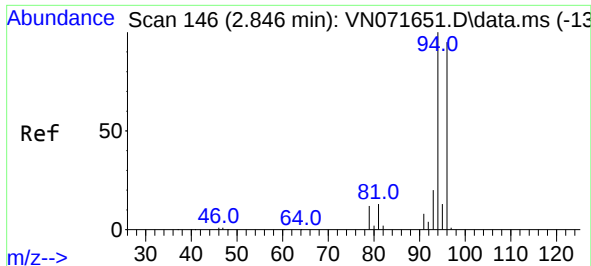


#4
Vinyl Chloride
Concen: 42.971 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071819.D
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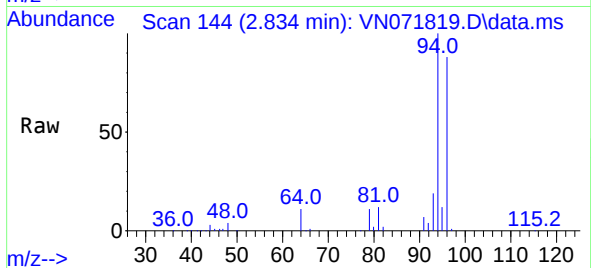
Tgt Ion: 62 Resp: 275326
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.4





#5
Bromomethane
Concen: 34.642 ug/l
RT: 2.834 min Scan# 146
Delta R.T. -0.012 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

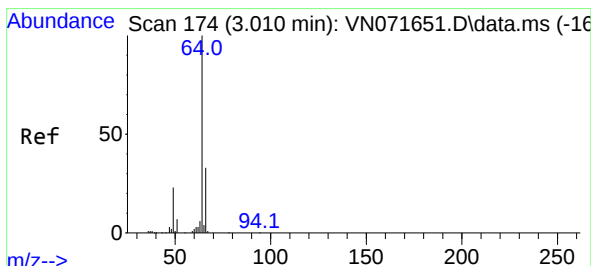
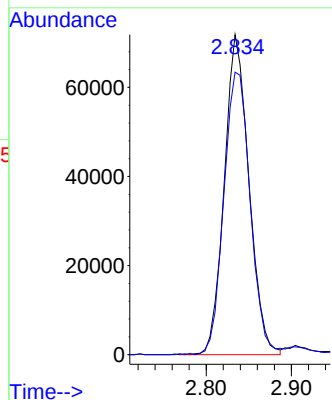
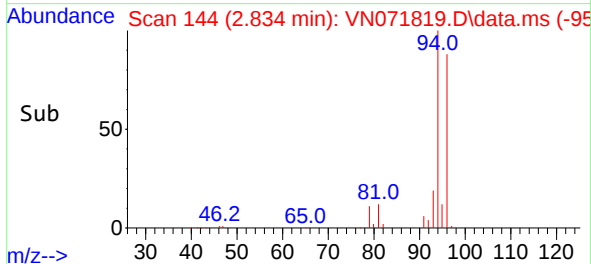
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Tgt Ion: 94 Resp: 144289
Ion Ratio Lower Upper
94 100
96 88.0 76.0 114.0

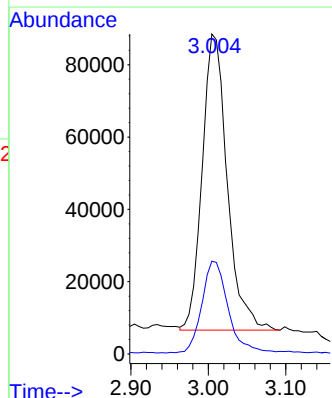
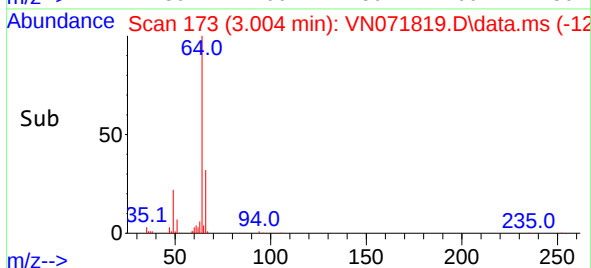
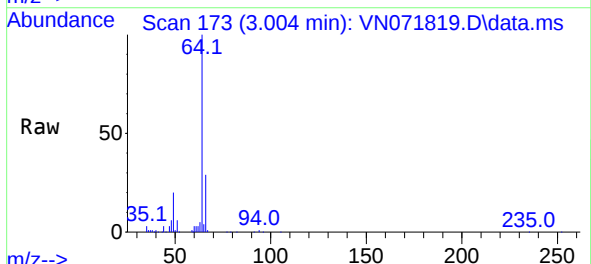
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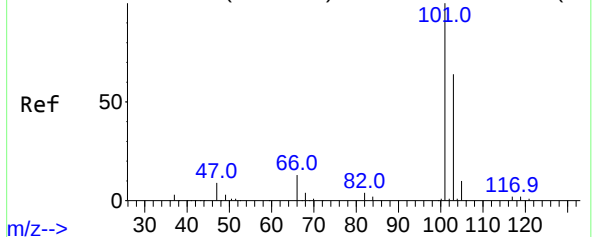


#6
Chloroethane
Concen: 39.931 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Tgt Ion: 64 Resp: 184058
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 45.229 ug/l

RT: 3.369 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071819.D

Acq: 02 Apr 2022 23:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 36870

Ion Ratio Lower Upper

101 100

103 64.7 51.5 77.3

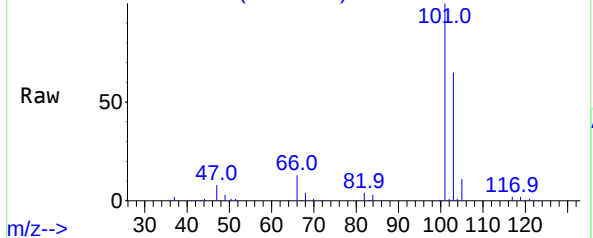
Manual Integrations

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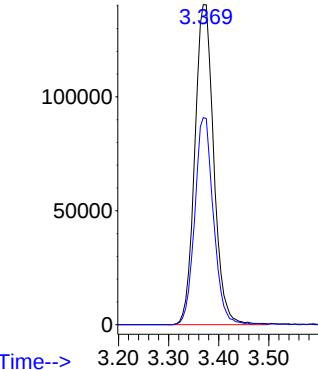
Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022

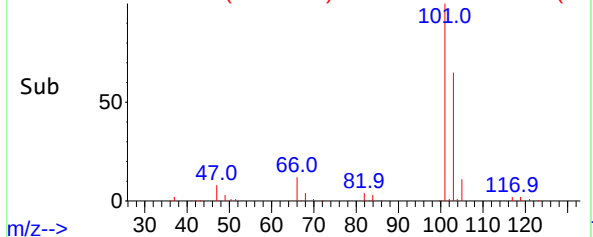
Abundance Scan 235 (3.369 min): VN071819.D\data.ms



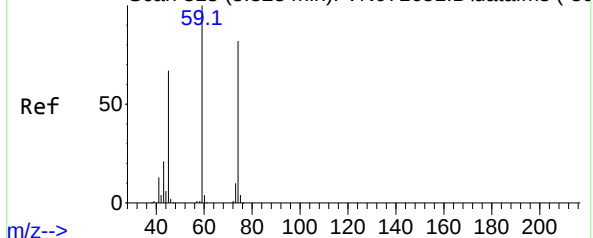
Abundance



Abundance Scan 235 (3.369 min): VN071819.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN071651.D\data.ms (-30



#8

Diethyl Ether

Concen: 48.697 ug/l

RT: 3.828 min Scan# 313

Delta R.T. -0.000 min

Lab File: VN071819.D

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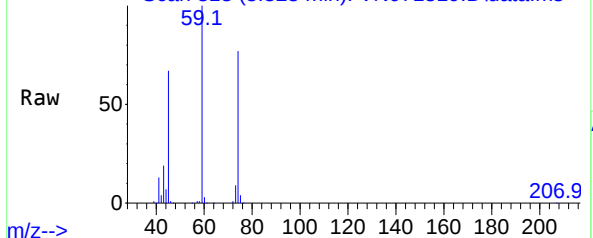
Tgt Ion: 74 Resp: 167765

Ion Ratio Lower Upper

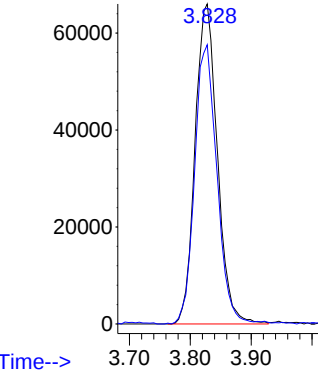
74 100

45 87.3 42.9 128.5

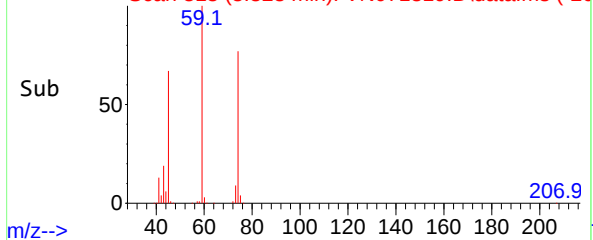
Abundance Scan 313 (3.828 min): VN071819.D\data.ms

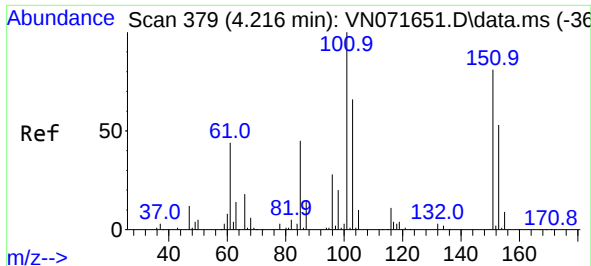


Abundance



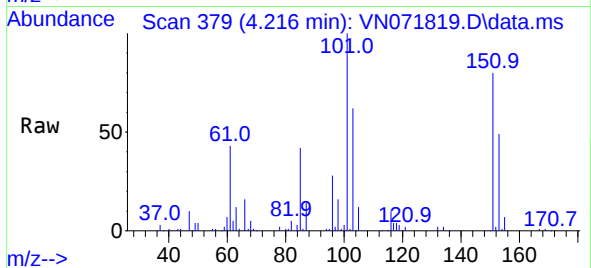
Abundance Scan 313 (3.828 min): VN071819.D\data.ms (-26





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.593 ug/l
RT: 4.216 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

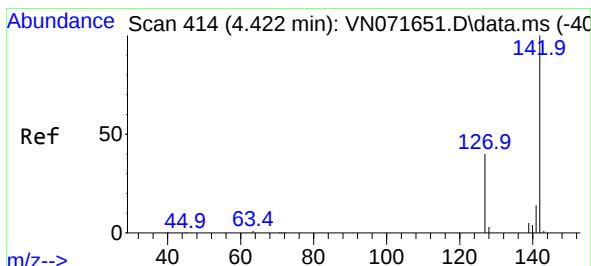
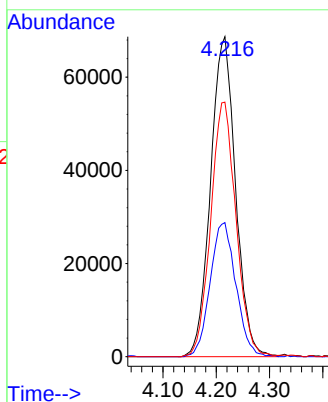
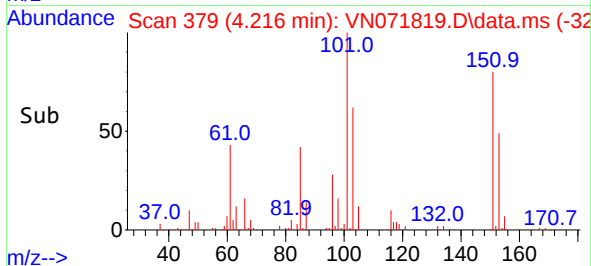
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



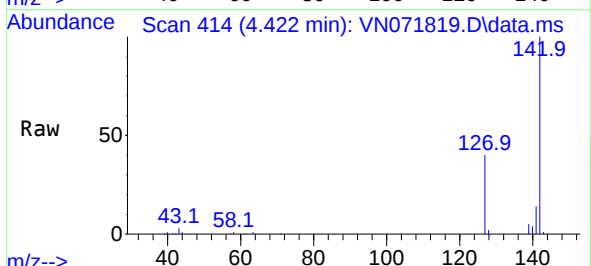
Tgt Ion:101 Resp: 224010
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 80.5 63.0 94.4

Manual Integrations
APPROVED

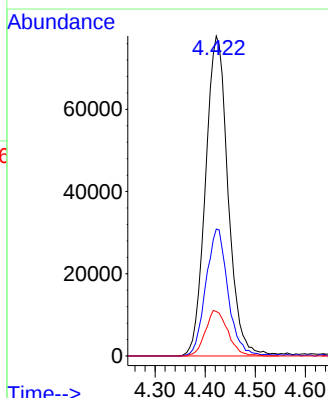
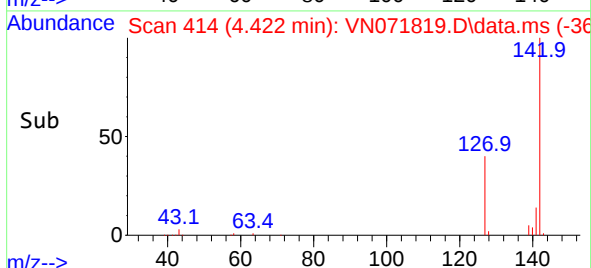
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

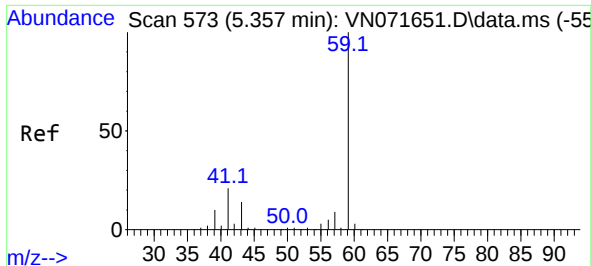


#10
Methyl Iodide
Concen: 34.660 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



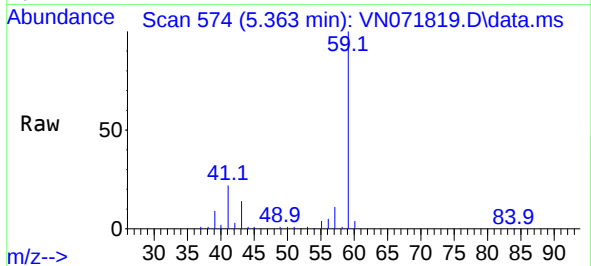
Tgt Ion:142 Resp: 243391
Ion Ratio Lower Upper
142 100
127 39.0 31.3 46.9
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 260.397 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

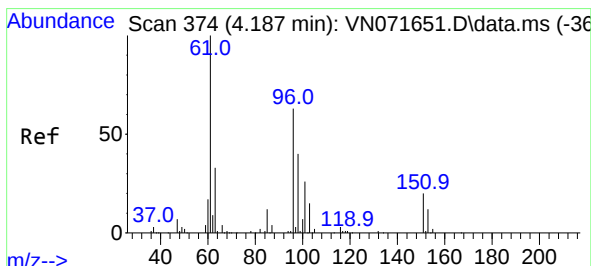
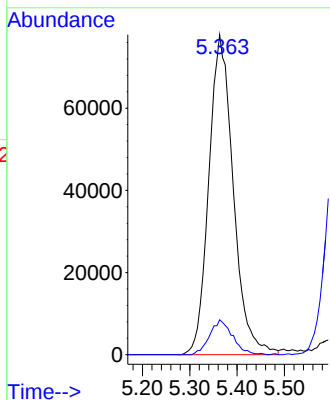
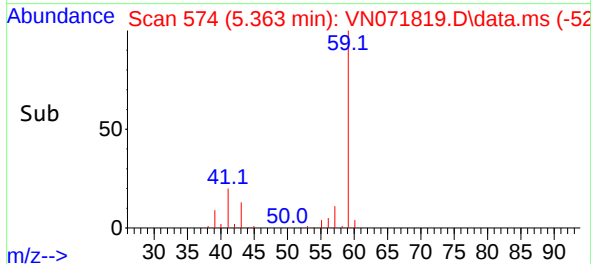
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



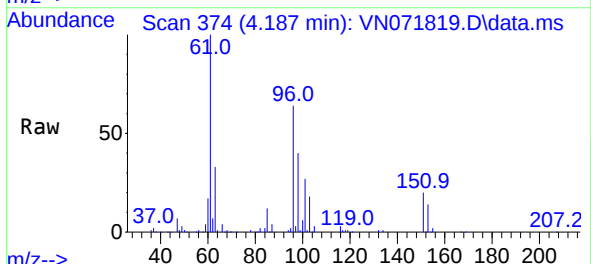
Tgt Ion: 59 Resp: 27940
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

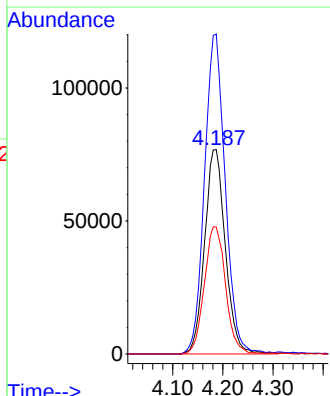
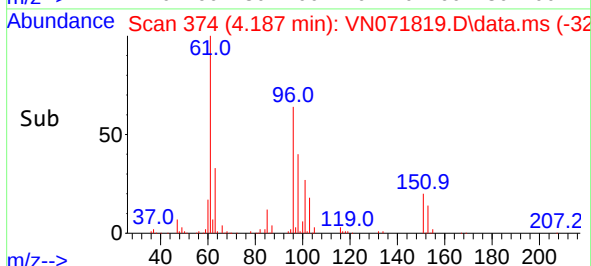
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

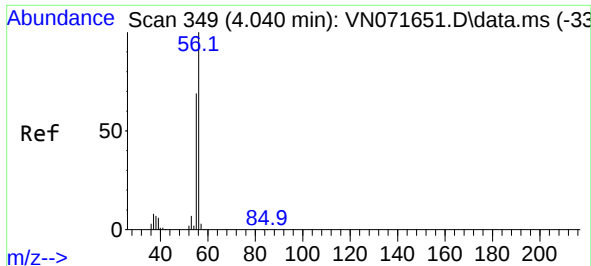


#12
1,1-Dichloroethene
Concen: 46.235 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



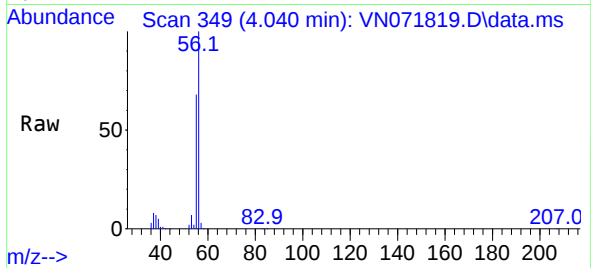
Tgt Ion: 96 Resp: 221021
Ion Ratio Lower Upper
96 100
61 156.6 127.6 191.4
98 62.2 51.2 76.8





#13
Acrolein
Concen: 291.964 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

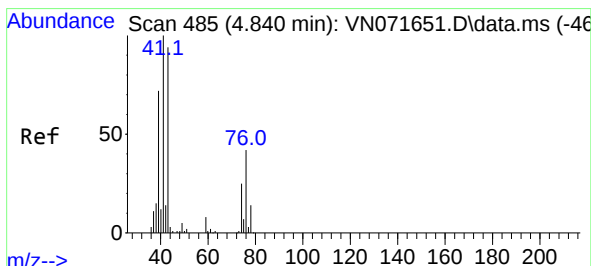
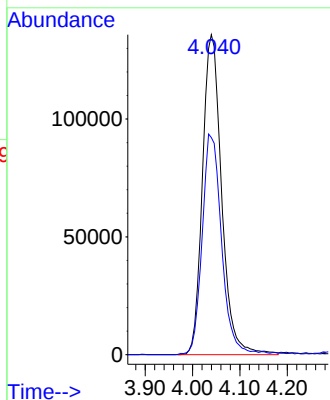
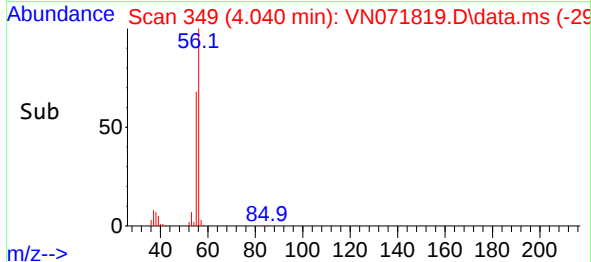
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



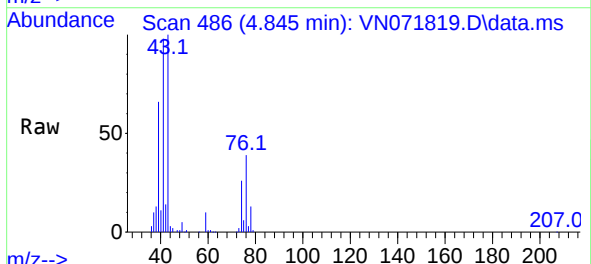
Tgt Ion: 56 Resp: 381974
Ion Ratio Lower Upper
56 100
55 69.5 54.8 82.2

Manual Integrations
APPROVED

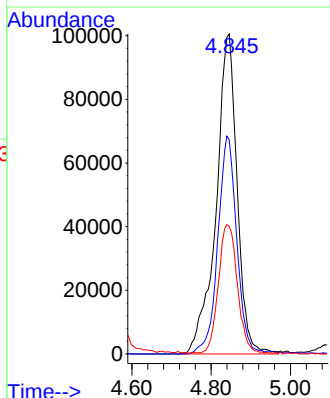
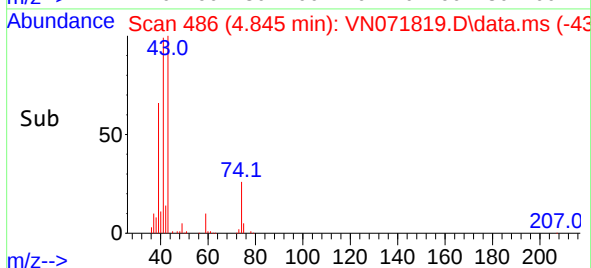
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

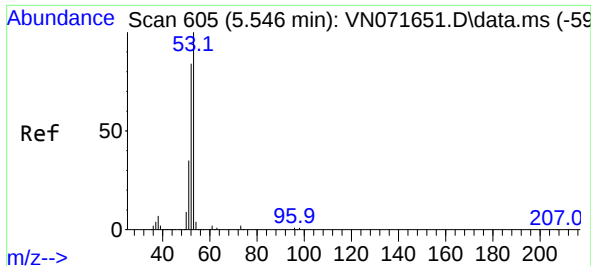


#14
Allyl chloride
Concen: 47.773 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.005 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



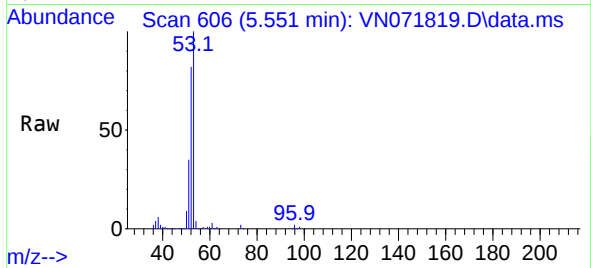
Tgt Ion: 41 Resp: 370671
Ion Ratio Lower Upper
41 100
39 61.1 53.2 79.8
76 36.1 29.9 44.9





#15
Acrylonitrile
Concen: 260.613 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

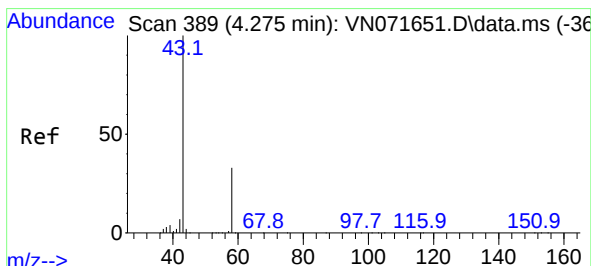
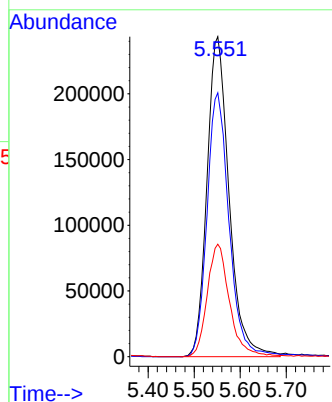
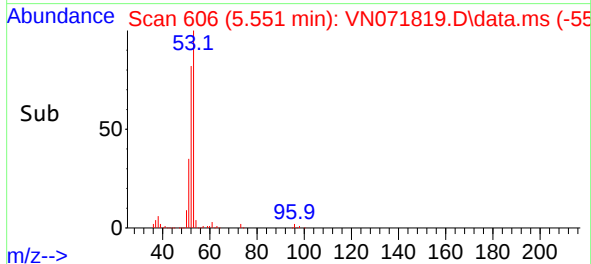
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 81280
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 35.6 28.5 42.7

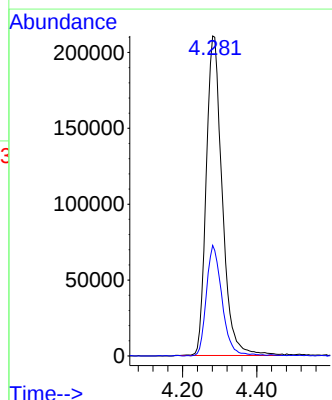
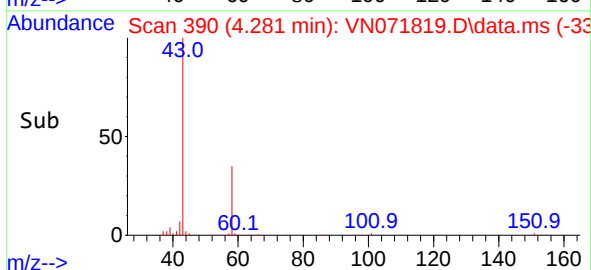
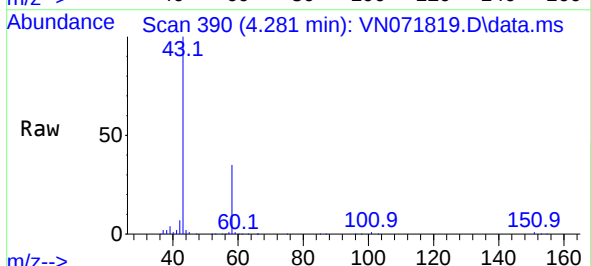
Manual Integrations
APPROVED

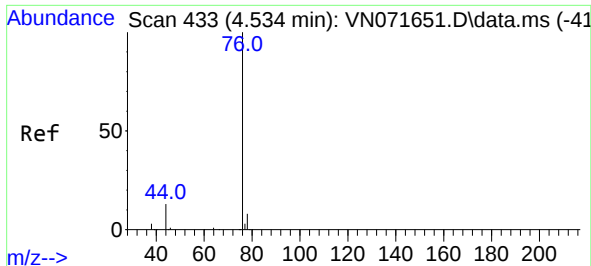
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#16
Acetone
Concen: 223.205 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

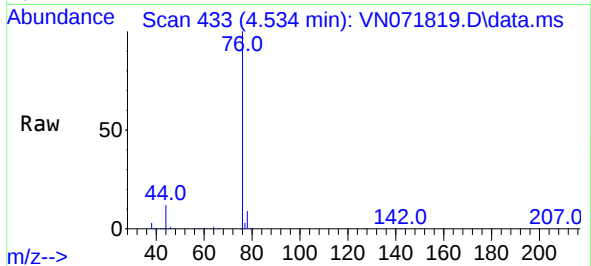
Tgt Ion: 43 Resp: 630696
Ion Ratio Lower Upper
43 100
58 34.5 26.0 39.0





#17
Carbon Disulfide
Concen: 41.633 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

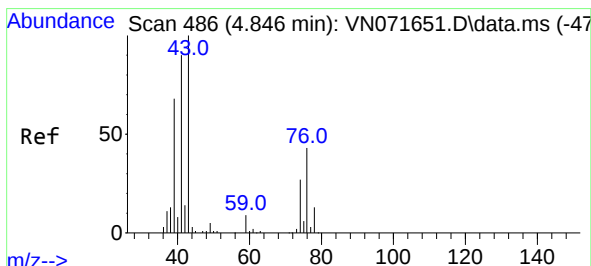
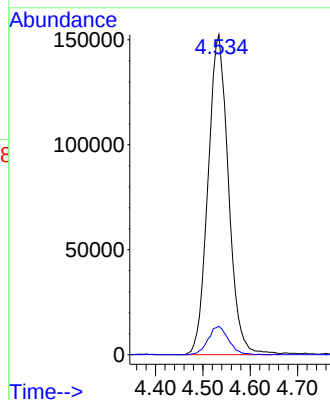
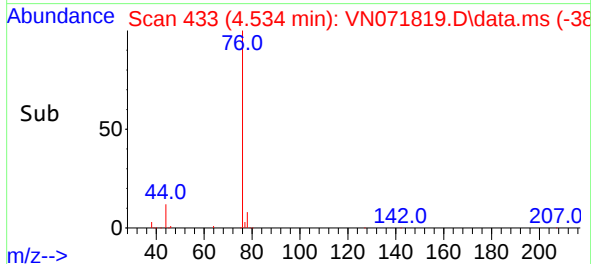
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



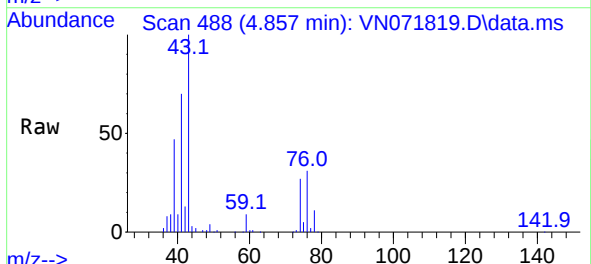
Tgt Ion: 76 Resp: 45664
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

Manual Integrations
APPROVED

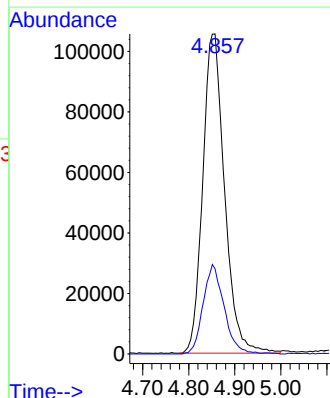
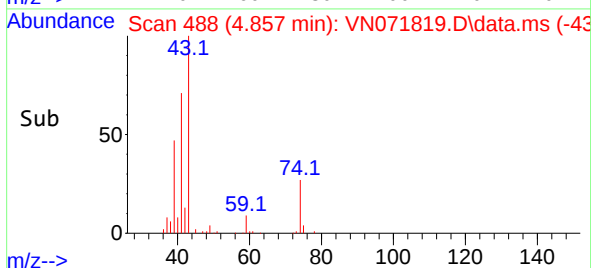
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

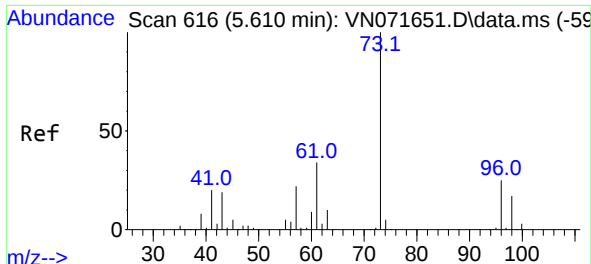


#18
Methyl Acetate
Concen: 49.748 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



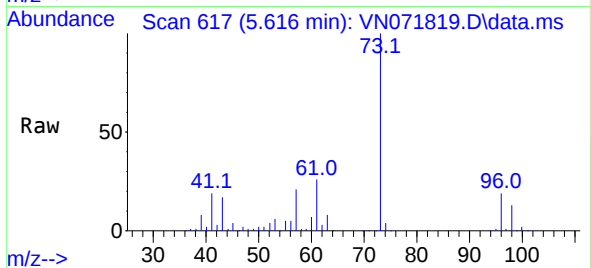
Tgt Ion: 43 Resp: 348151
Ion Ratio Lower Upper
43 100
74 26.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 50.683 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

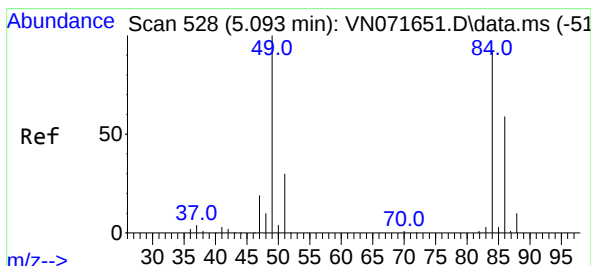
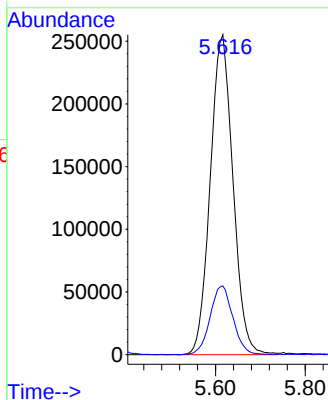
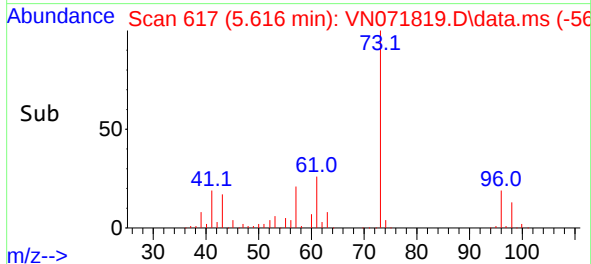
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



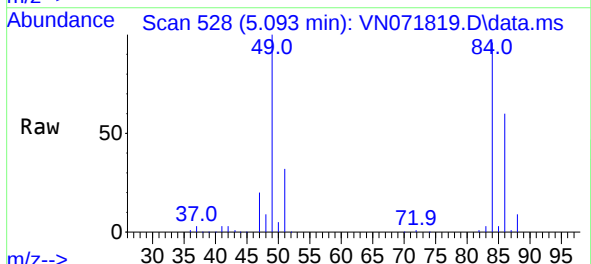
Tgt Ion: 73 Resp: 90010
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

Manual Integrations
APPROVED

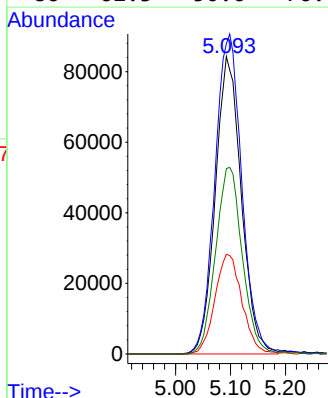
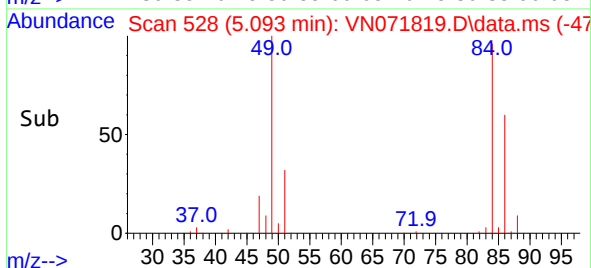
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

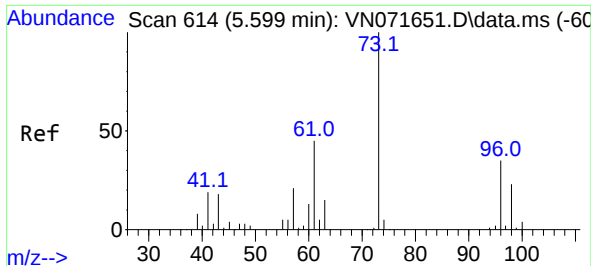


#20
Methylene Chloride
Concen: 46.491 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



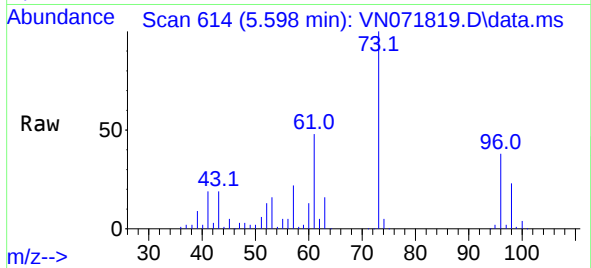
Tgt Ion: 84 Resp: 276890
Ion Ratio Lower Upper
84 100
49 104.3 88.3 132.5
51 33.5 28.2 42.2
86 62.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 45.195 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

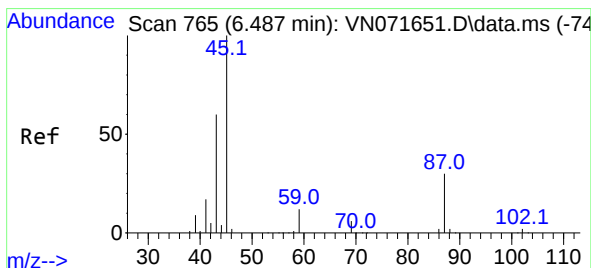
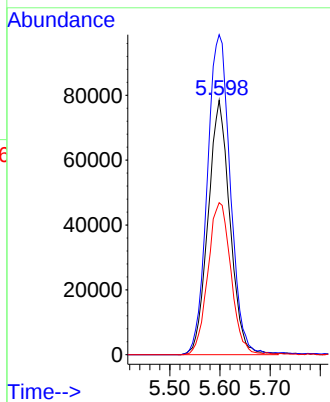
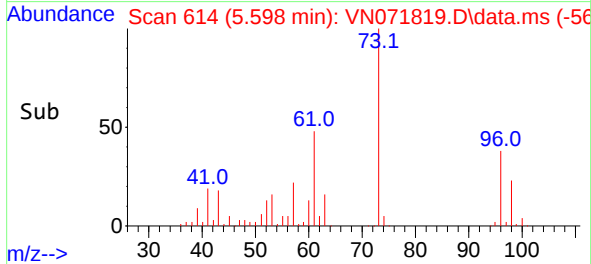
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



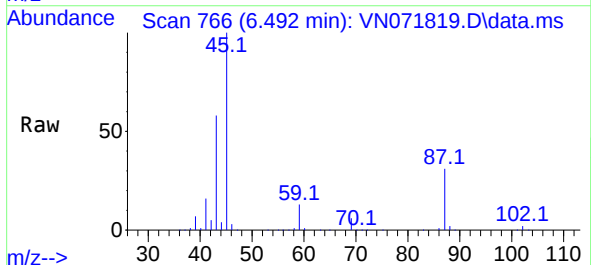
Tgt Ion: 96 Resp: 237175
Ion Ratio Lower Upper
96 100
61 125.8 105.8 158.8
98 59.8 50.3 75.5

Manual Integrations
APPROVED

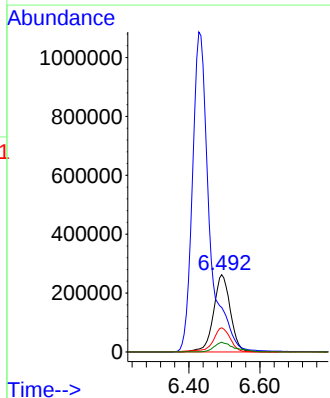
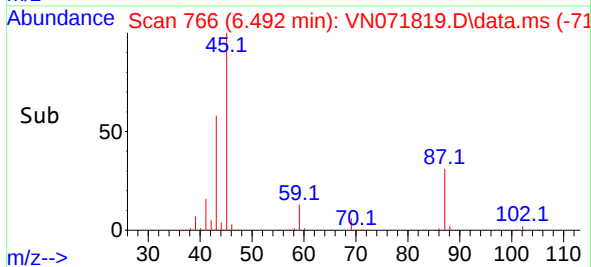
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

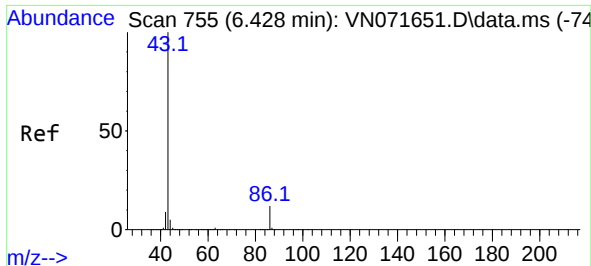


#22
Diisopropyl ether
Concen: 50.945 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



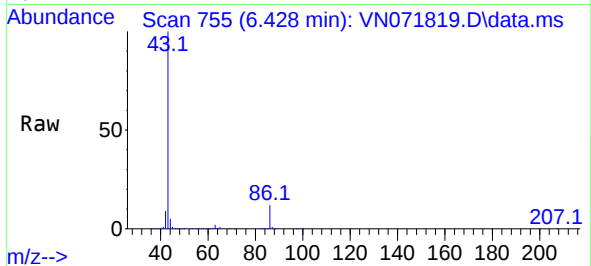
Tgt Ion: 45 Resp: 860535
Ion Ratio Lower Upper
45 100
43 56.5 46.6 70.0
87 31.2 24.3 36.5
59 12.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 267.655 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071819.D
 Acq: 02 Apr 2022 23:47

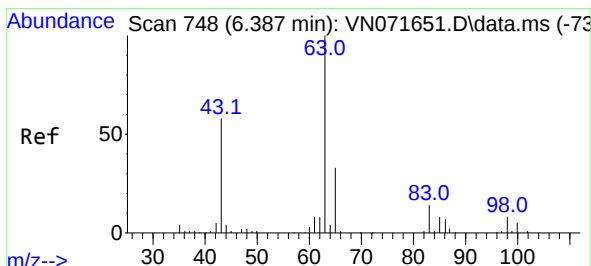
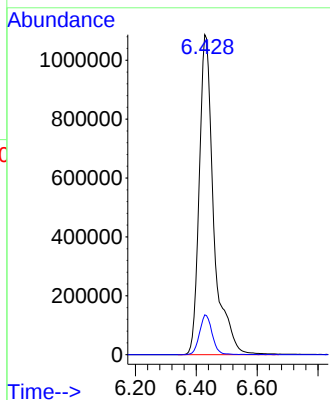
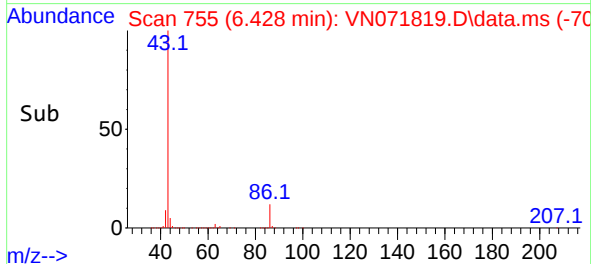
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



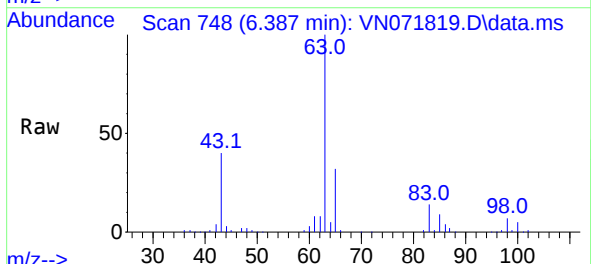
Tgt Ion: 43 Resp: 3595224
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.0 15.0

Manual Integrations
 APPROVED

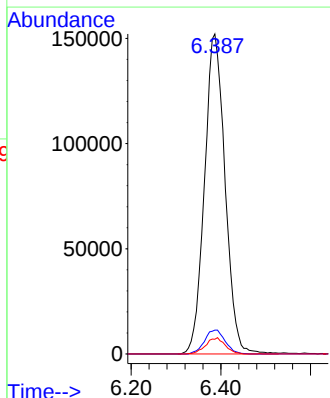
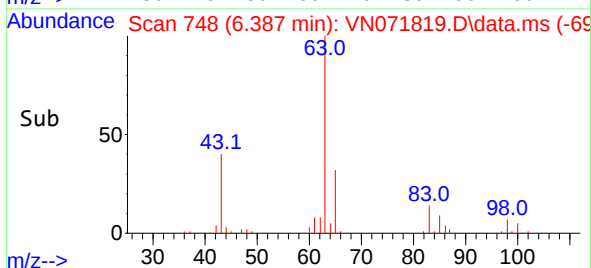
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

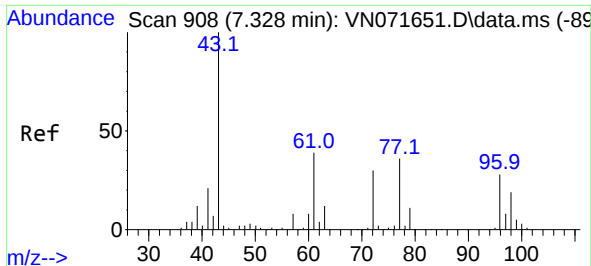


#24
 1,1-Dichloroethane
 Concen: 48.877 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071819.D
 Acq: 02 Apr 2022 23:47



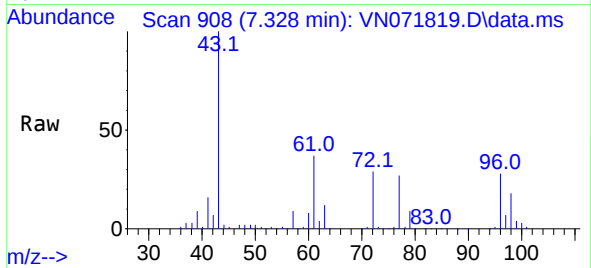
Tgt Ion: 63 Resp: 484669
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.6 2.3 6.8





#25
2-Butanone
Concen: 255.646 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

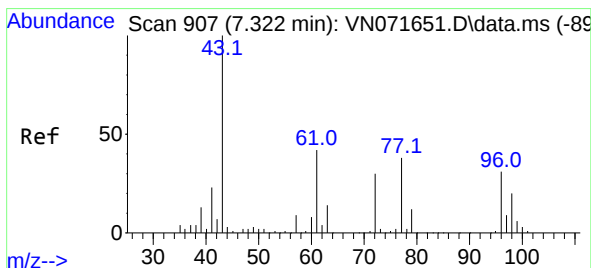
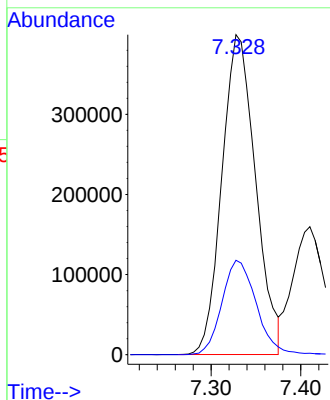
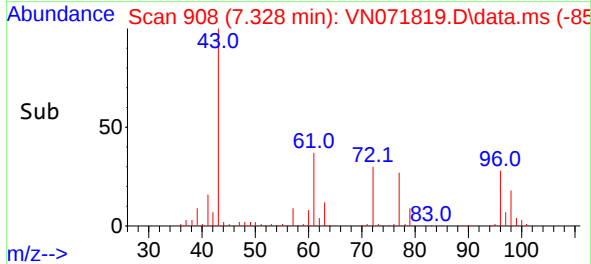
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



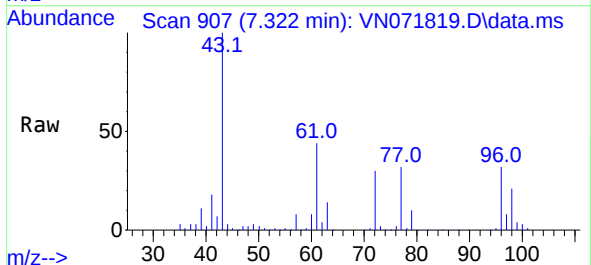
Tgt Ion: 43 Resp: 104137
Ion Ratio Lower Upper
43 100
72 29.5 23.7 35.5

Manual Integrations
APPROVED

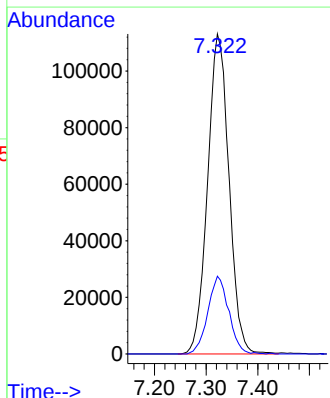
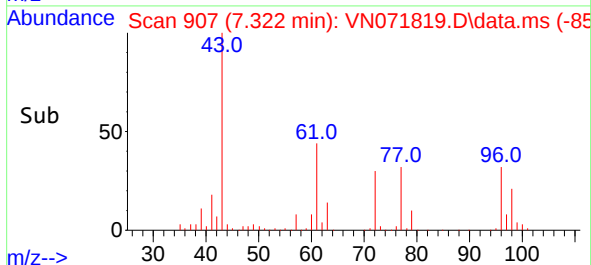
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

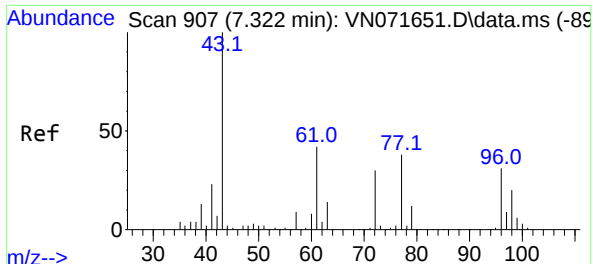


#26
2,2-Dichloropropane
Concen: 38.173 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



Tgt Ion: 77 Resp: 325176
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





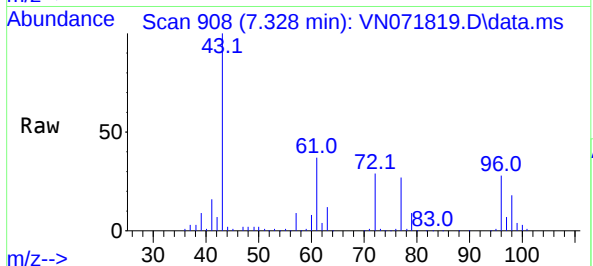
#27
cis-1,2-Dichloroethene
Concen: 48.133 ug/l
RT: 7.328 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



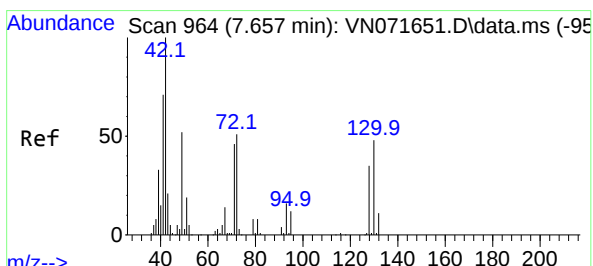
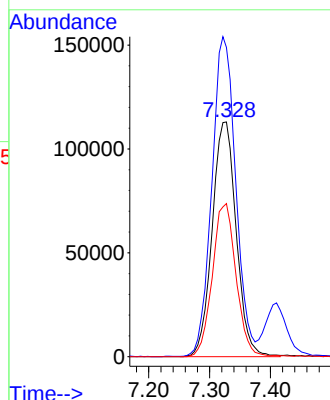
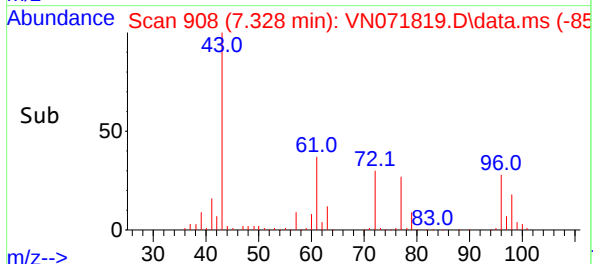
Tgt Ion: 96 Resp: 309750
Ion Ratio Lower Upper
96 100
61 135.1 0.0 280.6
98 64.0 0.0 128.4

Manual Integrations

APPROVED

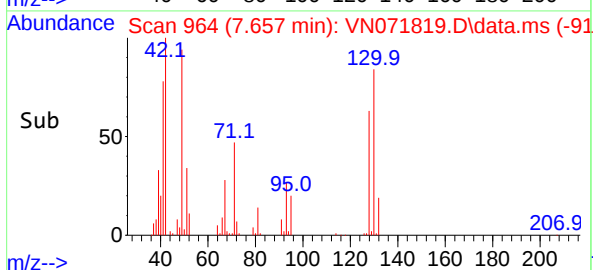
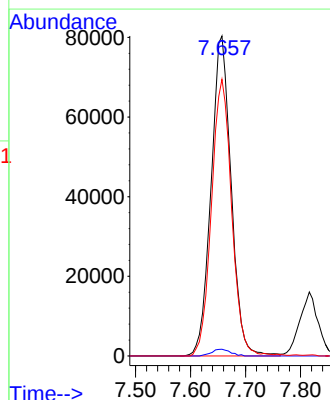
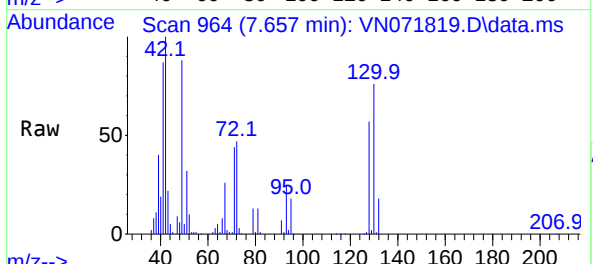
Reviewed By :John Carlone 04/04/2022

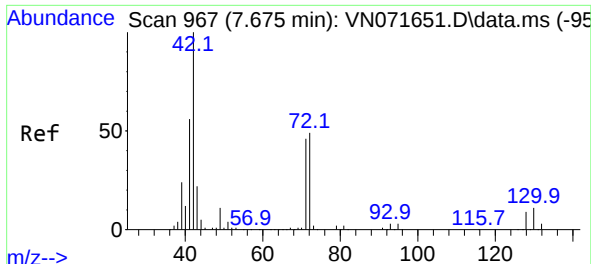
Supervised By :Mahesh Dadoda 04/05/2022



#28
Bromochloromethane
Concen: 50.973 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Tgt Ion: 49 Resp: 203895
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 87.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 260.693 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071819.D

Acq: 02 Apr 2022 23:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 68761

Ion Ratio Lower Upper

42 100

72 49.0 39.7 59.5

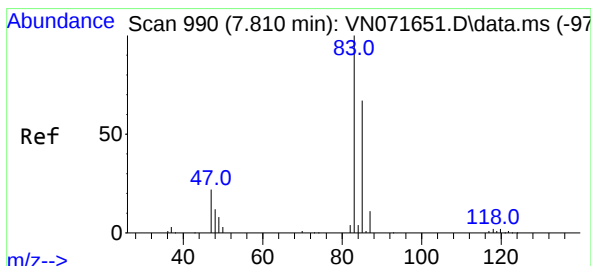
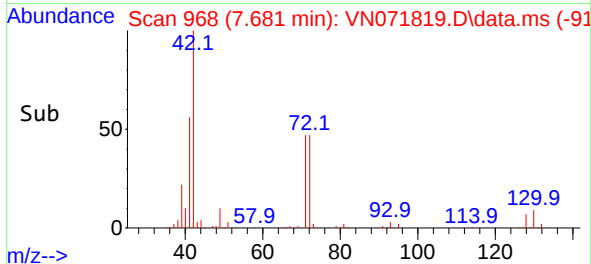
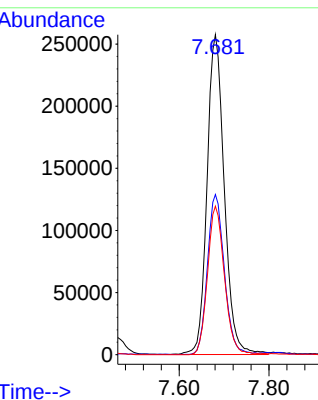
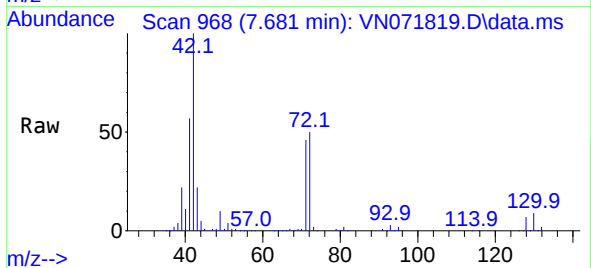
71 45.7 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#30

Chloroform

Concen: 47.631 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071819.D

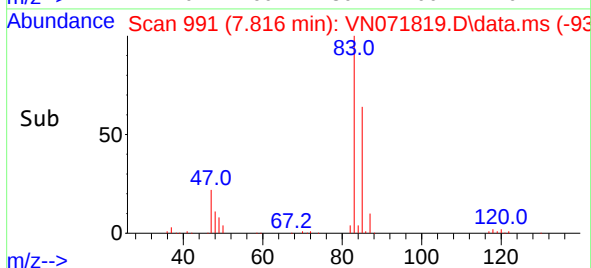
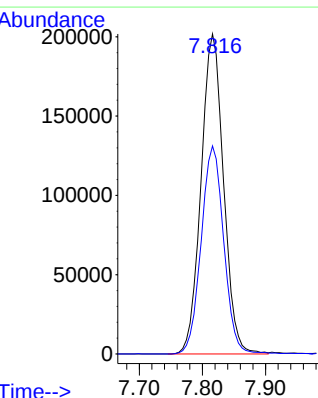
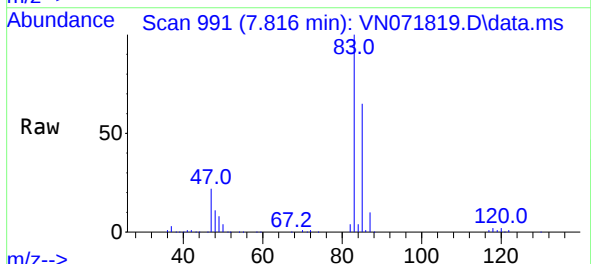
Acq: 02 Apr 2022 23:47

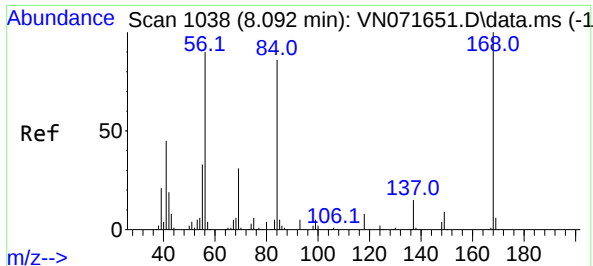
Tgt Ion: 83 Resp: 498724

Ion Ratio Lower Upper

83 100

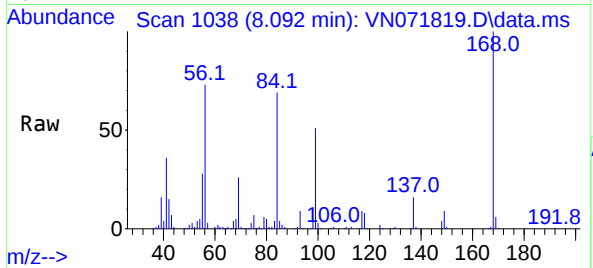
85 65.0 51.8 77.8





#31
Cyclohexane
Concen: 43.959 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

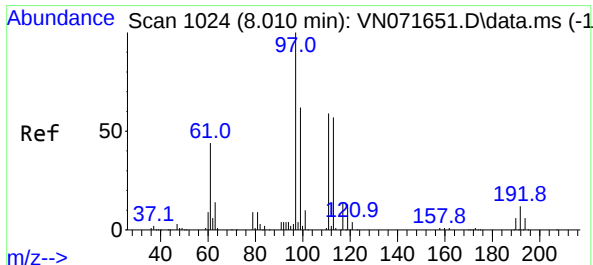
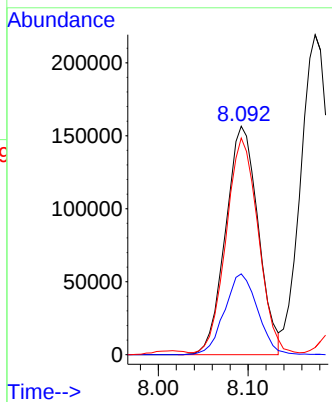
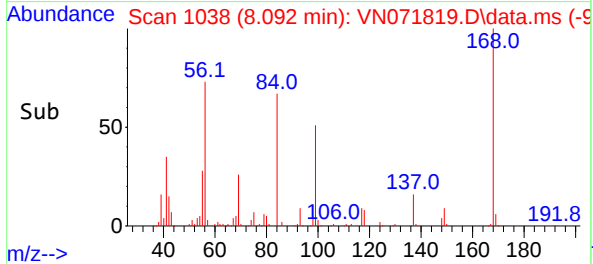
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



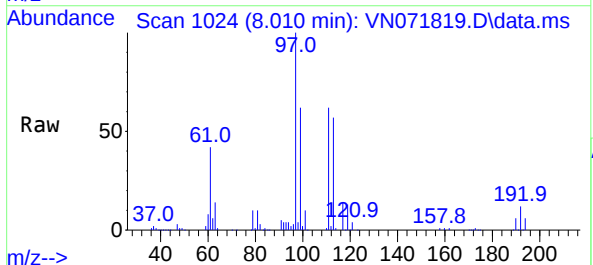
Tgt Ion: 56 Resp: 395259
Ion Ratio Lower Upper
56 100
69 35.4 27.8 41.8
84 93.2 76.9 115.3

Manual Integrations
APPROVED

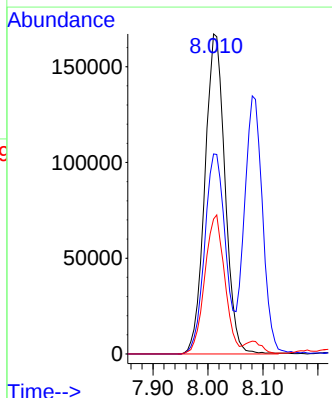
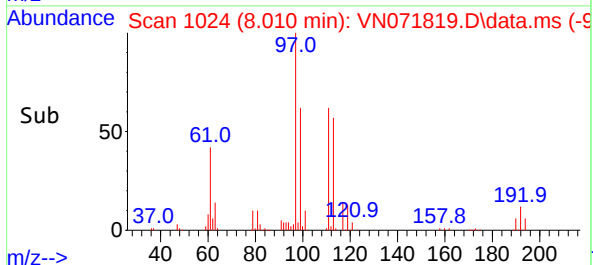
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

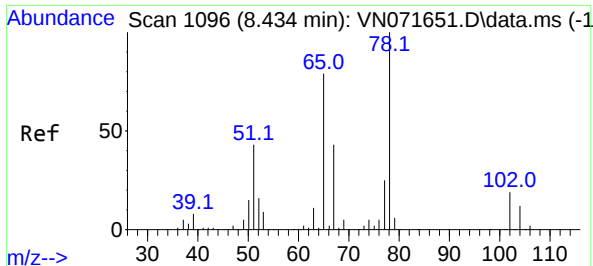


#32
1,1,1-Trichloroethane
Concen: 47.516 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



Tgt Ion: 97 Resp: 425621
Ion Ratio Lower Upper
97 100
99 65.3 50.6 76.0
61 43.0 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 51.074 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Instrument :

MSVOA_N

ClientSampleId :

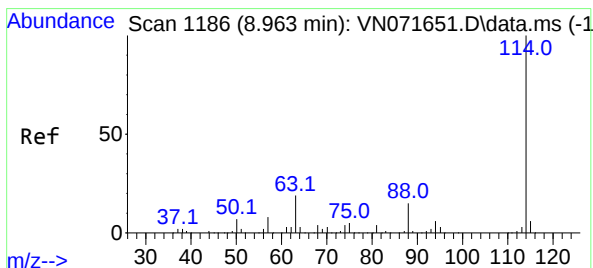
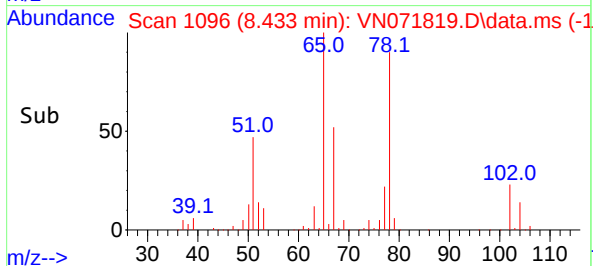
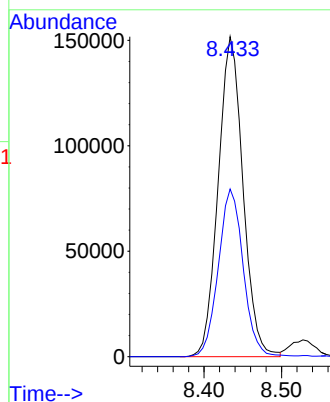
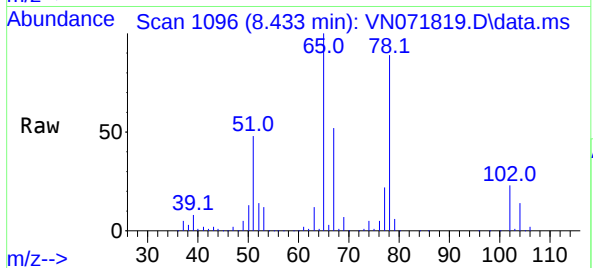
VSTDCCC050EC

Tgt Ion: 65 Resp: 337692
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

Manual Integrations

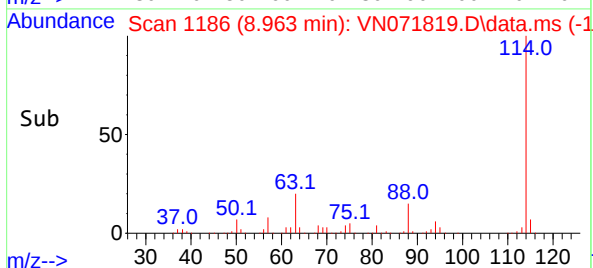
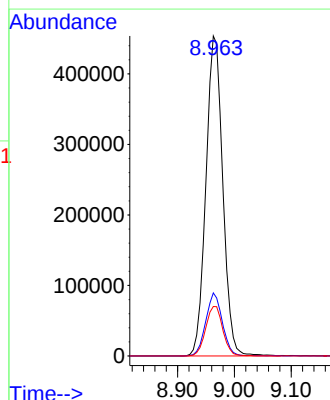
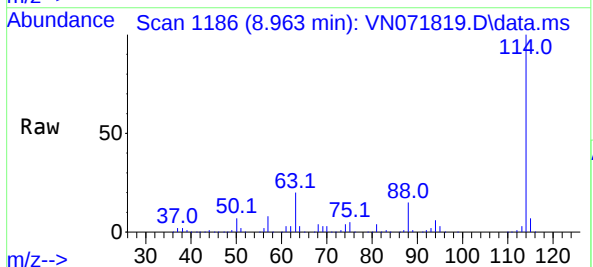
APPROVED

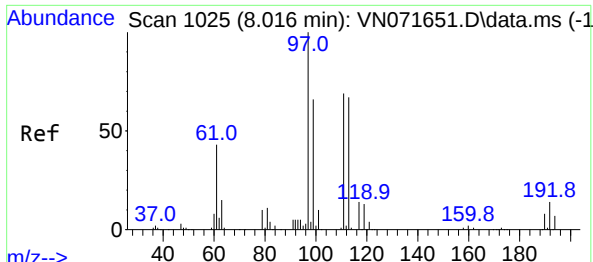
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

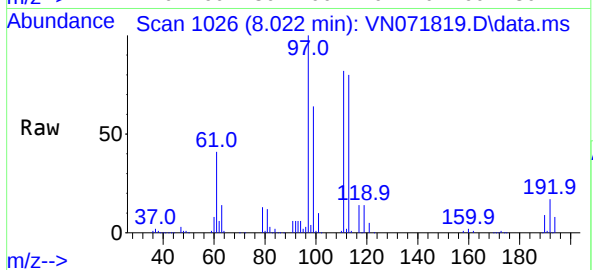
Tgt Ion:114 Resp: 933698
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.663 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

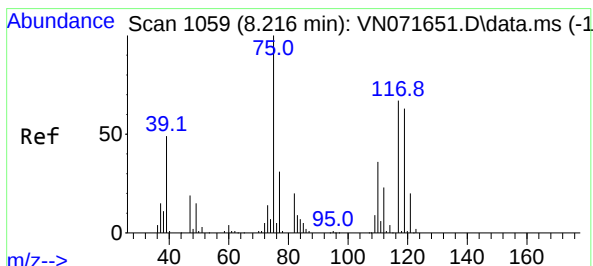
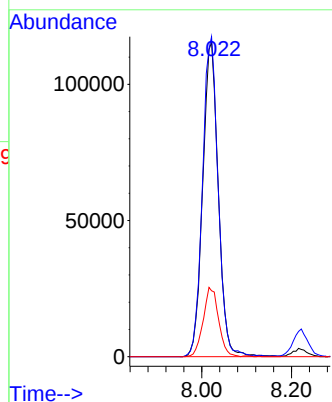
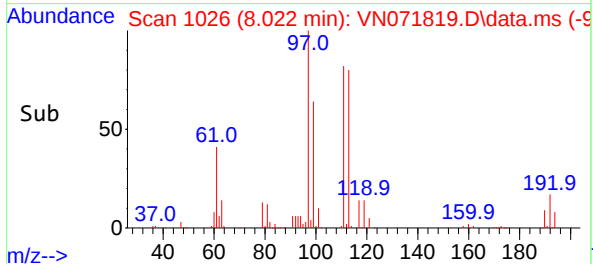
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



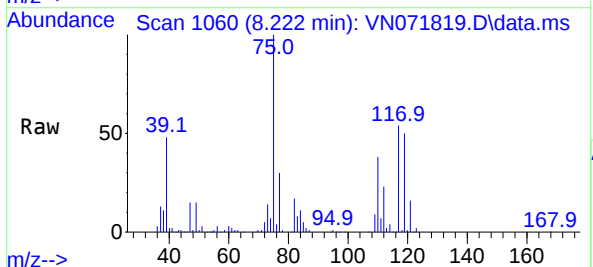
Tgt Ion: 113 Resp: 278358
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.7 17.0 25.6

Manual Integrations
APPROVED

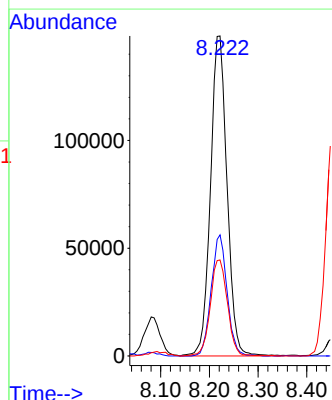
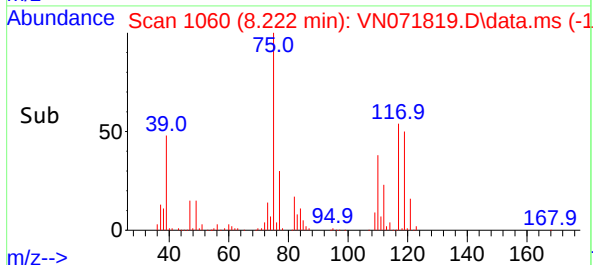
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

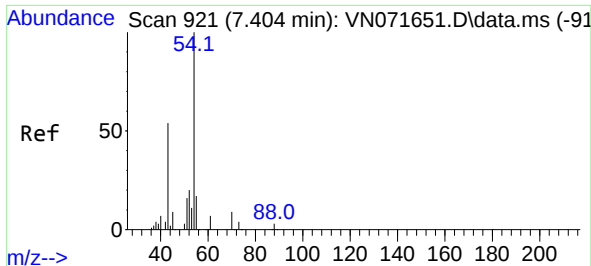


#36
1,1-Dichloropropene
Concen: 45.577 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



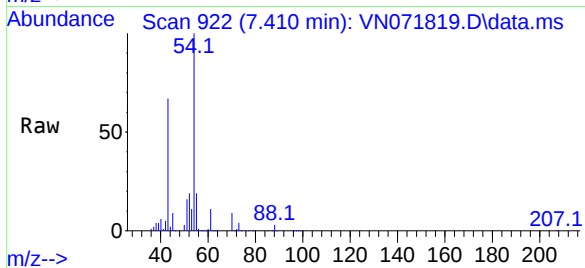
Tgt Ion: 75 Resp: 349690
Ion Ratio Lower Upper
75 100
110 36.2 18.3 54.8
77 30.9 25.1 37.7





#37
Ethyl Acetate
Concen: 49.493 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

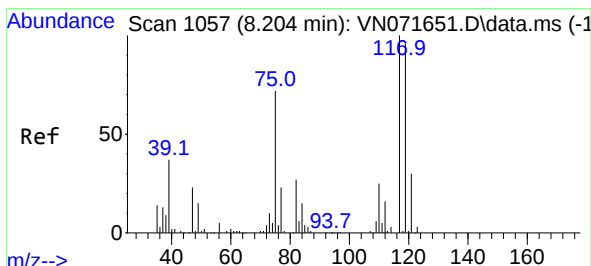
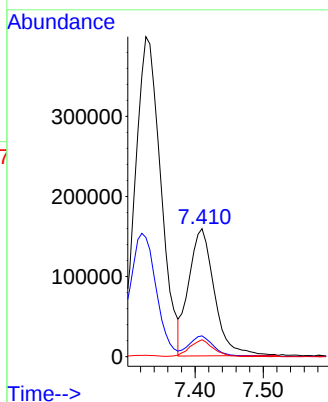
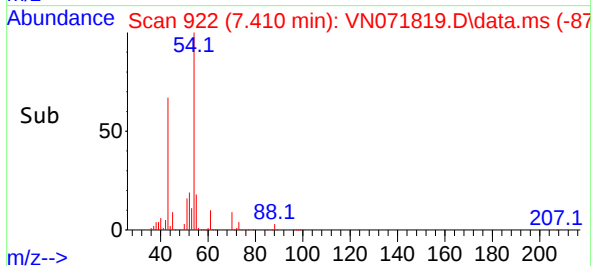
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 415634
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.8 9.3 13.9

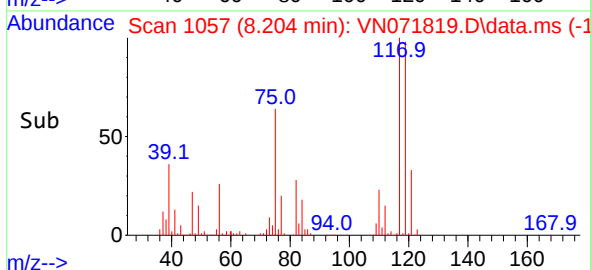
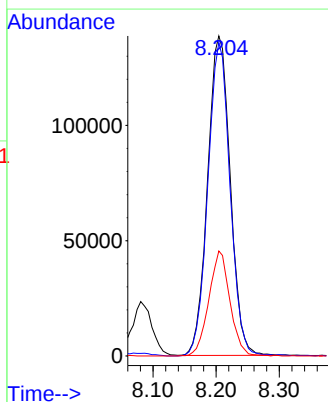
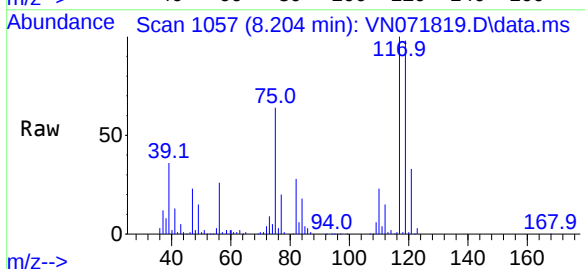
Manual Integrations
APPROVED

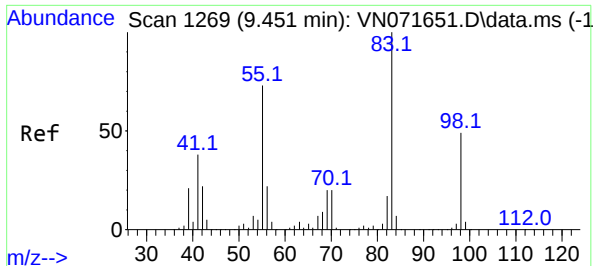
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#38
Carbon Tetrachloride
Concen: 45.894 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Tgt Ion:117 Resp: 345103
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.8
121 32.9 24.6 37.0





#39
Methylcyclohexane
Concen: 45.460 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Instrument :

MSVOA_N

ClientSampleId :

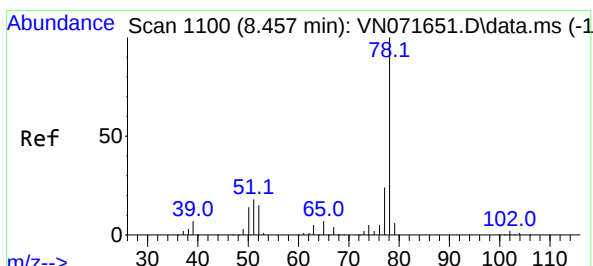
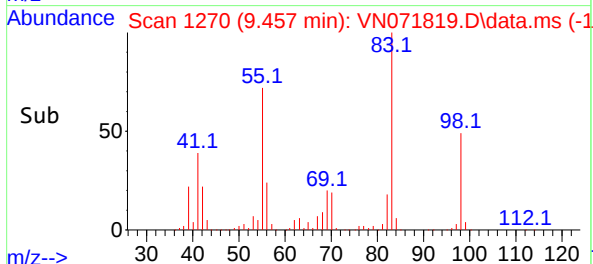
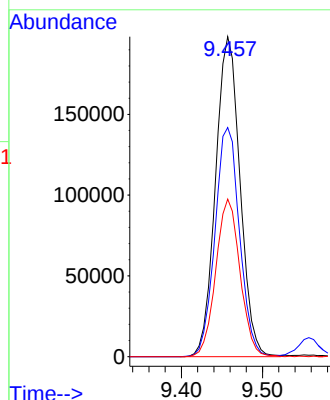
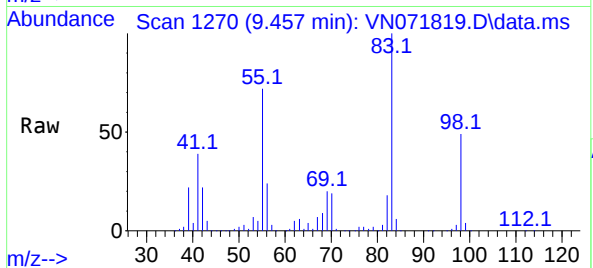
VSTDCCC050EC

Tgt Ion: 83 Resp: 415194
Ion Ratio Lower Upper
83 100
55 71.6 57.8 86.8
98 49.2 39.4 59.2

Manual Integrations

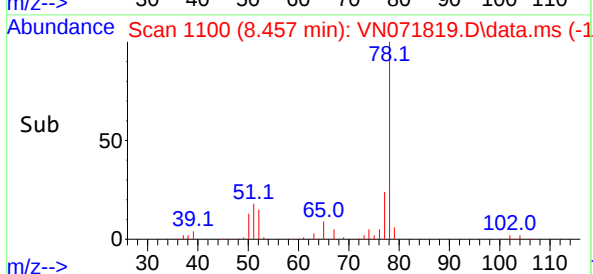
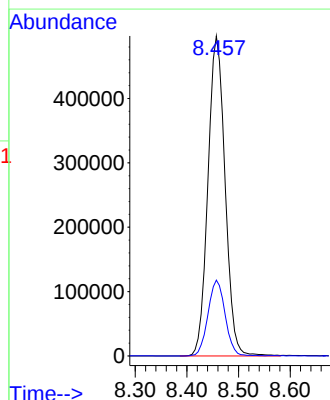
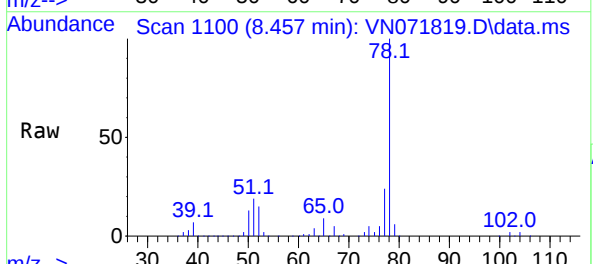
APPROVED

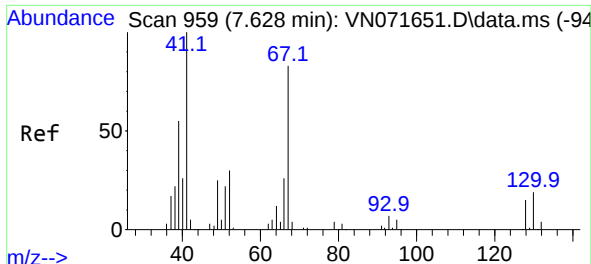
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#40
Benzene
Concen: 47.150 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

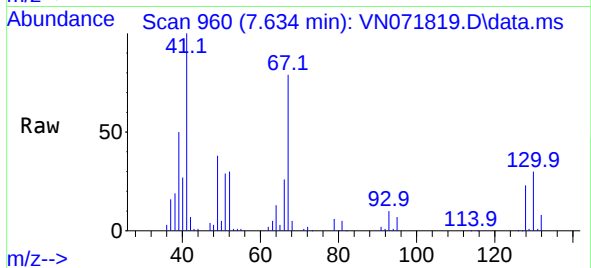
Tgt Ion: 78 Resp: 1142783
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 52.821 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

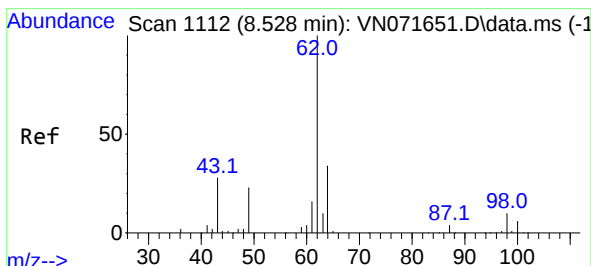
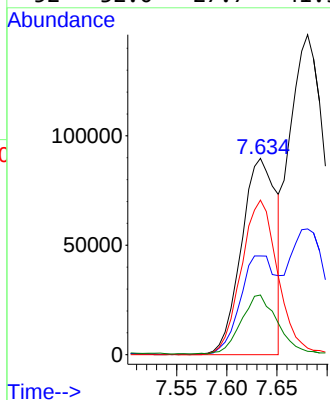
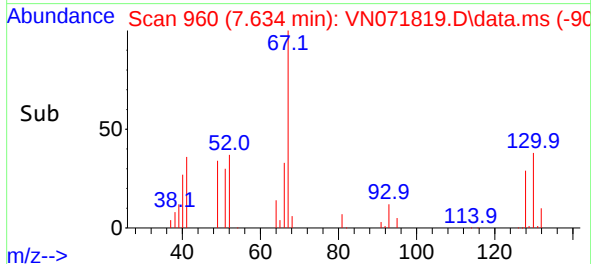
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



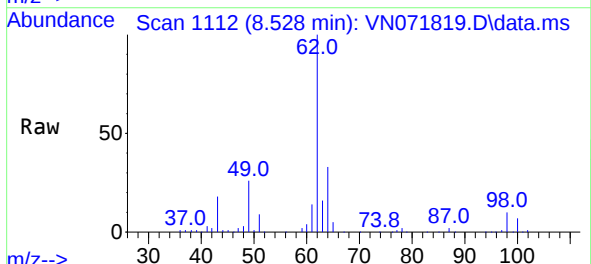
Tgt Ion: 41 Resp: 21719
Ion Ratio Lower Upper
41 100
39 51.4 48.6 73.0
67 84.0 73.4 110.2
52 32.0 27.7 41.5

Manual Integrations
APPROVED

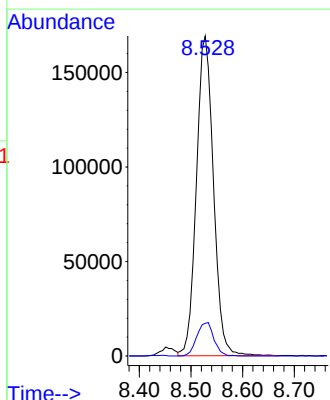
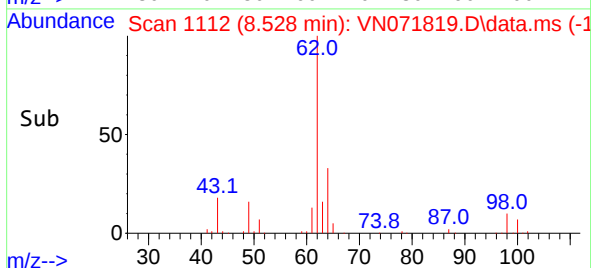
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

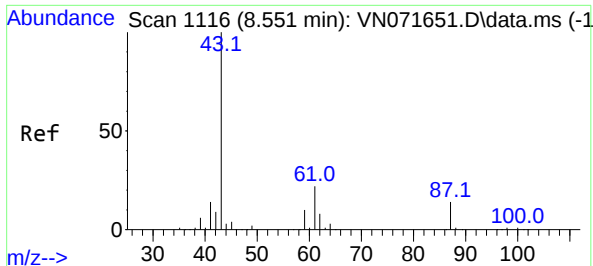


#42
1,2-Dichloroethane
Concen: 46.181 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



Tgt Ion: 62 Resp: 387188
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.4





#43

Isopropyl Acetate

Concen: 46.322 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN071819.D

Acq: 02 Apr 2022 23:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 647034

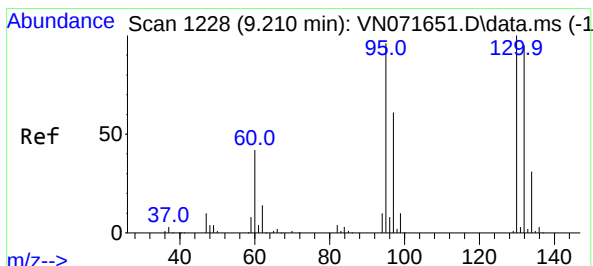
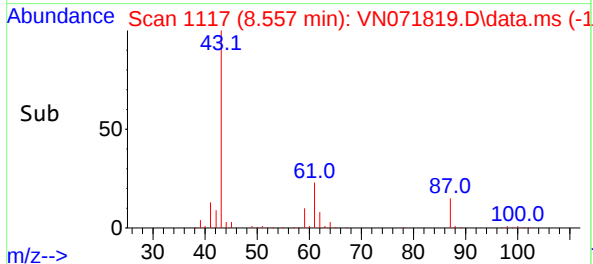
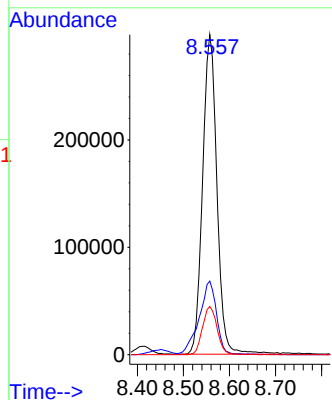
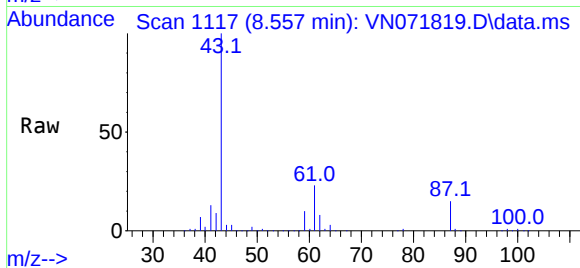
Ion	Ratio	Lower	Upper
43	100		
61	28.1	21.9	32.9
87	15.3	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#44

Trichloroethene

Concen: 46.288 ug/l

RT: 9.210 min Scan# 1228

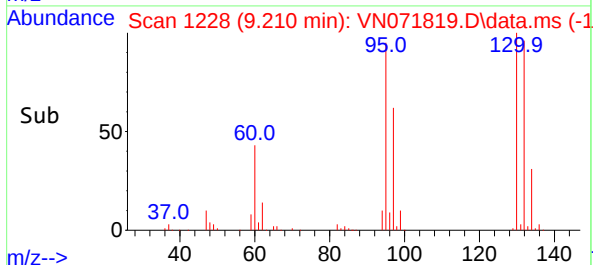
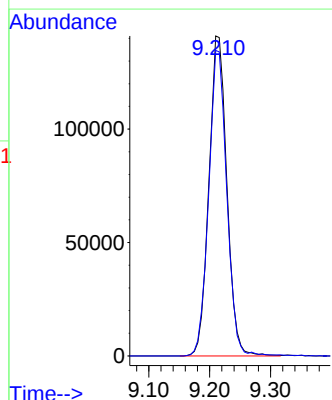
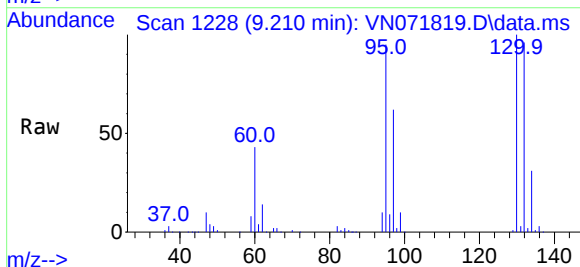
Delta R.T. -0.000 min

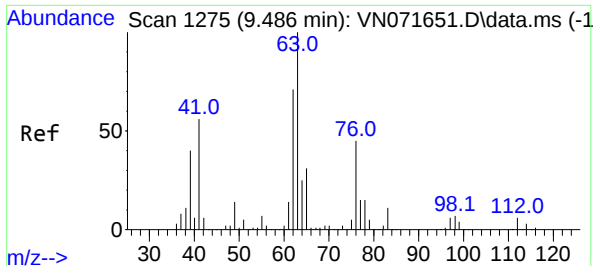
Lab File: VN071819.D

Acq: 02 Apr 2022 23:47

Tgt Ion:130 Resp: 289035

Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	186.8





#45

1,2-Dichloropropane

Concen: 48.759 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071819.D

Acq: 02 Apr 2022 23:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 295229

Ion Ratio Lower Upper

63 100

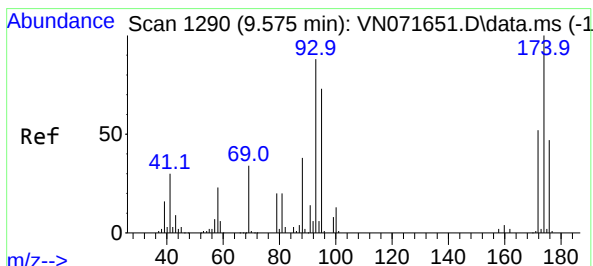
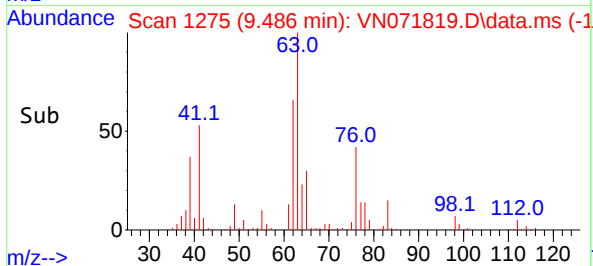
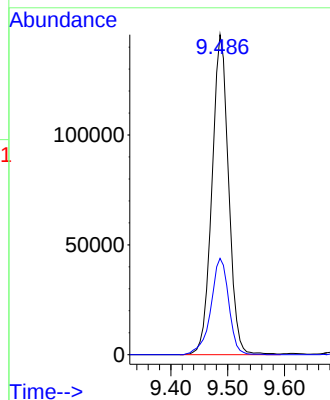
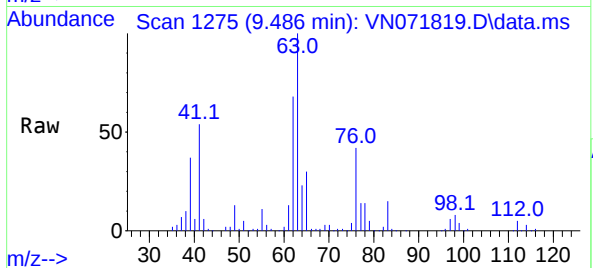
65 30.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#46

Dibromomethane

Concen: 46.787 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071819.D

Acq: 02 Apr 2022 23:47

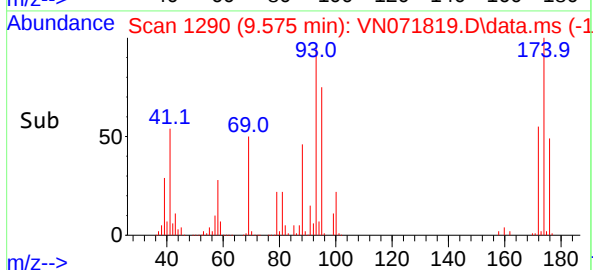
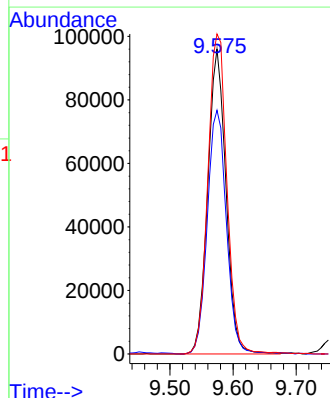
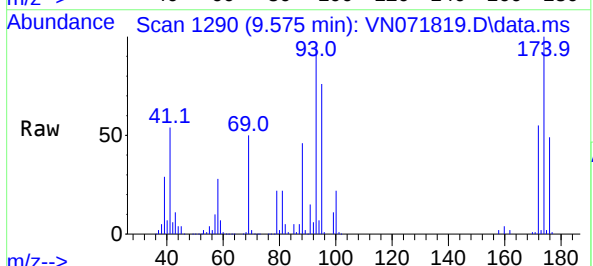
Tgt Ion: 93 Resp: 192346

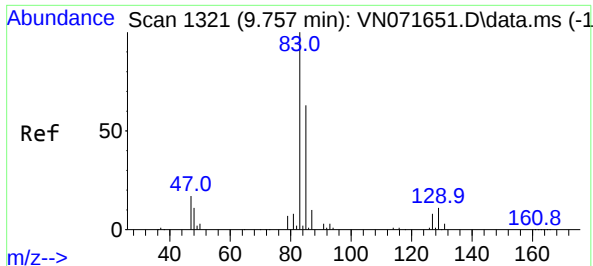
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

174 110.1 86.6 130.0





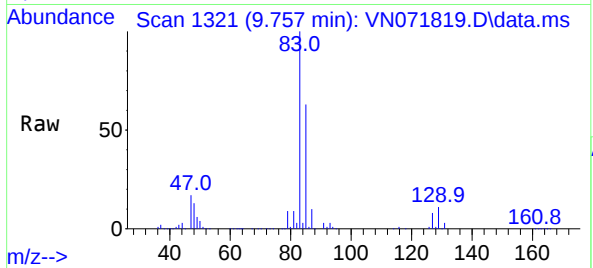
#47
Bromodichloromethane
Concen: 48.537 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



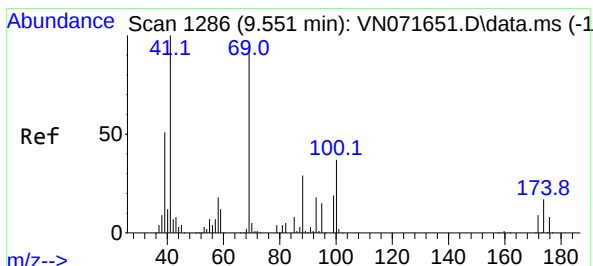
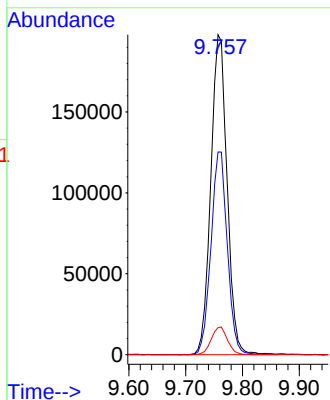
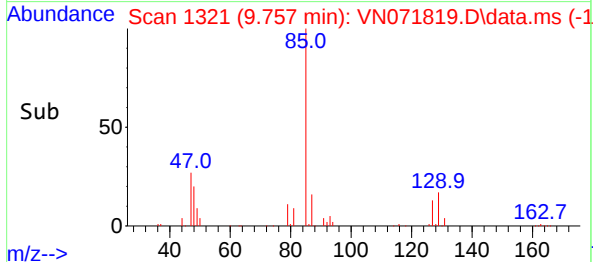
Tgt Ion: 83 Resp: 392780
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations

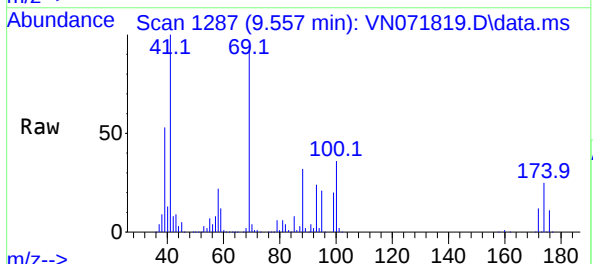
APPROVED

Reviewed By :John Carlone 04/04/2022

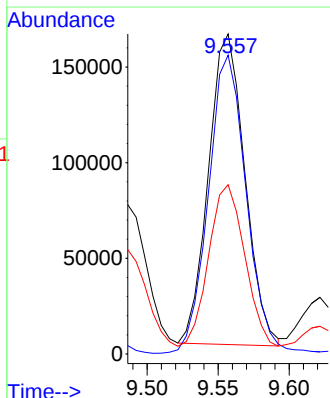
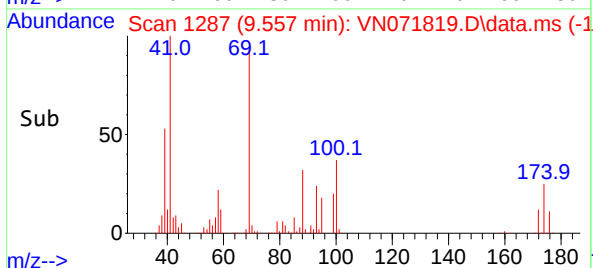
Supervised By :Mahesh Dadoda 04/05/2022

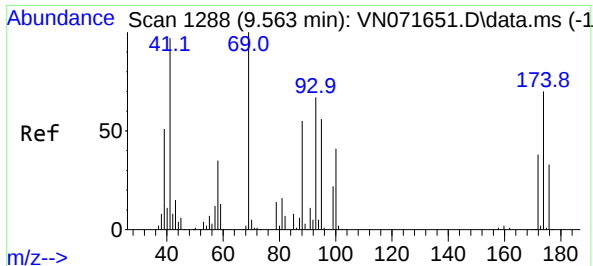


#48
Methyl methacrylate
Concen: 49.872 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



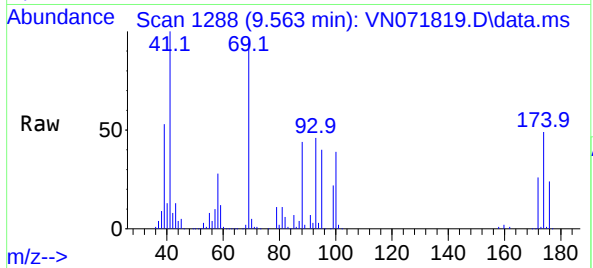
Tgt Ion: 41 Resp: 289018
Ion Ratio Lower Upper
41 100
69 100.7 74.7 112.1
39 56.6 45.6 68.4





#49
1,4-Dioxane
Concen: 948.803 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

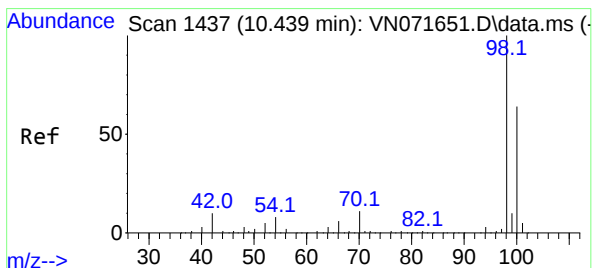
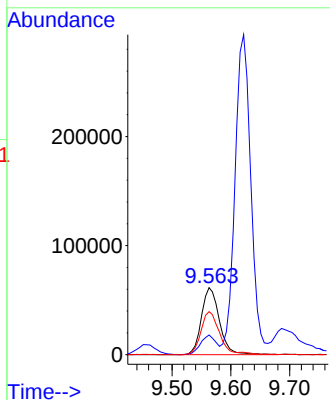
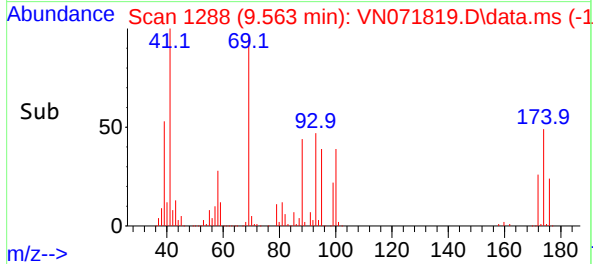
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



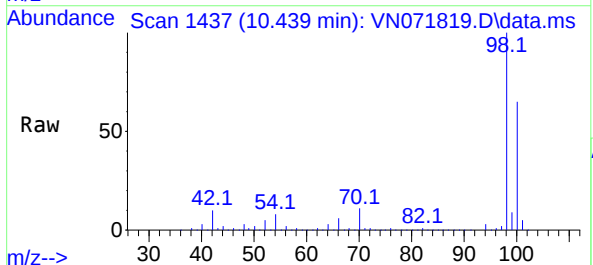
Tgt Ion: 88 Resp: 130542
Ion Ratio Lower Upper
88 100
43 25.0 20.2 30.4
58 67.3 54.2 81.4

Manual Integrations
APPROVED

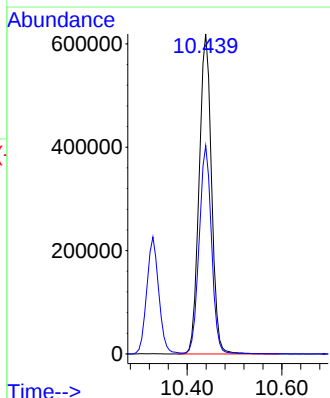
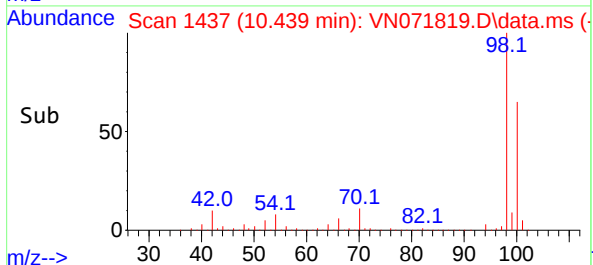
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

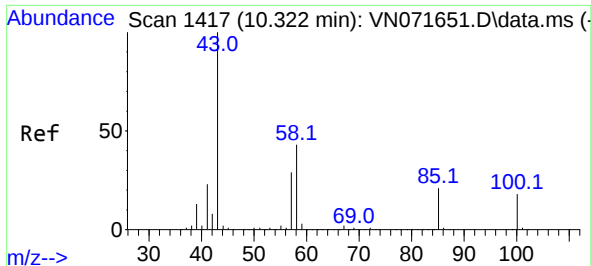


#50
Toluene-d8
Concen: 50.128 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



Tgt Ion: 98 Resp: 1126671
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





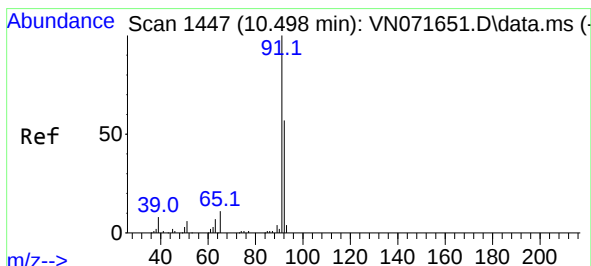
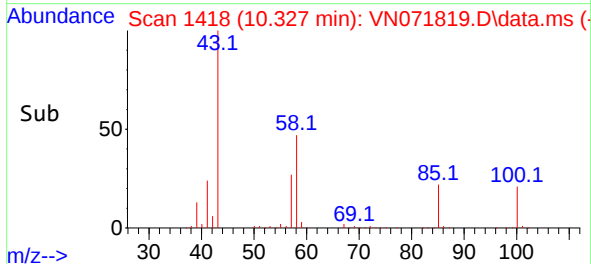
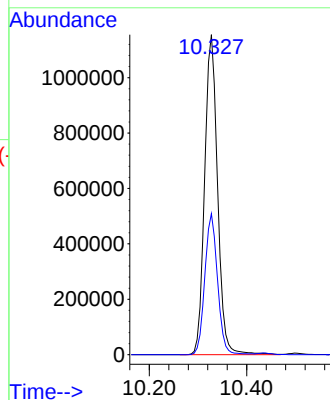
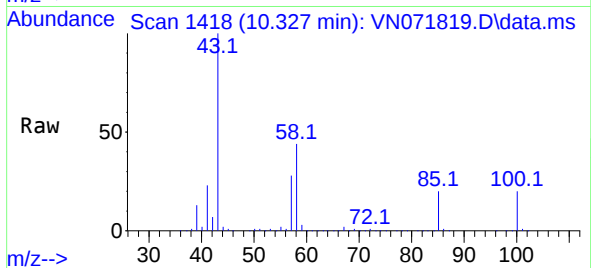
#51
4-Methyl-2-Pentanone
Concen: 264.358 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 212304
Ion Ratio Lower Upper
43 100
58 43.2 34.1 51.1

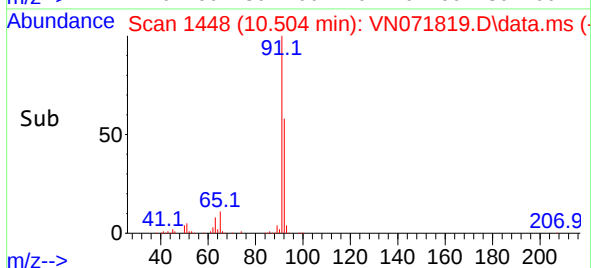
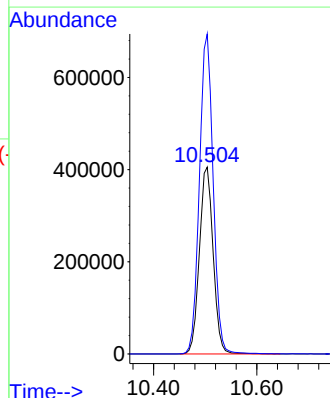
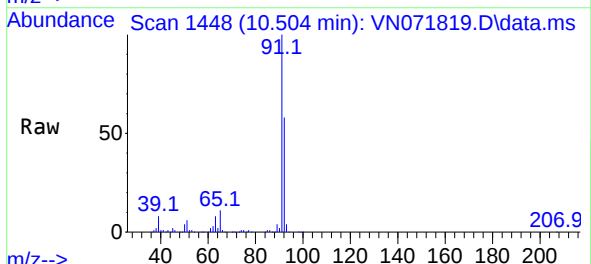
Manual Integrations
APPROVED

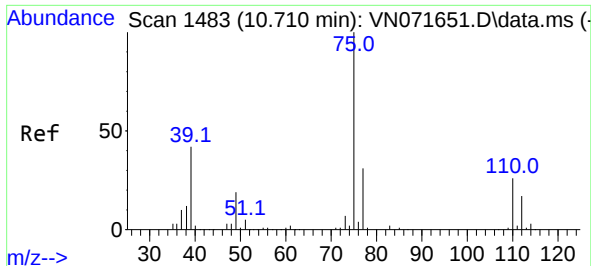
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#52
Toluene
Concen: 48.916 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

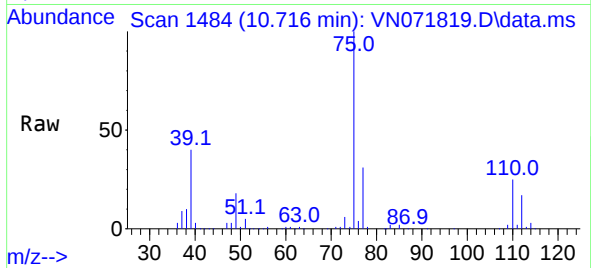
Tgt Ion: 92 Resp: 749448
Ion Ratio Lower Upper
92 100
91 170.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 48.923 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

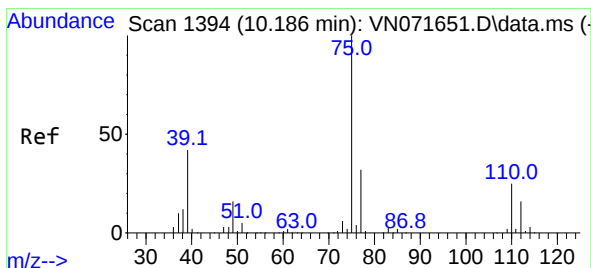
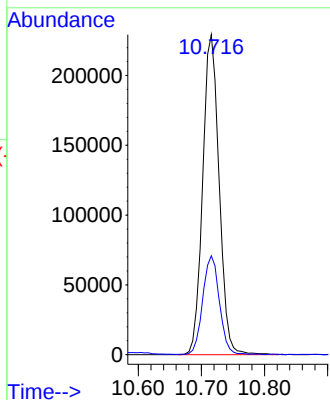
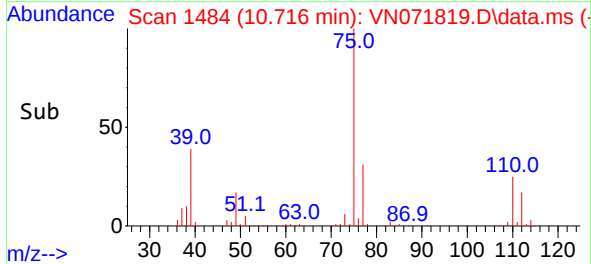
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



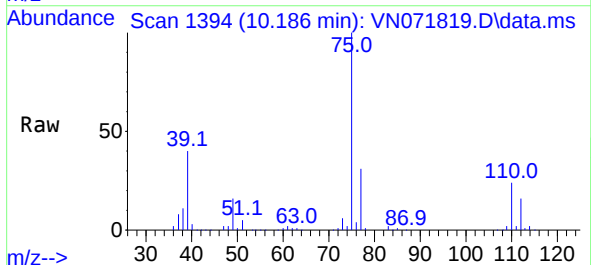
Tgt Ion: 75 Resp: 414939
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

Manual Integrations
APPROVED

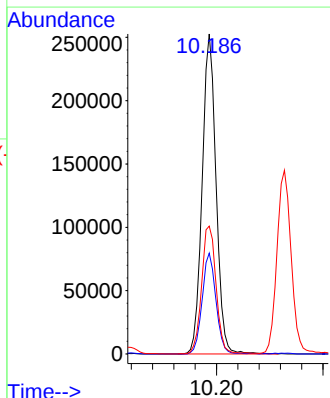
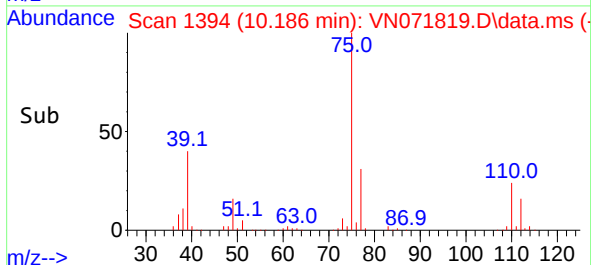
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

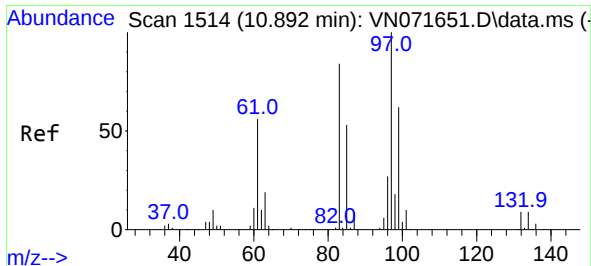


#54
cis-1,3-Dichloropropene
Concen: 48.676 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



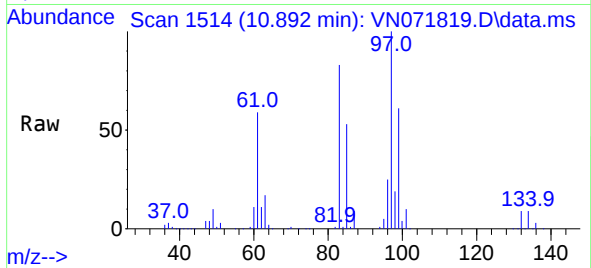
Tgt Ion: 75 Resp: 456153
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 40.0 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 48.126 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

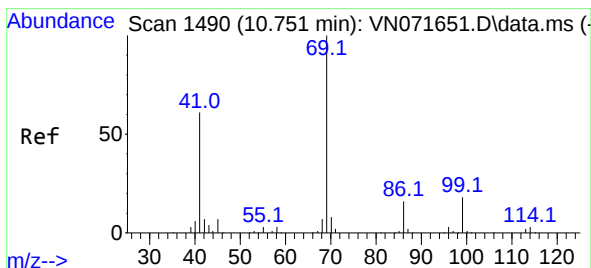
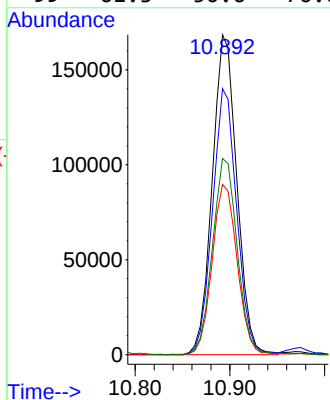
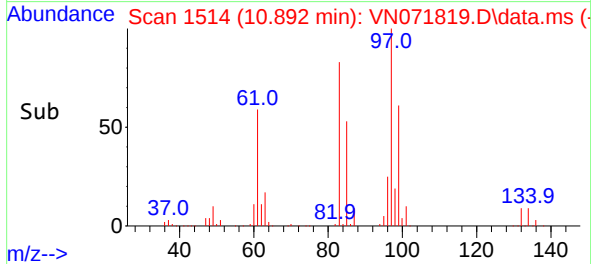
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



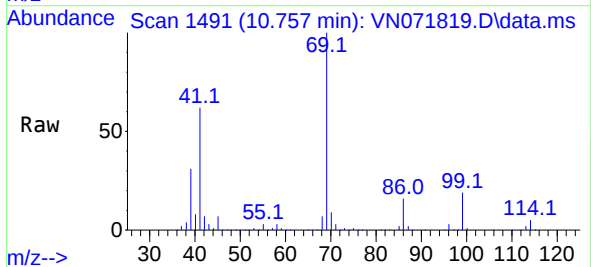
Tgt Ion: 97 Resp: 303462
Ion Ratio Lower Upper
97 100
83 83.1 66.2 99.4
85 53.2 43.9 65.9
99 61.3 50.6 76.0

Manual Integrations
APPROVED

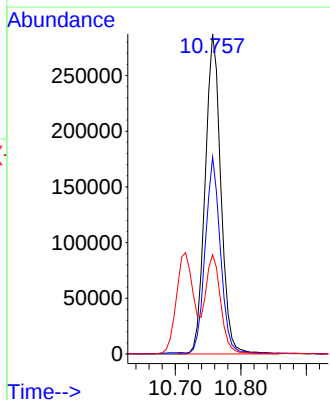
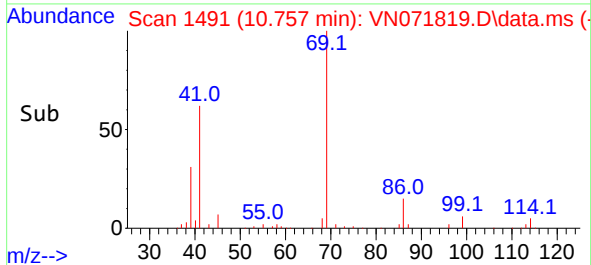
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

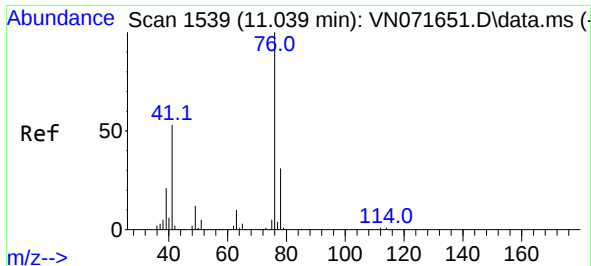


#56
Ethyl methacrylate
Concen: 53.244 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



Tgt Ion: 69 Resp: 478943
Ion Ratio Lower Upper
69 100
41 60.5 47.8 71.6
39 28.8 27.3 40.9





#57

1,3-Dichloropropane

Concen: 48.505 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071819.D

Acq: 02 Apr 2022 23:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 511372

Ion Ratio Lower Upper

76 100

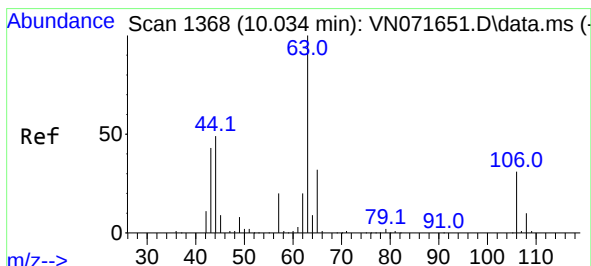
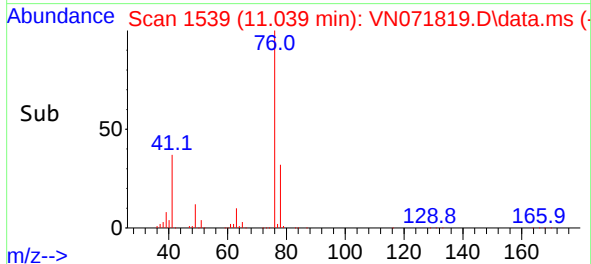
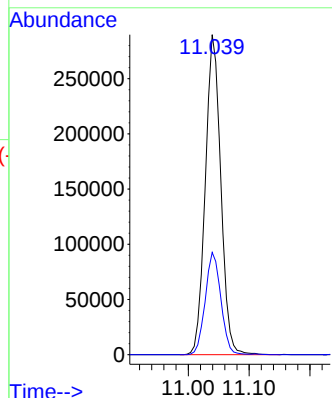
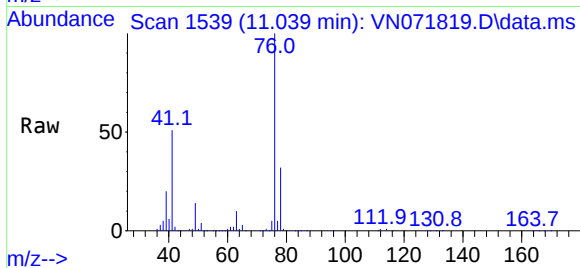
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 194.103 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN071819.D

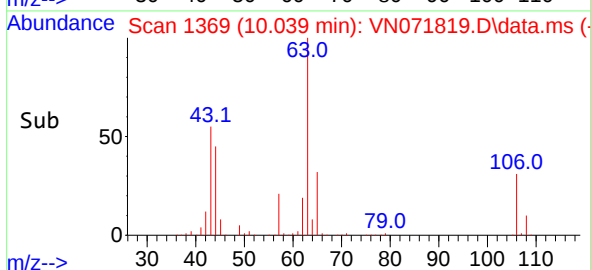
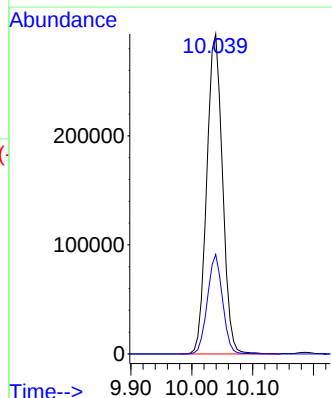
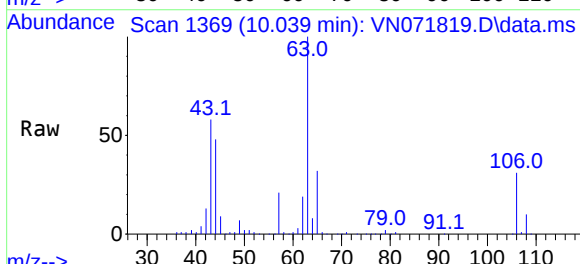
Acq: 02 Apr 2022 23:47

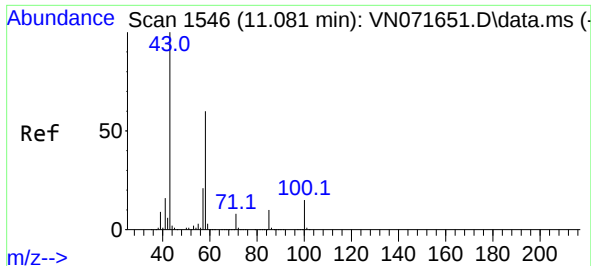
Tgt Ion: 63 Resp: 526260

Ion Ratio Lower Upper

63 100

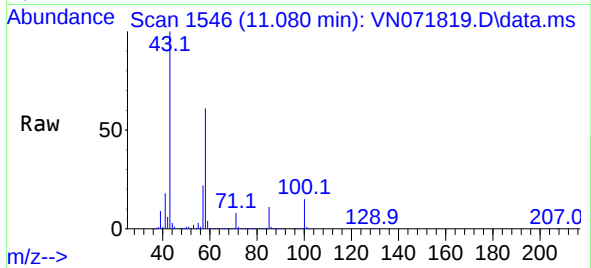
106 29.8 24.6 36.8





#59
2-Hexanone
Concen: 264.261 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

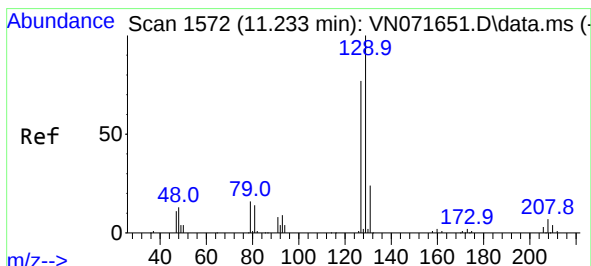
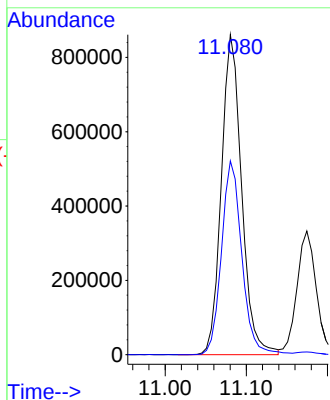
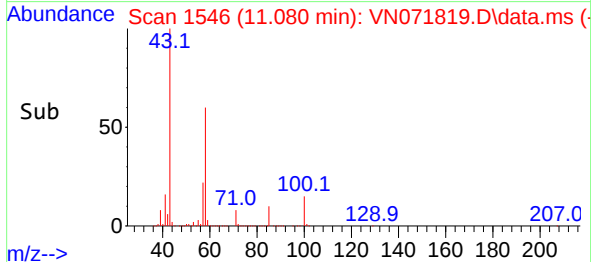
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 149418
Ion Ratio Lower Upper
43 100
58 60.8 29.7 89.1

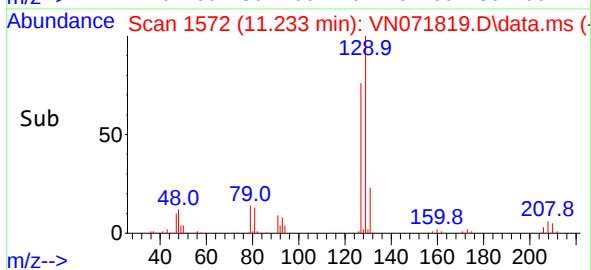
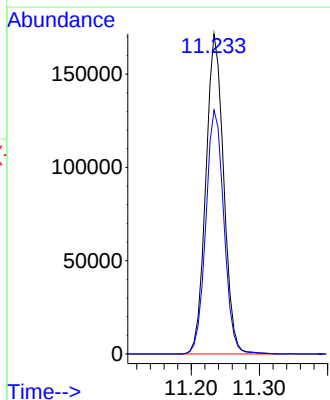
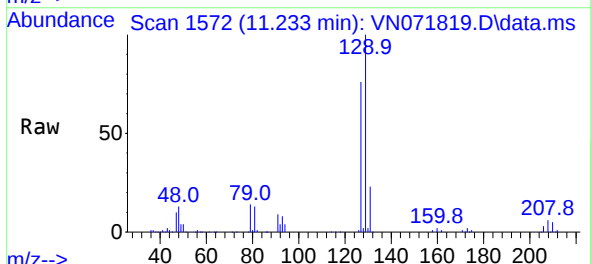
Manual Integrations
APPROVED

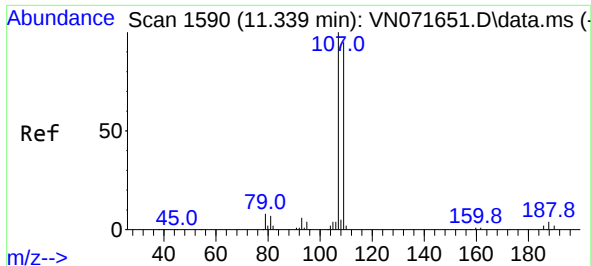
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#60
Dibromochloromethane
Concen: 50.734 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

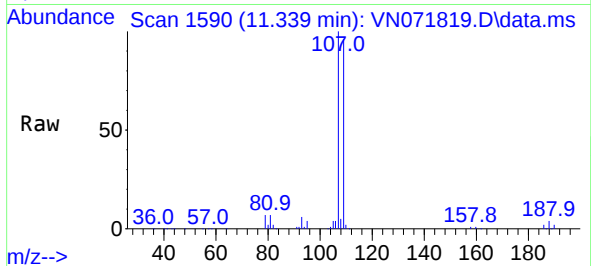
Tgt Ion:129 Resp: 311924
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.439 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

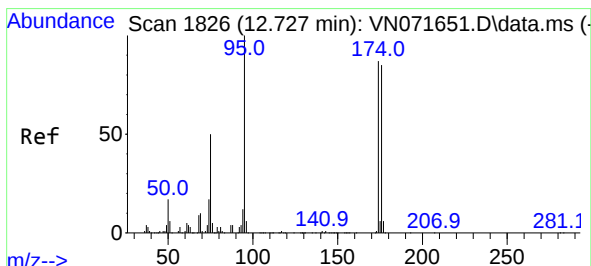
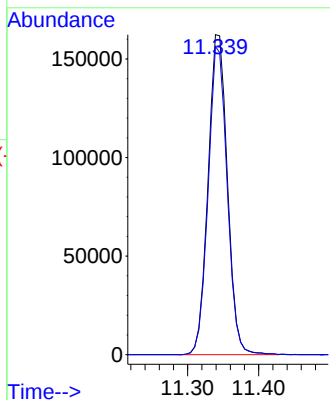
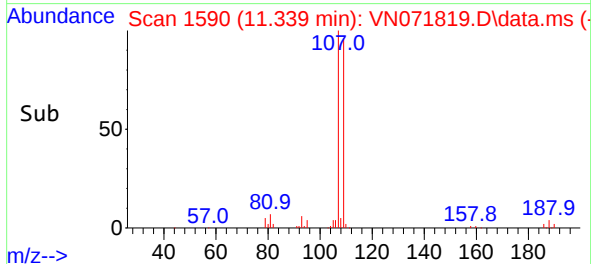
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



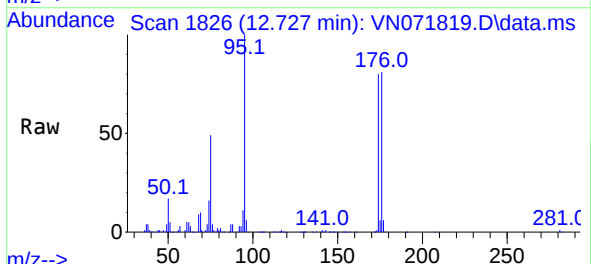
Tgt Ion:107 Resp: 306859
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

Manual Integrations
APPROVED

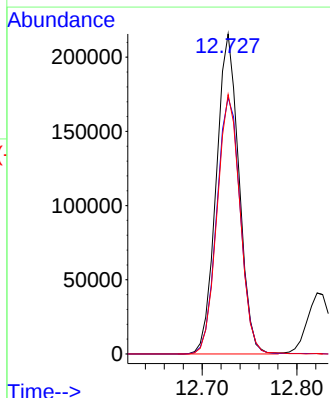
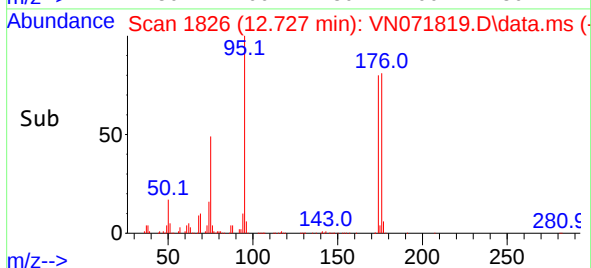
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

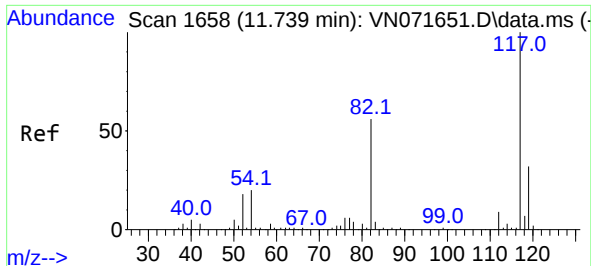


#62
4-Bromofluorobenzene
Concen: 49.482 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



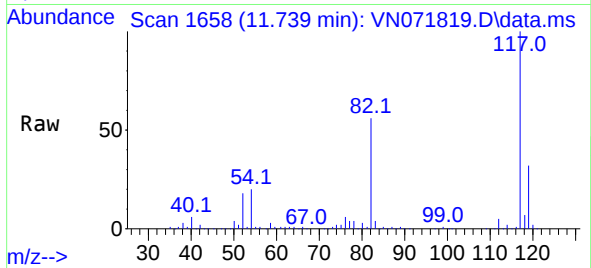
Tgt Ion: 95 Resp: 359687
Ion Ratio Lower Upper
95 100
174 83.0 0.0 167.6
176 81.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

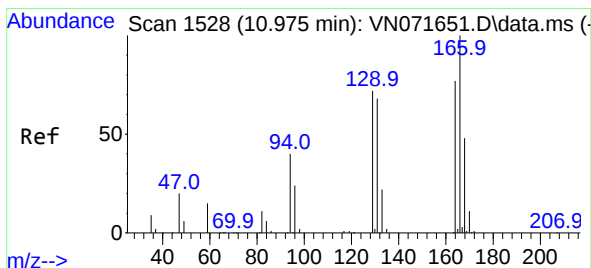
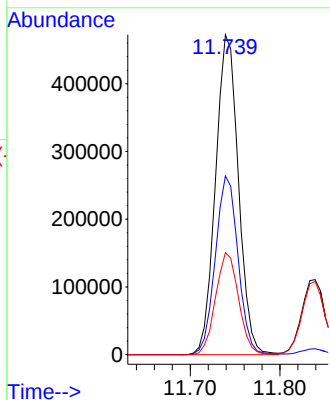
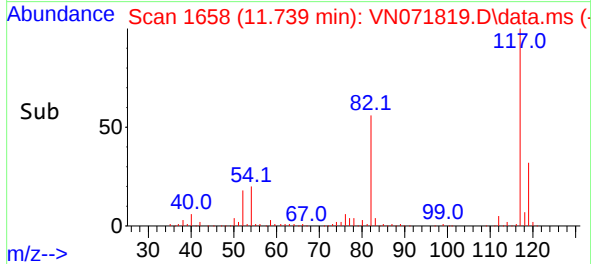
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



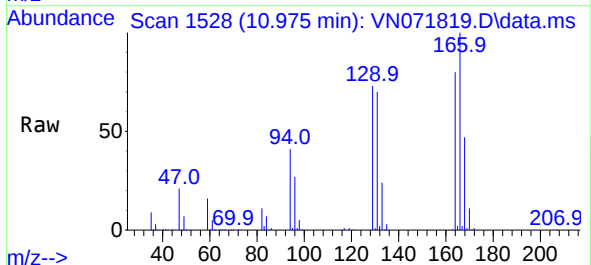
Tgt Ion:117 Resp: 83724
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 31.8 25.4 38.0

Manual Integrations
APPROVED

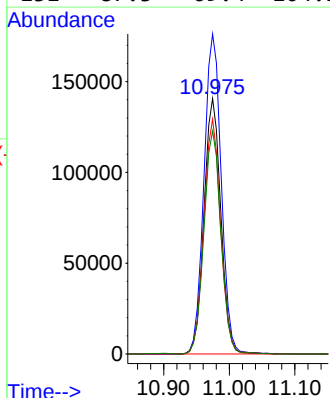
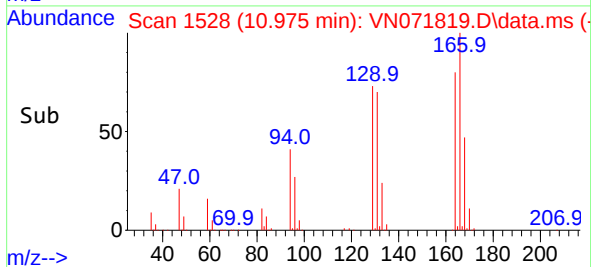
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

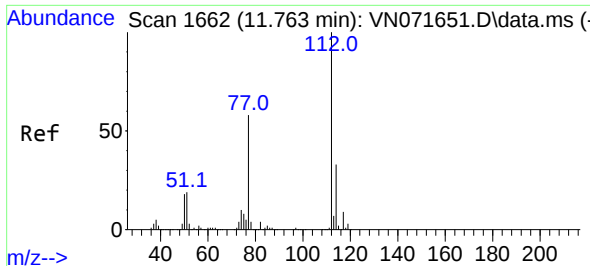


#64
Tetrachloroethene
Concen: 45.673 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



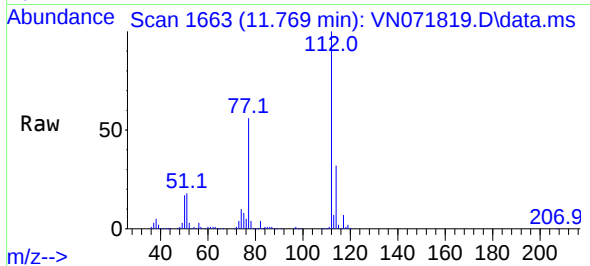
Tgt Ion:164 Resp: 252508
Ion Ratio Lower Upper
164 100
166 125.2 104.2 156.2
129 91.8 73.9 110.9
131 87.3 69.4 104.2





#65
Chlorobenzene
Concen: 46.963 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

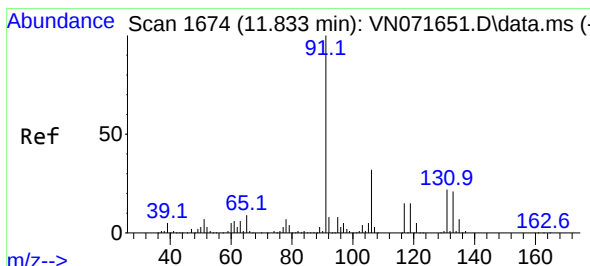
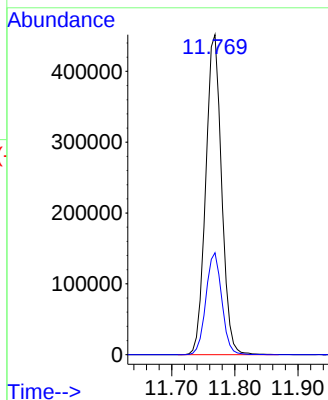
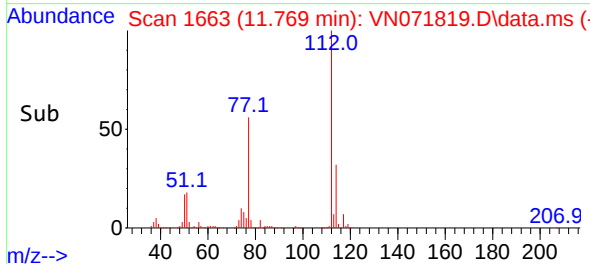
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



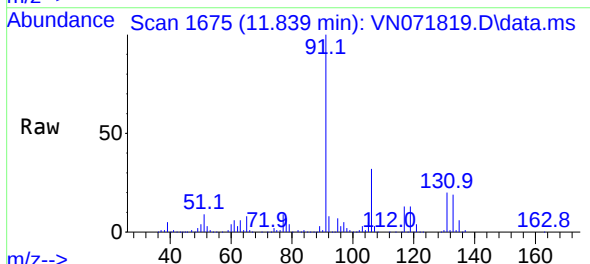
Tgt Ion:112 Resp: 787325
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

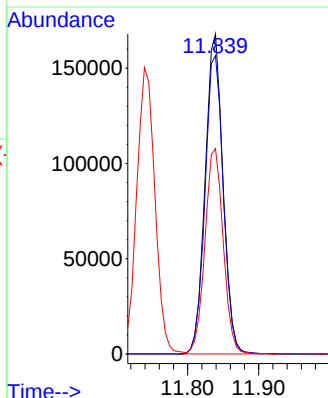
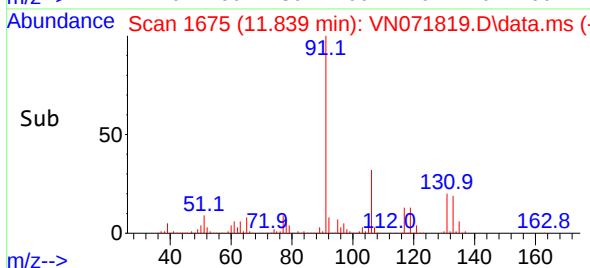
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

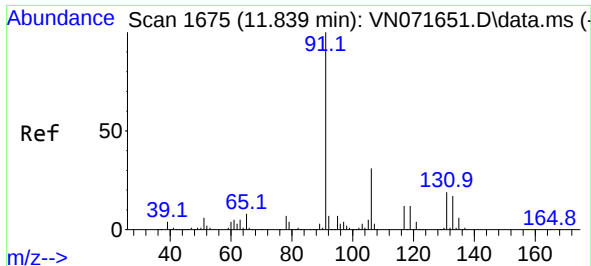


#66
1,1,1,2-Tetrachloroethane
Concen: 48.549 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



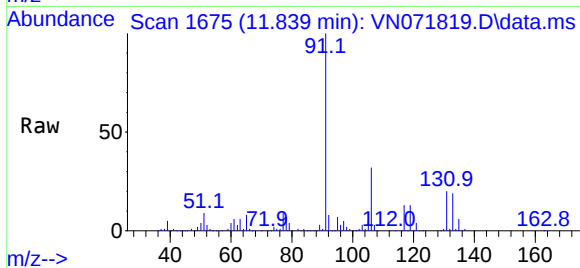
Tgt Ion:131 Resp: 293691
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 65.8 33.4 100.2





#67
Ethyl Benzene
Concen: 49.570 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

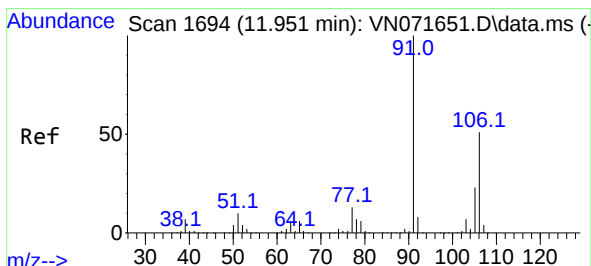
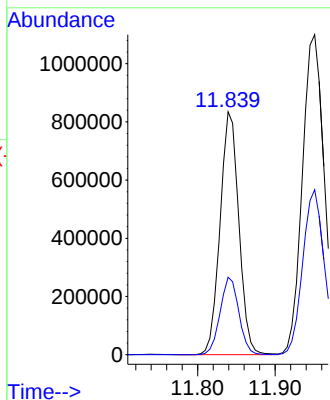
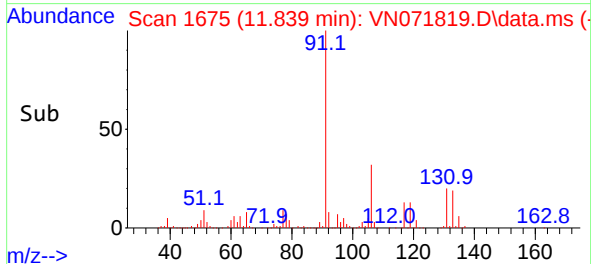
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



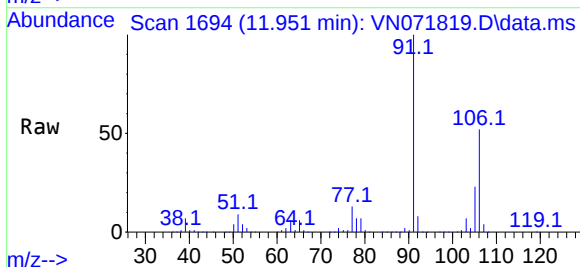
Tgt Ion: 91 Resp: 1406800
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

Manual Integrations
APPROVED

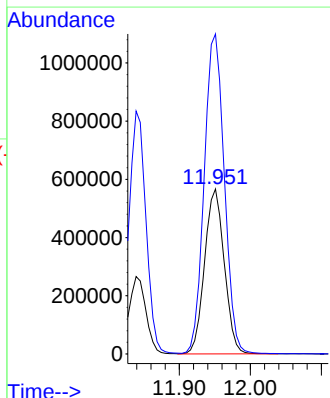
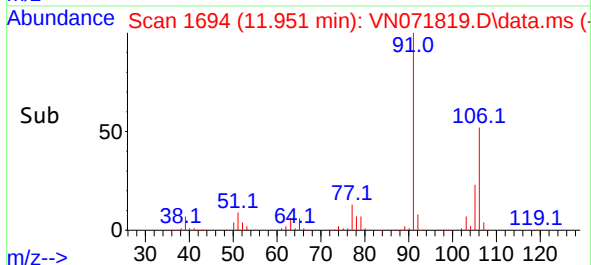
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

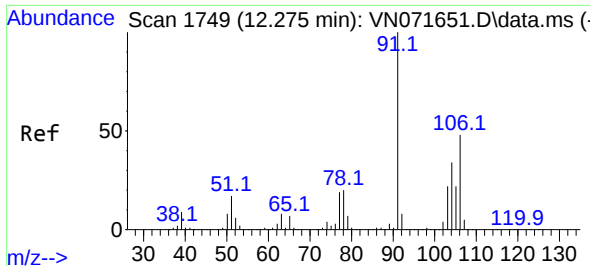


#68
m/p-Xylenes
Concen: 100.099 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



Tgt Ion:106 Resp: 1091509
Ion Ratio Lower Upper
106 100
91 198.2 158.9 238.3





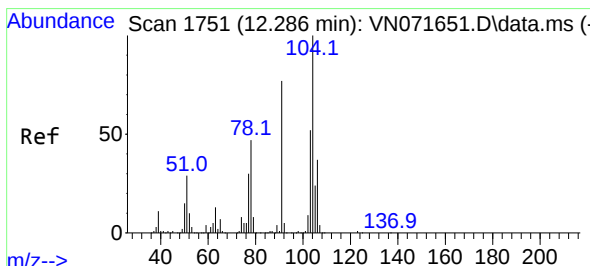
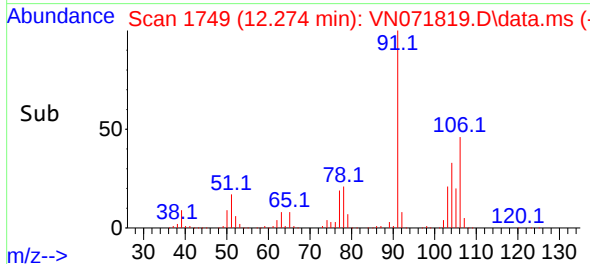
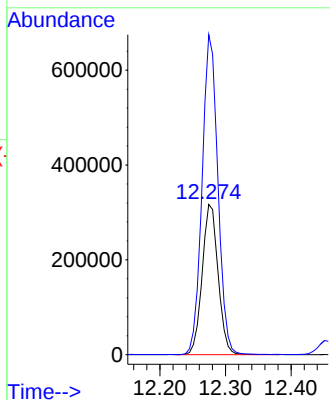
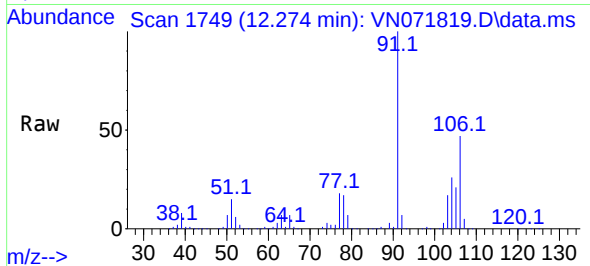
#69
o-Xylene
Concen: 49.571 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 53652
Ion Ratio Lower Upper
106 100
91 211.4 106.0 318.0

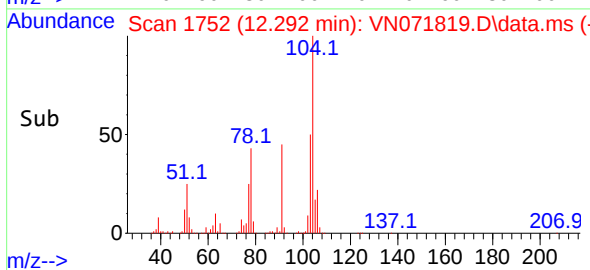
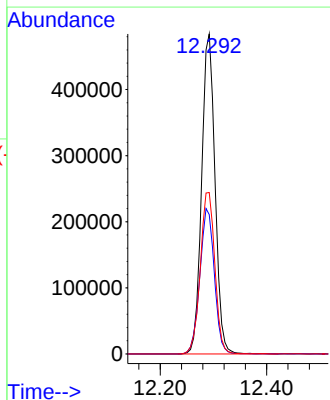
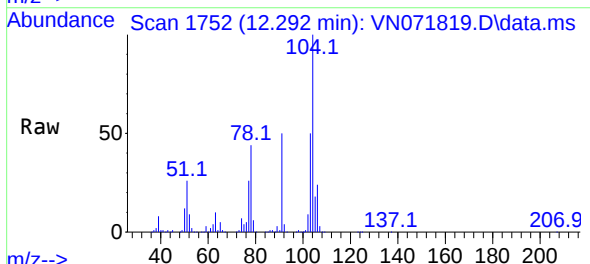
Manual Integrations
APPROVED

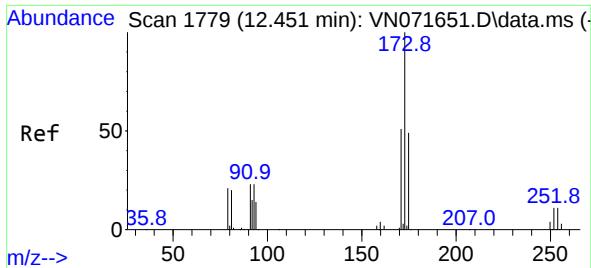
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#70
Styrene
Concen: 51.399 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

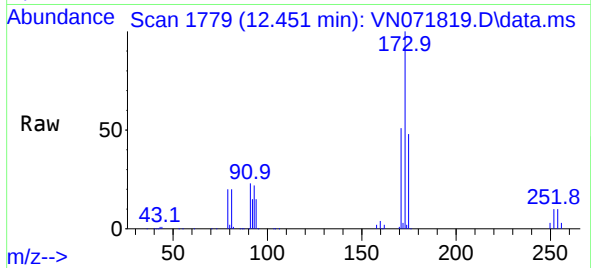
Tgt Ion:104 Resp: 842883
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 49.967 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

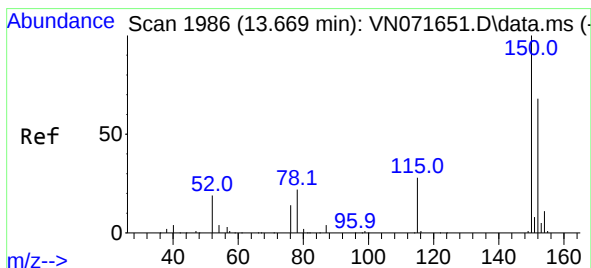
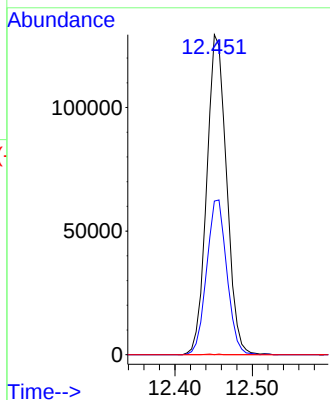
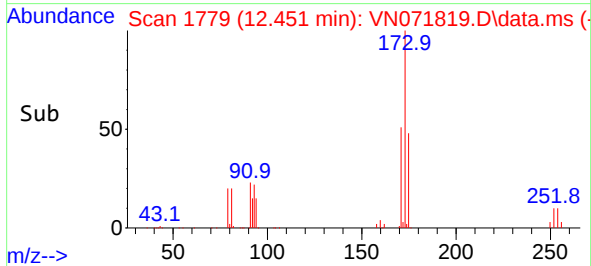
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 230189
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.6
254 0.1 0.1 0.1

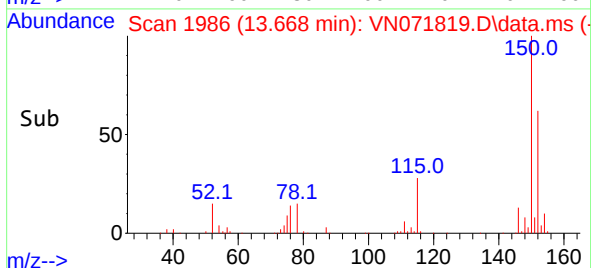
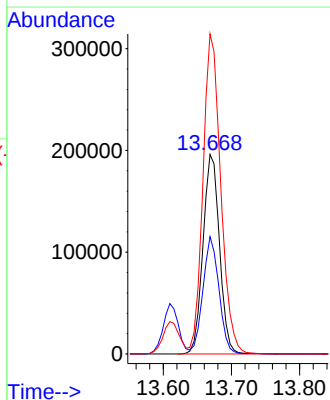
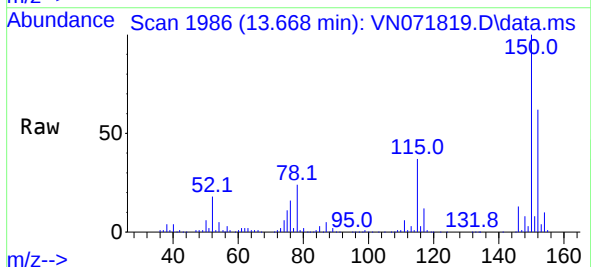
Manual Integrations
APPROVED

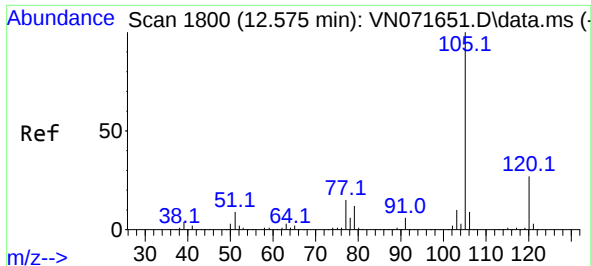
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

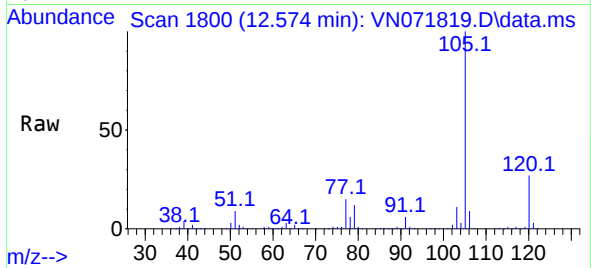
Tgt Ion:152 Resp: 330275
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 173.0 0.0 356.2





#73
Isopropylbenzene
Concen: 49.179 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

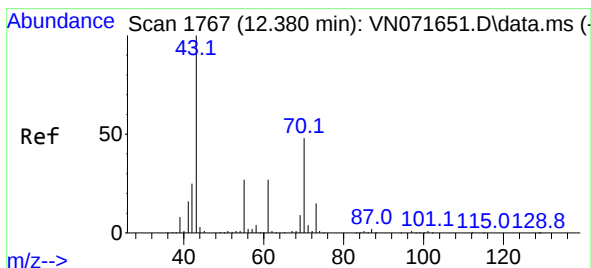
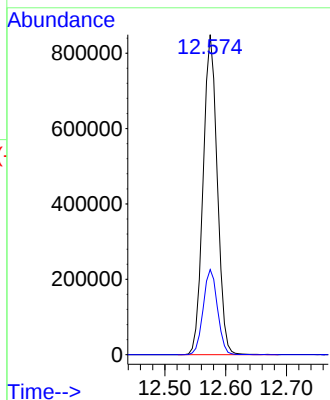
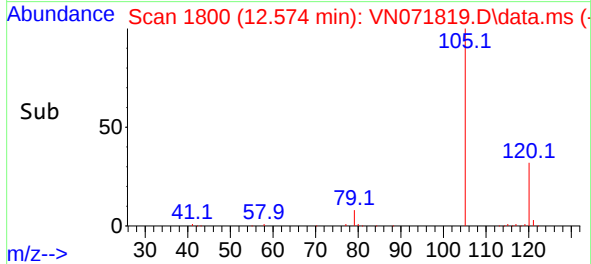
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



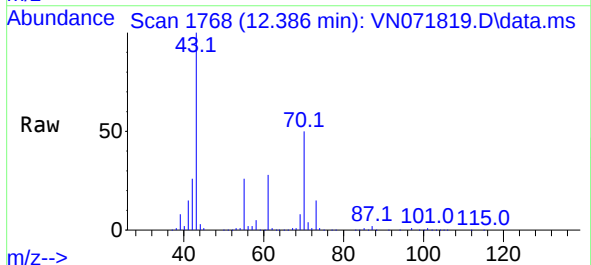
Tgt Ion:105 Resp: 1368728
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

Manual Integrations
APPROVED

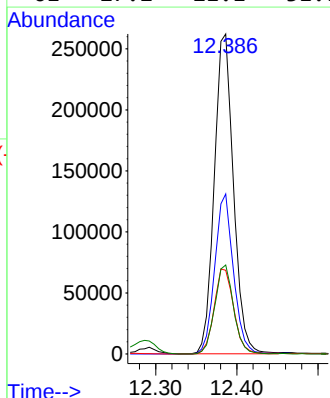
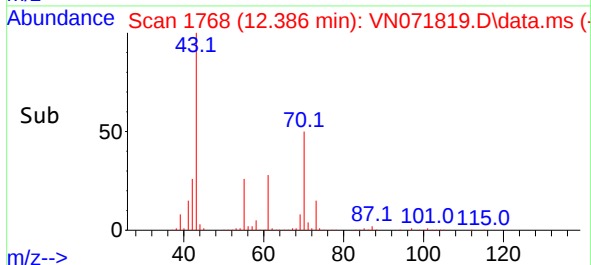
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

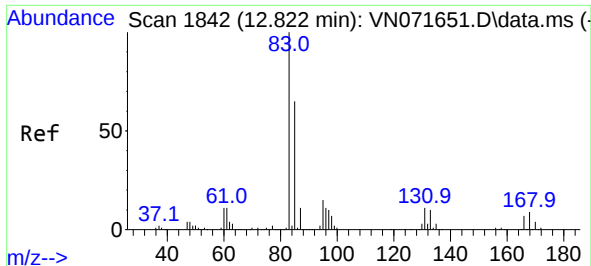


#74
N-ethyl acetate
Concen: 53.990 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



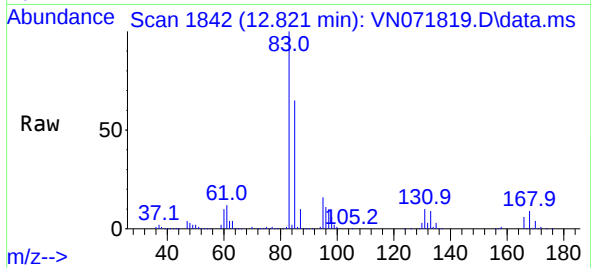
Tgt Ion: 43 Resp: 430531
Ion Ratio Lower Upper
43 100
70 49.2 39.0 58.4
55 27.3 21.1 31.7
61 27.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.989 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

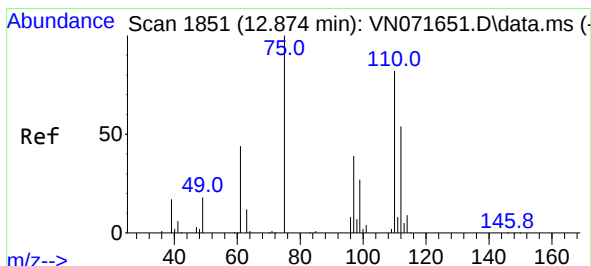
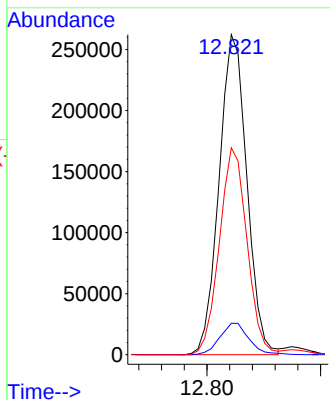
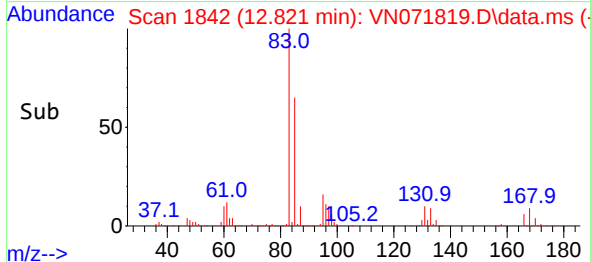
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



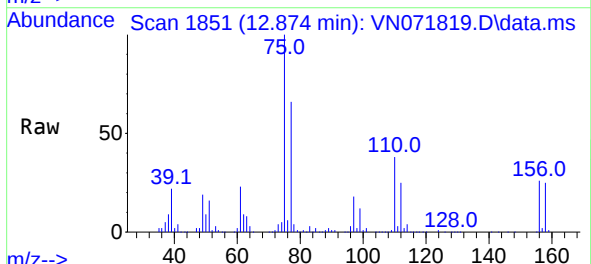
Tgt Ion: 83 Resp: 445628
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 64.3 32.3 96.9

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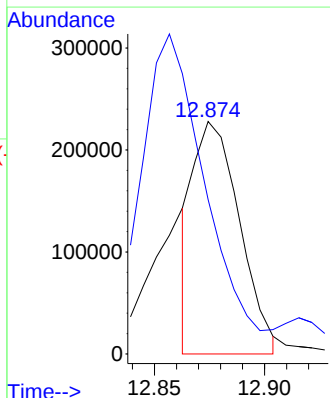
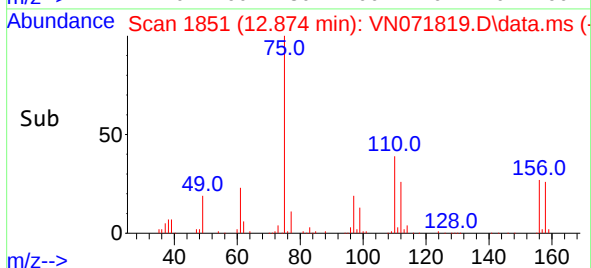
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

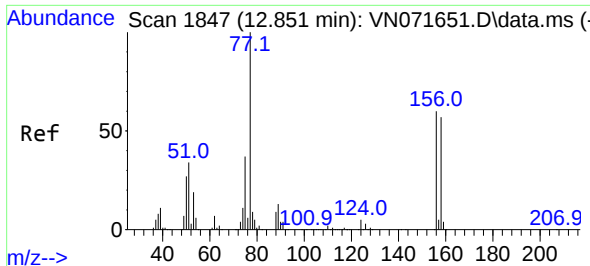


#76
1,2,3-Trichloropropane
Concen: 43.516 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



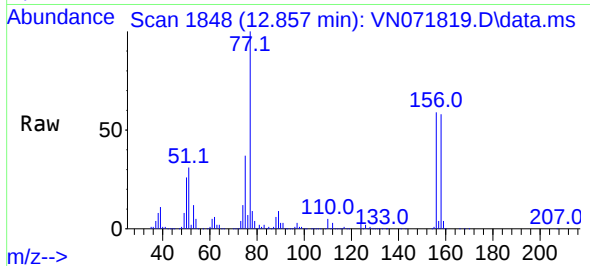
Tgt Ion: 75 Resp: 332945
Ion Ratio Lower Upper
75 100
77 195.5 98.5 295.5





#77
Bromobenzene
Concen: 46.151 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

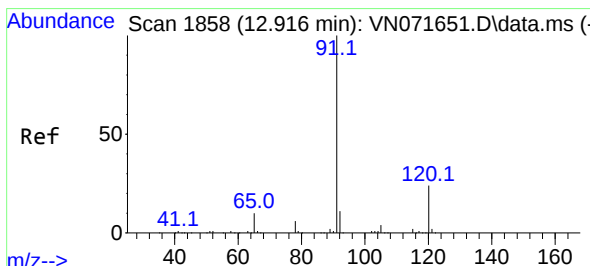
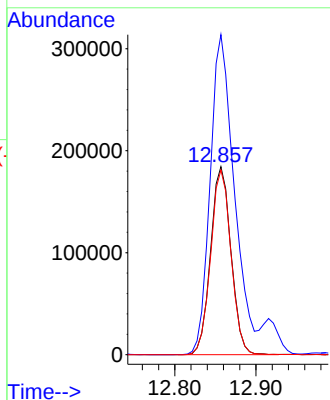
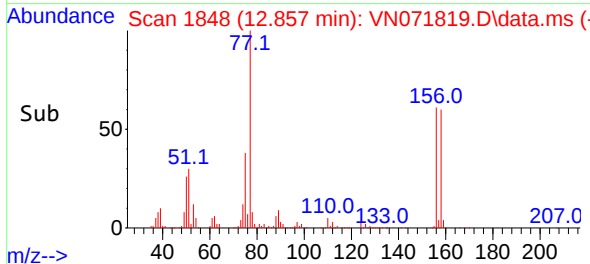
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 321990
Ion Ratio Lower Upper
156 100
77 202.2 100.5 301.5
158 97.9 48.9 146.6

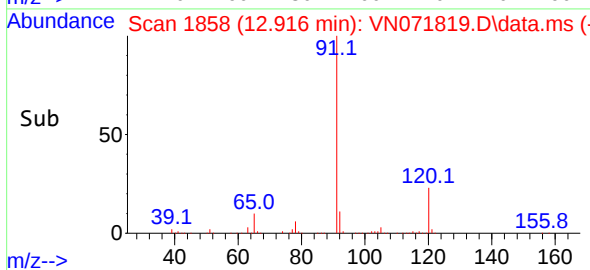
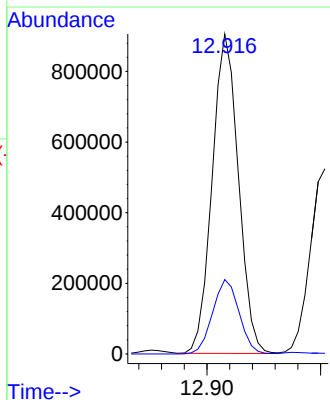
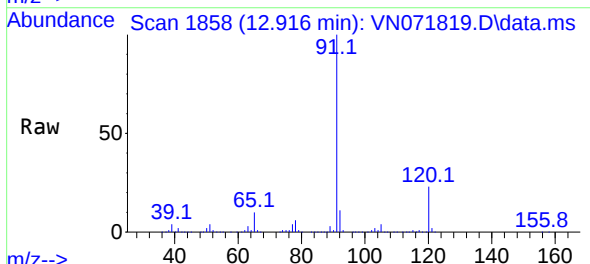
Manual Integrations
APPROVED

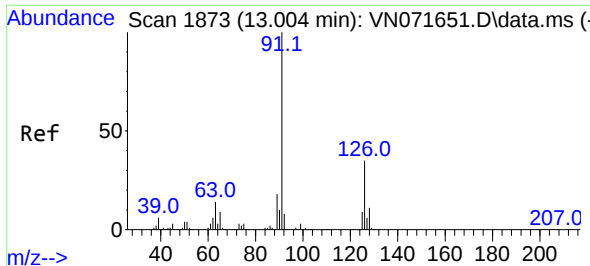
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#78
n-propylbenzene
Concen: 49.488 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

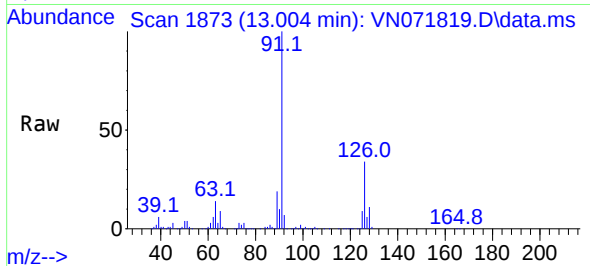
Tgt Ion: 91 Resp: 1448818
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





#79
2-Chlorotoluene
Concen: 48.085 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

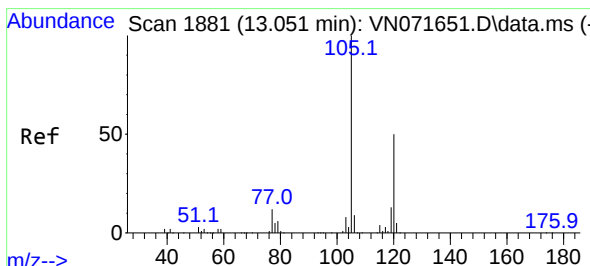
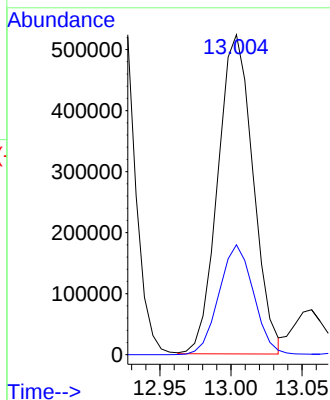
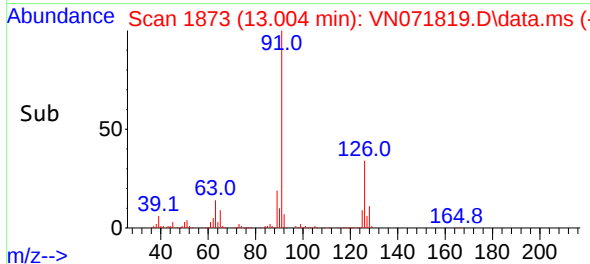
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



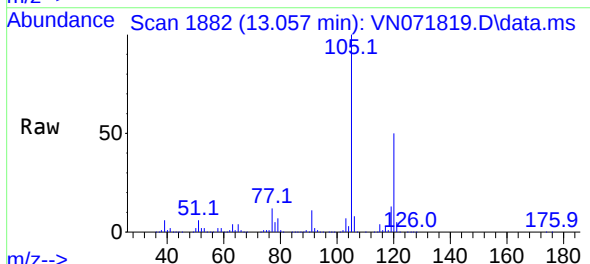
Tgt Ion: 91 Resp: 90281
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.9

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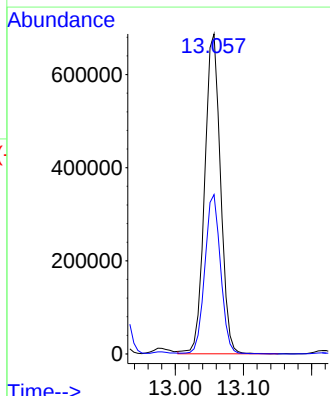
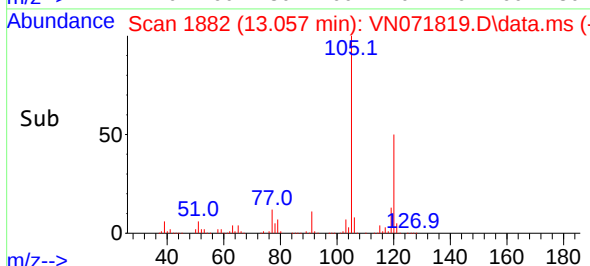
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

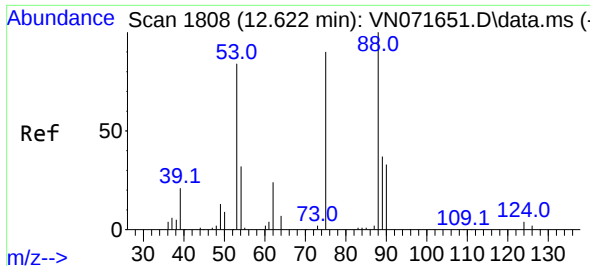


#80
1,3,5-Trimethylbenzene
Concen: 50.259 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



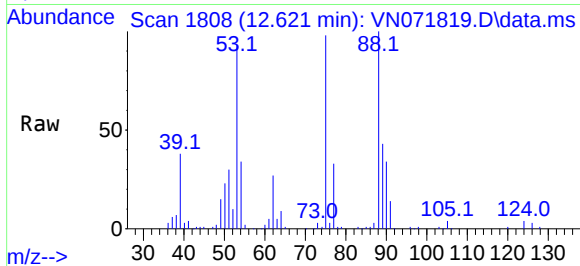
Tgt Ion:105 Resp: 1108258
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 45.209 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

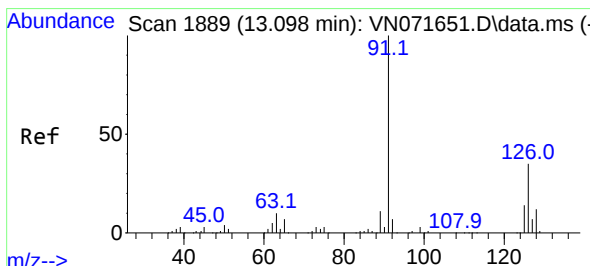
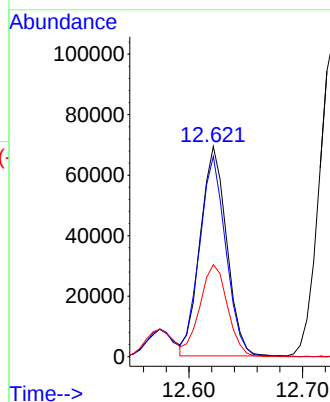
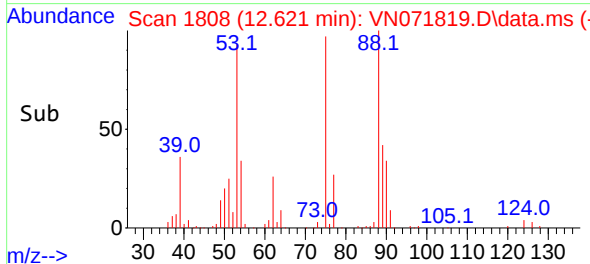
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



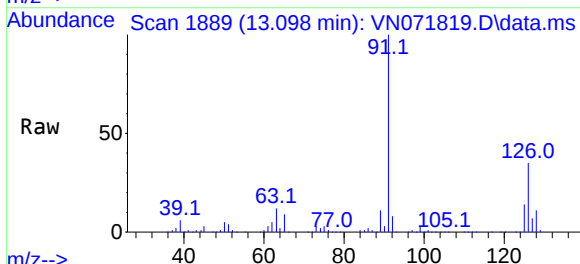
Tgt Ion: 75 Resp: 111618
Ion Ratio Lower Upper
75 100
53 95.7 78.0 117.0
89 46.2 37.2 55.8

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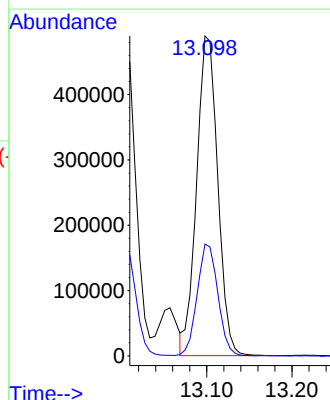
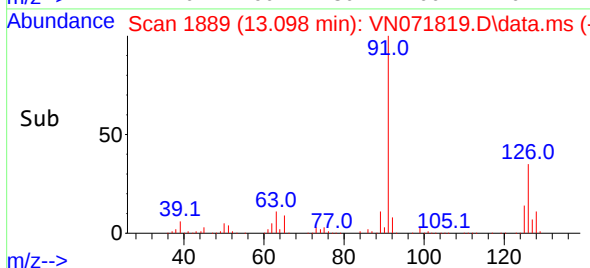
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

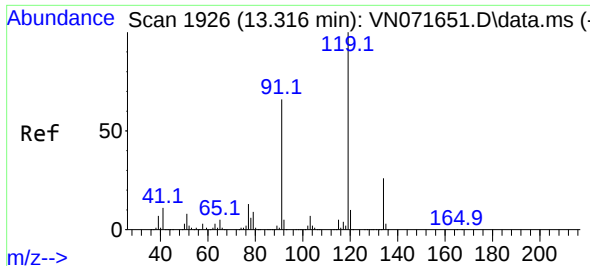


#82
4-Chlorotoluene
Concen: 48.446 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



Tgt Ion: 91 Resp: 843106
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





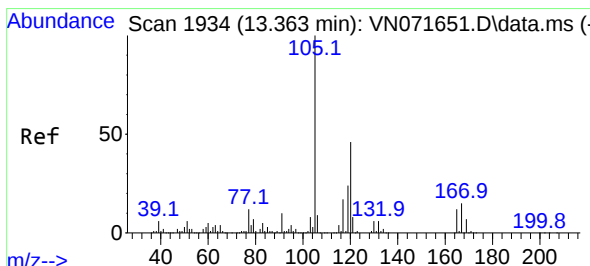
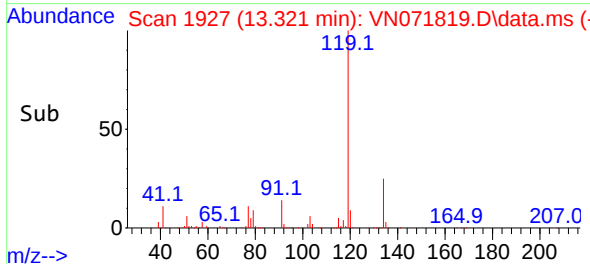
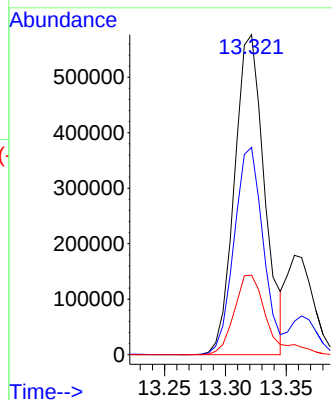
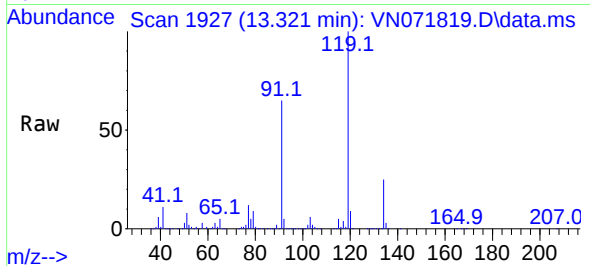
#83
tert-Butylbenzene
Concen: 49.111 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 98993
Ion Ratio Lower Upper
119 100
91 62.6 31.6 94.8
134 27.2 13.7 41.1

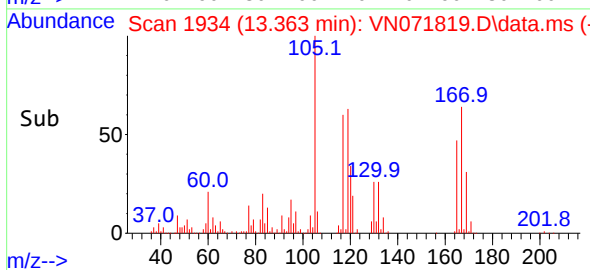
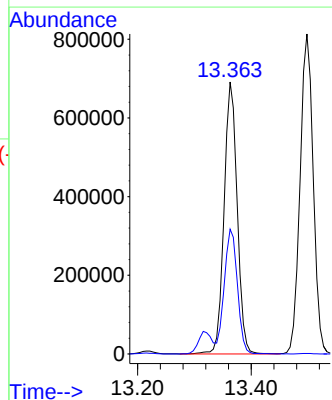
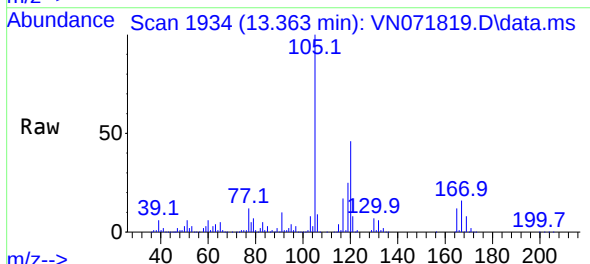
Manual Integrations
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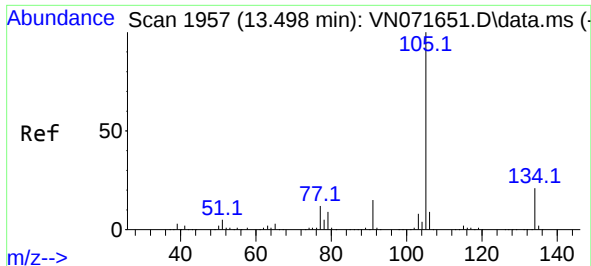
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.664 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Tgt Ion:105 Resp: 1111554
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 49.858 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071819.D
 Acq: 02 Apr 2022 23:47

Instrument :

MSVOA_N

ClientSampleId :

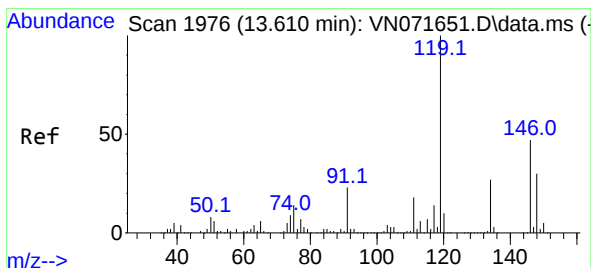
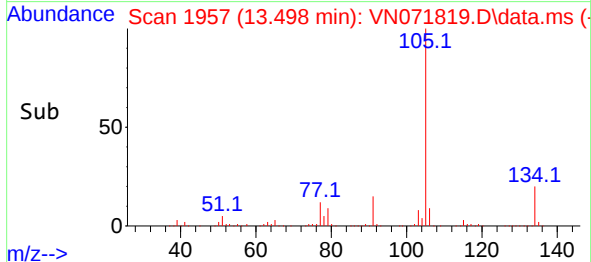
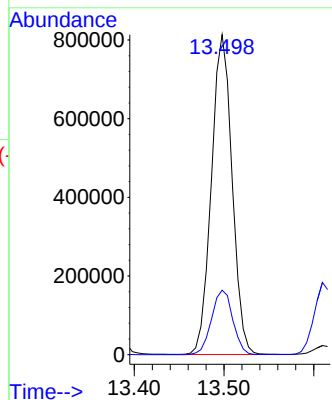
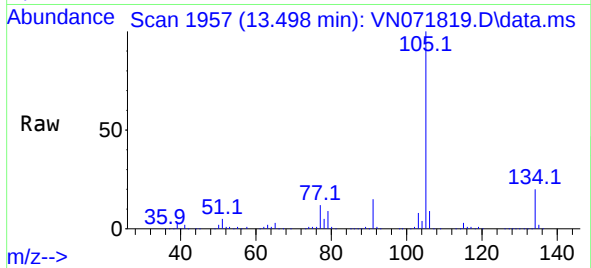
VSTDCCC050EC

Tgt Ion:105 Resp: 1302794
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

Manual Integrations

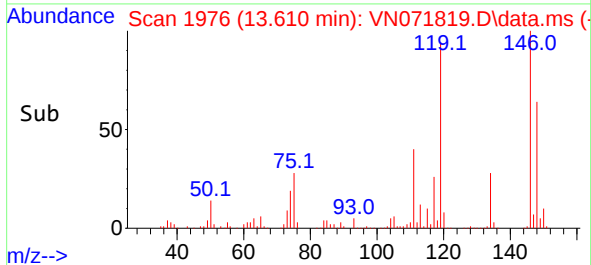
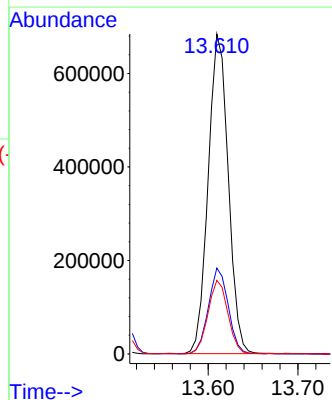
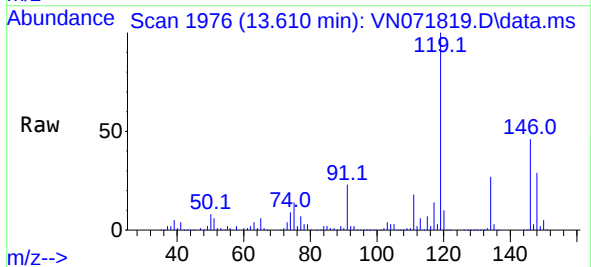
APPROVED

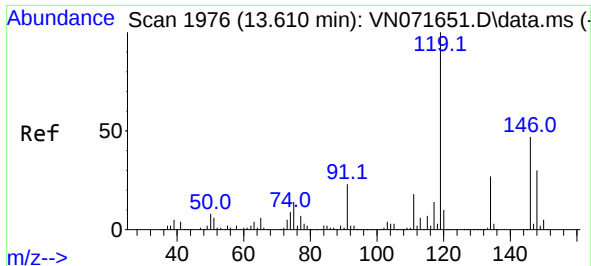
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022



#86
 p-Isopropyltoluene
 Concen: 50.963 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071819.D
 Acq: 02 Apr 2022 23:47

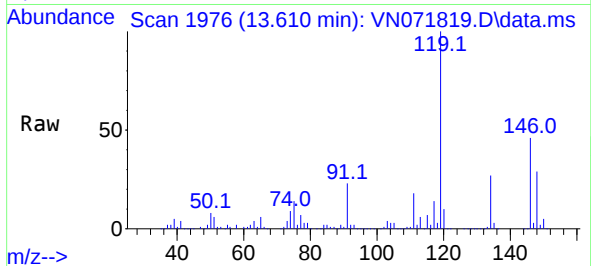
Tgt Ion:119 Resp: 1061790
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.108 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

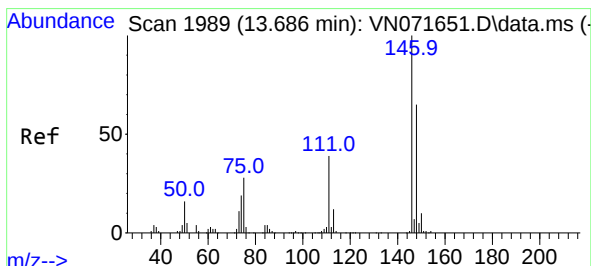
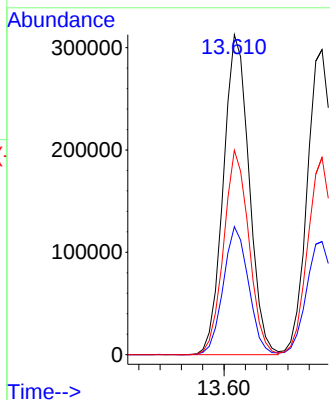
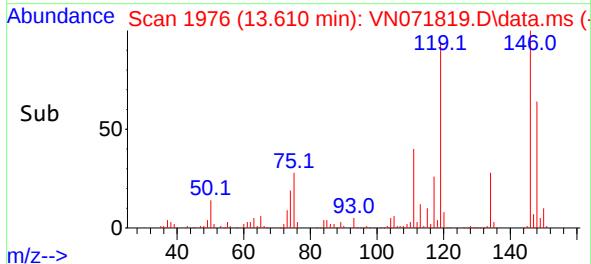
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



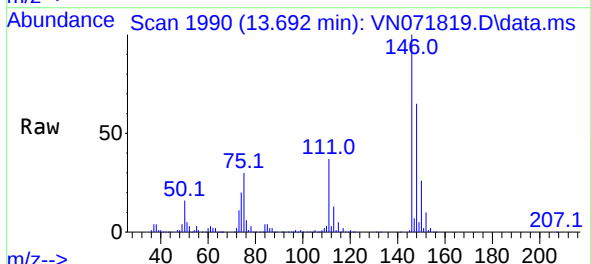
Tgt Ion:146 Resp: 52360
Ion Ratio Lower Upper
146 100
111 39.3 20.0 60.0
148 62.9 32.0 96.0

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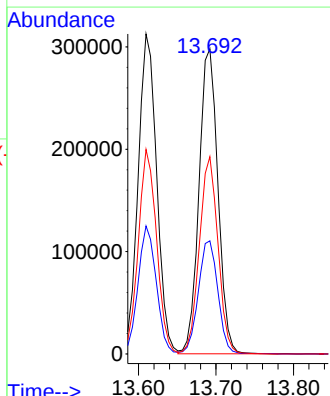
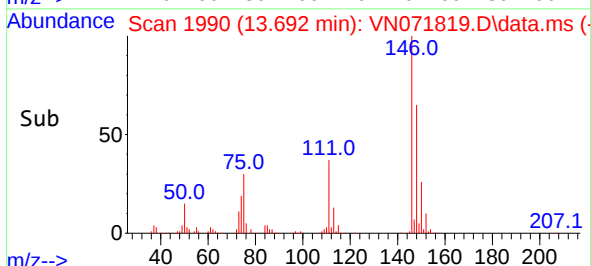
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

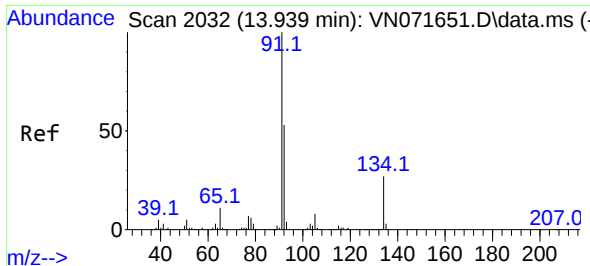


#88
1,4-Dichlorobenzene
Concen: 46.585 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



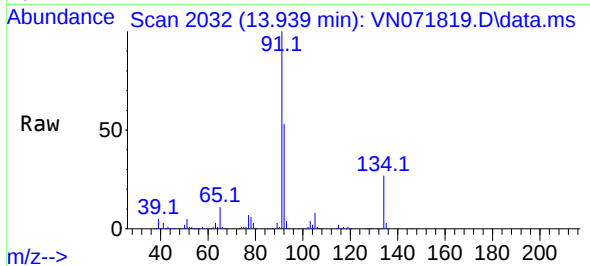
Tgt Ion:146 Resp: 505163
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.1
148 63.9 31.4 94.3





#89
n-Butylbenzene
Concen: 49.952 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

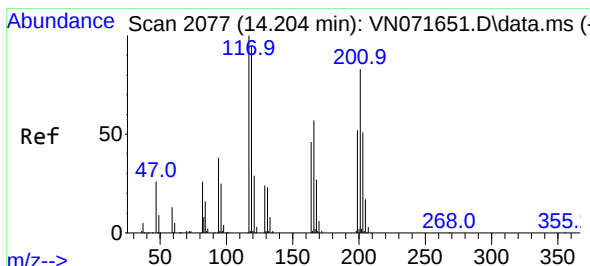
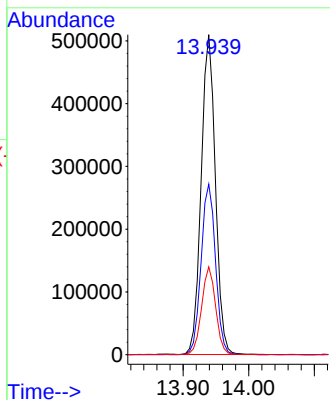
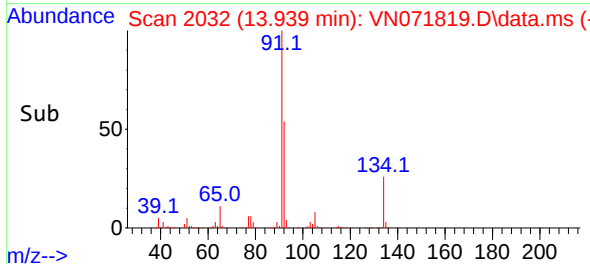
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 771899
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 27.1 13.6 40.8

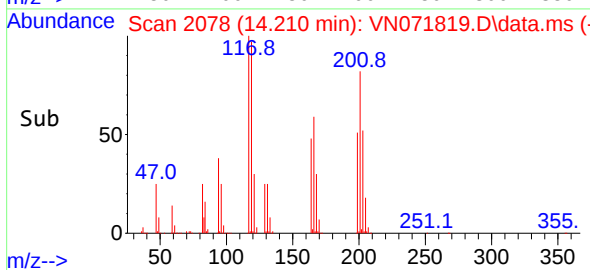
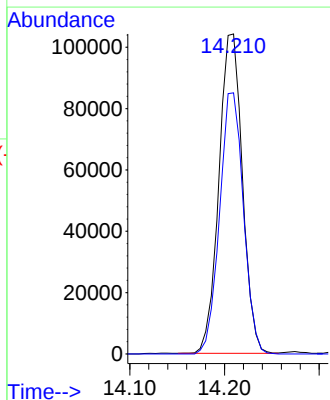
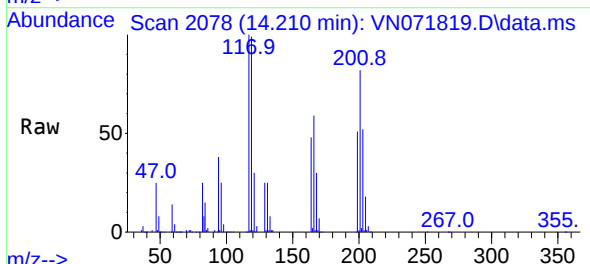
Manual Integrations
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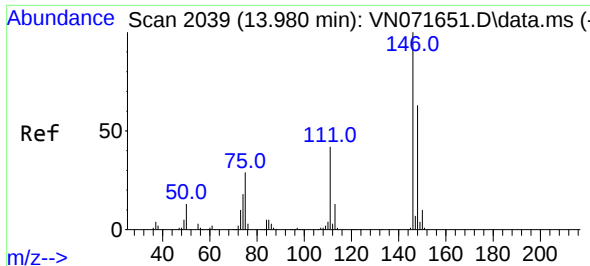
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#90
Hexachloroethane
Concen: 47.056 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Tgt Ion:117 Resp: 179467
Ion Ratio Lower Upper
117 100
201 82.9 40.6 122.0





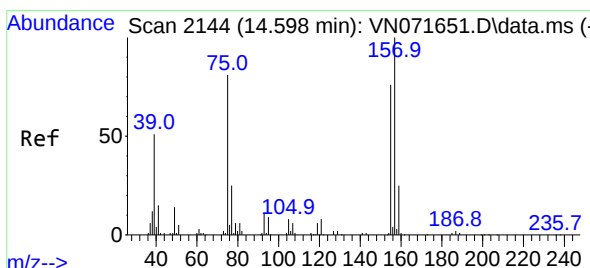
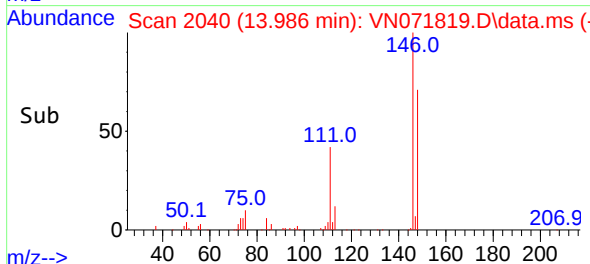
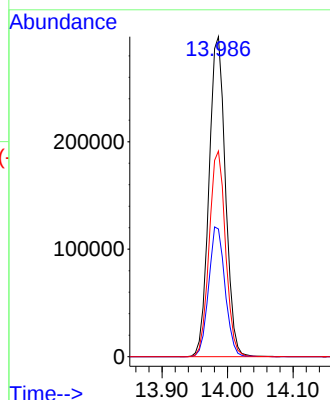
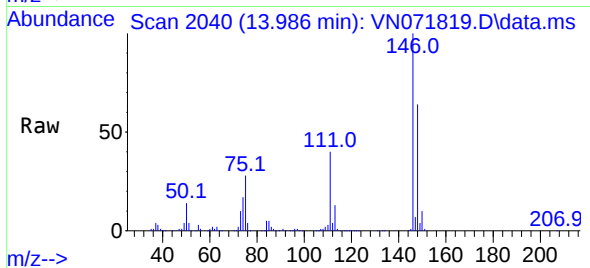
#91
1,2-Dichlorobenzene
Concen: 47.510 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 518428
Ion Ratio Lower Upper
146 100
111 40.5 20.9 62.8
148 64.0 32.1 96.3

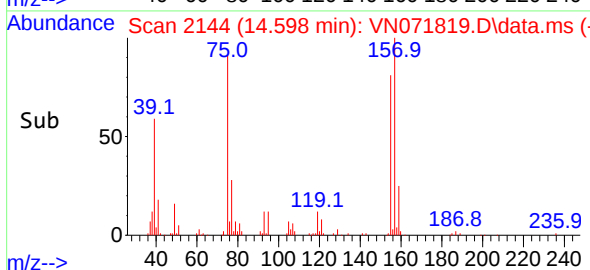
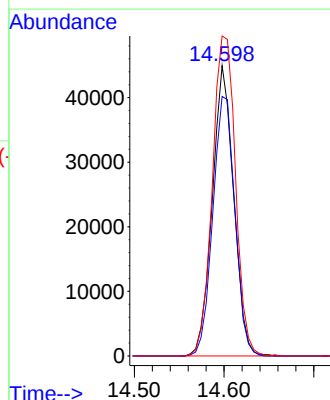
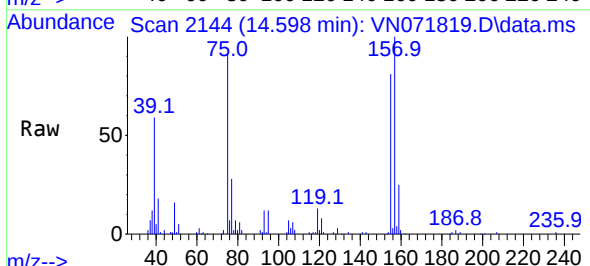
Manual Integrations
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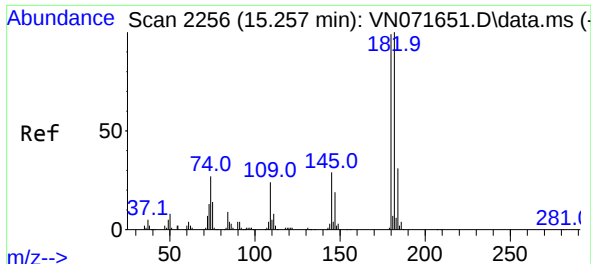
Reviewed By :John Carbone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.631 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

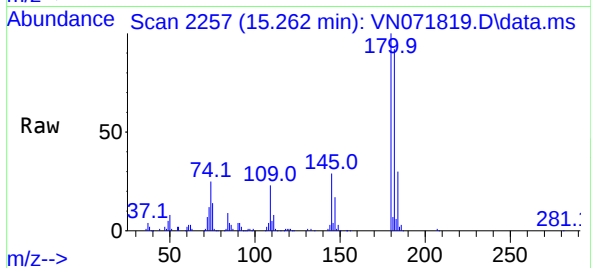
Tgt Ion: 75 Resp: 74369
Ion Ratio Lower Upper
75 100
155 92.4 44.9 134.5
157 118.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 45.984 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

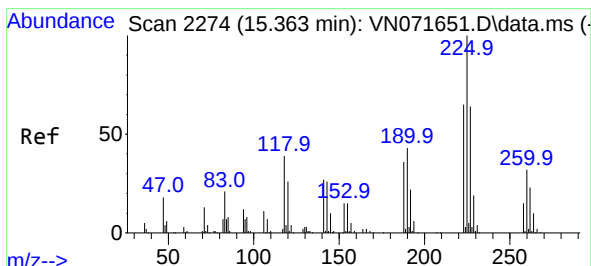
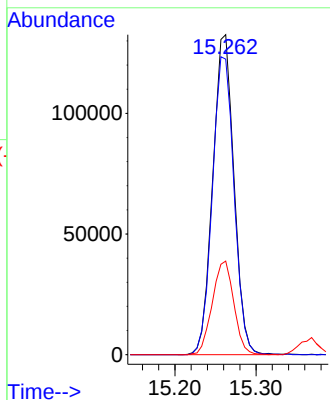
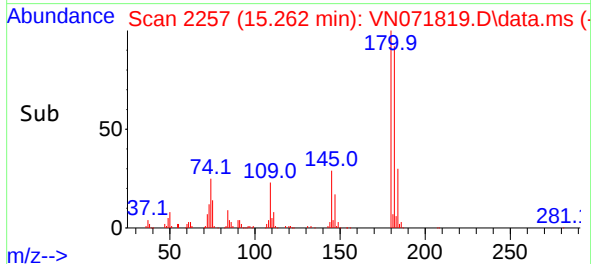
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



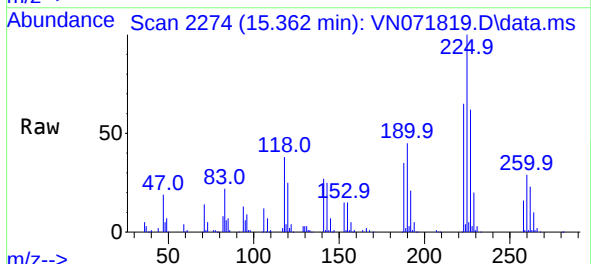
Tgt Ion:180 Resp: 240789
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 29.7 14.5 43.5

Manual Integrations
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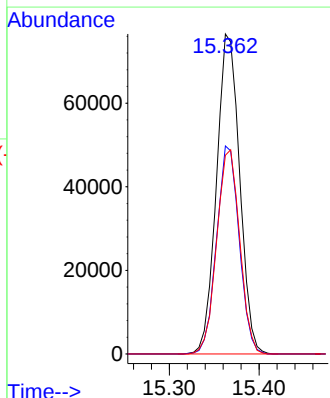
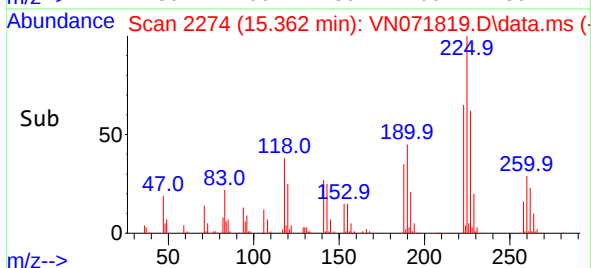
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

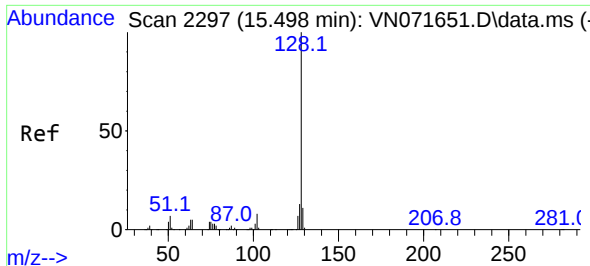


#94
Hexachlorobutadiene
Concen: 42.595 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47



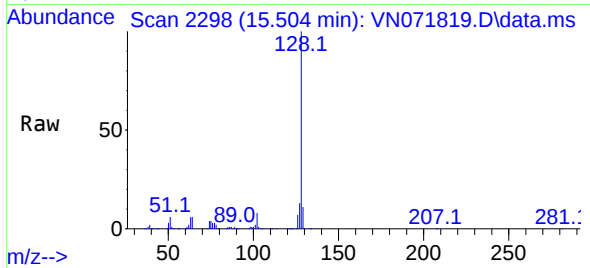
Tgt Ion:225 Resp: 137085
Ion Ratio Lower Upper
225 100
223 63.4 32.4 97.2
227 63.3 31.8 95.4





#95
Naphthalene
Concen: 53.652 ug/l
RT: 15.504 min Scan# 211439
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

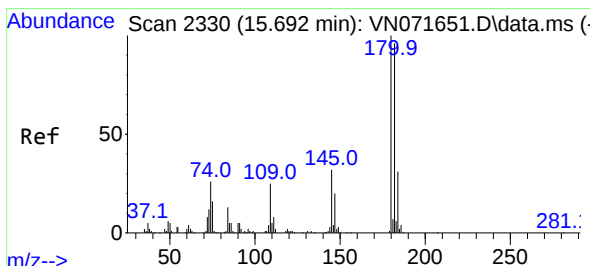
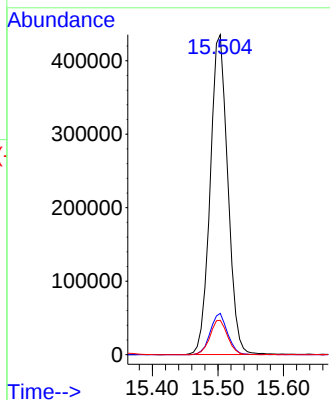
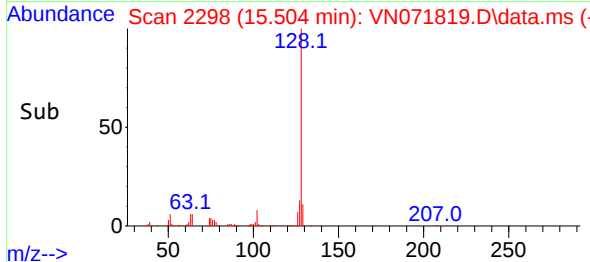
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 811439
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.527 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071819.D
Acq: 02 Apr 2022 23:47

Tgt Ion:180 Resp: 241362
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 30.9 15.5 46.5

