

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071952.D
 Acq On : 11 Apr 2022 21:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 08:43:43 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)

Internal Standards						
1) Pentafluorobenzene	8.081	168	536076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	850032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	780697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	318663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	306387	50.064	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.120%			
35) Dibromofluoromethane	8.016	113	270904	54.160	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.320%			
50) Toluene-d8	10.439	98	1079664	52.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.520%			
62) 4-Bromofluorobenzene	12.727	95	359557	54.333	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	185010	43.411	ug/l	98
3) Chloromethane	2.299	50	213819	39.592	ug/l	98
4) Vinyl Chloride	2.440	62	240506	40.553	ug/l	98
5) Bromomethane	2.822	94	149637	38.813	ug/l	97
6) Chloroethane	2.999	64	166365	38.993	ug/l	100
7) Trichlorofluoromethane	3.363	101	362368	48.025	ug/l	100
8) Diethyl Ether	3.822	74	171151	53.672	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.204	101	233000	50.110	ug/l	98
10) Methyl Iodide	4.416	142	314316	48.358	ug/l	99
11) Tert butyl alcohol	5.369	59	309658	311.790	ug/l	100
12) 1,1-Dichloroethene	4.175	96	218712	49.429	ug/l	93
13) Acrolein	4.040	56	316969	261.748	ug/l	100
14) Allyl chloride	4.840	41	354975	49.427	ug/l	92
15) Acrylonitrile	5.545	53	884158	306.276	ug/l	99
16) Acetone	4.281	43	636436	243.338	ug/l	94
17) Carbon Disulfide	4.528	76	395233	38.930	ug/l	100
18) Methyl Acetate	4.851	43	380137	58.965	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	916342	55.744	ug/l	96
20) Methylene Chloride	5.093	84	285107	51.718	ug/l	98
21) trans-1,2-Dichloroethene	5.592	96	235699	48.523	ug/l	98
22) Diisopropyl ether	6.492	45	842158	53.864	ug/l	96
23) Vinyl Acetate	6.428	43	3555950	286.007	ug/l	99
24) 1,1-Dichloroethane	6.387	63	488661	53.240	ug/l	97
25) 2-Butanone	7.328	43	1078426	286.018	ug/l	97
26) 2,2-Dichloropropane	7.322	77	356890	45.263	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	318245	53.428	ug/l	95
28) Bromochloromethane	7.657	49	187644	50.680	ug/l	95
29) Tetrahydrofuran	7.681	42	699041	286.324	ug/l	97
30) Chloroform	7.816	83	518013	53.450	ug/l	100
31) Cyclohexane	8.092	56	368011	44.217	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	432455	52.159	ug/l	98
36) 1,1-Dichloropropene	8.216	75	341062	48.828	ug/l	99
37) Ethyl Acetate	7.404	43	417632	54.625	ug/l	97
38) Carbon Tetrachloride	8.204	117	355731	51.964	ug/l	98
39) Methylcyclohexane	9.457	83	399997	48.107	ug/l	99
40) Benzene	8.457	78	1136607	51.511	ug/l	100

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 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	225568	60.256	ug/l	91
42) 1,2-Dichloroethane	8.528	62	378638	49.606	ug/l	97
43) Isopropyl Acetate	8.557	43	817934	64.320	ug/l	93
44) Trichloroethene	9.210	130	292909	51.526	ug/l	99
45) 1,2-Dichloropropane	9.486	63	300238	54.466	ug/l	99
46) Dibromomethane	9.575	93	197931	52.885	ug/l	98
47) Bromodichloromethane	9.757	83	411929	55.913	ug/l	99
48) Methyl methacrylate	9.557	41	300752	57.005	ug/l	92
49) 1,4-Dioxane	9.563	88	146584	1173.533	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2176349	297.669	ug/l	96
52) Toluene	10.498	92	742689	53.246	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	439117	56.870	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	471925	55.315	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	322448	56.171	ug/l	99
56) Ethyl methacrylate	10.757	69	507546	61.977	ug/l	92
57) 1,3-Dichloropropane	11.039	76	534748	55.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	626710	248.676	ug/l	99
59) 2-Hexanone	11.080	43	1568125	304.635	ug/l	94
60) Dibromochloromethane	11.233	129	335584	59.954	ug/l	99
61) 1,2-Dibromoethane	11.339	107	316029	55.927	ug/l	98
64) Tetrachloroethene	10.974	164	251796	48.843	ug/l	97
65) Chlorobenzene	11.763	112	832873	53.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	316453	56.100	ug/l	99
67) Ethyl Benzene	11.839	91	1429019	54.000	ug/l	97
68) m/p-Xylenes	11.951	106	1112130	109.377	ug/l	99
69) o-Xylene	12.274	106	564699	55.953	ug/l	97
70) Styrene	12.292	104	914320	59.793	ug/l	99
71) Bromoform	12.451	173	266054	61.936	ug/l #	99
73) Isopropylbenzene	12.574	105	1449072	53.963	ug/l	100
74) N-amyl acetate	12.386	43	452612	58.828	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	486958	54.350	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	425947m	57.700	ug/l	
77) Bromobenzene	12.857	156	349193	51.874	ug/l	99
78) n-propylbenzene	12.916	91	1543563	54.646	ug/l	99
79) 2-Chlorotoluene	13.004	91	970056	53.550	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1166921	54.847	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	139714	58.651	ug/l	93
82) 4-Chlorotoluene	13.098	91	897088	53.426	ug/l	100
83) tert-Butylbenzene	13.321	119	1079862	55.525	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1156033	55.689	ug/l	100
85) sec-Butylbenzene	13.498	105	1424401	56.498	ug/l	100
86) p-Isopropyltoluene	13.610	119	1165112	57.960	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	576570	53.763	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	557480	53.283	ug/l	99
89) n-Butylbenzene	13.939	91	856986	57.479	ug/l	100
90) Hexachloroethane	14.204	117	212408	57.723	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	561836	53.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	84483	60.790	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	270970	53.287	ug/l	99
94) Hexachlorobutadiene	15.362	225	158126	50.924	ug/l	98
95) Naphthalene	15.504	128	826651	56.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	278271	56.321	ug/l	99

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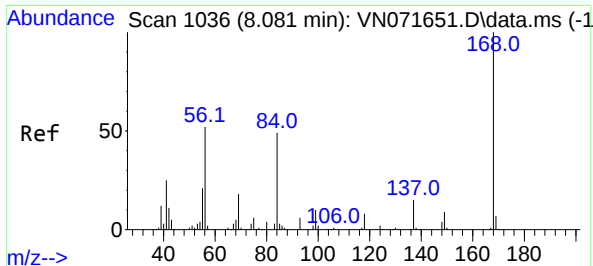
Manual Integrations
APPROVED

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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

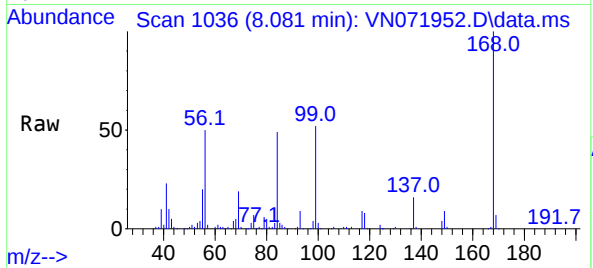
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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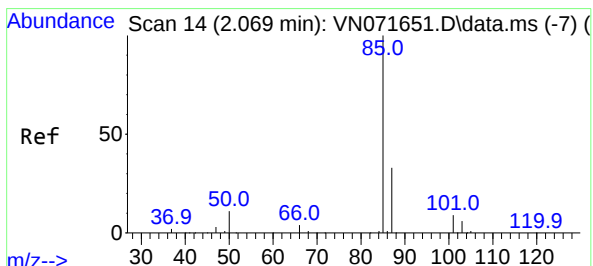
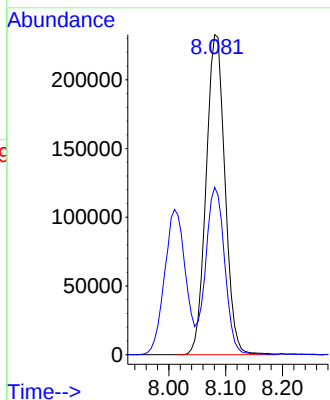
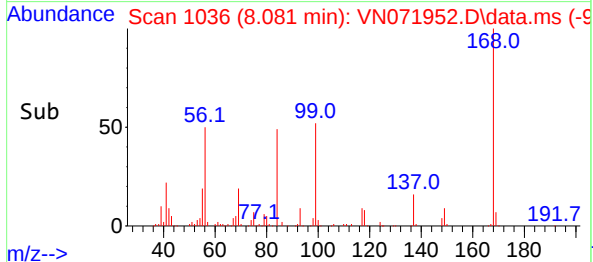
Instrument :
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:168 Resp: 536070
 Ion Ratio Lower Upper
 168 100
 99 52.2 42.3 63.5

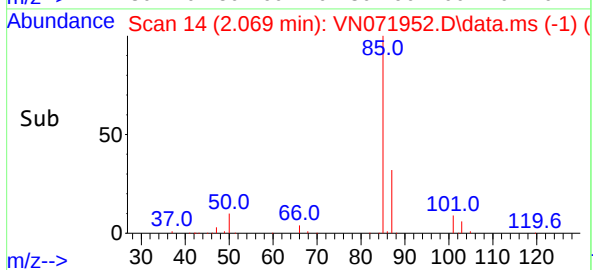
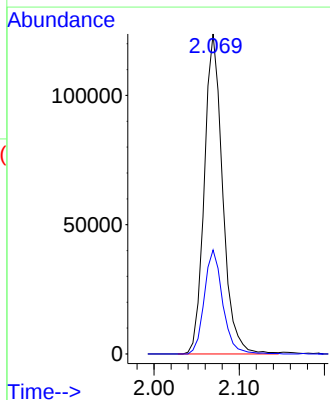
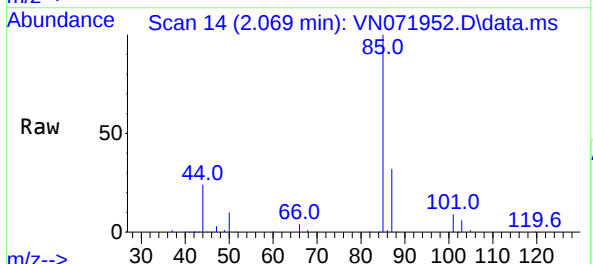
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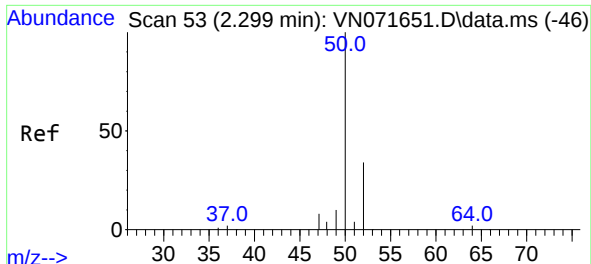
Reviewed By :John Carlone 04/12/2022
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Dichlorodifluoromethane
 Concen: 43.411 ug/l
 RT: 2.069 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VN071952.D
 Acq: 11 Apr 2022 21:42

Tgt Ion: 85 Resp: 185010
 Ion Ratio Lower Upper
 85 100
 87 32.5 15.7 47.1





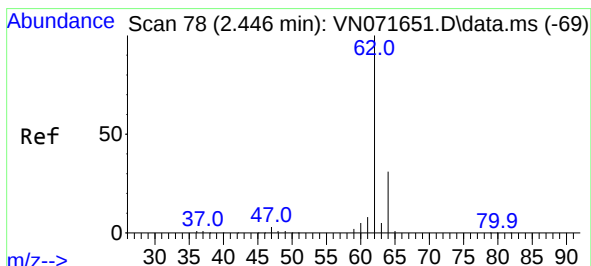
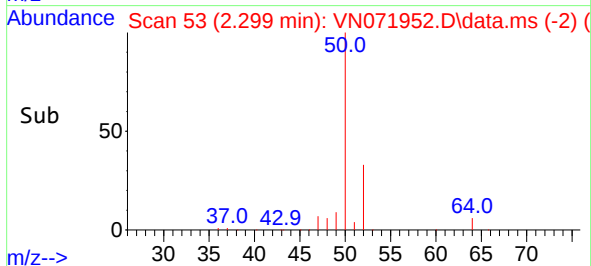
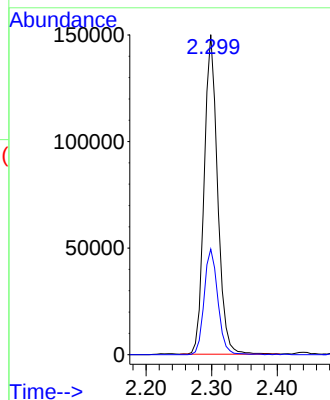
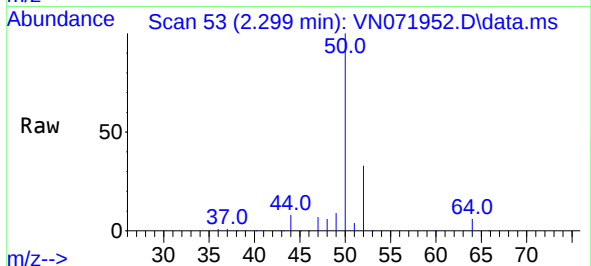
#3
Chloromethane
Concen: 39.592 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

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Tgt Ion: 50 Resp: 213819
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5

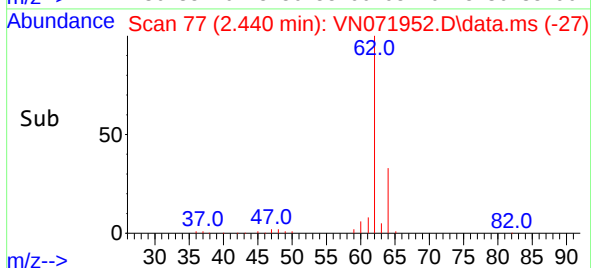
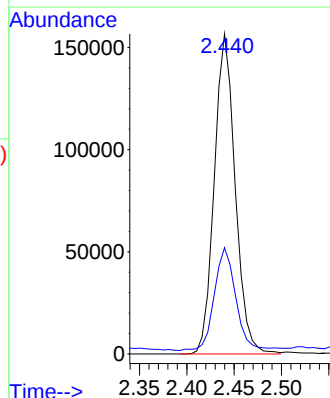
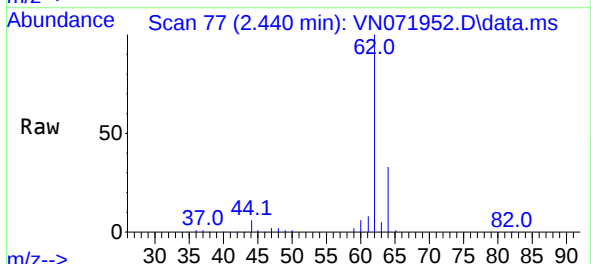
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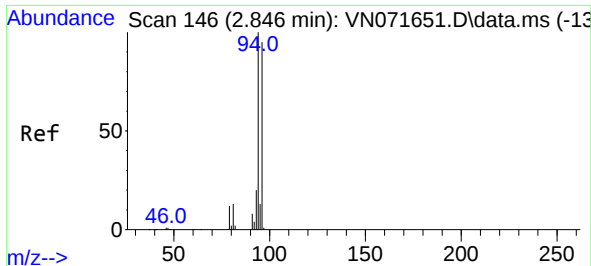
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#4
Vinyl Chloride
Concen: 40.553 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

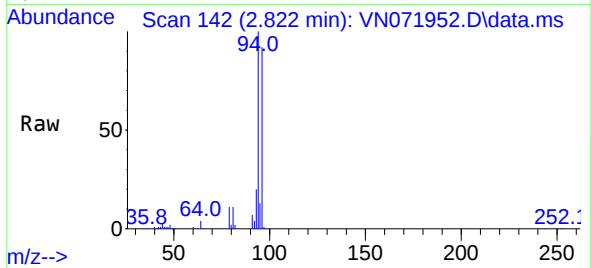
Tgt Ion: 62 Resp: 240506
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4





#5
Bromomethane
Concen: 38.813 ug/l
RT: 2.822 min Scan# 146
Delta R.T. -0.024 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

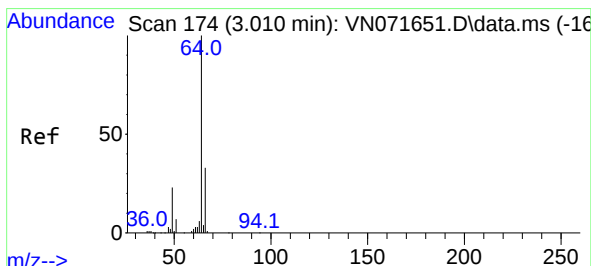
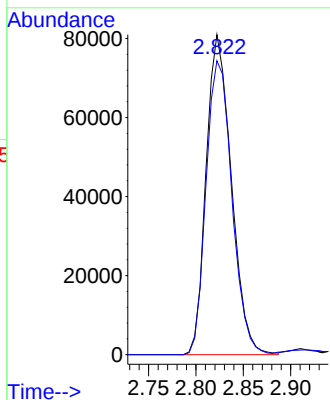
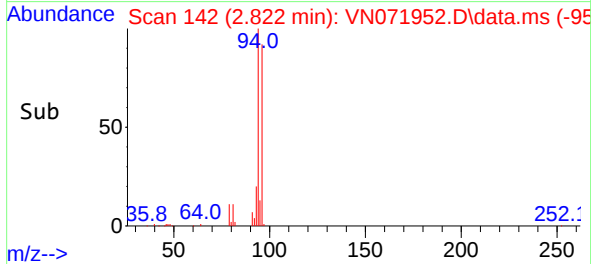
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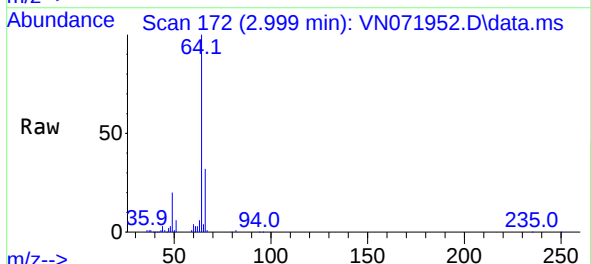
Tgt Ion: 94 Resp: 14963
Ion Ratio Lower Upper
94 100
96 91.8 76.0 114.0

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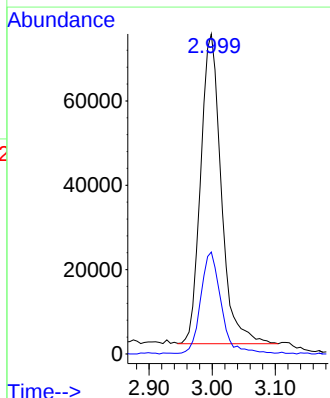
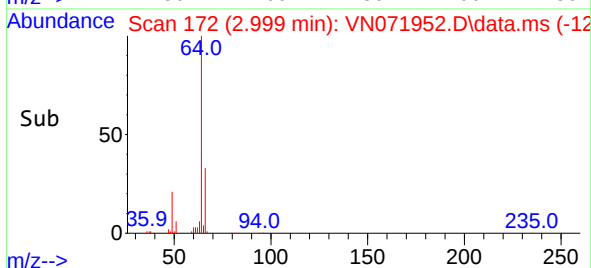
Reviewed By :John Carlone 04/12/2022
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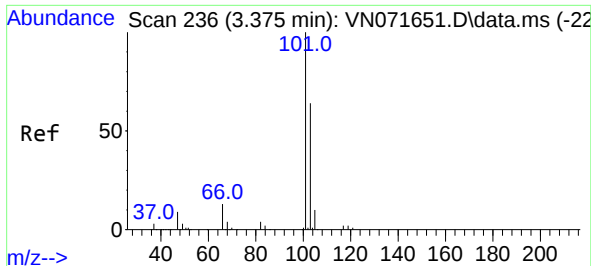


#6
Chloroethane
Concen: 38.993 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.011 min
Lab File: VN071952.D
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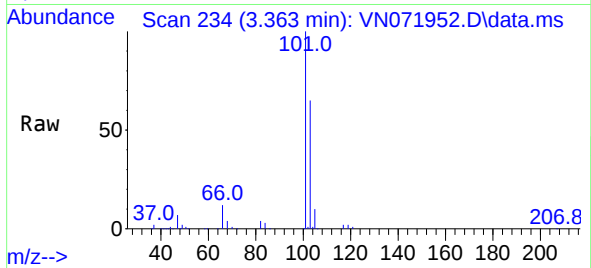
Tgt Ion: 64 Resp: 166365
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.025 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

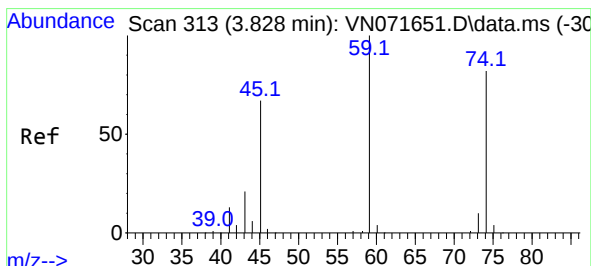
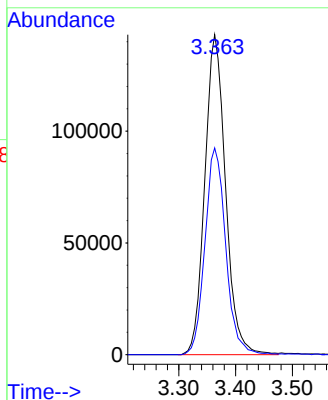
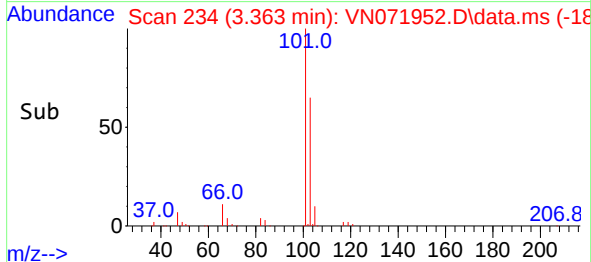
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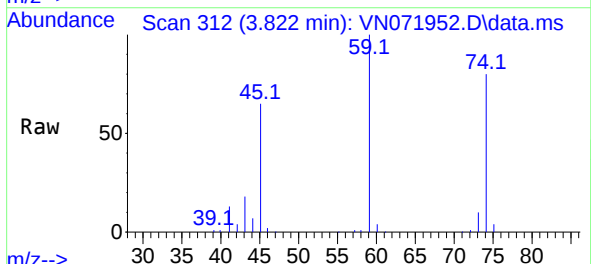
Tgt Ion:101 Resp: 362368
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

Manual Integrations
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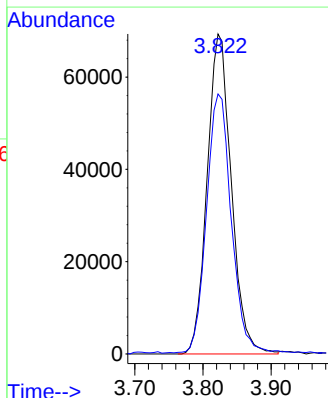
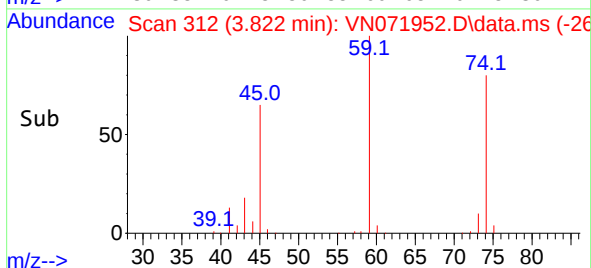
Reviewed By :John Carlone 04/12/2022
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#8
Diethyl Ether
Concen: 53.672 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
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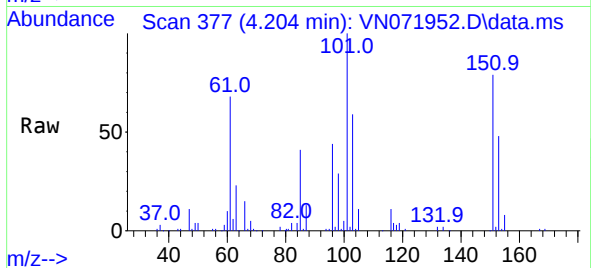
Tgt Ion: 74 Resp: 171151
Ion Ratio Lower Upper
74 100
45 82.8 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.110 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.012 min
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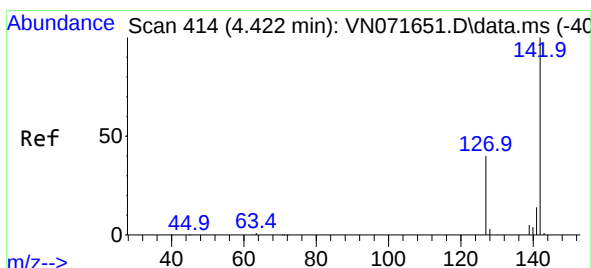
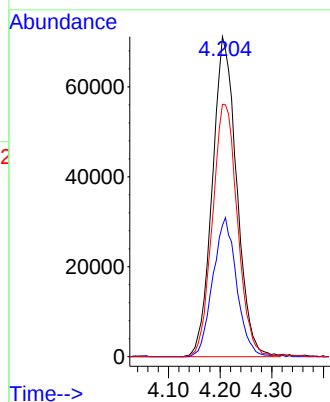
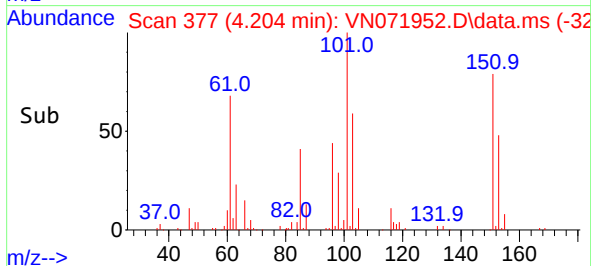
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MSVOA_N
ClientSampleId :
VSTDCCC050EC



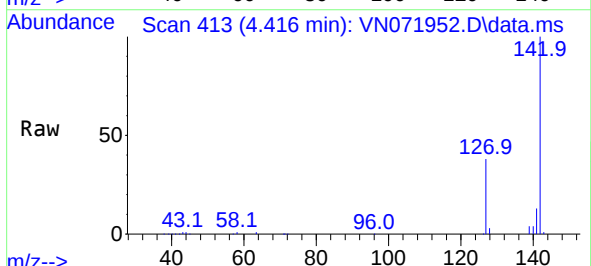
Tgt Ion:101 Resp: 233000
Ion Ratio Lower Upper
101 100
85 42.3 34.7 52.1
151 81.0 63.0 94.4

Manual Integrations
APPROVED

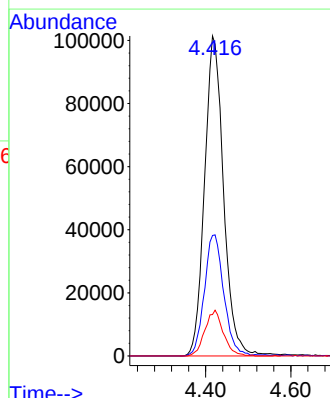
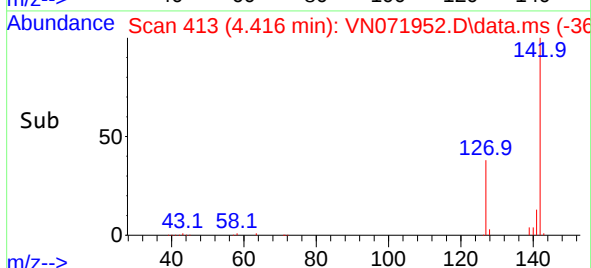
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#10
Methyl Iodide
Concen: 48.358 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



Tgt Ion:142 Resp: 314316
Ion Ratio Lower Upper
142 100
127 38.6 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 311.790 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

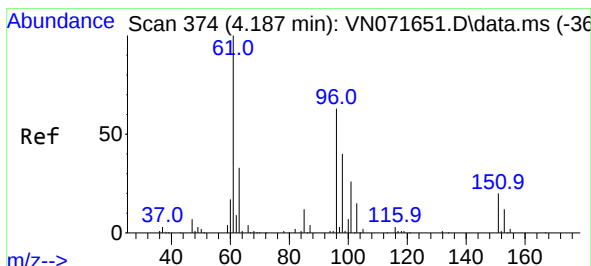
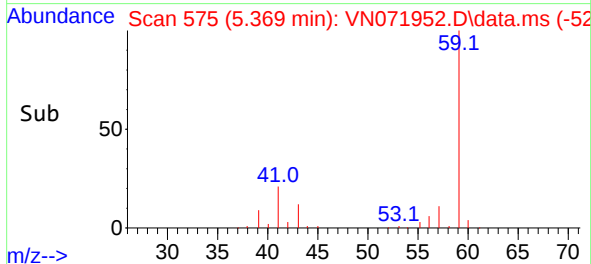
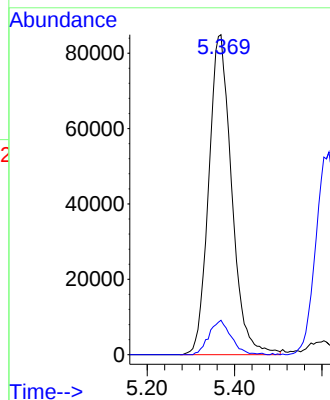
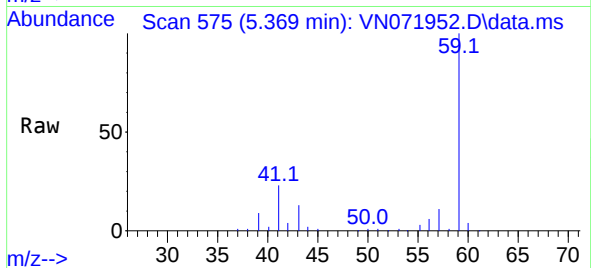
VSTDCCC050EC

Tgt Ion: 59 Resp: 309658
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations

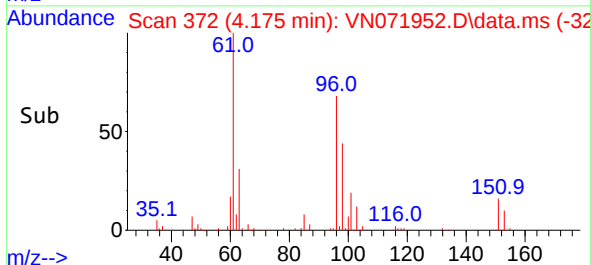
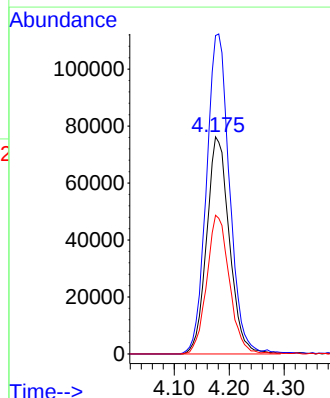
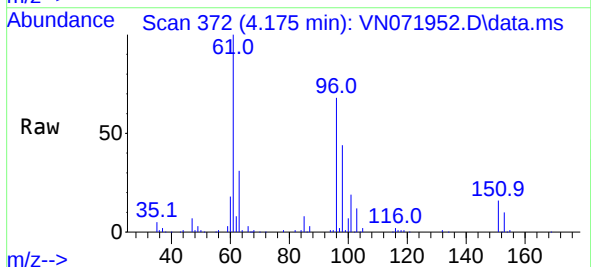
APPROVED

Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#12
1,1-Dichloroethene
Concen: 49.429 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

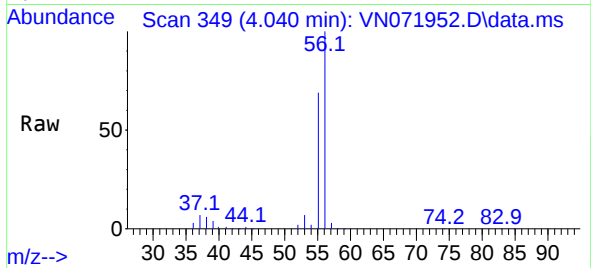
Tgt Ion: 96 Resp: 218712
Ion Ratio Lower Upper
96 100
61 146.6 127.6 191.4
98 63.9 51.2 76.8





#13
Acrolein
Concen: 261.748 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

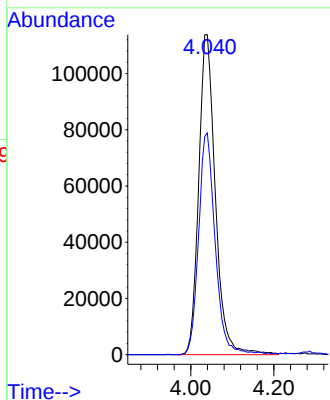
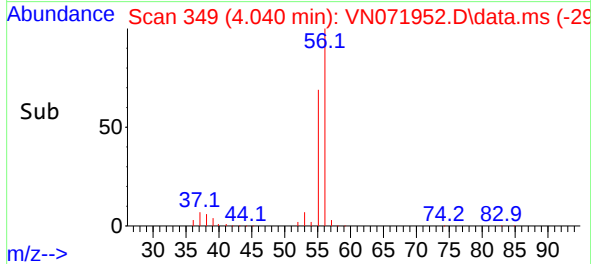
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 316969
Ion Ratio Lower Upper
56 100
55 68.8 54.8 82.2

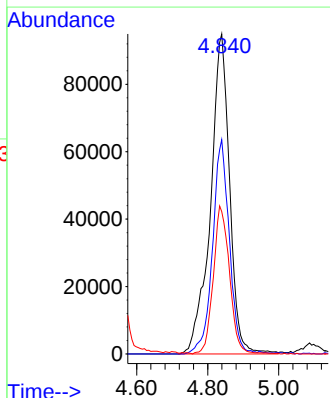
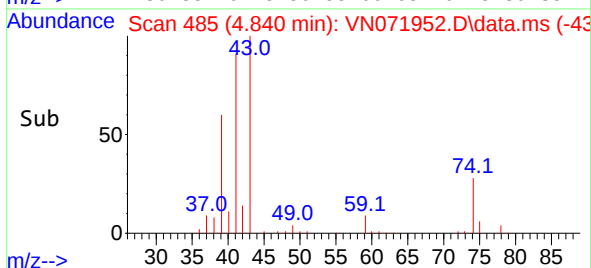
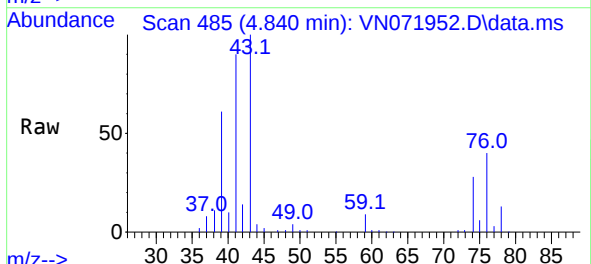
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#14
Allyl chloride
Concen: 49.427 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

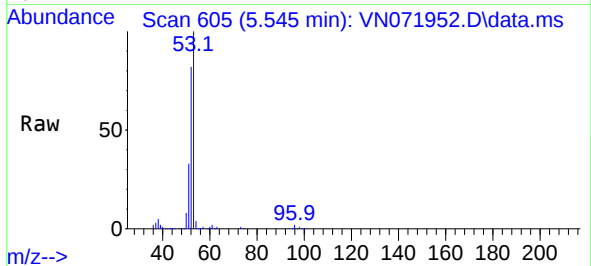
Tgt Ion: 41 Resp: 354975
Ion Ratio Lower Upper
41 100
39 58.4 53.2 79.8
76 39.1 29.9 44.9





#15
Acrylonitrile
Concen: 306.276 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

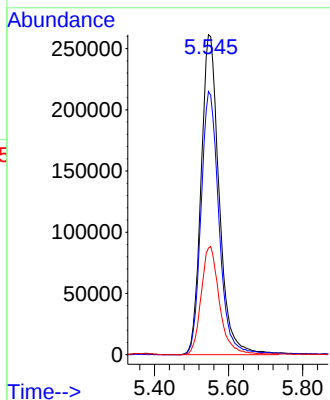
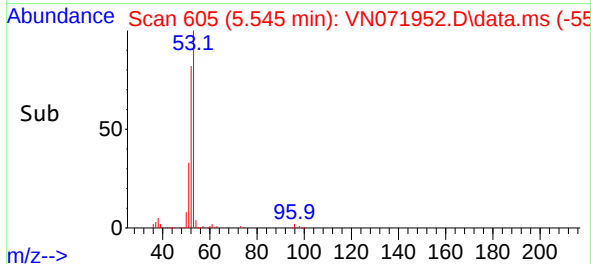
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



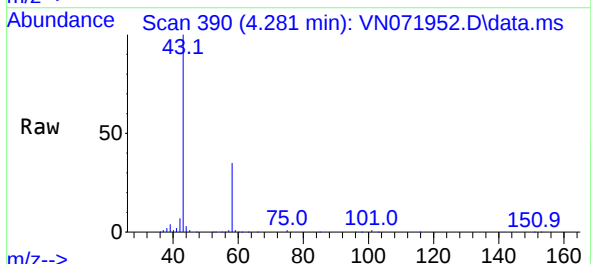
Tgt Ion: 53 Resp: 884158
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 34.1 28.5 42.7

Manual Integrations
APPROVED

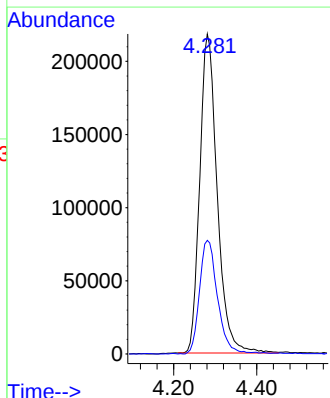
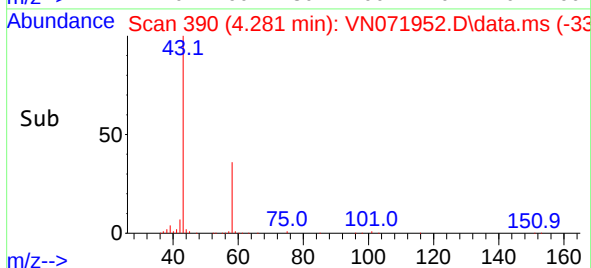
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

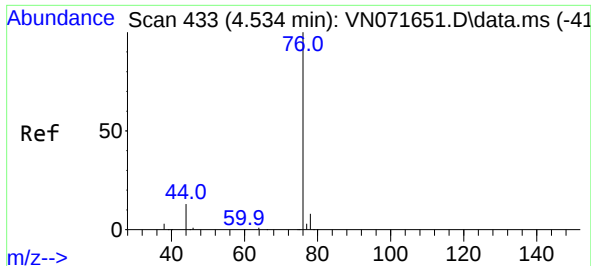


#16
Acetone
Concen: 243.338 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



Tgt Ion: 43 Resp: 636436
Ion Ratio Lower Upper
43 100
58 35.6 26.0 39.0





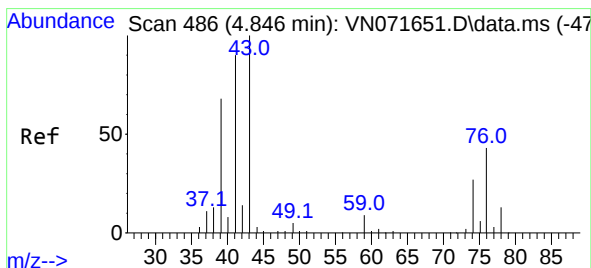
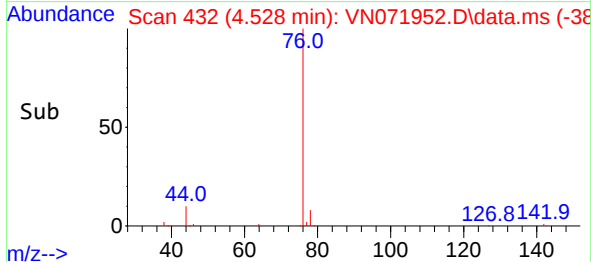
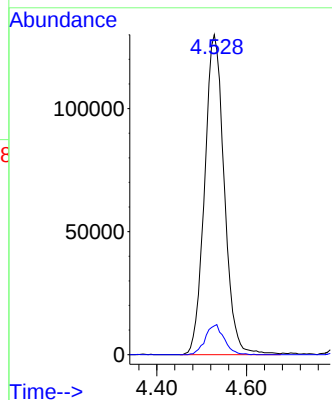
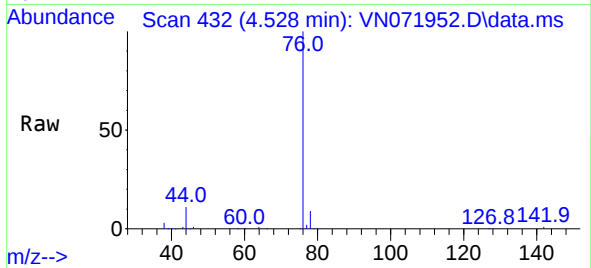
#17
Carbon Disulfide
Concen: 38.930 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 39523
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

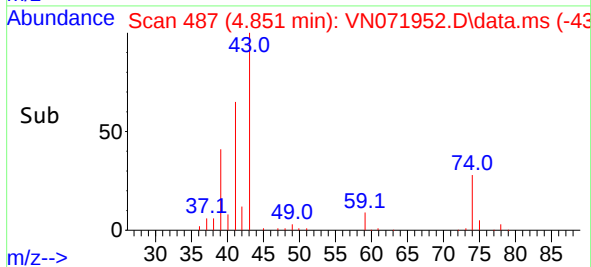
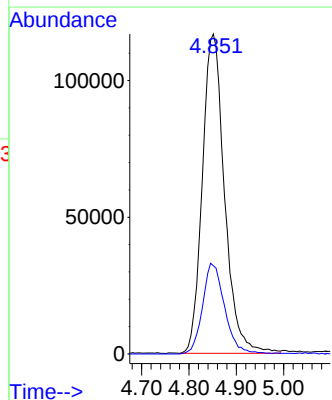
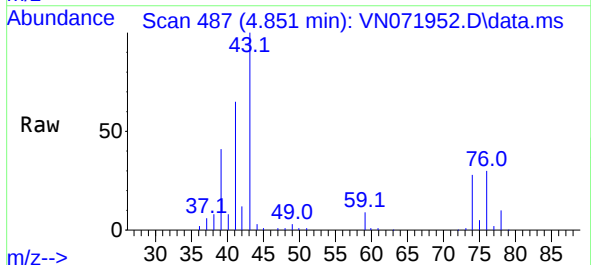
Manual Integrations
APPROVED

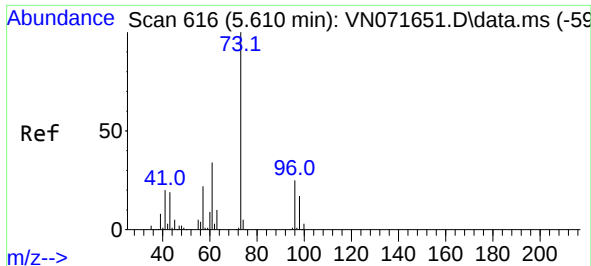
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#18
Methyl Acetate
Concen: 58.965 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

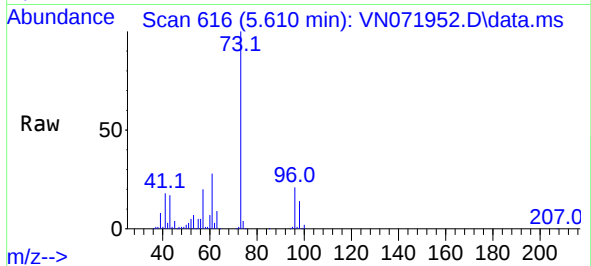
Tgt Ion: 43 Resp: 380137
Ion Ratio Lower Upper
43 100
74 28.2 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 55.744 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

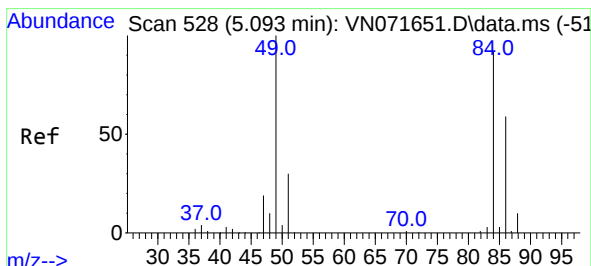
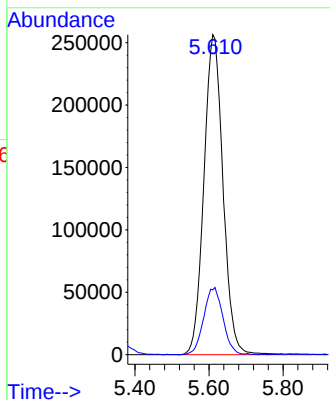
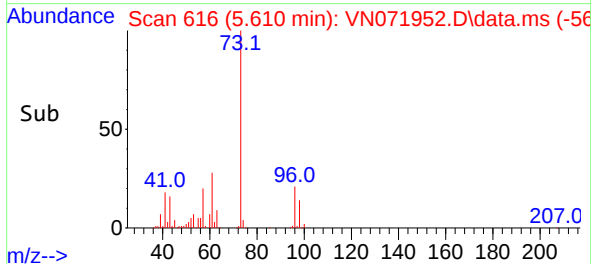
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



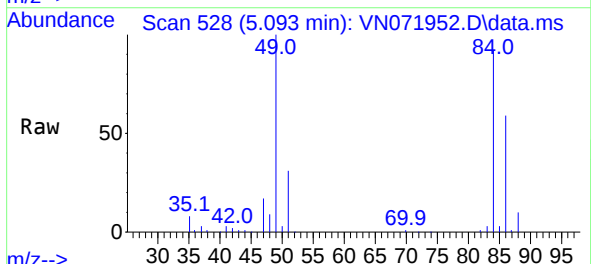
Tgt Ion: 73 Resp: 91634
Ion Ratio Lower Upper
73 100
57 20.2 17.6 26.4

Manual Integrations
APPROVED

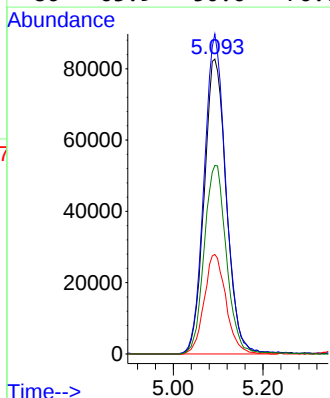
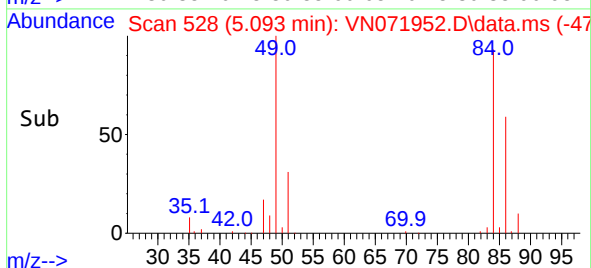
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

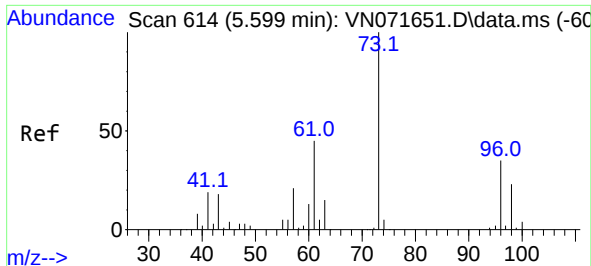


#20
Methylene Chloride
Concen: 51.718 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



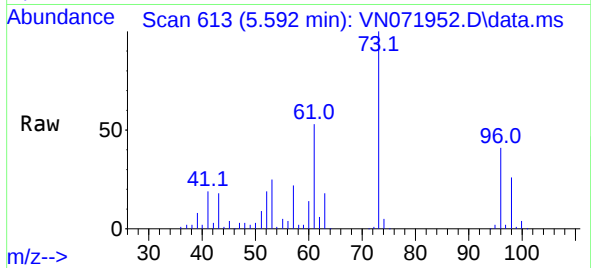
Tgt Ion: 84 Resp: 285107
Ion Ratio Lower Upper
84 100
49 108.5 88.3 132.5
51 33.7 28.2 42.2
86 63.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.523 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

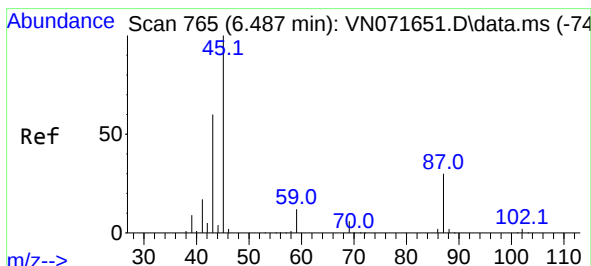
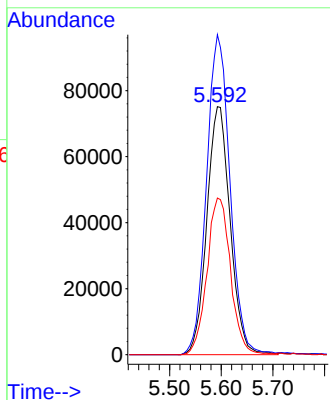
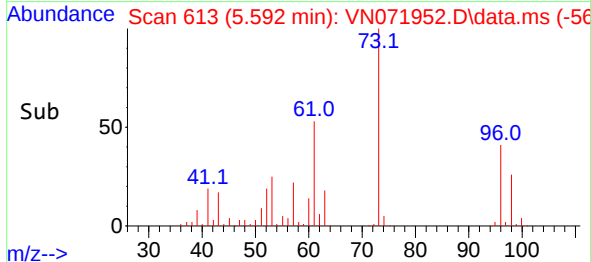
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



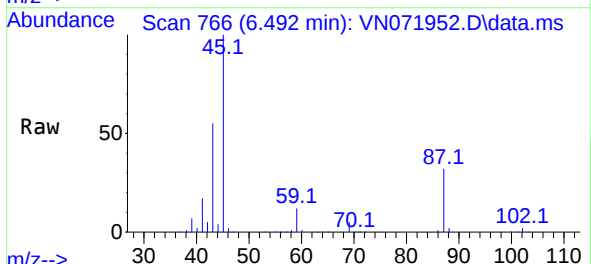
Tgt Ion: 96 Resp: 235699
Ion Ratio Lower Upper
96 100
61 129.0 105.8 158.8
98 63.2 50.3 75.5

Manual Integrations
APPROVED

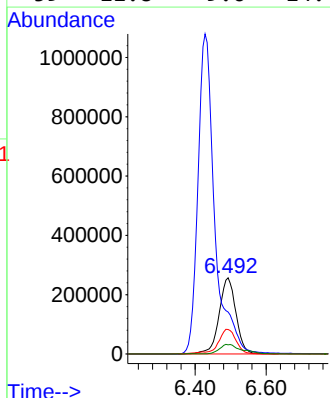
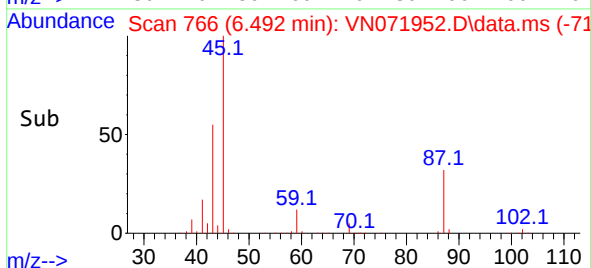
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

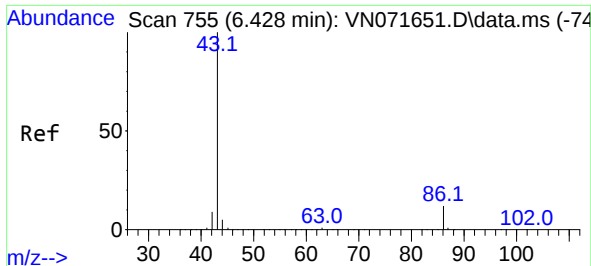


#22
Diisopropyl ether
Concen: 53.864 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



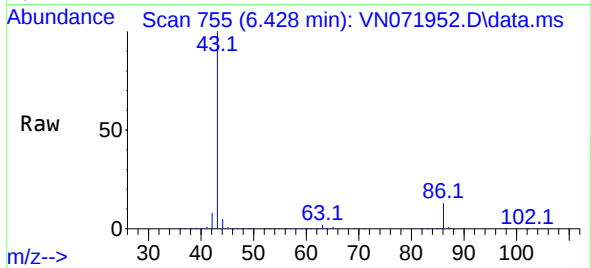
Tgt Ion: 45 Resp: 842158
Ion Ratio Lower Upper
45 100
43 54.8 46.6 70.0
87 32.1 24.3 36.5
59 11.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 286.007 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071952.D
 Acq: 11 Apr 2022 21:42

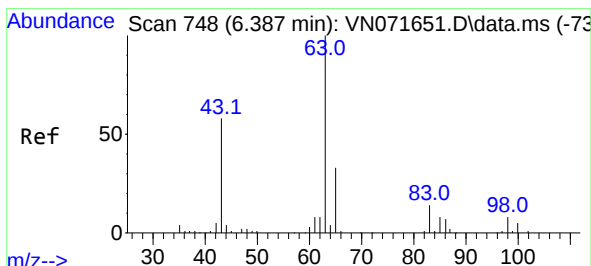
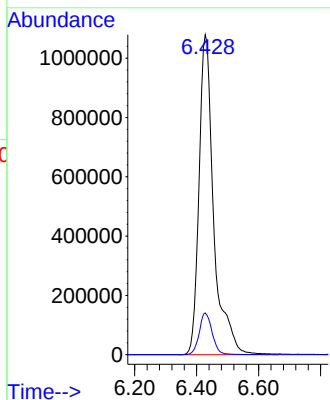
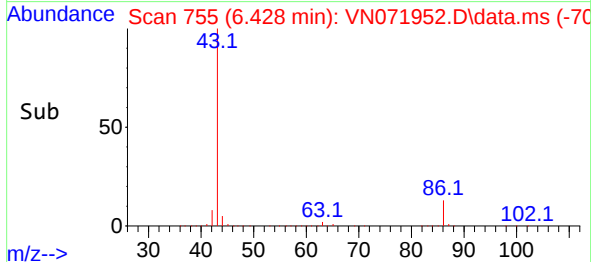
Instrument :
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 VSTDCCC050EC



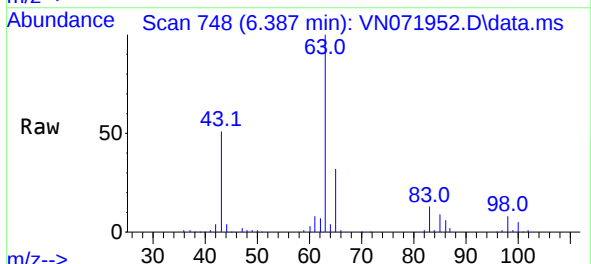
Tgt Ion: 43 Resp: 3555950
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.0 15.0

Manual Integrations
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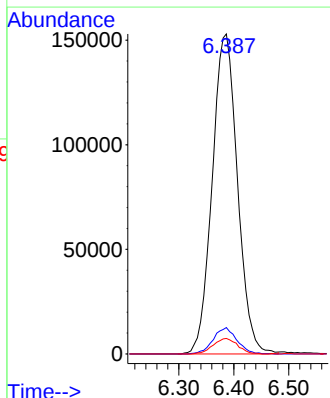
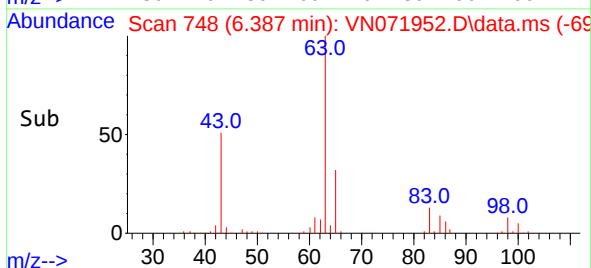
Reviewed By :John Carlone 04/12/2022
 Supervised By :Mahesh Dadoda 04/12/2022



#24
 1,1-Dichloroethane
 Concen: 53.240 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071952.D
 Acq: 11 Apr 2022 21:42



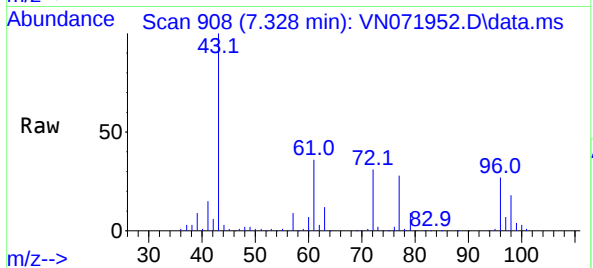
Tgt Ion: 63 Resp: 488661
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.4
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 286.018 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

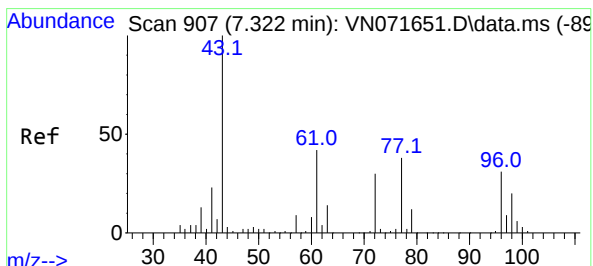
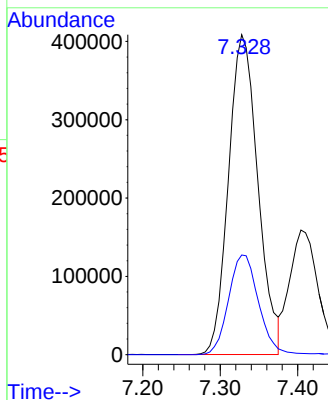
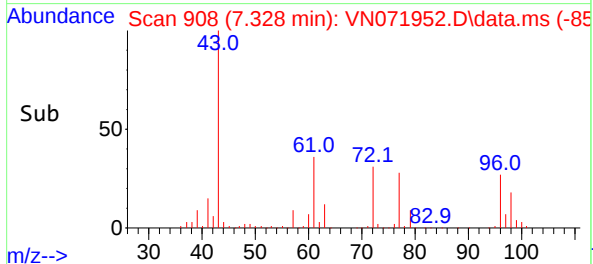
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



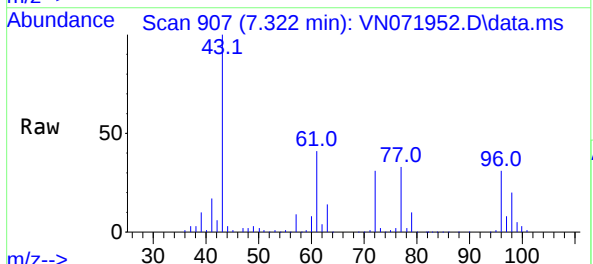
Tgt Ion: 43 Resp: 1078420
Ion Ratio Lower Upper
43 100
72 31.1 23.7 35.5

Manual Integrations
APPROVED

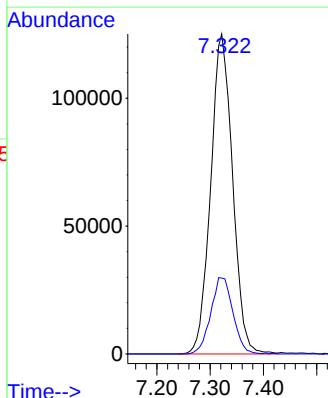
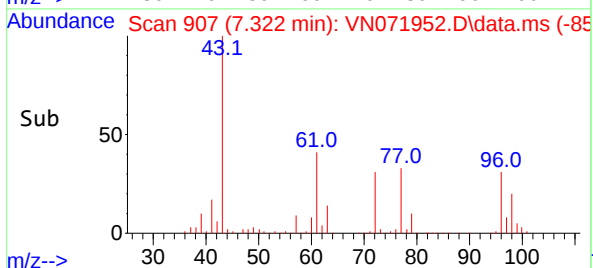
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#26
2,2-Dichloropropane
Concen: 45.263 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



Tgt Ion: 77 Resp: 356890
Ion Ratio Lower Upper
77 100
97 24.2 11.4 34.2





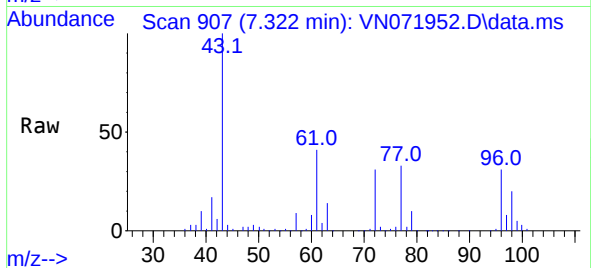
#27
cis-1,2-Dichloroethene
Concen: 53.428 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



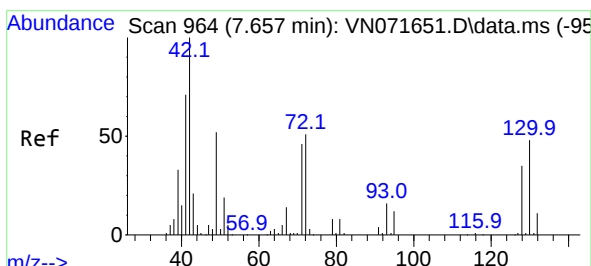
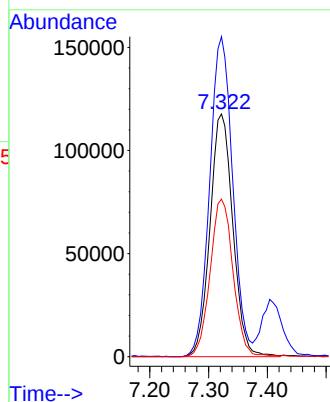
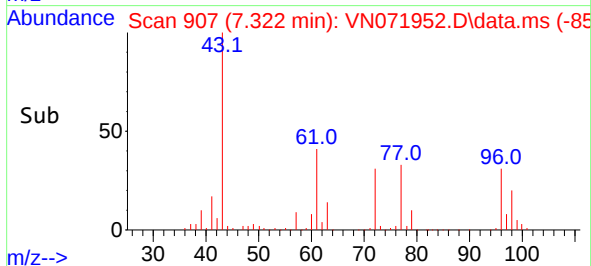
Tgt Ion: 96 Resp: 31824
Ion Ratio Lower Upper
96 100
61 132.4 0.0 280.6
98 65.3 0.0 128.4

Manual Integrations

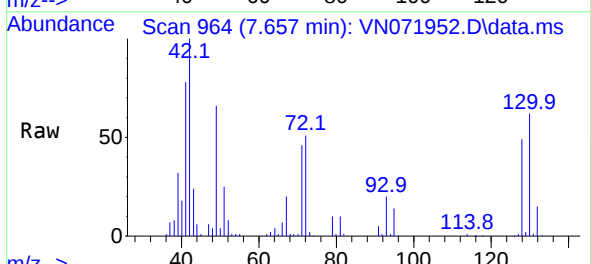
APPROVED

Reviewed By :John Carlone 04/12/2022

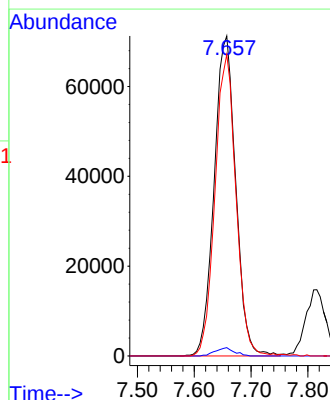
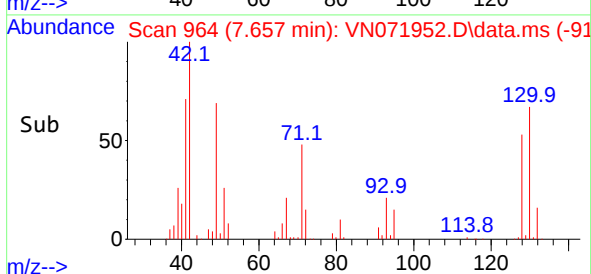
Supervised By :Mahesh Dadoda 04/12/2022



#28
Bromochloromethane
Concen: 50.680 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



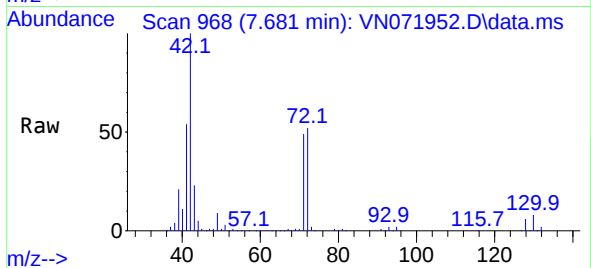
Tgt Ion: 49 Resp: 187644
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 91.8 69.7 104.5





#29
Tetrahydrofuran
Concen: 286.324 ug/l
RT: 7.681 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

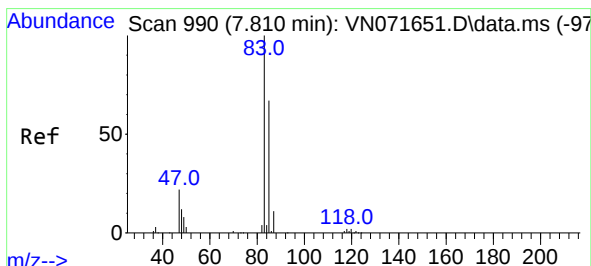
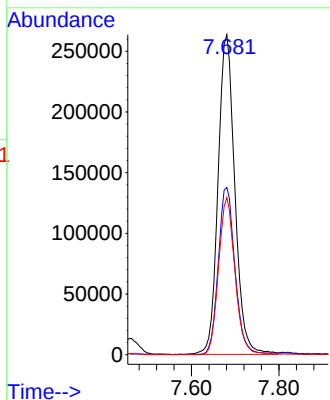
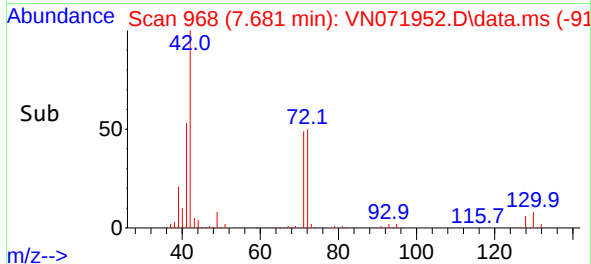
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



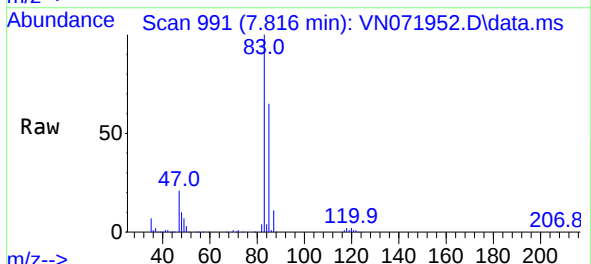
Tgt Ion: 42 Resp: 69904
Ion Ratio Lower Upper
42 100
72 51.6 39.7 59.5
71 48.3 36.6 55.0

Manual Integrations
APPROVED

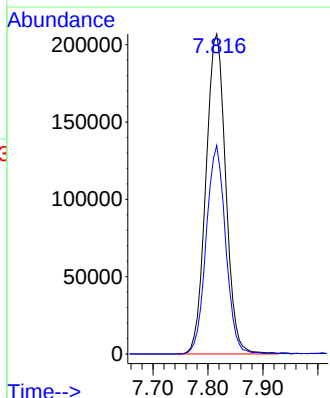
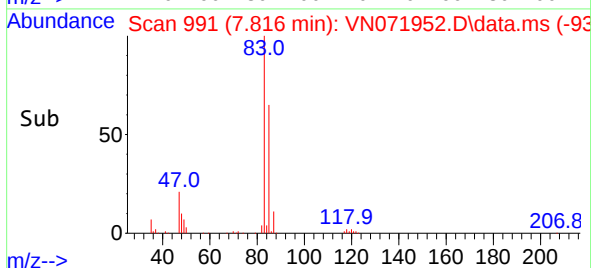
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

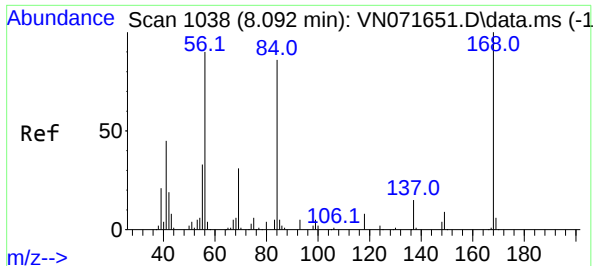


#30
Chloroform
Concen: 53.450 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



Tgt Ion: 83 Resp: 518013
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.8





#31

Cyclohexane

Concen: 44.217 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071952.D

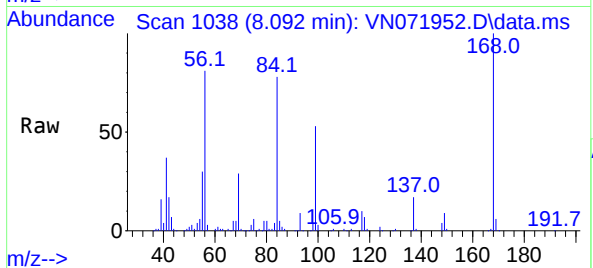
Acq: 11 Apr 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 36801

Ion Ratio Lower Upper

56 100

69 36.0 27.8 41.8

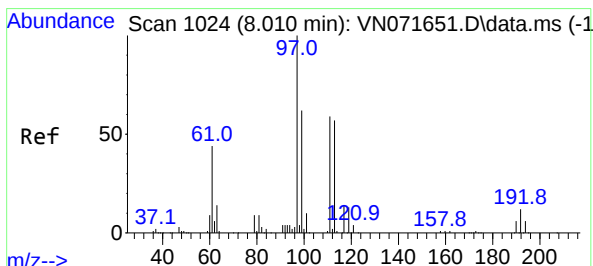
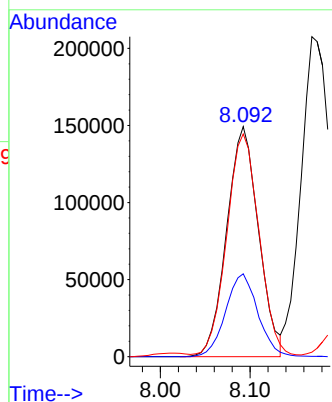
84 95.4 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2022

Supervised By :Mahesh Dadoda 04/12/2022



#32

1,1,1-Trichloroethane

Concen: 52.159 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN071952.D

Acq: 11 Apr 2022 21:42

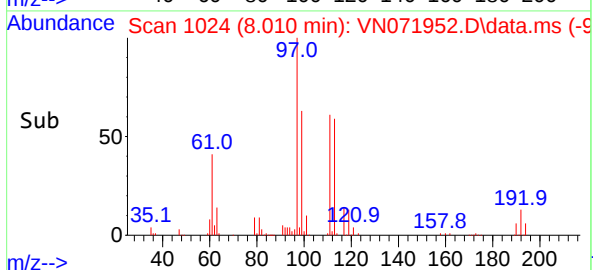
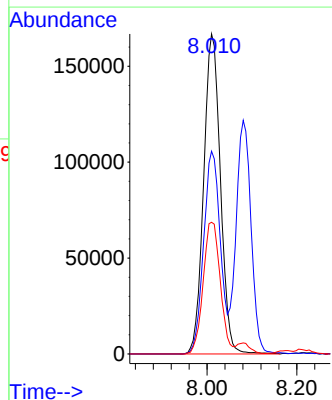
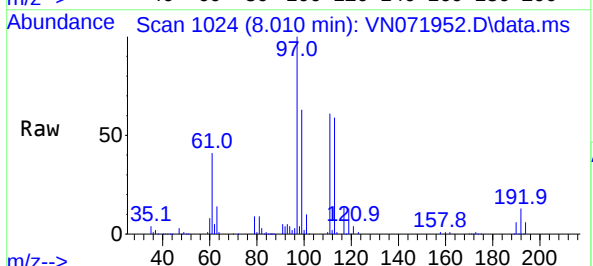
Tgt Ion: 97 Resp: 432455

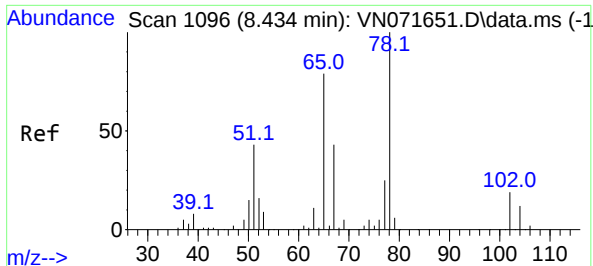
Ion Ratio Lower Upper

97 100

99 62.8 50.6 76.0

61 42.3 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 50.064 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

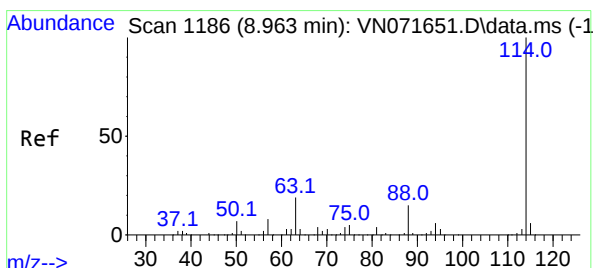
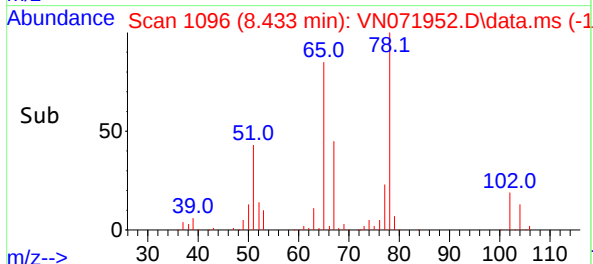
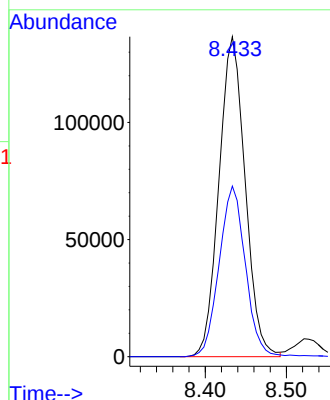
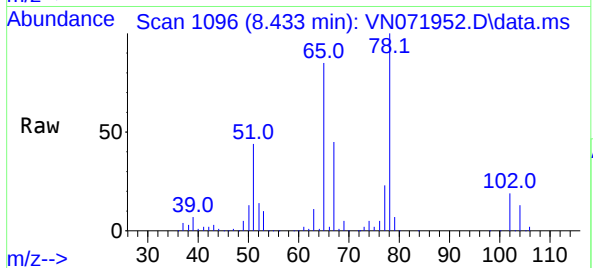
VSTDCCC050EC

Tgt Ion: 65 Resp: 30638
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

Manual Integrations

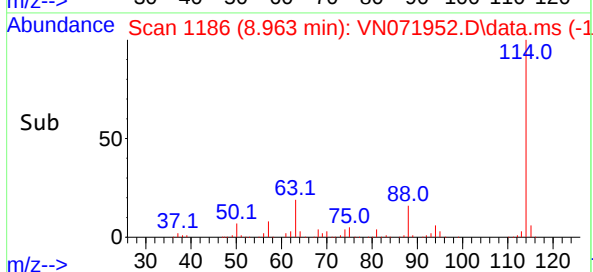
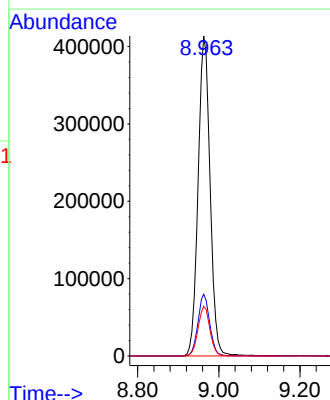
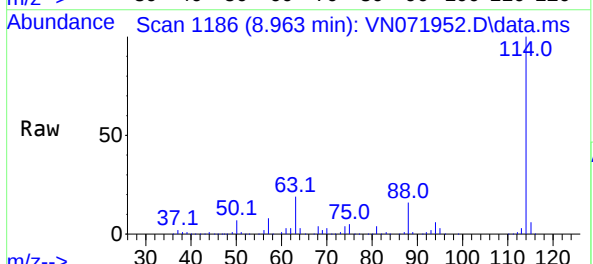
APPROVED

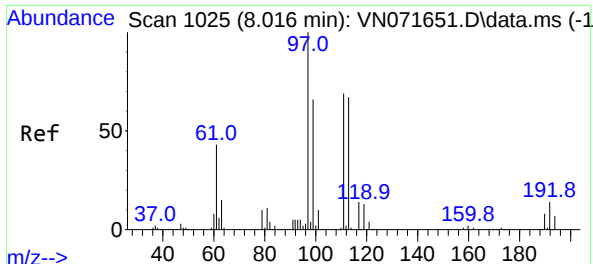
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

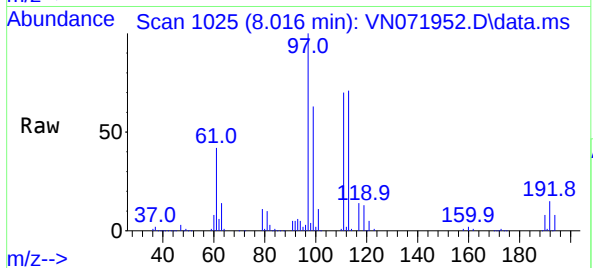
Tgt Ion:114 Resp: 850032
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.160 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

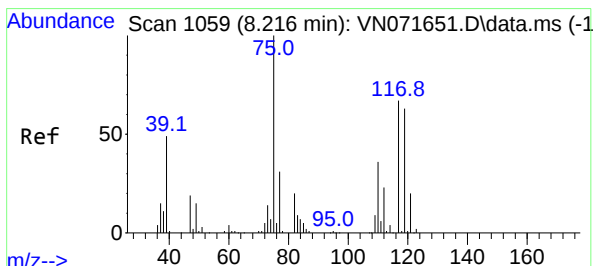
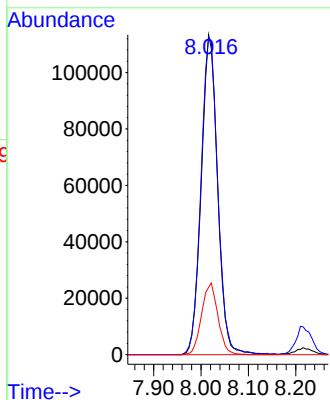
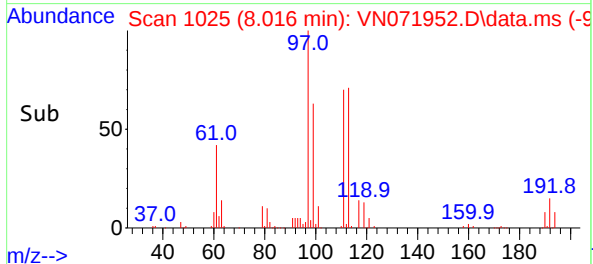
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



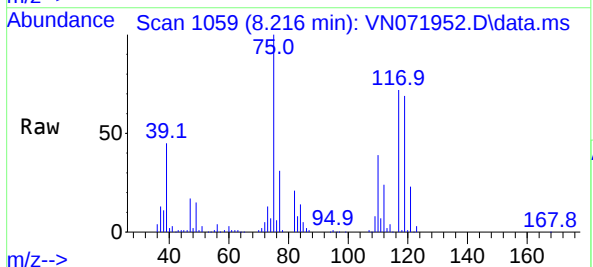
Tgt Ion:113 Resp: 270904
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 22.4 17.0 25.6

Manual Integrations
APPROVED

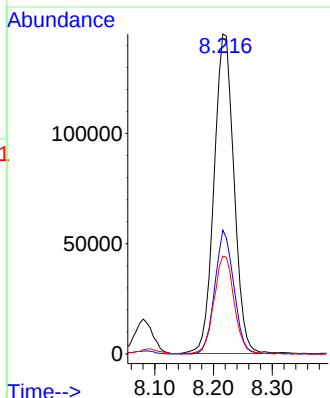
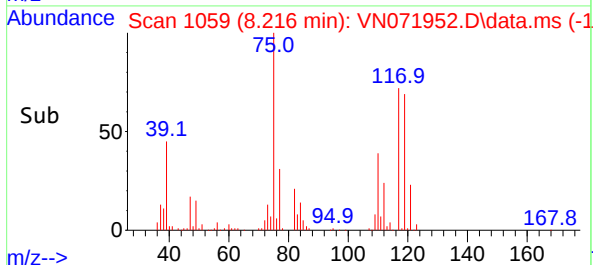
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

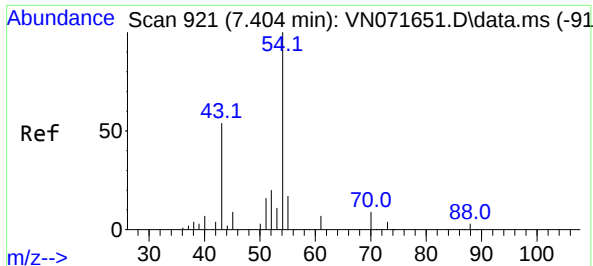


#36
1,1-Dichloropropene
Concen: 48.828 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



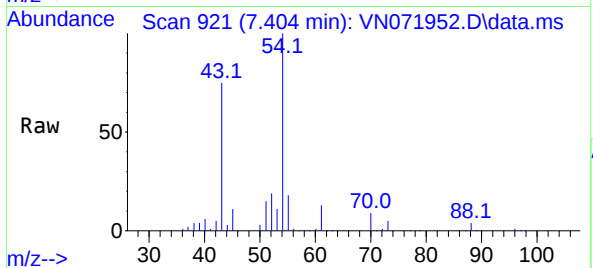
Tgt Ion: 75 Resp: 341062
Ion Ratio Lower Upper
75 100
110 36.8 18.3 54.8
77 31.1 25.1 37.7





#37
Ethyl Acetate
Concen: 54.625 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

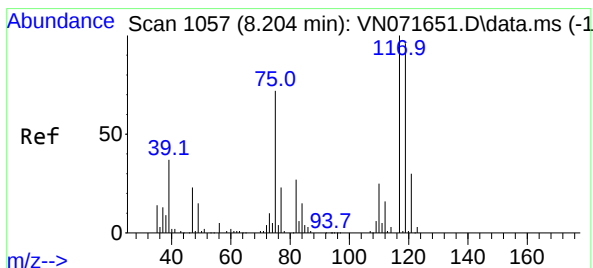
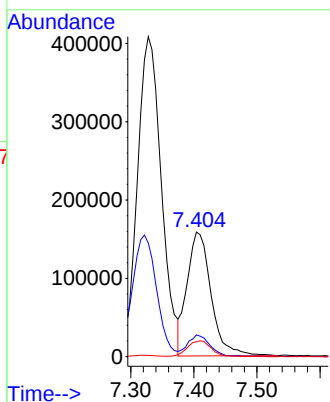
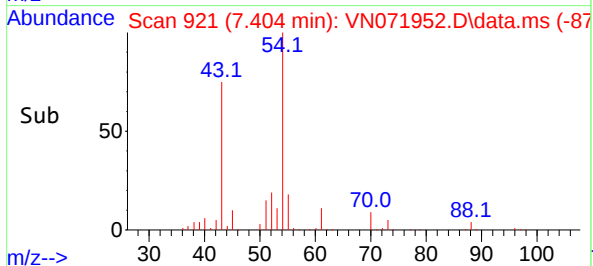
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 417632
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.6
70 12.5 9.3 13.9

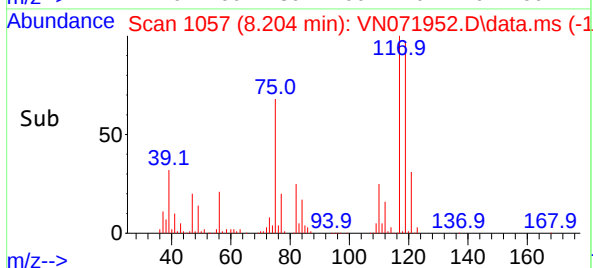
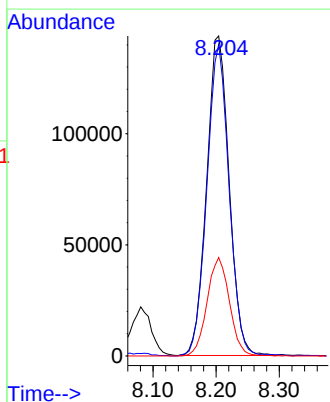
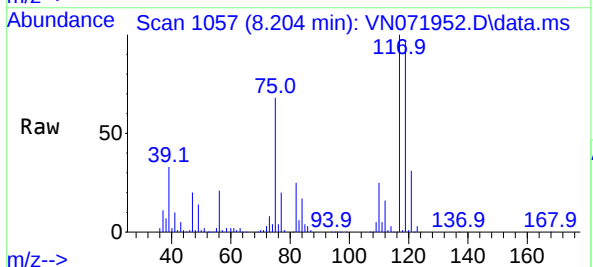
Manual Integrations
APPROVED

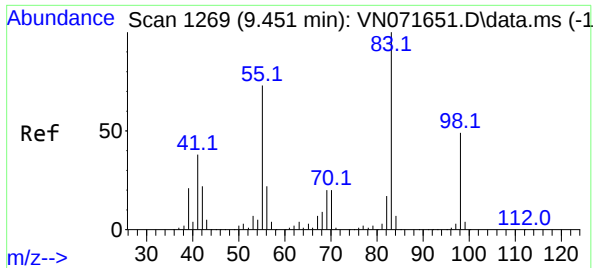
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#38
Carbon Tetrachloride
Concen: 51.964 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Tgt Ion:117 Resp: 355731
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8
121 30.8 24.6 37.0





#39
Methylcyclohexane
Concen: 48.107 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

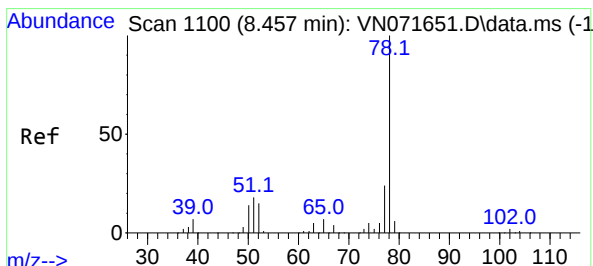
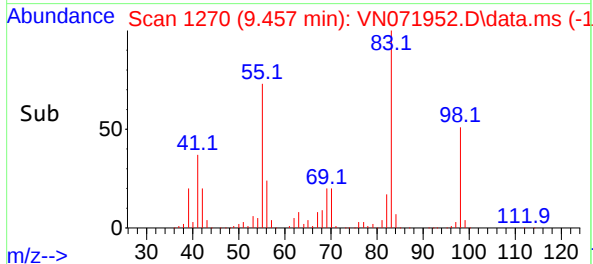
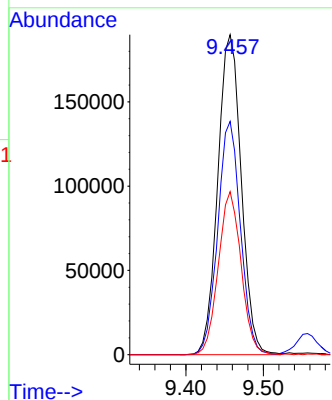
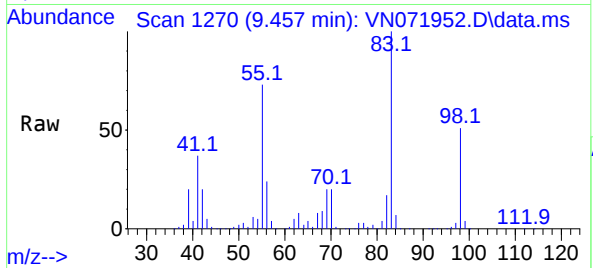
VSTDCCC050EC

Tgt Ion: 83 Resp: 399997
Ion Ratio Lower Upper
83 100
55 72.9 57.8 86.8
98 51.0 39.4 59.2

Manual Integrations

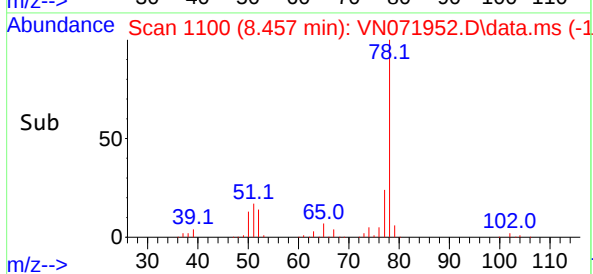
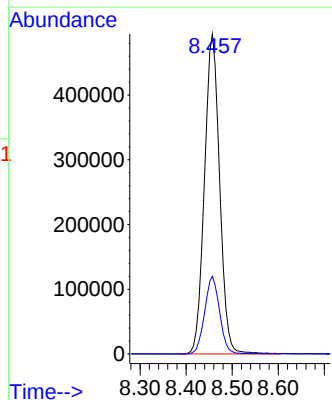
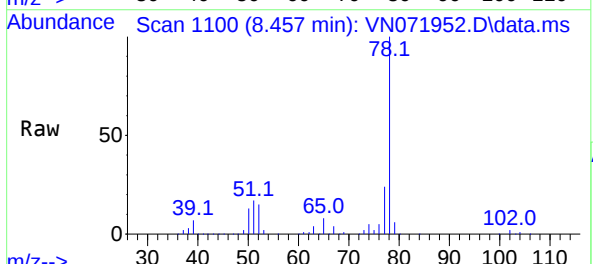
APPROVED

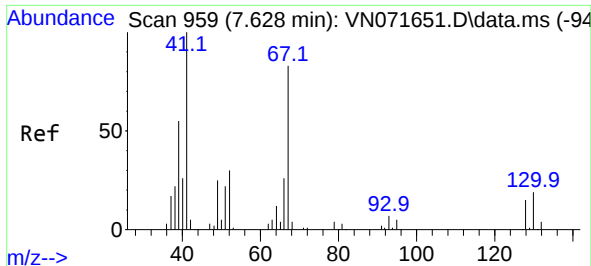
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#40
Benzene
Concen: 51.511 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

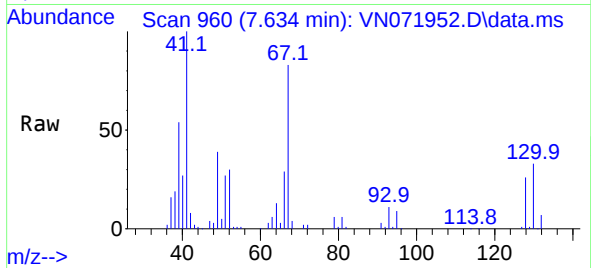
Tgt Ion: 78 Resp: 1136607
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41
Methacrylonitrile
Concen: 60.256 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

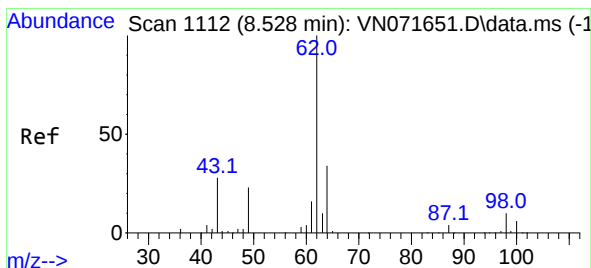
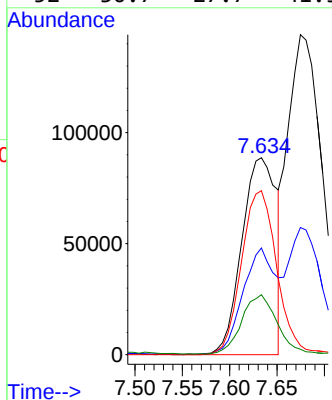
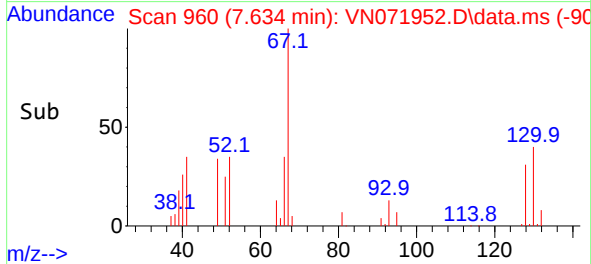
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



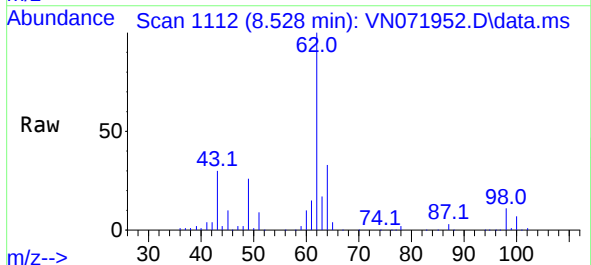
Tgt Ion: 41 Resp: 22556
Ion Ratio Lower Upper
41 100
39 50.6 48.6 73.0
67 85.4 73.4 110.2
52 30.7 27.7 41.5

Manual Integrations
APPROVED

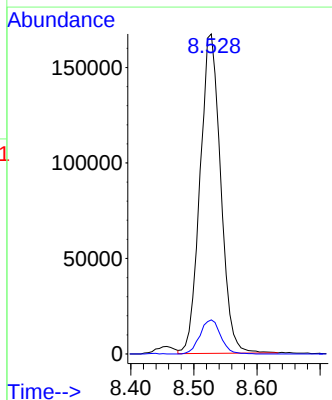
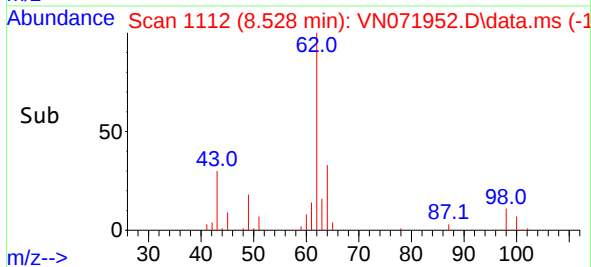
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

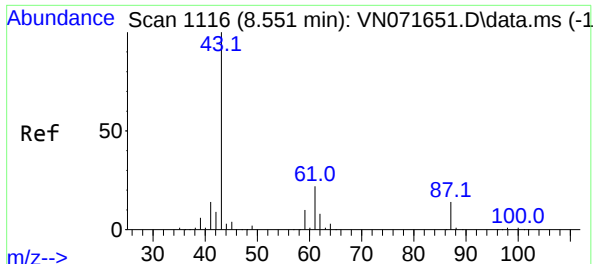


#42
1,2-Dichloroethane
Concen: 49.606 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



Tgt Ion: 62 Resp: 378638
Ion Ratio Lower Upper
62 100
98 10.7 0.0 19.4





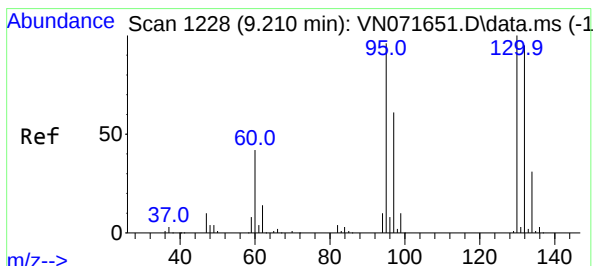
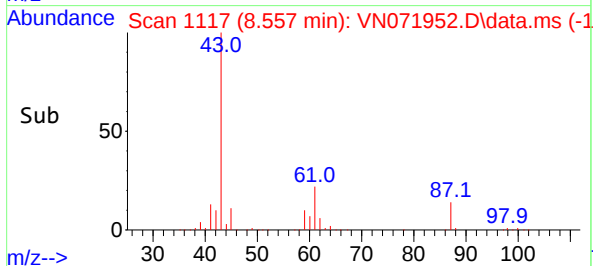
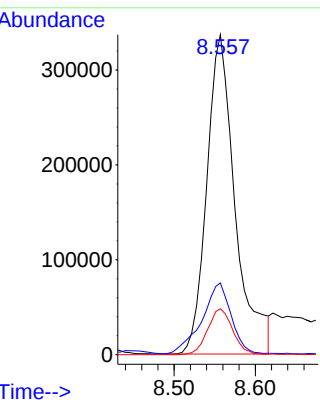
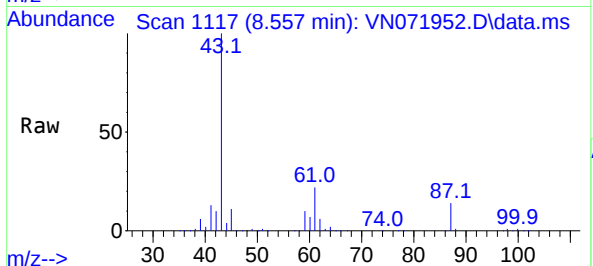
#43
Isopropyl Acetate
Concen: 64.320 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 817934
Ion Ratio Lower Upper
43 100
61 23.2 21.9 32.9
87 12.7 12.0 18.0

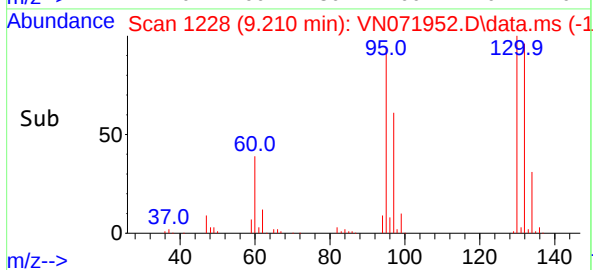
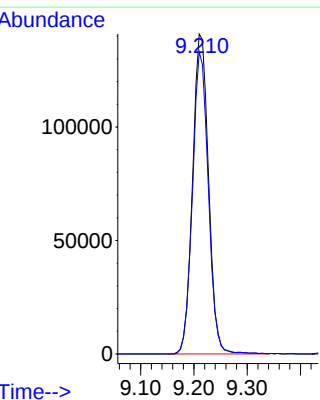
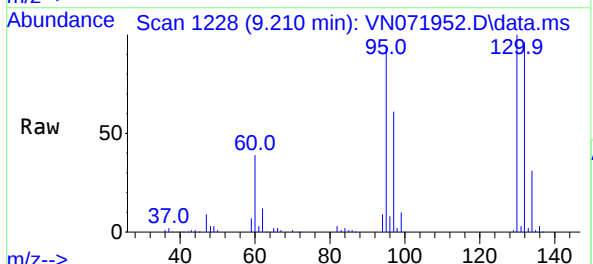
Manual Integrations
APPROVED

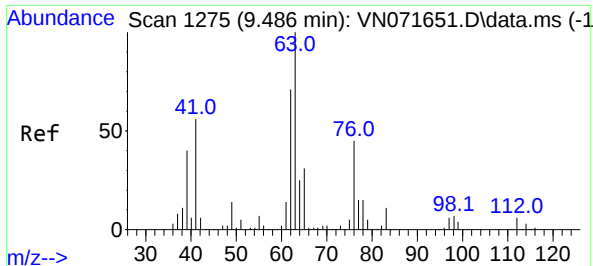
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#44
Trichloroethene
Concen: 51.526 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Tgt Ion:130 Resp: 292909
Ion Ratio Lower Upper
130 100
95 94.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 54.466 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071952.D

Acq: 11 Apr 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 300238

Ion Ratio Lower Upper

63 100

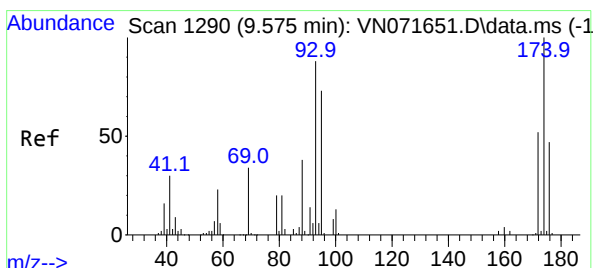
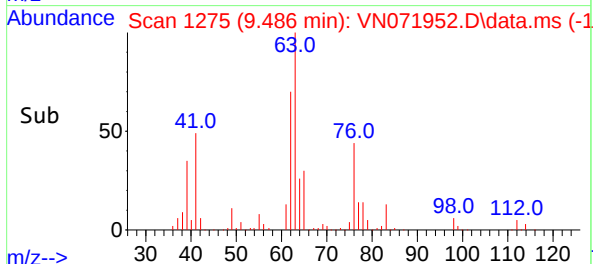
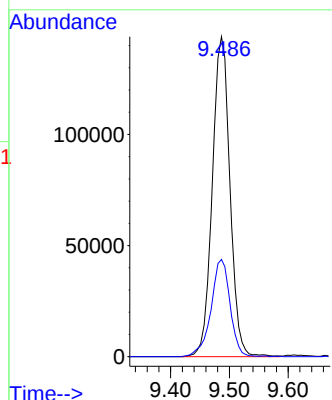
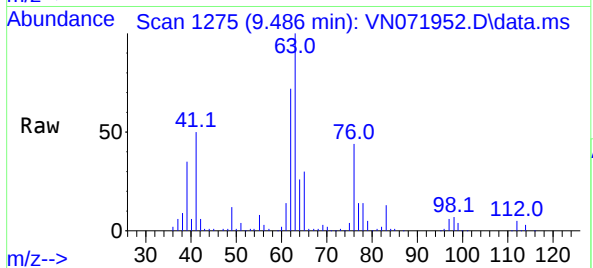
65 30.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2022

Supervised By :Mahesh Dadoda 04/12/2022



#46

Dibromomethane

Concen: 52.885 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071952.D

Acq: 11 Apr 2022 21:42

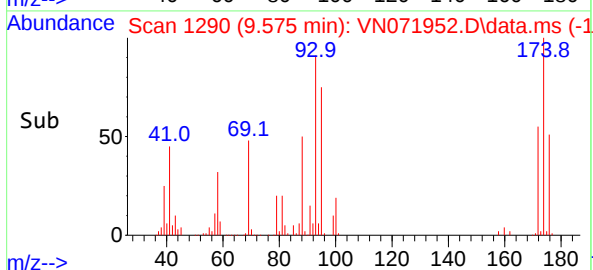
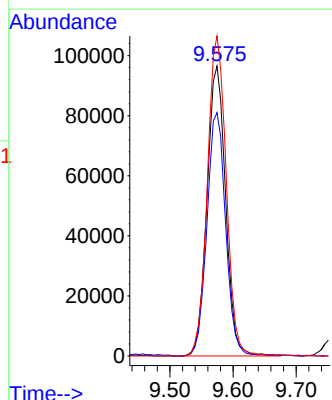
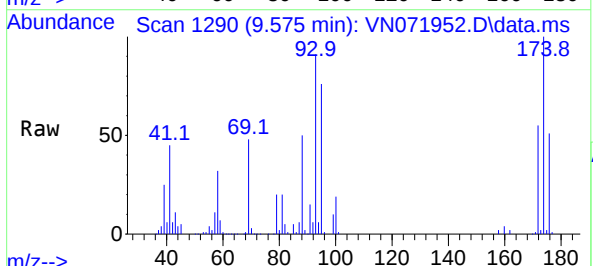
Tgt Ion: 93 Resp: 197931

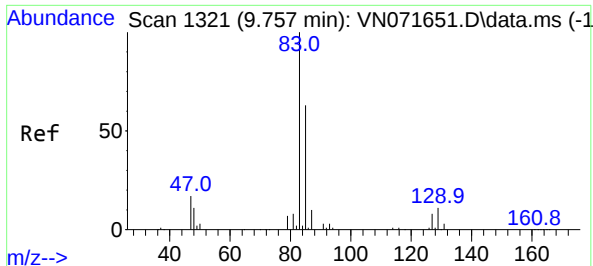
Ion Ratio Lower Upper

93 100

95 84.4 66.9 100.3

174 112.0 86.6 130.0





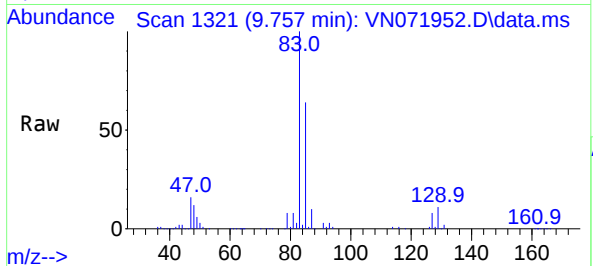
#47
Bromodichloromethane
Concen: 55.913 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



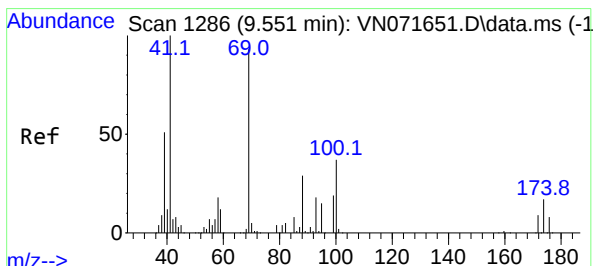
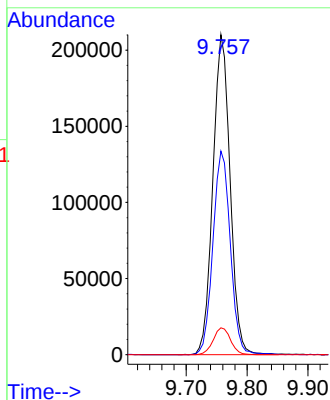
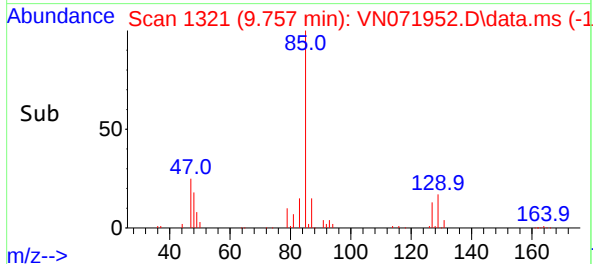
Tgt Ion: 83 Resp: 411929
Ion Ratio Lower Upper
83 100
85 63.6 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations

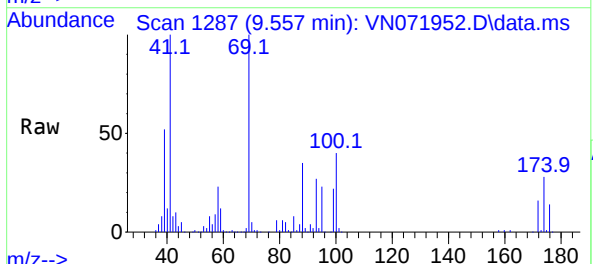
APPROVED

Reviewed By :John Carlone 04/12/2022

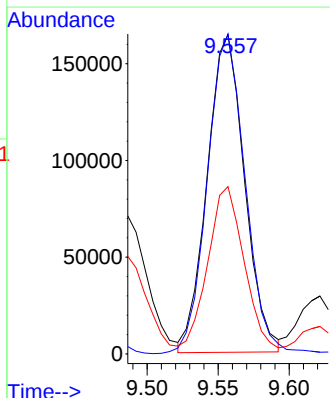
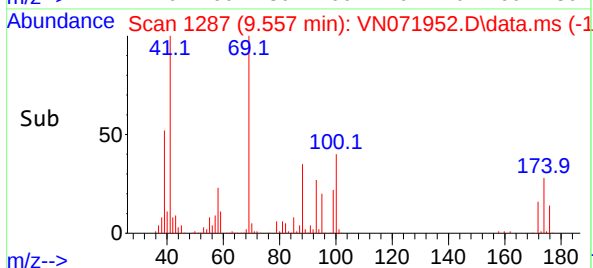
Supervised By :Mahesh Dadoda 04/12/2022

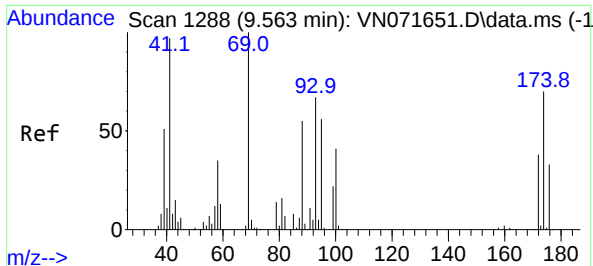


#48
Methyl methacrylate
Concen: 57.005 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



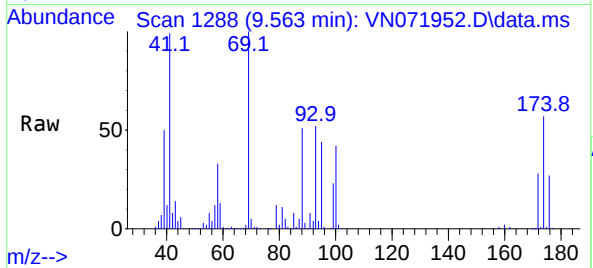
Tgt Ion: 41 Resp: 300752
Ion Ratio Lower Upper
41 100
69 102.4 74.7 112.1
39 51.8 45.6 68.4





#49
1,4-Dioxane
Concen: 1173.533 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

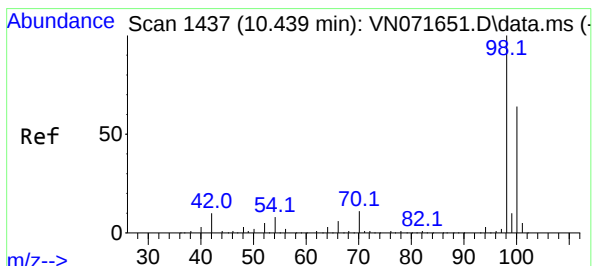
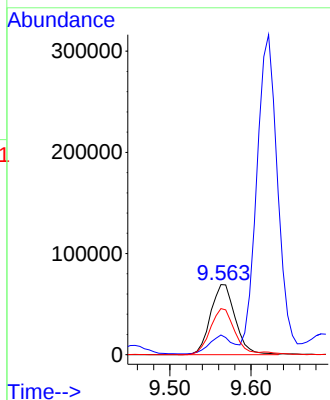
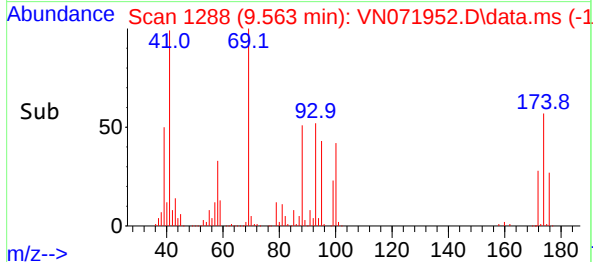
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



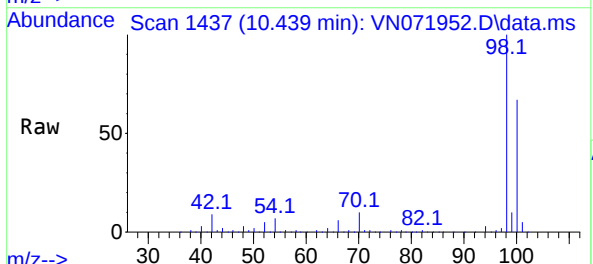
Tgt Ion: 88 Resp: 146584
Ion Ratio Lower Upper
88 100
43 25.8 20.2 30.4
58 67.1 54.2 81.4

Manual Integrations
APPROVED

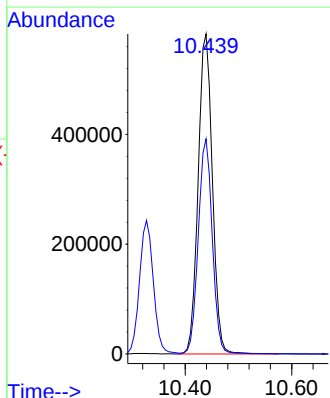
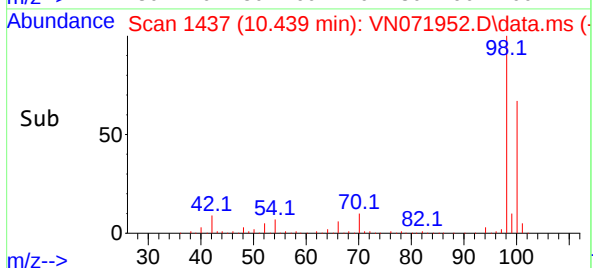
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

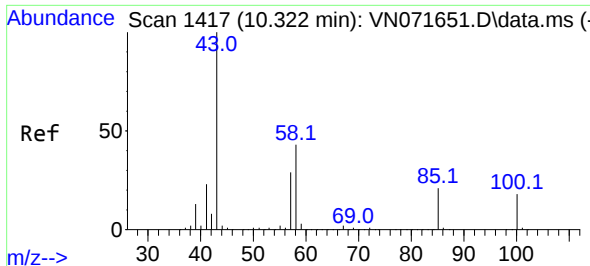


#50
Toluene-d8
Concen: 52.765 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



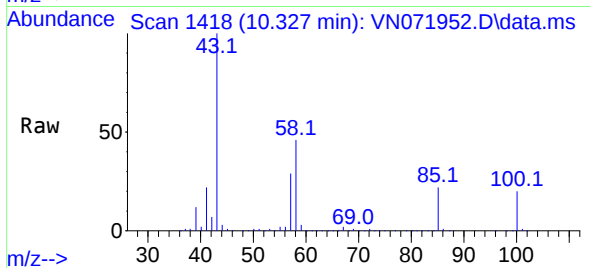
Tgt Ion: 98 Resp: 1079664
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 297.669 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

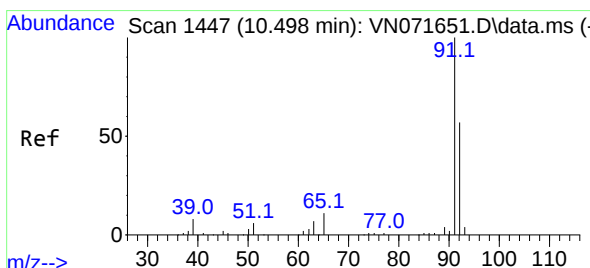
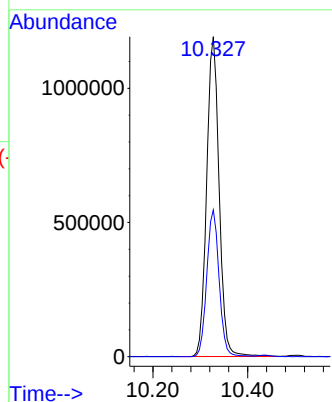
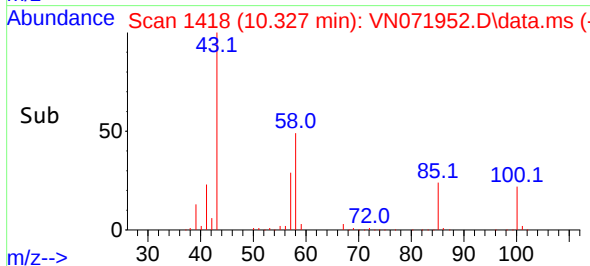
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2176349
Ion Ratio Lower Upper
43 100
58 45.4 34.1 51.1

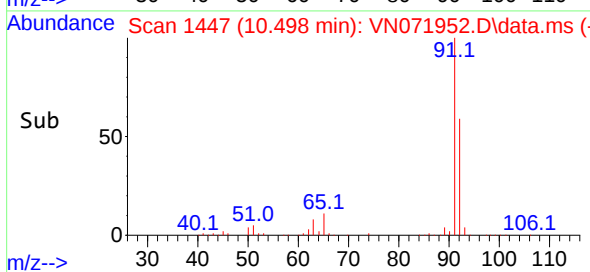
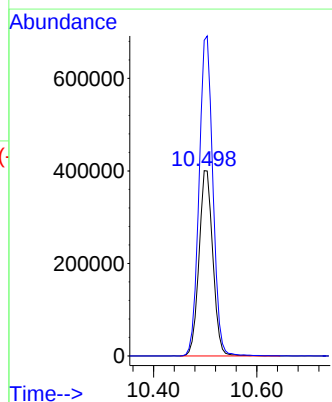
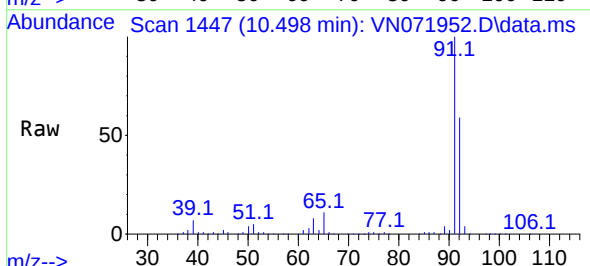
Manual Integrations
APPROVED

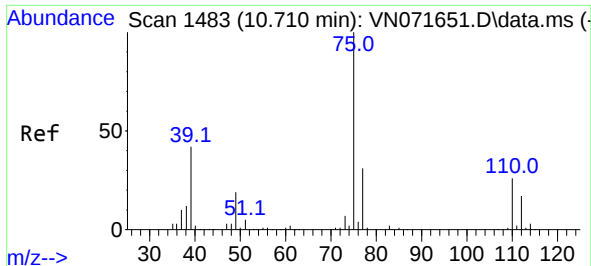
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#52
Toluene
Concen: 53.246 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

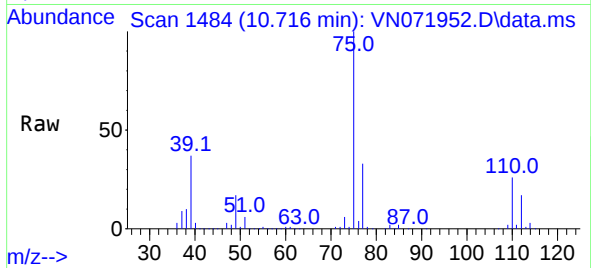
Tgt Ion: 92 Resp: 742689
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 56.870 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

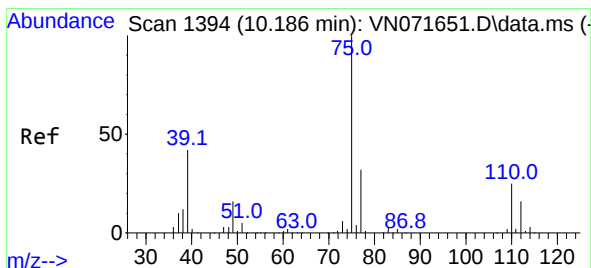
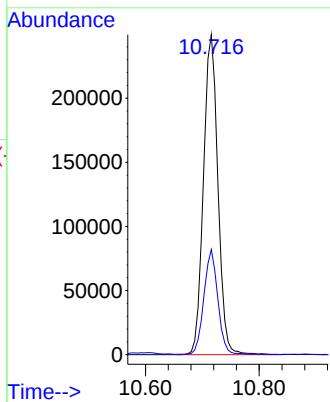
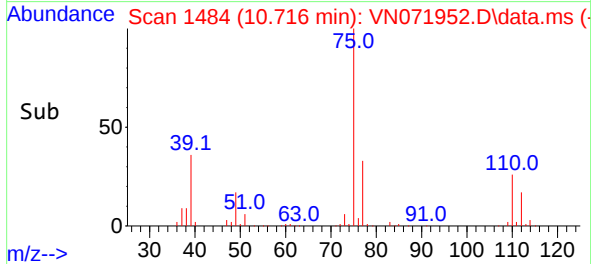
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 439117
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4

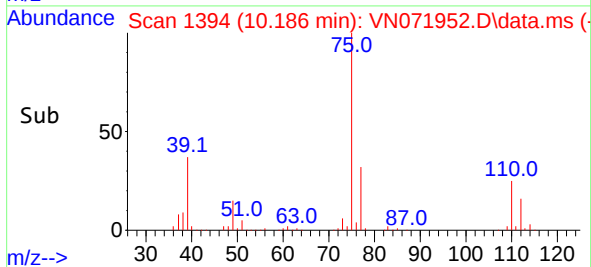
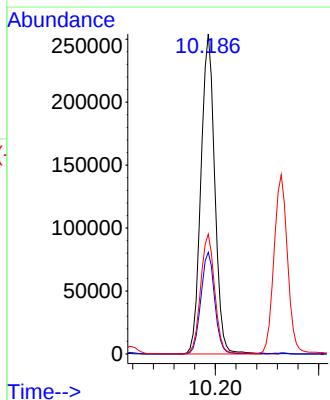
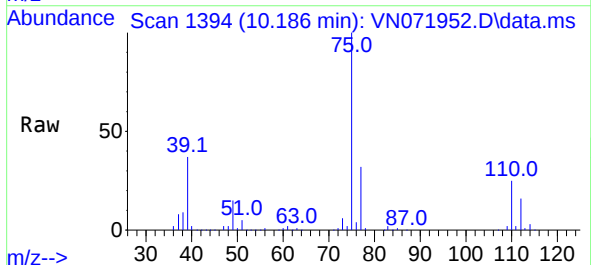
Manual Integrations
APPROVED

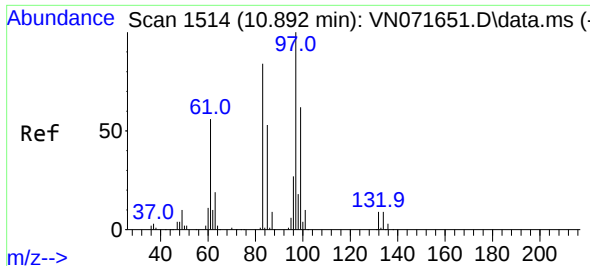
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#54
cis-1,3-Dichloropropene
Concen: 55.315 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

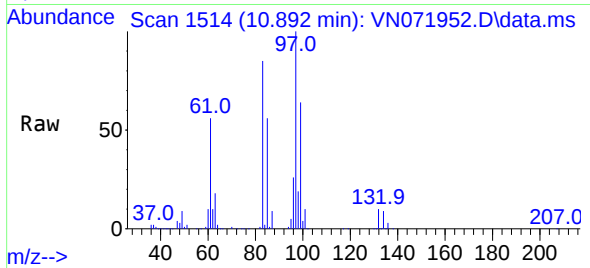
Tgt Ion: 75 Resp: 471925
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 37.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 56.171 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

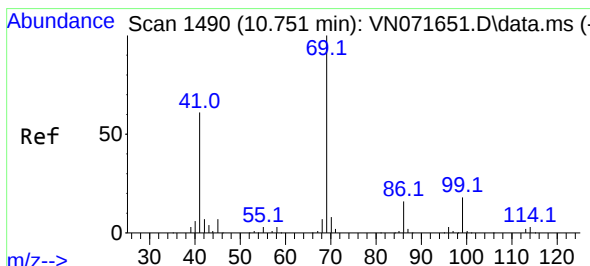
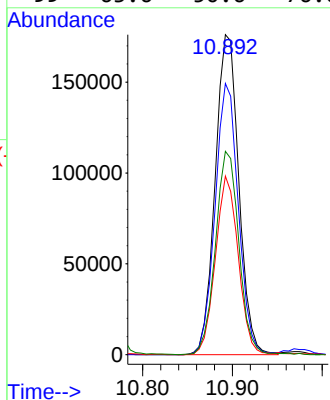
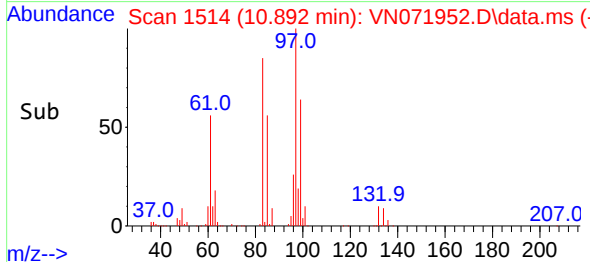
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



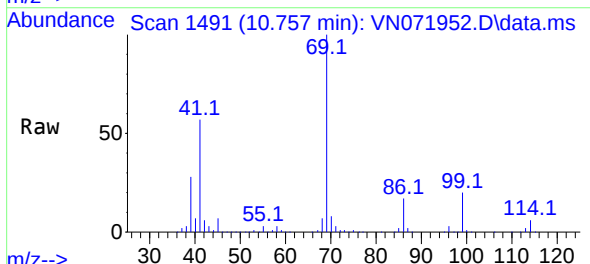
Tgt Ion: 97 Resp: 322448
Ion Ratio Lower Upper
97 100
83 84.8 66.2 99.4
85 55.8 43.9 65.9
99 63.6 50.6 76.0

Manual Integrations
APPROVED

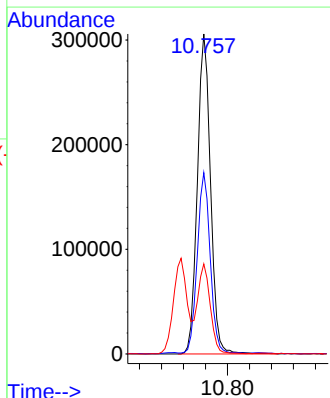
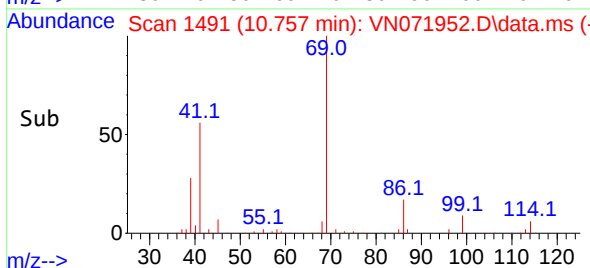
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

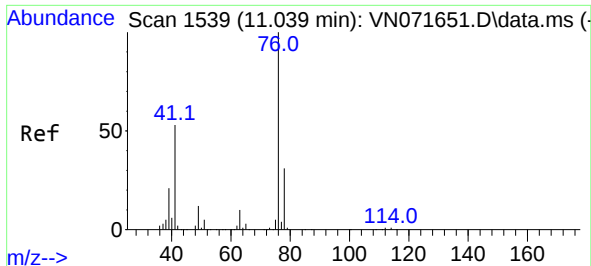


#56
Ethyl methacrylate
Concen: 61.977 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



Tgt Ion: 69 Resp: 507546
Ion Ratio Lower Upper
69 100
41 55.5 47.8 71.6
39 27.9 27.3 40.9





#57

1,3-Dichloropropane

Concen: 55.715 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071952.D

Acq: 11 Apr 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 534748

Ion Ratio Lower Upper

76 100

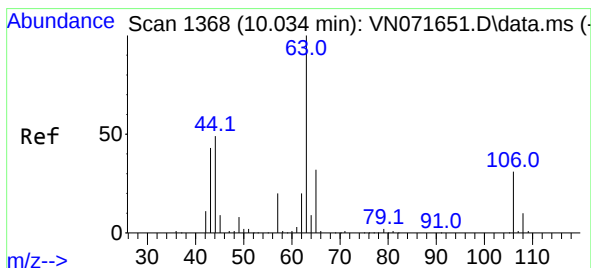
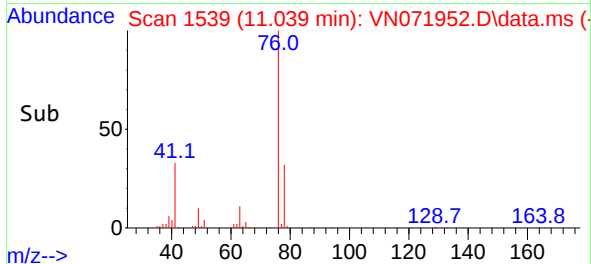
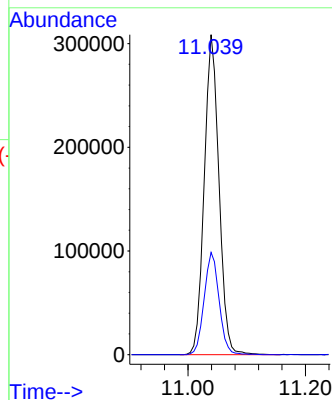
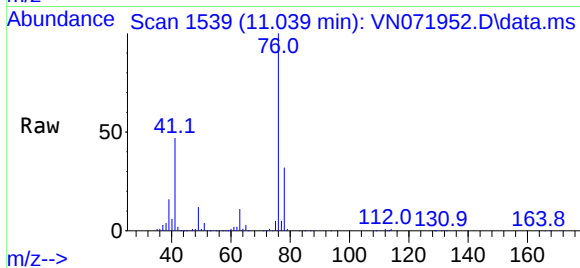
78 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2022

Supervised By :Mahesh Dadoda 04/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 248.676 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN071952.D

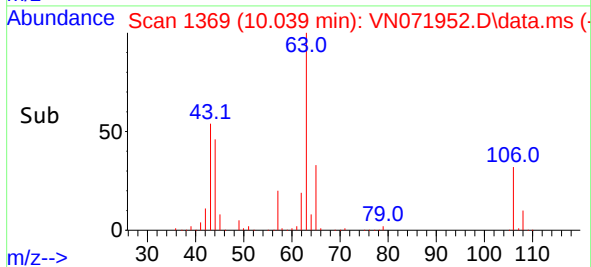
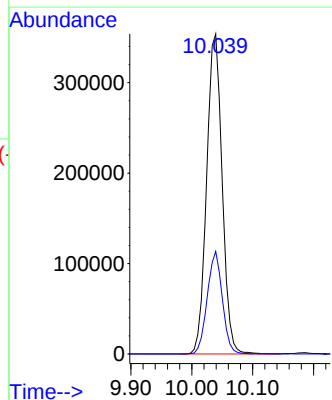
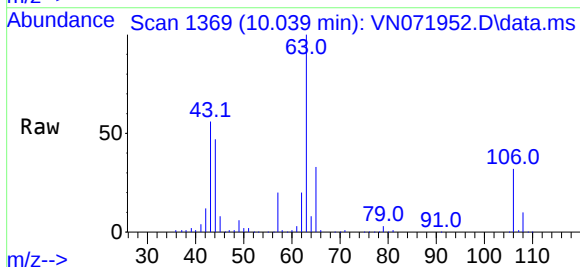
Acq: 11 Apr 2022 21:42

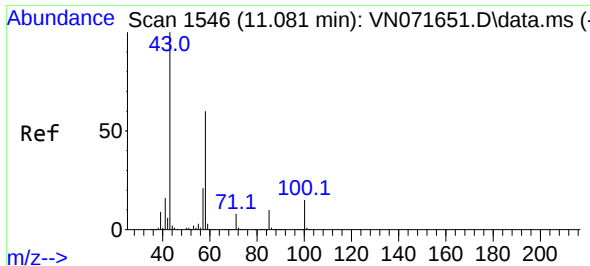
Tgt Ion: 63 Resp: 626710

Ion Ratio Lower Upper

63 100

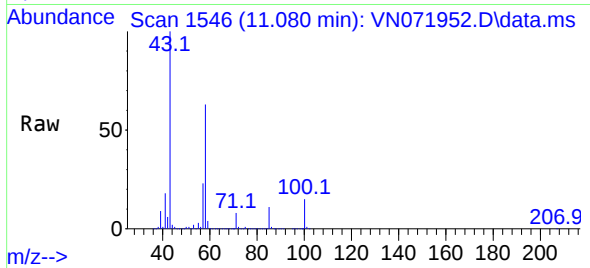
106 31.0 24.6 36.8





#59
2-Hexanone
Concen: 304.635 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

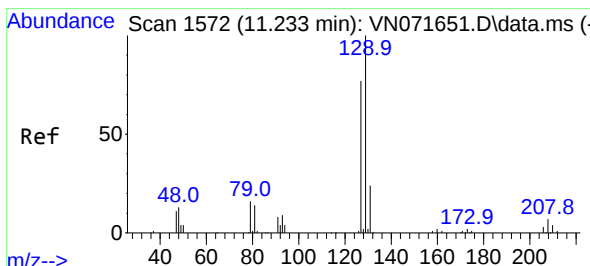
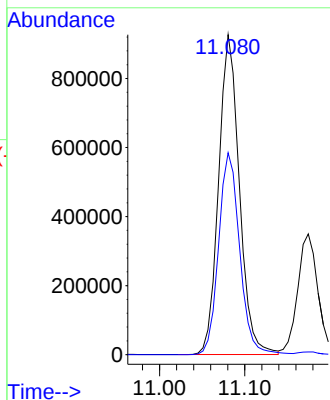
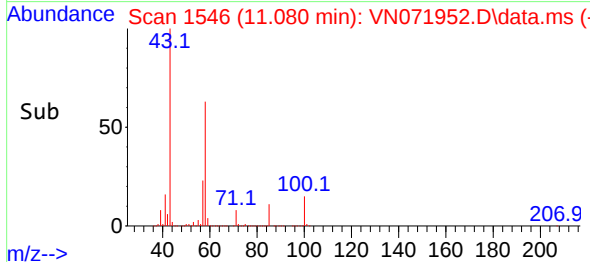
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 156812
Ion Ratio Lower Upper
43 100
58 64.0 29.7 89.1

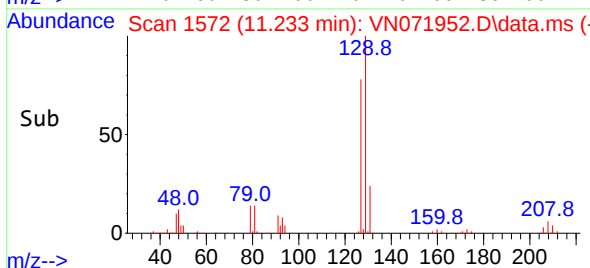
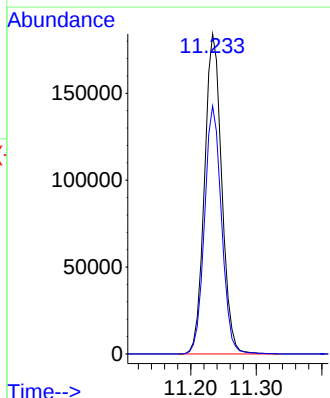
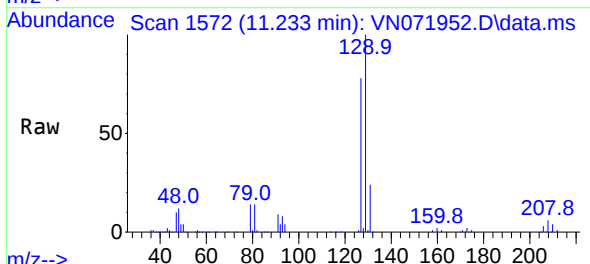
Manual Integrations
APPROVED

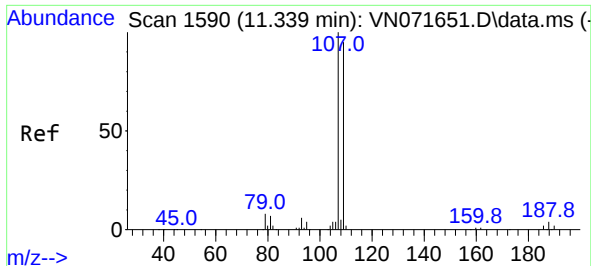
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#60
Dibromochloromethane
Concen: 59.954 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

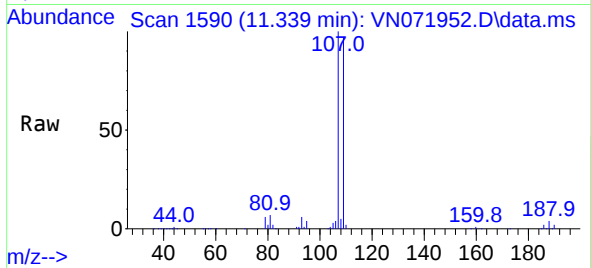
Tgt Ion:129 Resp: 335584
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.927 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

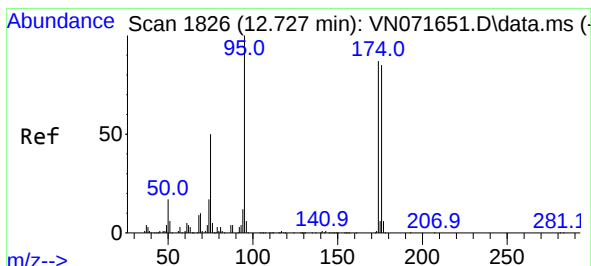
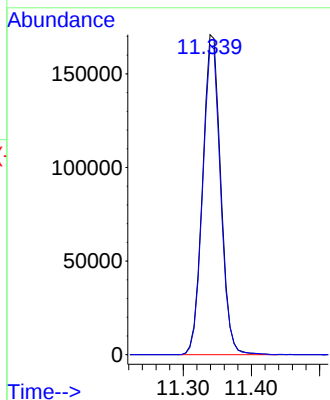
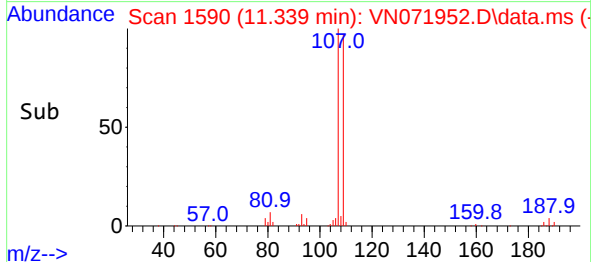
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



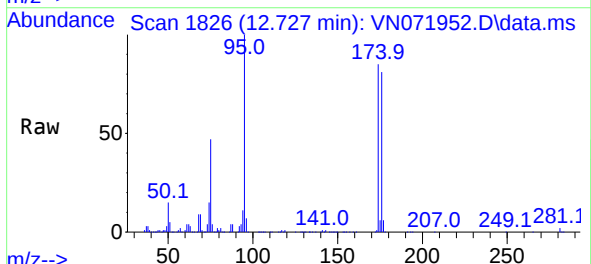
Tgt Ion:107 Resp: 316029
Ion Ratio Lower Upper
107 100
109 95.8 75.0 112.6

Manual Integrations
APPROVED

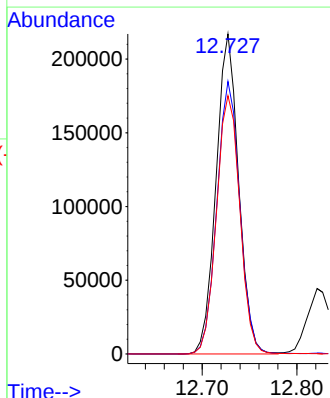
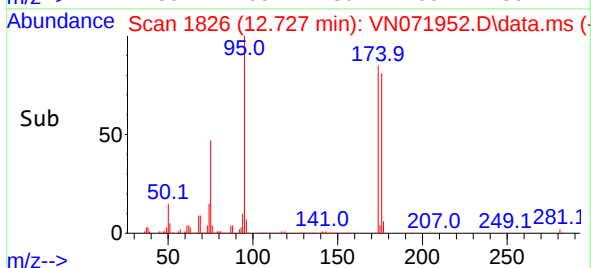
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

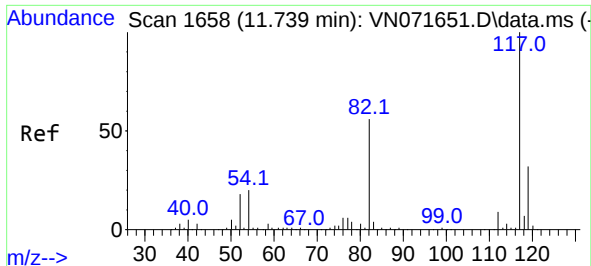


#62
4-Bromofluorobenzene
Concen: 54.333 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



Tgt Ion: 95 Resp: 359557
Ion Ratio Lower Upper
95 100
174 86.7 0.0 167.6
176 83.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

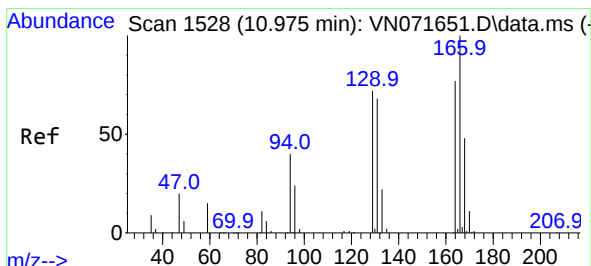
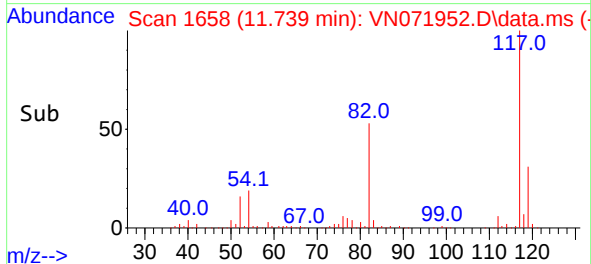
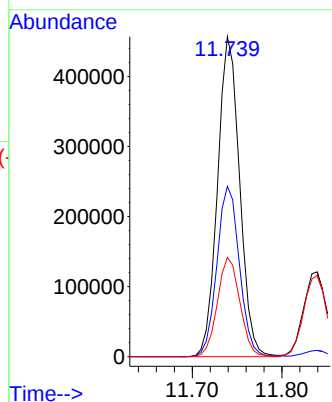
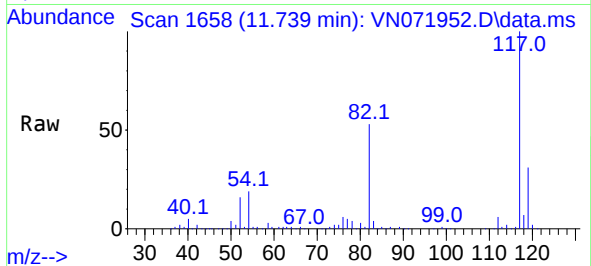
VSTDCCC050EC

Tgt Ion:117 Resp: 78069
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 31.0 25.4 38.0

Manual Integrations

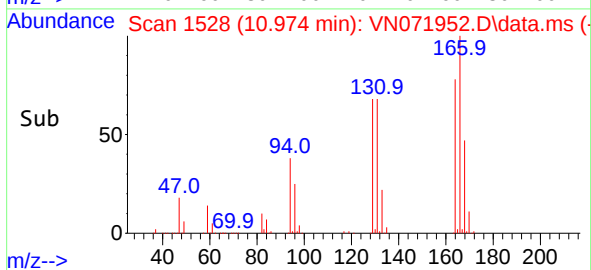
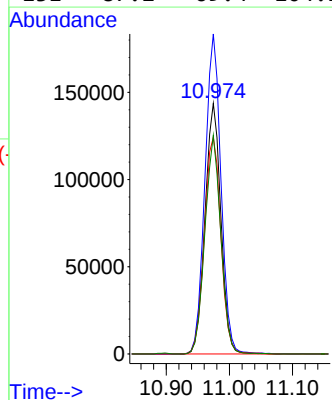
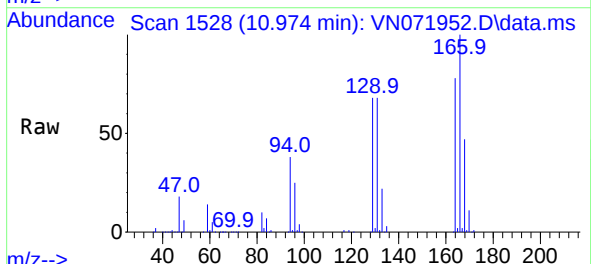
APPROVED

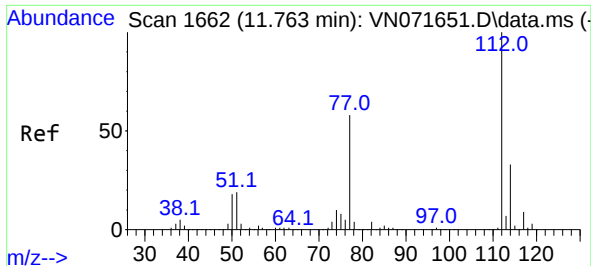
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#64
Tetrachloroethene
Concen: 48.843 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

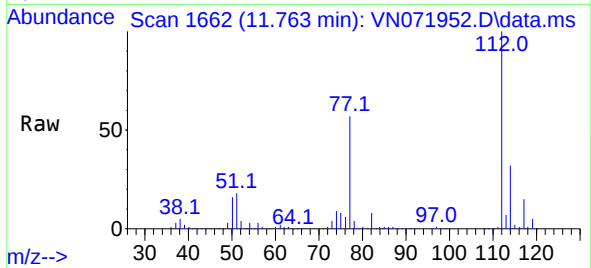
Tgt Ion:164 Resp: 251796
Ion Ratio Lower Upper
164 100
166 127.7 104.2 156.2
129 86.4 73.9 110.9
131 87.2 69.4 104.2





#65
Chlorobenzene
Concen: 53.279 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

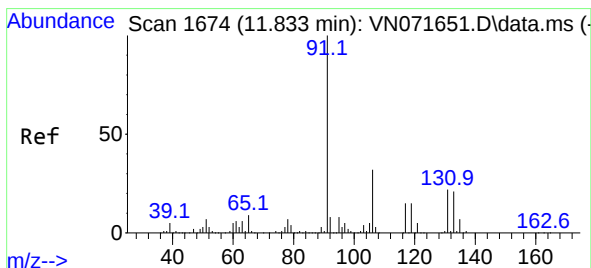
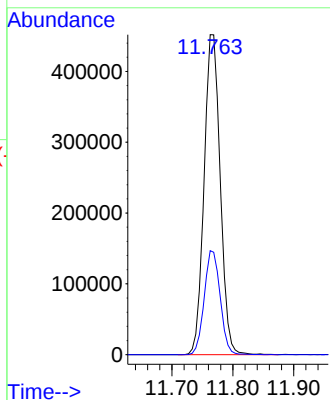
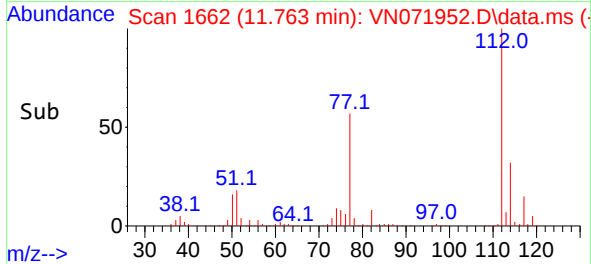
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



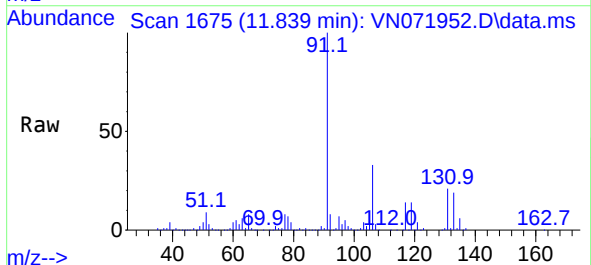
Tgt Ion:112 Resp: 83287
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

Manual Integrations
APPROVED

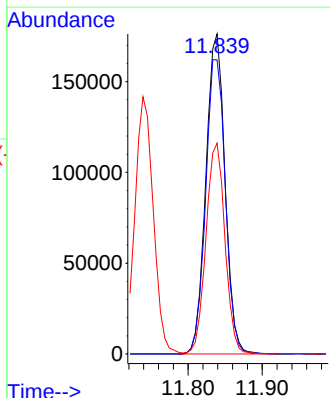
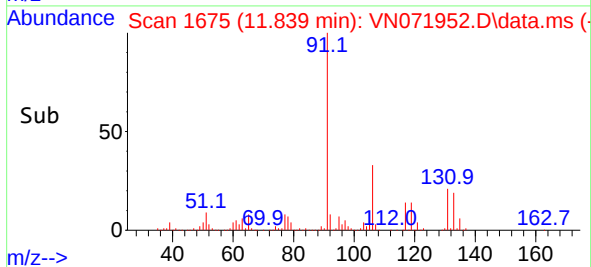
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

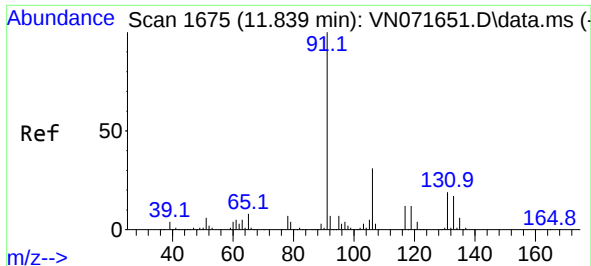


#66
1,1,1,2-Tetrachloroethane
Concen: 56.100 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



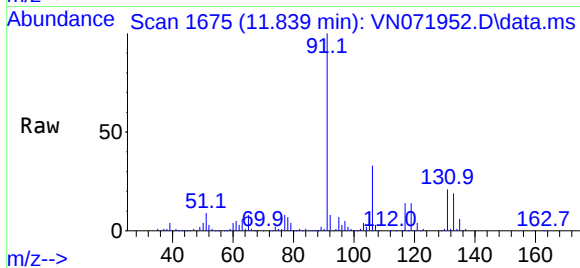
Tgt Ion:131 Resp: 316453
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 65.5 33.4 100.2





#67
Ethyl Benzene
Concen: 54.000 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

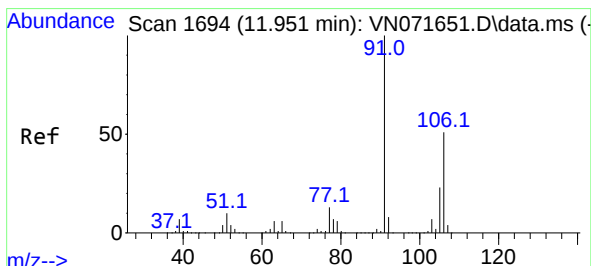
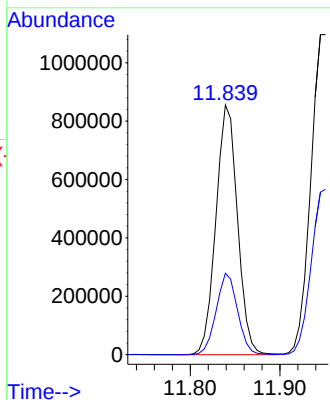
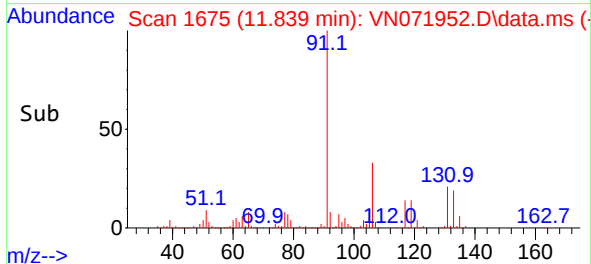
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



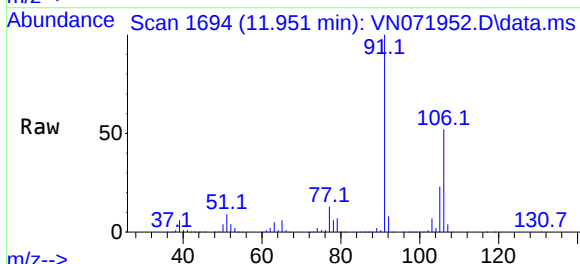
Tgt Ion: 91 Resp: 1429019
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

Manual Integrations
APPROVED

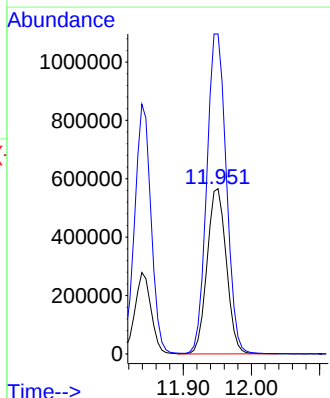
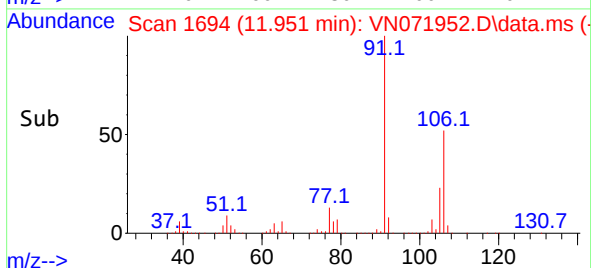
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

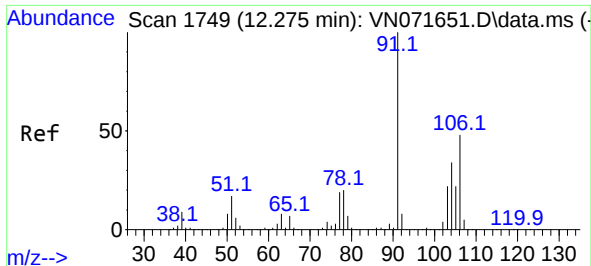


#68
m/p-Xylenes
Concen: 109.377 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



Tgt Ion:106 Resp: 1112130
Ion Ratio Lower Upper
106 100
91 196.7 158.9 238.3





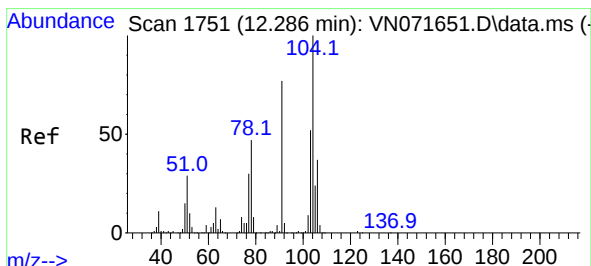
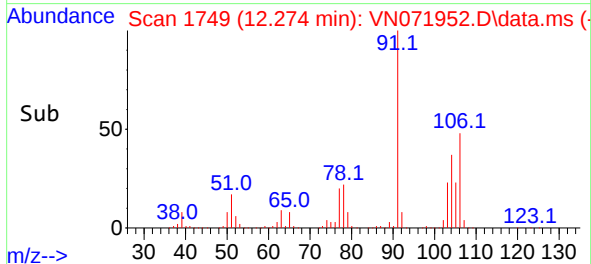
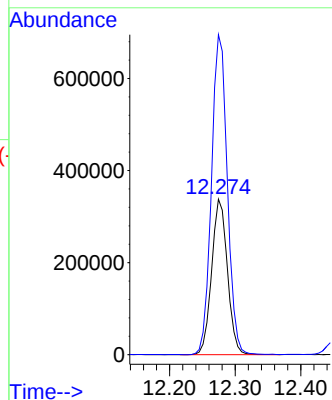
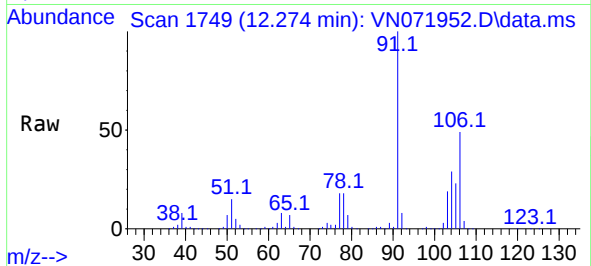
#69
o-Xylene
Concen: 55.953 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 564699
Ion Ratio Lower Upper
106 100
91 206.9 106.0 318.0

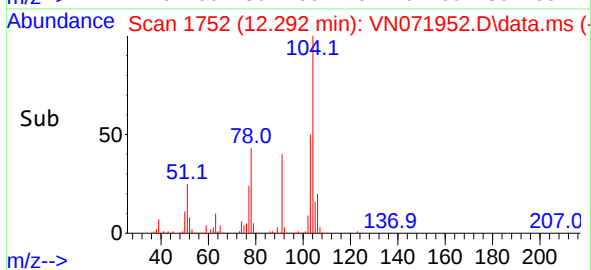
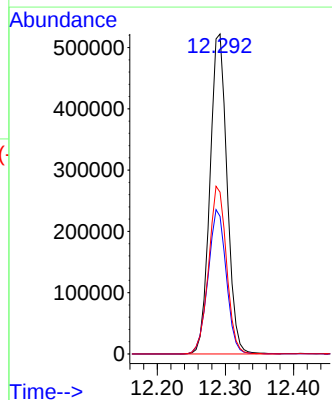
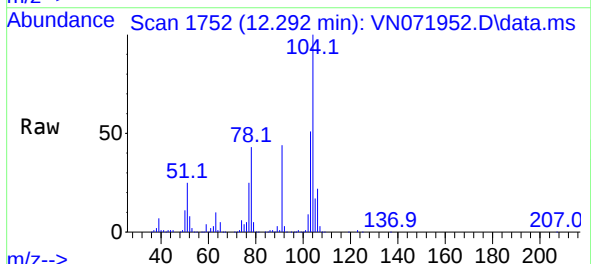
Manual Integrations
APPROVED

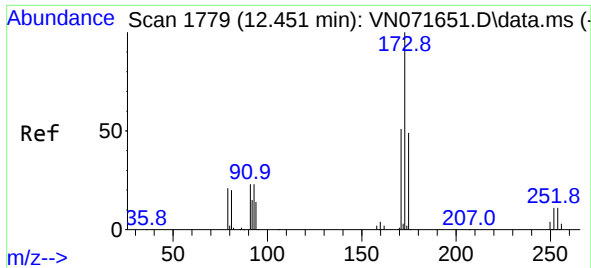
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#70
Styrene
Concen: 59.793 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

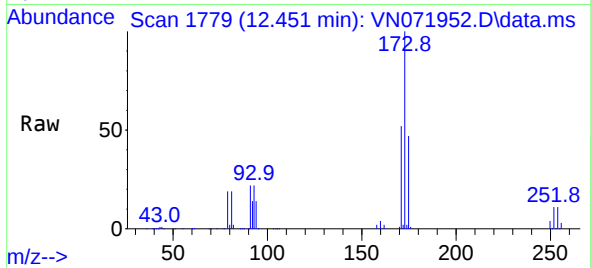
Tgt Ion:104 Resp: 914320
Ion Ratio Lower Upper
104 100
78 47.8 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 61.936 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

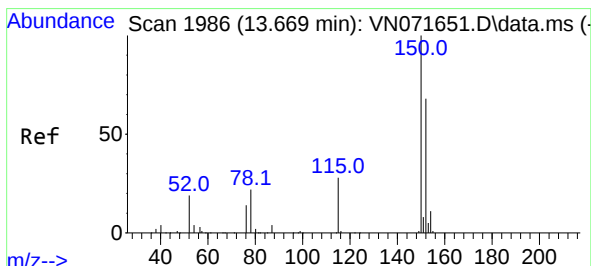
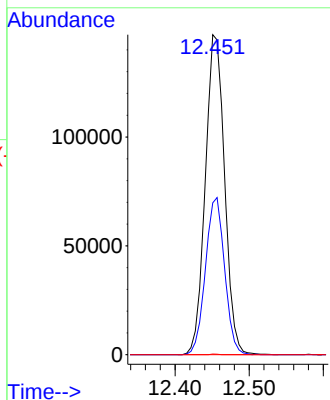
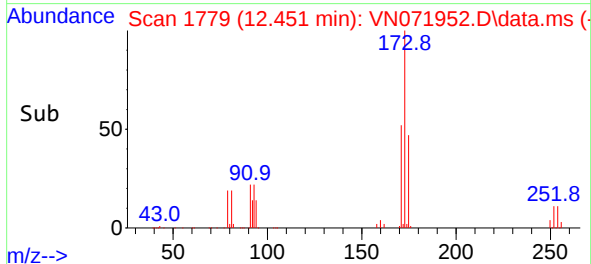
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 266054
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.1 0.1 0.1

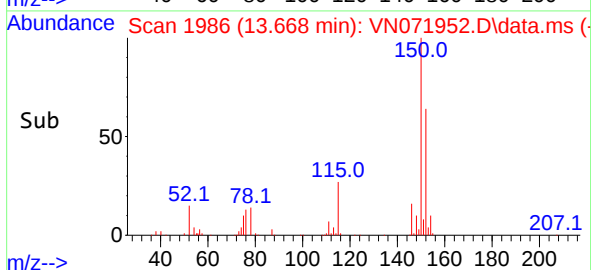
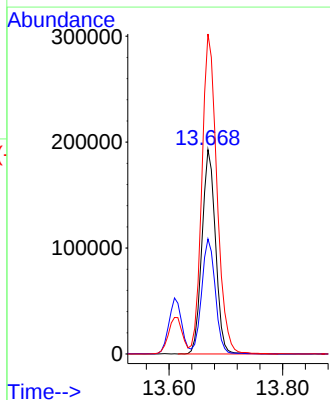
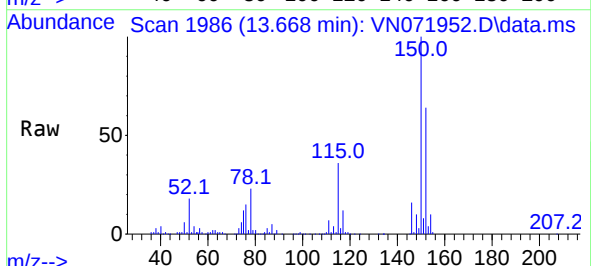
Manual Integrations
APPROVED

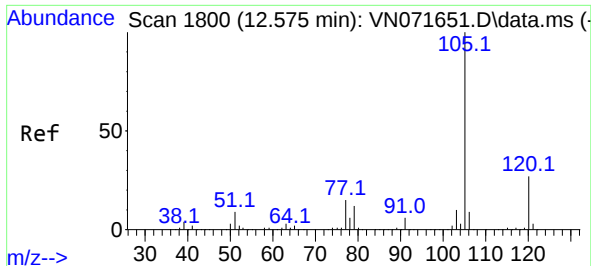
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Tgt Ion:152 Resp: 318663
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 174.5 0.0 356.2





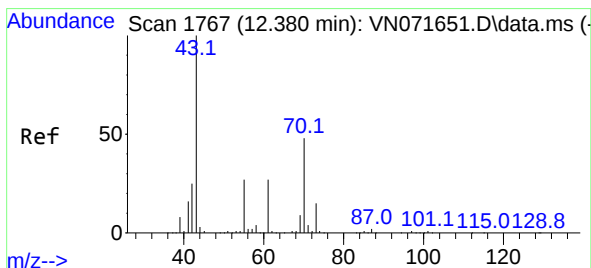
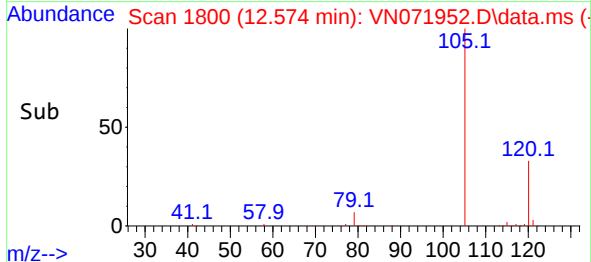
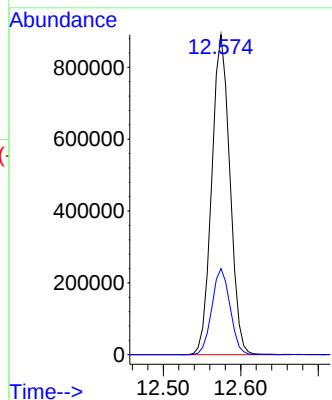
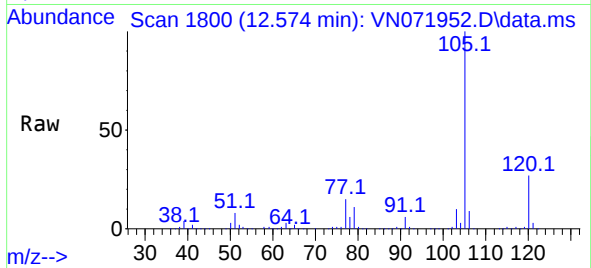
#73
Isopropylbenzene
Concen: 53.963 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 1449072
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

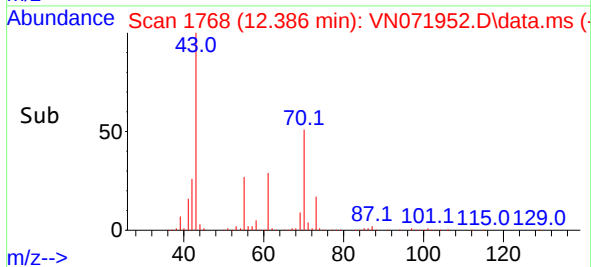
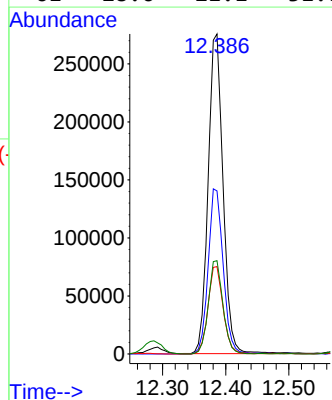
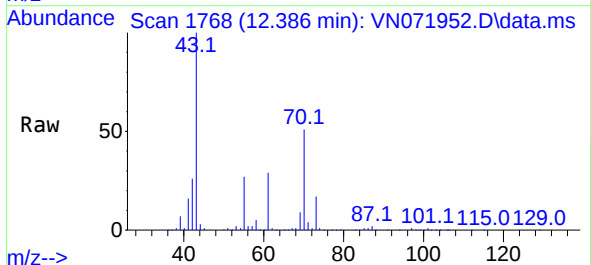
Manual Integrations
APPROVED

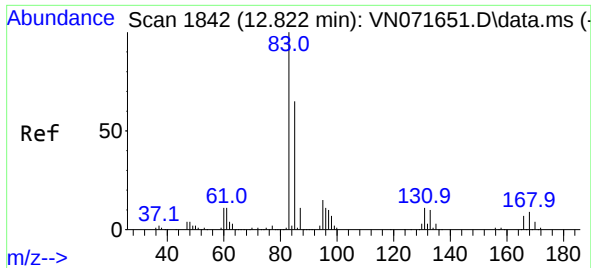
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#74
N-ethyl acetate
Concen: 58.828 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

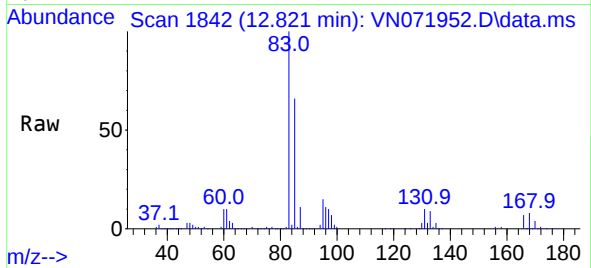
Tgt Ion: 43 Resp: 452612
Ion Ratio Lower Upper
43 100
70 52.0 39.0 58.4
55 27.9 21.1 31.7
61 28.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 54.350 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

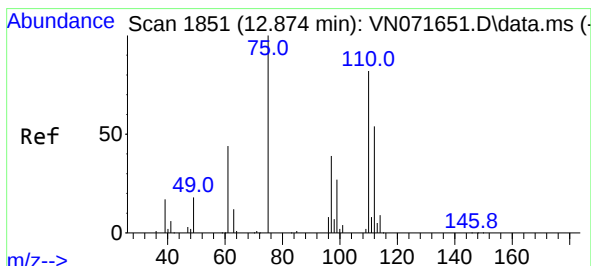
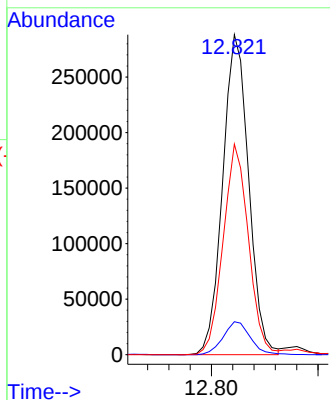
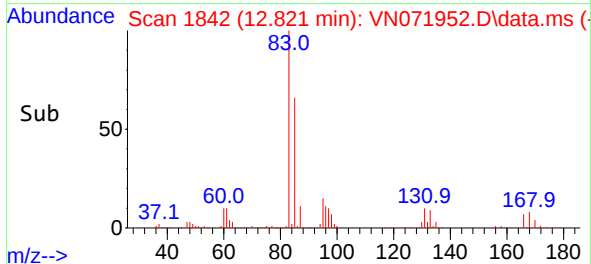
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



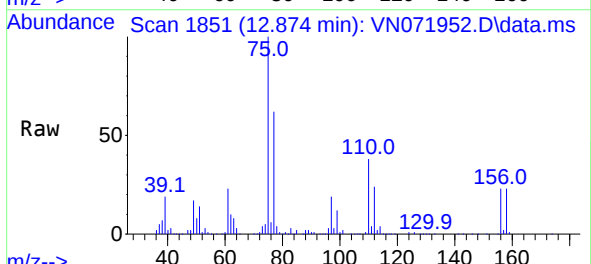
Tgt Ion: 83 Resp: 486958
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 64.2 32.3 96.9

Manual Integrations
APPROVED

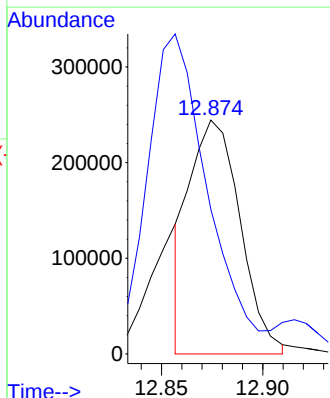
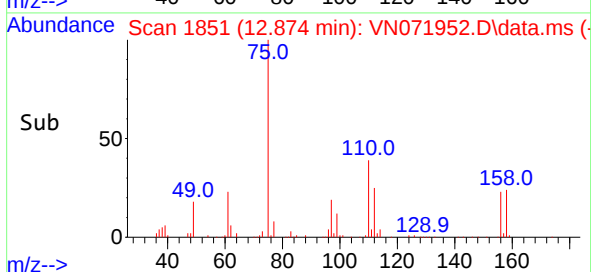
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

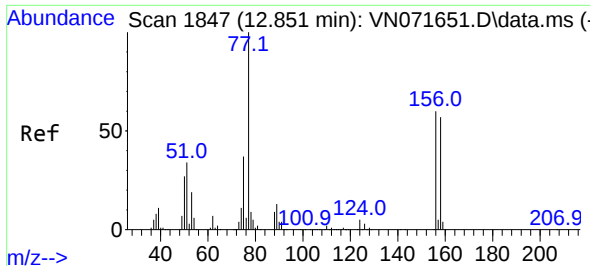


#76
1,2,3-Trichloropropane
Concen: 57.700 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



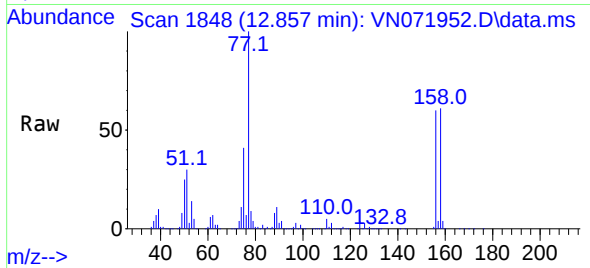
Tgt Ion: 75 Resp: 425947
Ion Ratio Lower Upper
75 100
77 162.9 98.5 295.5





#77
Bromobenzene
Concen: 51.874 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

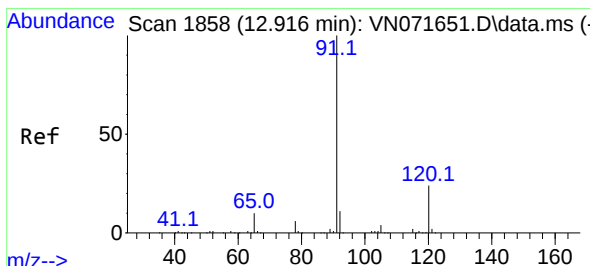
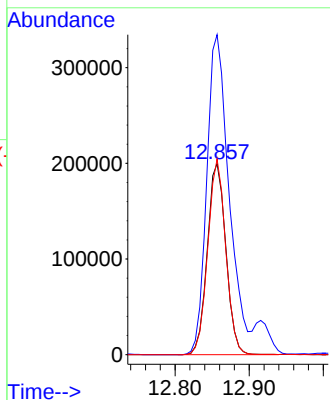
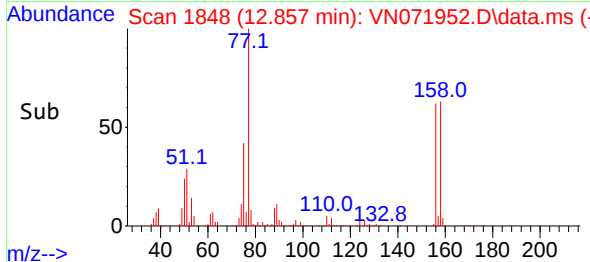
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 349193
Ion Ratio Lower Upper
156 100
77 198.7 100.5 301.5
158 98.7 48.9 146.6

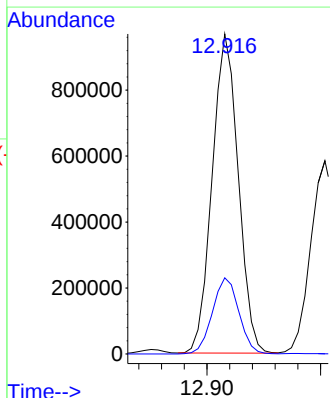
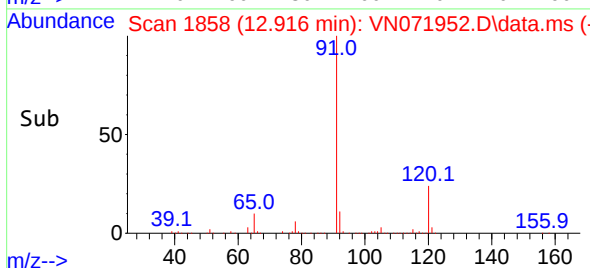
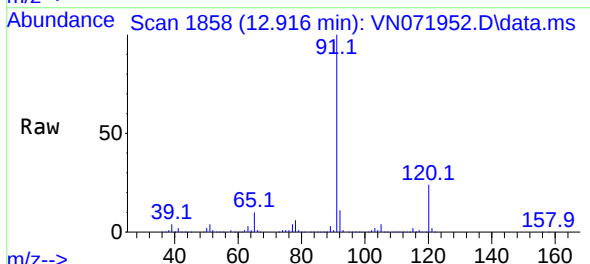
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#78
n-propylbenzene
Concen: 54.646 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

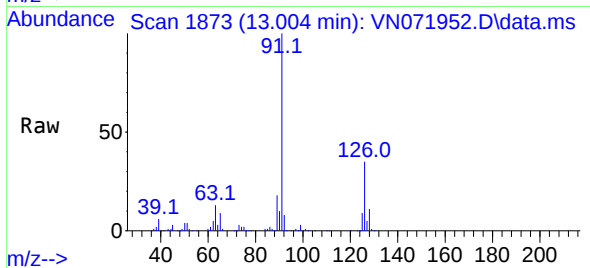
Tgt Ion: 91 Resp: 1543563
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 53.550 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

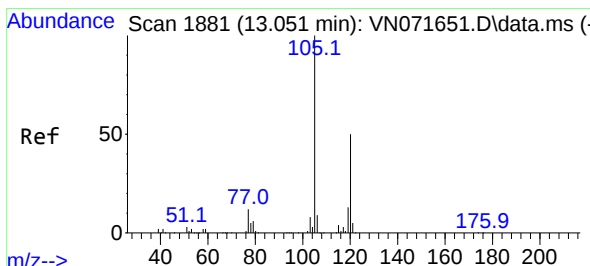
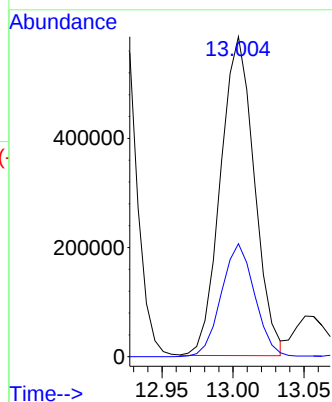
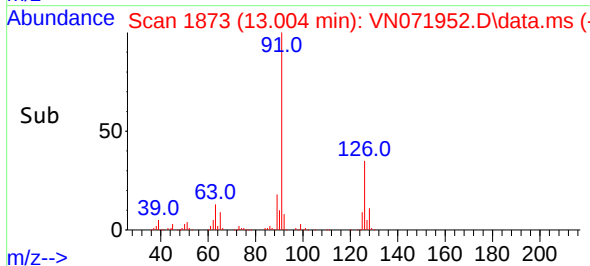
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



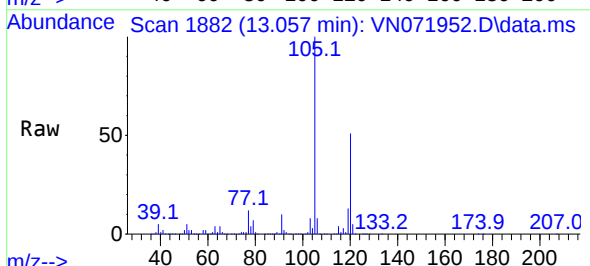
Tgt Ion: 91 Resp: 970050
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.9

Manual Integrations
APPROVED

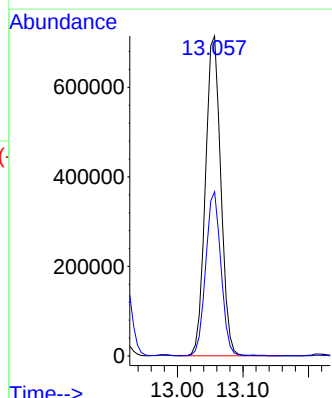
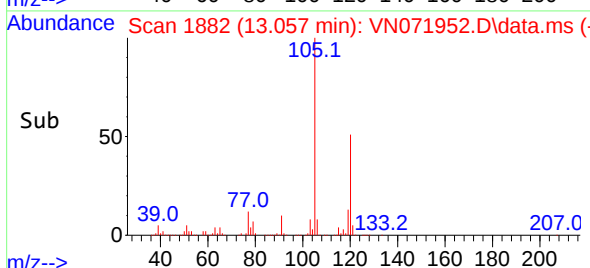
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

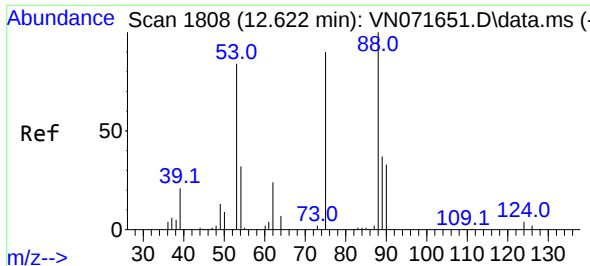


#80
1,3,5-Trimethylbenzene
Concen: 54.847 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



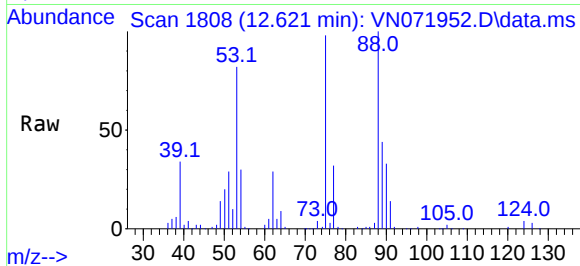
Tgt Ion:105 Resp: 1166921
Ion Ratio Lower Upper
105 100
120 51.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 58.651 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

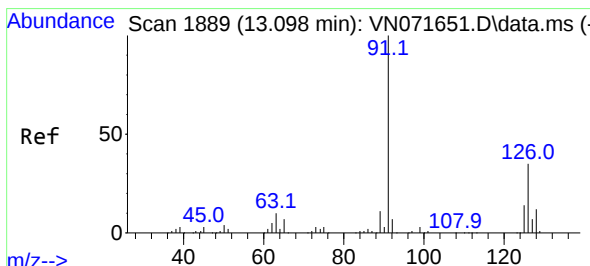
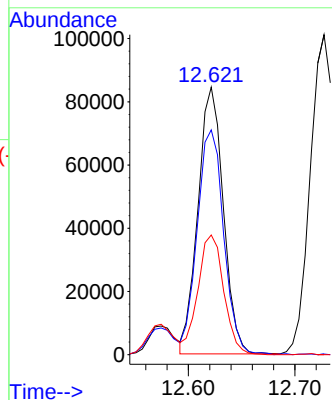
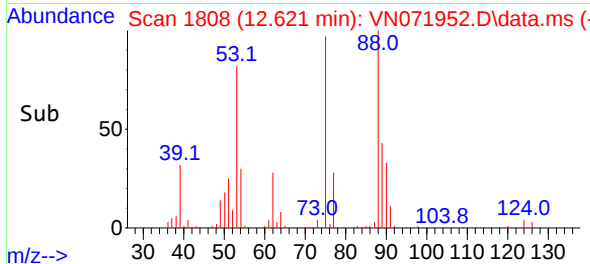
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



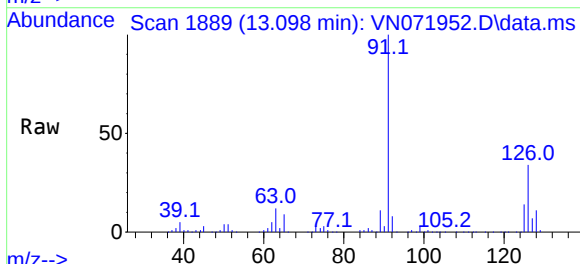
Tgt Ion: 75 Resp: 139714
Ion Ratio Lower Upper
75 100
53 87.9 78.0 117.0
89 46.0 37.2 55.8

Manual Integrations
APPROVED

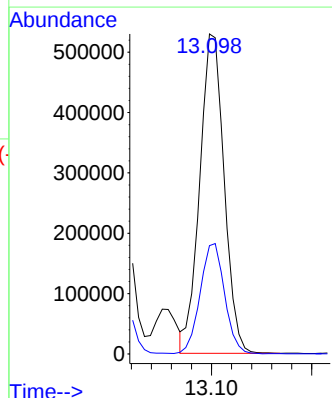
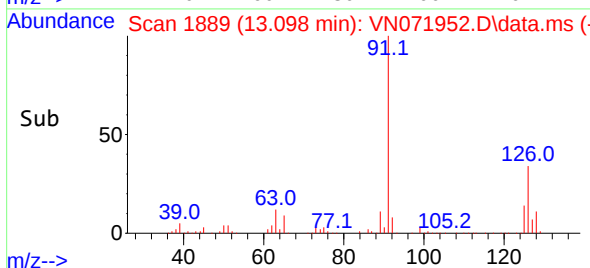
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

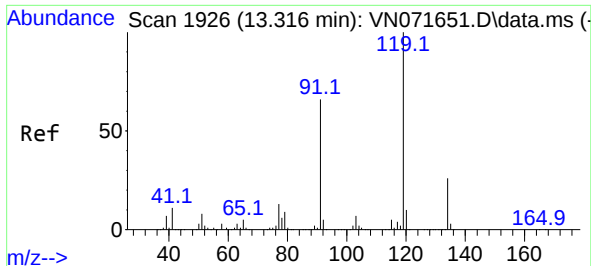


#82
4-Chlorotoluene
Concen: 53.426 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



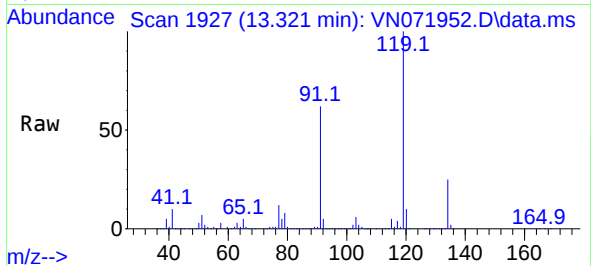
Tgt Ion: 91 Resp: 897088
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 55.525 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

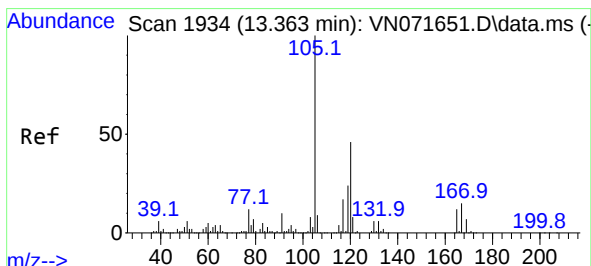
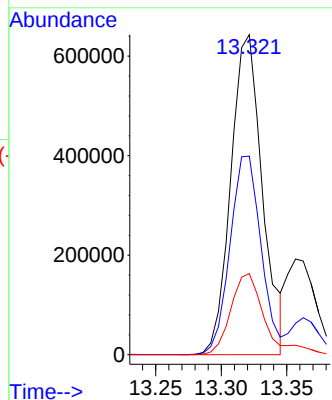
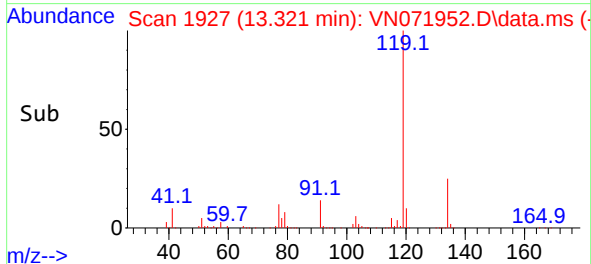
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



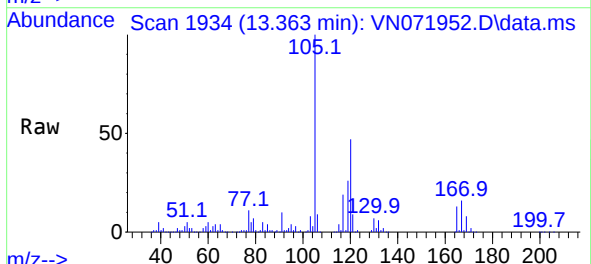
Tgt Ion:119 Resp: 107986
Ion Ratio Lower Upper
119 100
91 61.0 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations
APPROVED

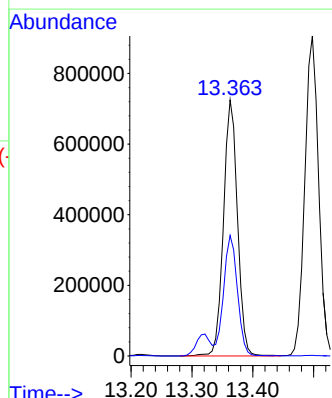
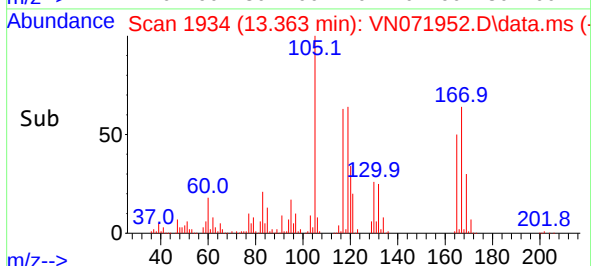
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

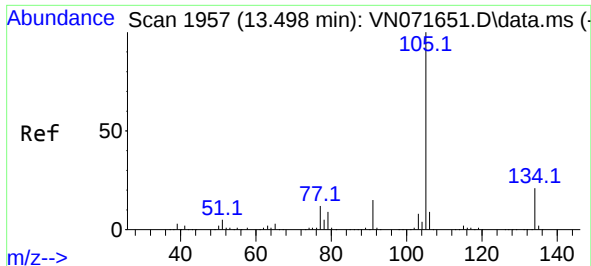


#84
1,2,4-Trimethylbenzene
Concen: 55.689 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



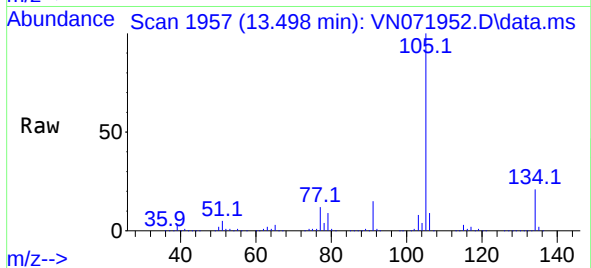
Tgt Ion:105 Resp: 1156033
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 56.498 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071952.D
 Acq: 11 Apr 2022 21:42

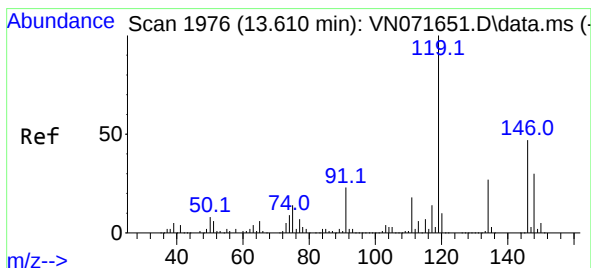
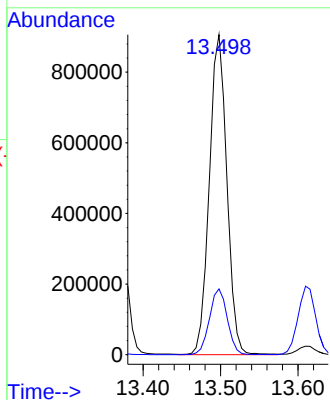
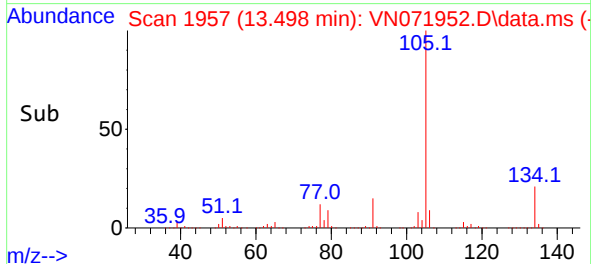
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



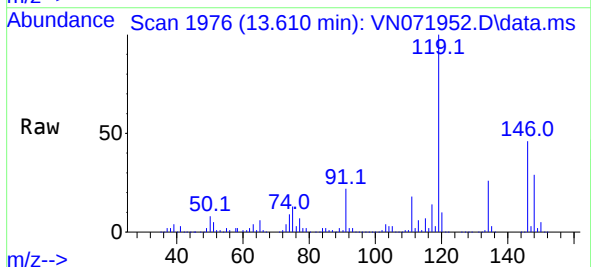
Tgt Ion:105 Resp: 142440
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations
 APPROVED

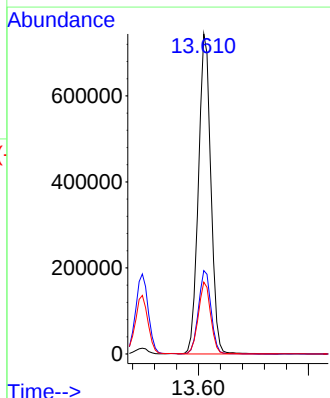
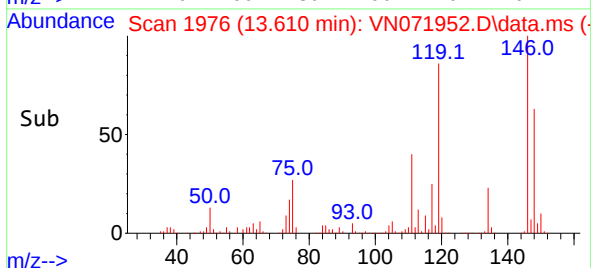
Reviewed By :John Carlone 04/12/2022
 Supervised By :Mahesh Dadoda 04/12/2022

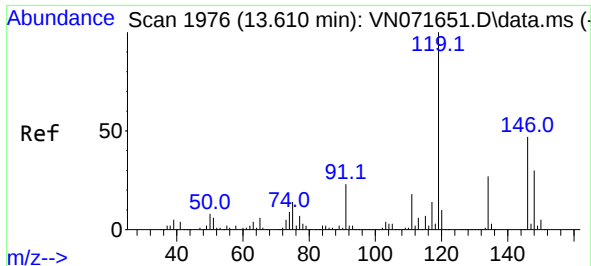


#86
 p-Isopropyltoluene
 Concen: 57.960 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071952.D
 Acq: 11 Apr 2022 21:42



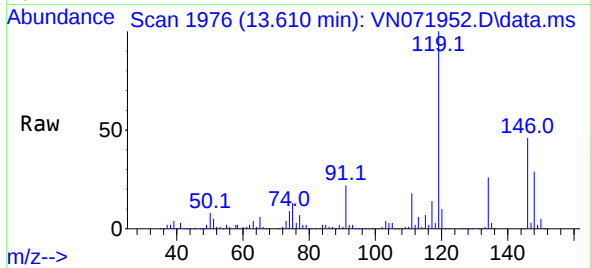
Tgt Ion:119 Resp: 1165112
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 53.763 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

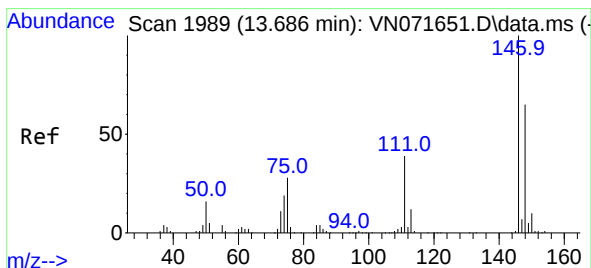
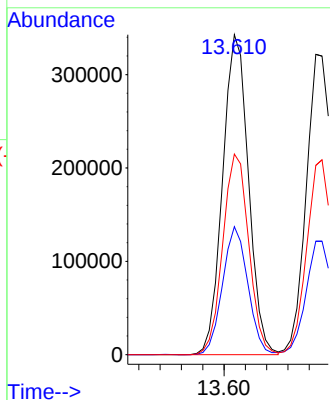
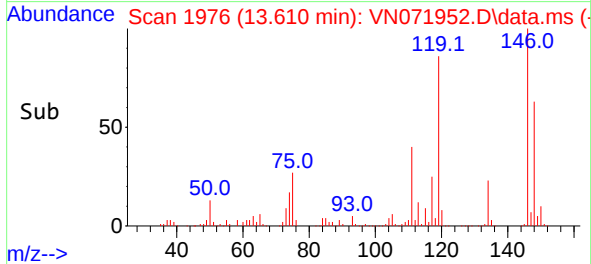
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



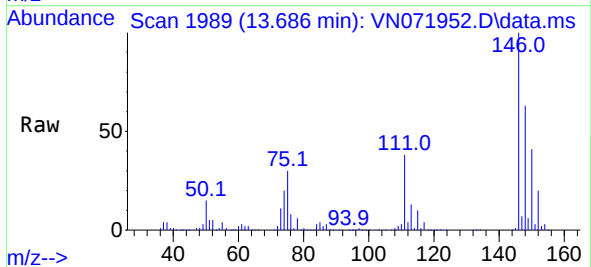
Tgt Ion:146 Resp: 576570
Ion Ratio Lower Upper
146 100
111 39.3 20.0 60.0
148 63.2 32.0 96.0

Manual Integrations
APPROVED

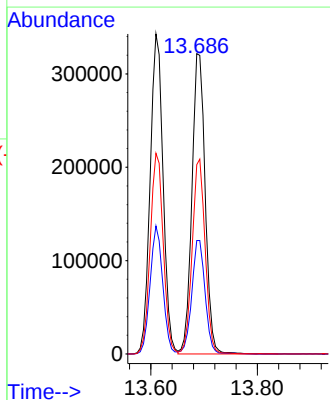
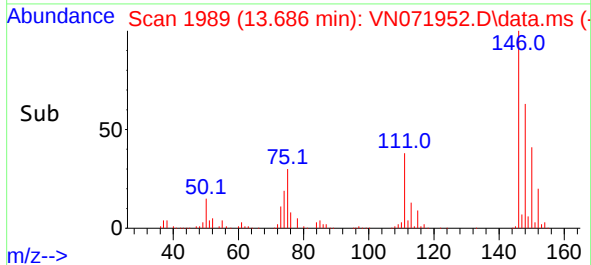
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#88
1,4-Dichlorobenzene
Concen: 53.283 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



Tgt Ion:146 Resp: 557480
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 63.5 31.4 94.3





#89
n-Butylbenzene
Concen: 57.479 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

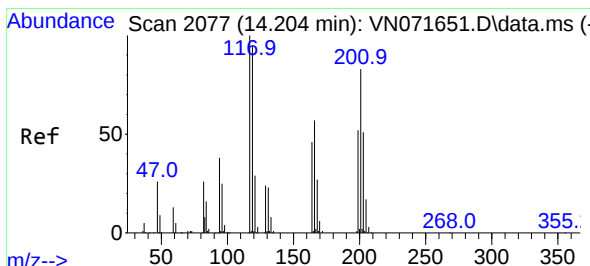
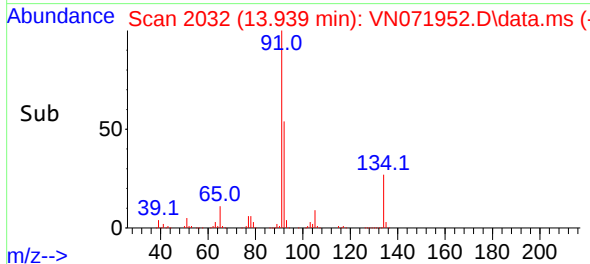
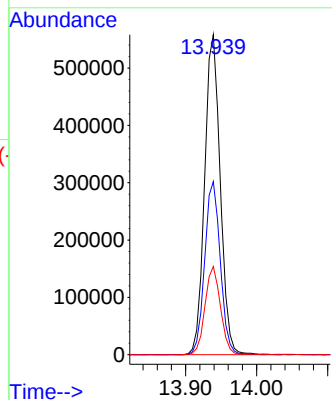
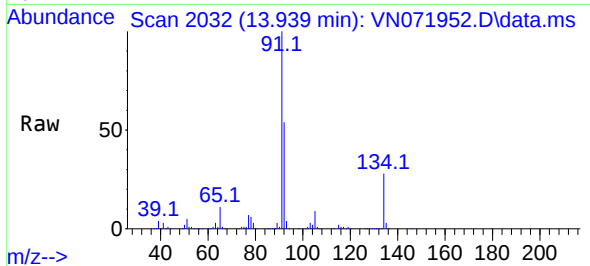
VSTDCCC050EC

Tgt Ion: 91 Resp: 856980
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 27.3 13.6 40.8

Manual Integrations

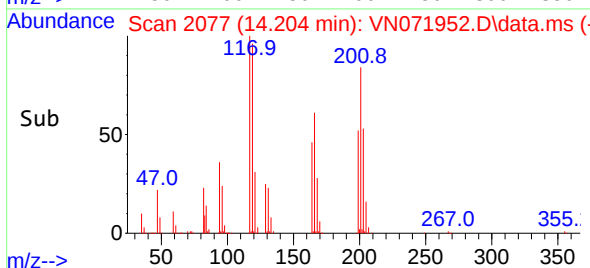
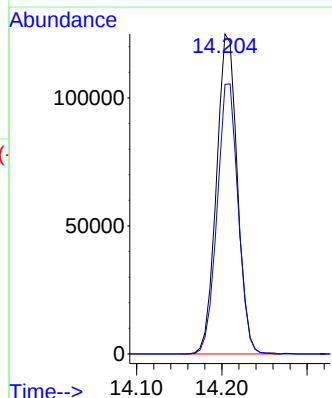
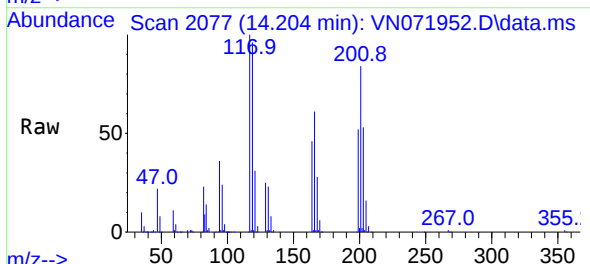
APPROVED

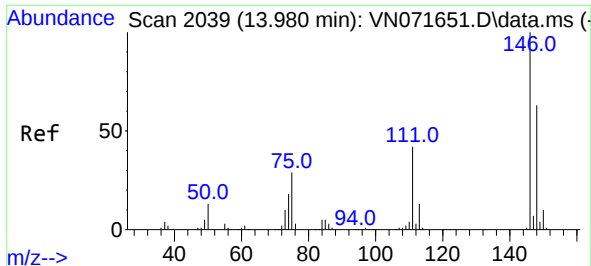
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#90
Hexachloroethane
Concen: 57.723 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Tgt Ion:117 Resp: 212408
Ion Ratio Lower Upper
117 100
201 85.1 40.6 122.0





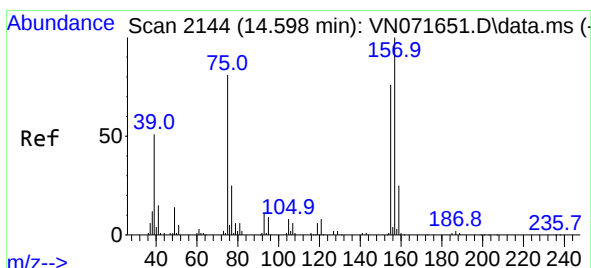
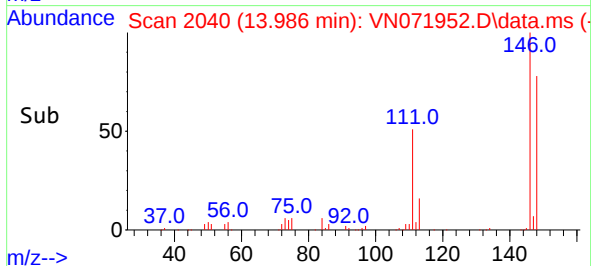
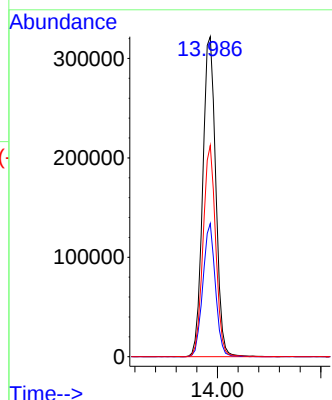
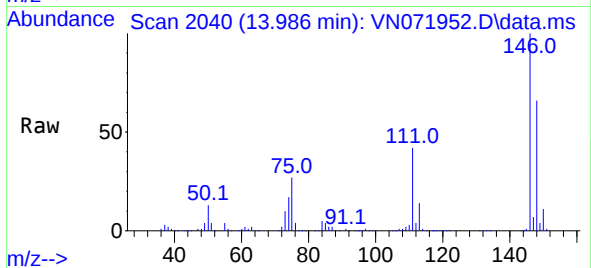
#91
1,2-Dichlorobenzene
Concen: 53.364 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 561830
Ion Ratio Lower Upper
146 100
111 40.3 20.9 62.8
148 64.1 32.1 96.3

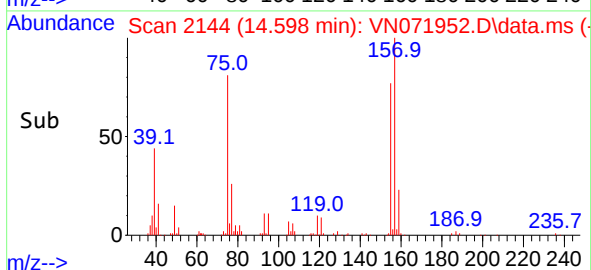
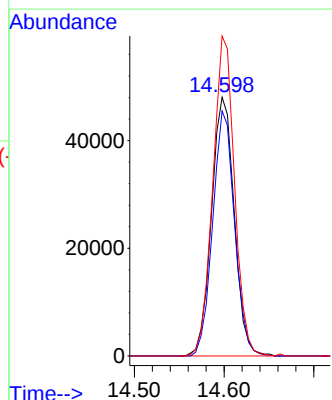
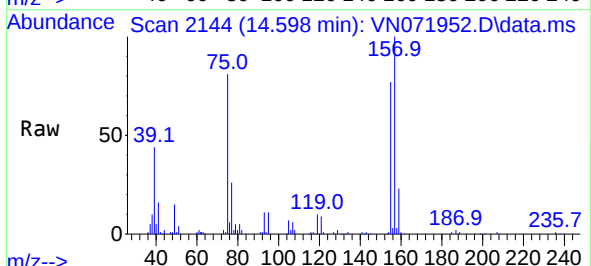
Manual Integrations
APPROVED

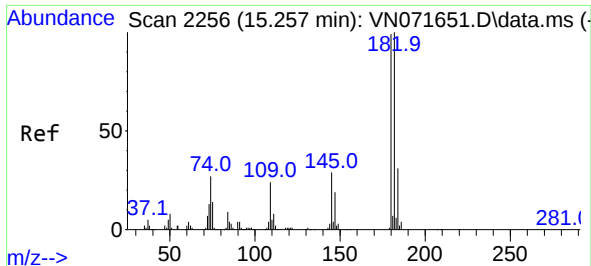
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.790 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

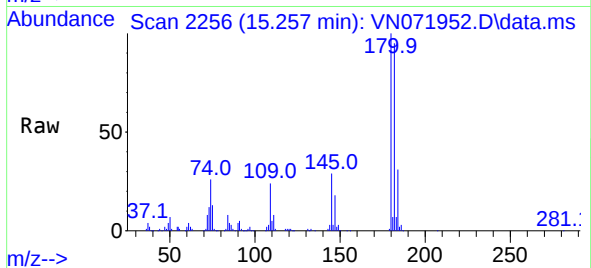
Tgt Ion: 75 Resp: 84483
Ion Ratio Lower Upper
75 100
155 90.9 44.9 134.5
157 117.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 53.287 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

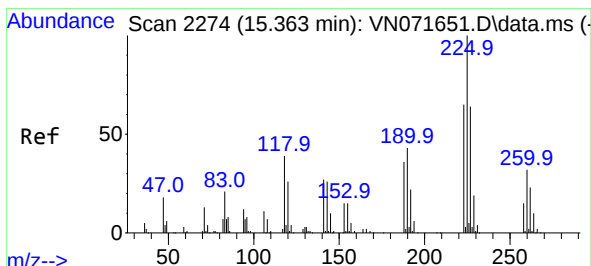
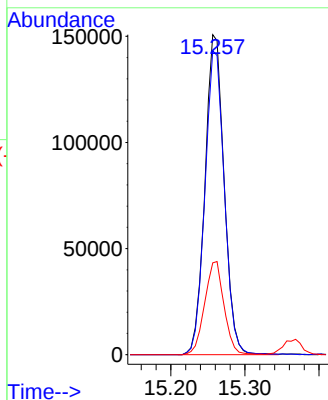
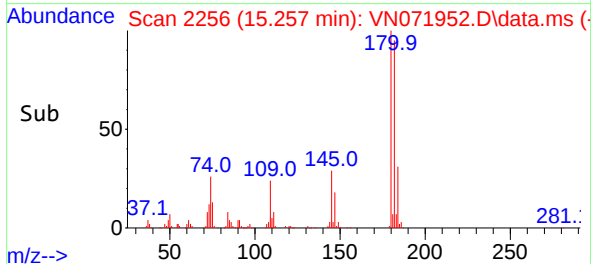
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



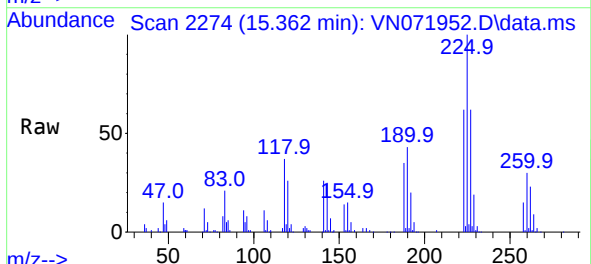
Tgt Ion:180 Resp: 270970
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 29.4 14.5 43.5

Manual Integrations
APPROVED

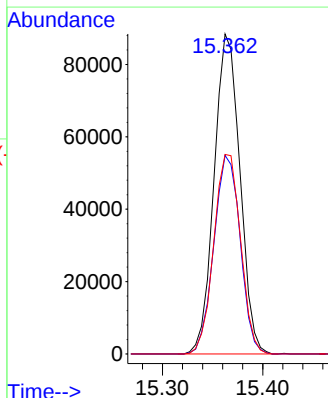
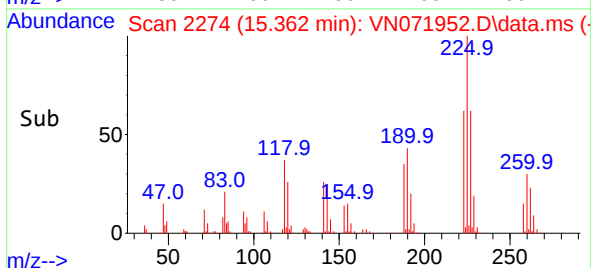
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

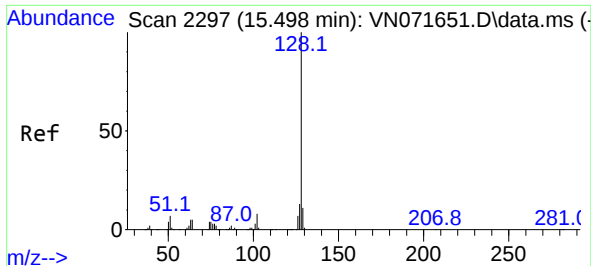


#94
Hexachlorobutadiene
Concen: 50.924 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



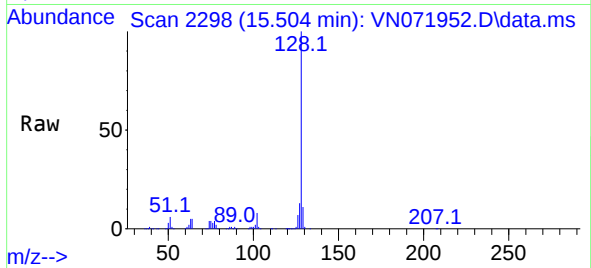
Tgt Ion:225 Resp: 158126
Ion Ratio Lower Upper
225 100
223 63.2 32.4 97.2
227 64.7 31.8 95.4





#95
Naphthalene
Concen: 56.437 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42

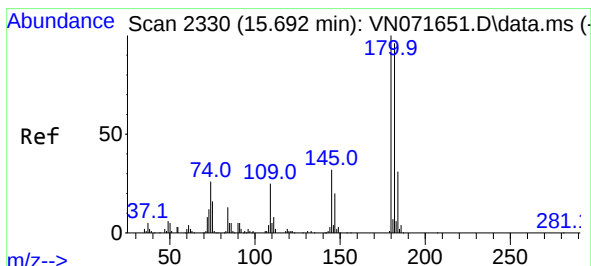
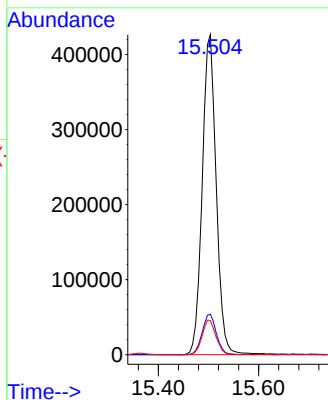
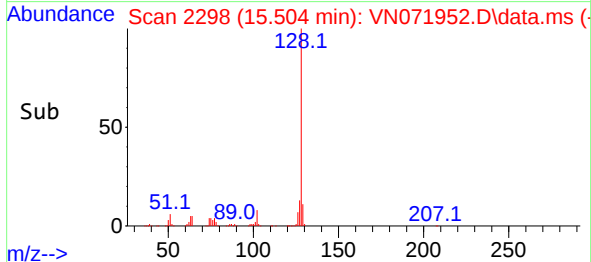
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



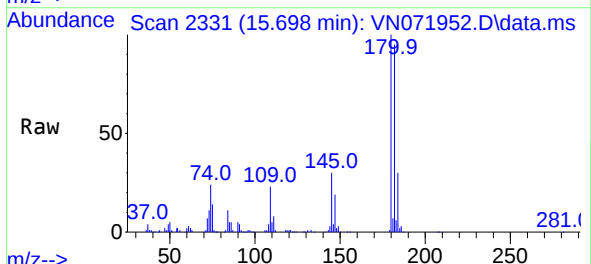
Tgt Ion:128 Resp: 82665
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.321 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071952.D
Acq: 11 Apr 2022 21:42



Tgt Ion:180 Resp: 278271
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.3
145 30.0 15.5 46.5

