

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071718.D
 Acq On : 31 Mar 2022 20:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 01:40:38 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	8.086	168	561869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	909970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	830097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	323892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	332995	51.914	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.820%			
35) Dibromofluoromethane	8.016	113	276618	51.659	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.320%			
50) Toluene-d8	10.439	98	1126329	51.420	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.727	95	360687	50.914	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	219559	49.152	ug/l	99
3) Chloromethane	2.299	50	262085	46.302	ug/l	99
4) Vinyl Chloride	2.446	62	300034	48.268	ug/l	99
5) Bromomethane	2.840	94	183649	45.449	ug/l	96
6) Chloroethane	3.010	64	209529	46.856	ug/l	100
7) Trichlorofluoromethane	3.375	101	379617	48.001	ug/l	98
8) Diethyl Ether	3.828	74	167225	50.034	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	234318	48.080	ug/l	98
10) Methyl Iodide	4.422	142	338872	49.742	ug/l	99
11) Tert butyl alcohol	5.363	59	283098	271.961	ug/l	99
12) 1,1-Dichloroethene	4.187	96	224125	48.327	ug/l	99
13) Acrolein	4.040	56	341782	269.282	ug/l	99
14) Allyl chloride	4.840	41	375206	49.846	ug/l	96
15) Acrylonitrile	5.551	53	825111	272.701	ug/l	99
16) Acetone	4.287	43	631347	230.311	ug/l	98
17) Carbon Disulfide	4.534	76	487175	45.783	ug/l	98
18) Methyl Acetate	4.851	43	353870	52.196	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	891998	51.772	ug/l	99
20) Methylene Chloride	5.098	84	283568	49.078	ug/l	99
21) trans-1,2-Dichloroethene	5.604	96	244068	47.940	ug/l	100
22) Diisopropyl ether	6.492	45	843351	51.464	ug/l	99
23) Vinyl Acetate	6.434	43	3584761	275.088	ug/l	99
24) 1,1-Dichloroethane	6.387	63	486900	50.613	ug/l	99
25) 2-Butanone	7.328	43	1033769	261.588	ug/l	99
26) 2,2-Dichloropropane	7.322	77	375012	45.378	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	314366	50.354	ug/l	97
28) Bromochloromethane	7.651	49	201032	51.803	ug/l	99
29) Tetrahydrofuran	7.681	42	684094	267.339	ug/l	99
30) Chloroform	7.816	83	504517	49.667	ug/l	99
31) Cyclohexane	8.098	56	401252	45.998	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	431899	49.701	ug/l	98
36) 1,1-Dichloropropene	8.222	75	354203	47.369	ug/l	100
37) Ethyl Acetate	7.410	43	415121	50.721	ug/l	100
38) Carbon Tetrachloride	8.204	117	357316	48.758	ug/l	97
39) Methylcyclohexane	9.457	83	429890	48.296	ug/l	99
40) Benzene	8.457	78	1143019	48.389	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	215341	53.735	ug/l	90
42) 1,2-Dichloroethane	8.528	62	385662	47.198	ug/l	99
43) Isopropyl Acetate	8.557	43	644142	47.317	ug/l	99
44) Trichloroethene	9.216	130	292840	48.121	ug/l	99
45) 1,2-Dichloropropane	9.486	63	292358	49.543	ug/l	99
46) Dibromomethane	9.575	93	195011	48.673	ug/l	99
47) Bromodichloromethane	9.757	83	400039	50.722	ug/l	97
48) Methyl methacrylate	9.557	41	307595	54.462	ug/l	98
49) 1,4-Dioxane	9.563	88	133473	996.090	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2105296	268.984	ug/l	99
52) Toluene	10.504	92	743091	49.766	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	423184	51.196	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	471901	51.669	ug/l	98
55) 1,1,2-Trichloroethane	10.898	97	303759	49.430	ug/l	98
56) Ethyl methacrylate	10.757	69	482797	55.072	ug/l	95
57) 1,3-Dichloropropane	11.039	76	509713	49.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	510250	193.192	ug/l	100
59) 2-Hexanone	11.080	43	1488737	270.163	ug/l	98
60) Dibromochloromethane	11.233	129	318265	53.115	ug/l	100
61) 1,2-Dibromoethane	11.345	107	306565	50.679	ug/l	99
64) Tetrachloroethene	10.974	164	251468	45.876	ug/l	99
65) Chlorobenzene	11.769	112	800073	48.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	297470	49.597	ug/l	99
67) Ethyl Benzene	11.839	91	1413321	50.228	ug/l	100
68) m/p-Xylenes	11.951	106	1075162	99.448	ug/l	100
69) o-Xylene	12.274	106	537530	50.092	ug/l	99
70) Styrene	12.292	104	856793	52.697	ug/l	100
71) Bromoform	12.457	173	241791	52.938	ug/l	99
73) Isopropylbenzene	12.574	105	1380947	50.596	ug/l	100
74) N-amyl acetate	12.386	43	431245	55.146	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	445249	48.893	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	340350m	45.361	ug/l	
77) Bromobenzene	12.857	156	325863	47.627	ug/l	99
78) n-propylbenzene	12.916	91	1463661	50.980	ug/l	100
79) 2-Chlorotoluene	13.004	91	921598	50.053	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1104415	51.071	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	124297	51.337	ug/l	98
82) 4-Chlorotoluene	13.104	91	844121	49.460	ug/l	100
83) tert-Butylbenzene	13.321	119	998401	50.507	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1078196	51.101	ug/l	100
85) sec-Butylbenzene	13.498	105	1321451	51.569	ug/l	99
86) p-Isopropyltoluene	13.610	119	1072592	52.496	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	531196	48.732	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	504297	47.422	ug/l	98
89) n-Butylbenzene	13.939	91	779853	51.462	ug/l	100
90) Hexachloroethane	14.210	117	197810	52.888	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	514304	48.061	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	76176	53.928	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	243036	47.267	ug/l	100
94) Hexachlorobutadiene	15.362	225	139960	44.346	ug/l	99
95) Naphthalene	15.504	128	685649	46.754	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	238337	47.840	ug/l	99

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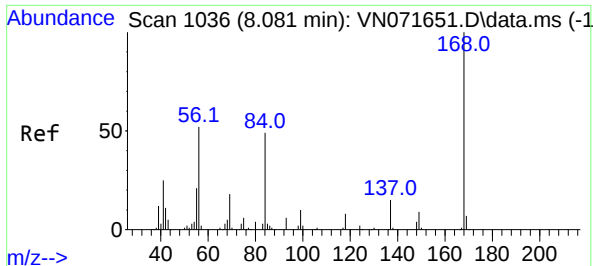
Manual Integrations
APPROVED

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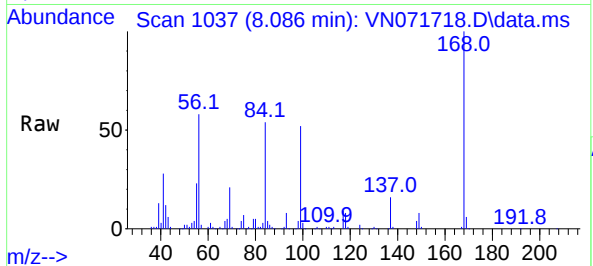
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
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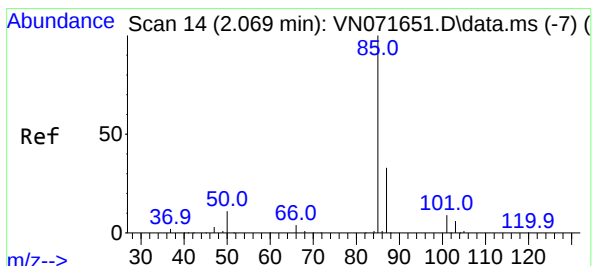
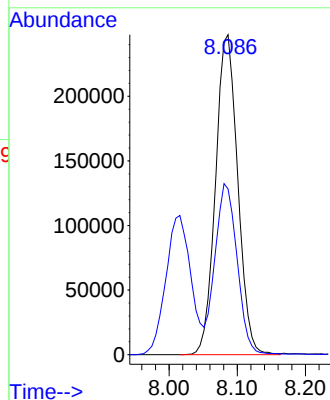
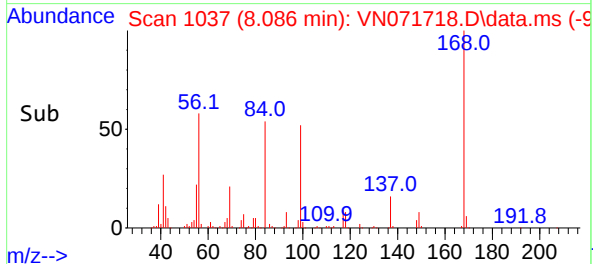
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 561869
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5

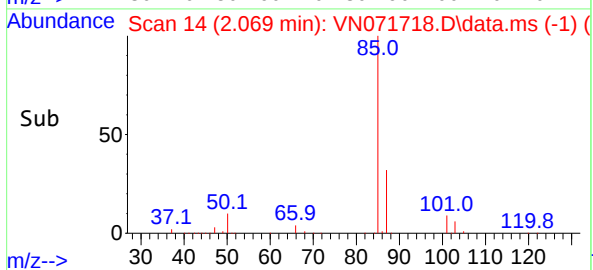
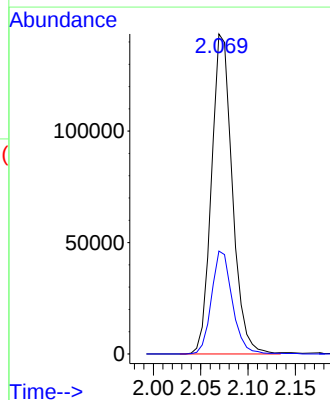
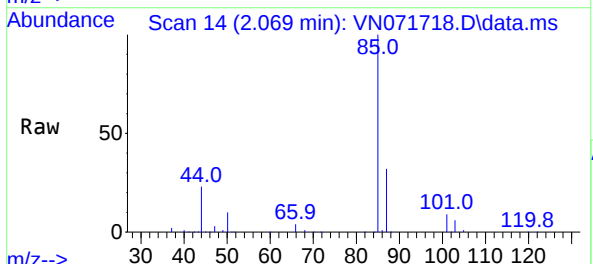
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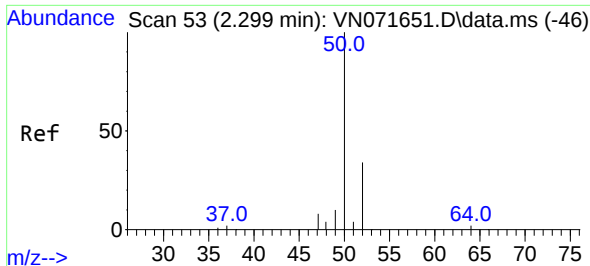
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



Dichlorodifluoromethane
Concen: 49.152 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

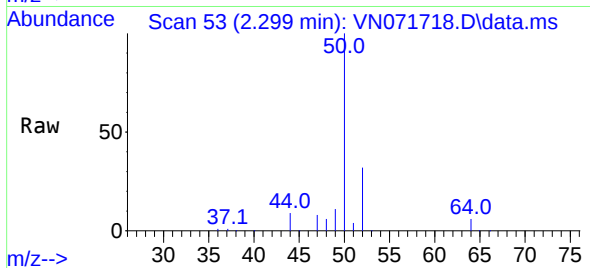
Tgt Ion: 85 Resp: 219559
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.1





#3
Chloromethane
Concen: 46.302 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

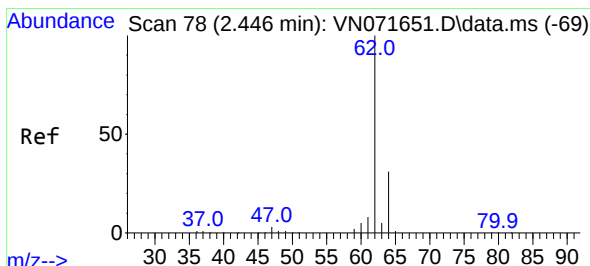
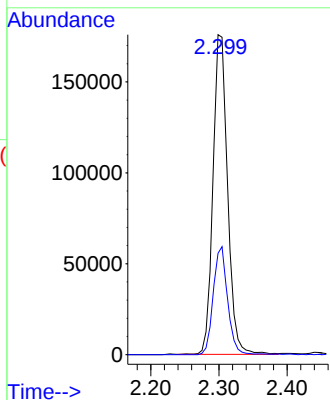
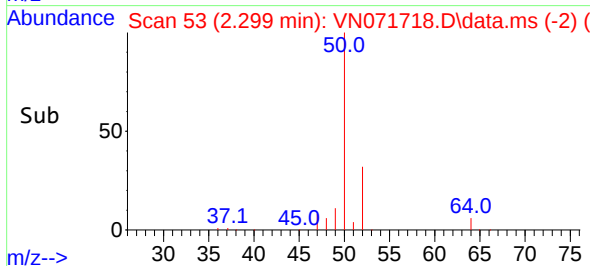
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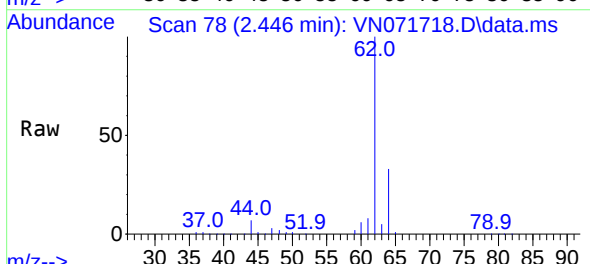
Tgt Ion: 50 Resp: 262085
Ion Ratio Lower Upper
50 100
52 31.8 25.7 38.5

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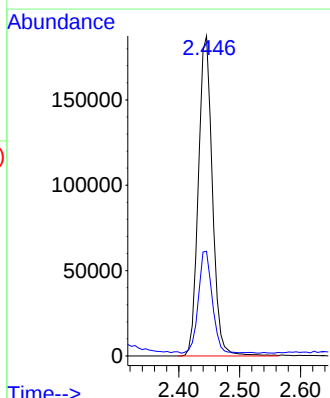
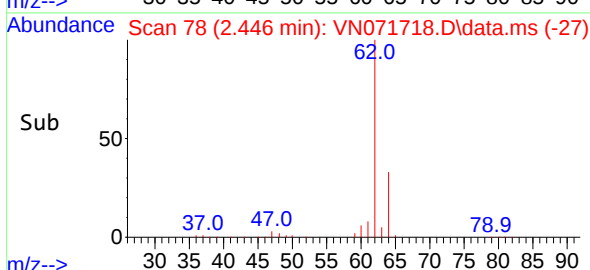
Reviewed By :John Carlone 04/01/2022
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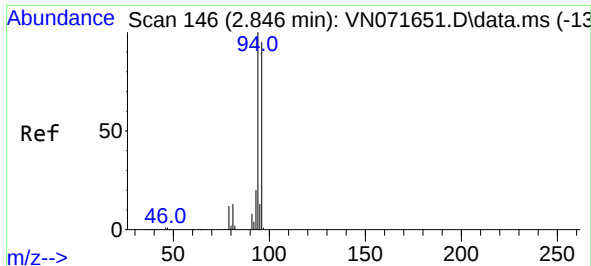


#4
Vinyl Chloride
Concen: 48.268 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



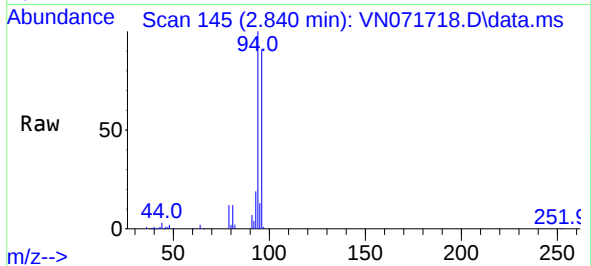
Tgt Ion: 62 Resp: 300034
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.4





#5
Bromomethane
Concen: 45.449 ug/l
RT: 2.840 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

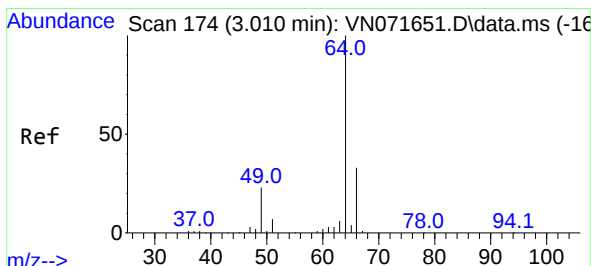
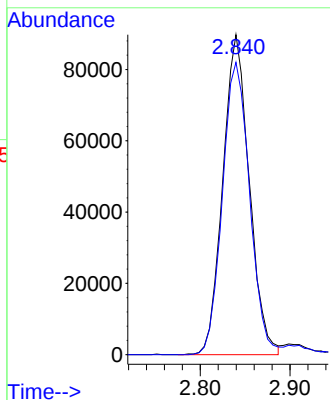
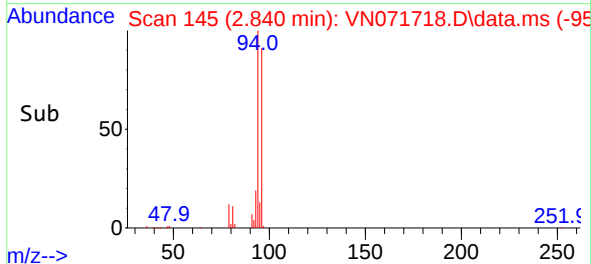
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Tgt Ion: 94 Resp: 183649
Ion Ratio Lower Upper
94 100
96 91.4 76.0 114.0

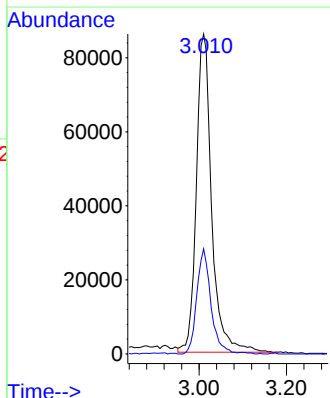
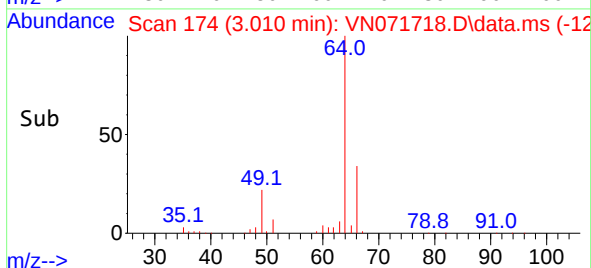
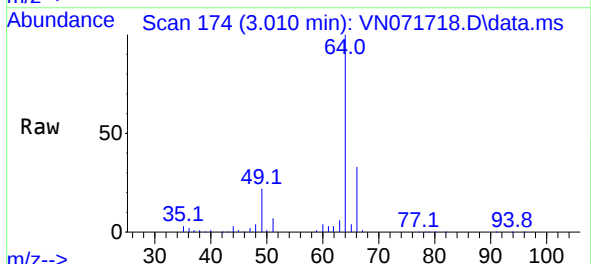
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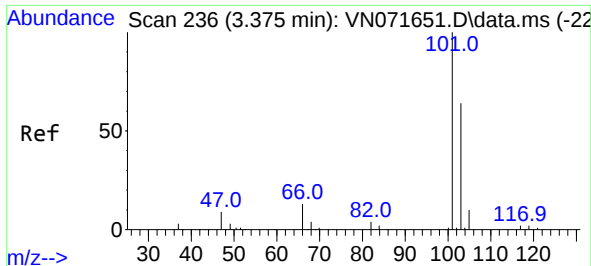
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#6
Chloroethane
Concen: 46.856 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

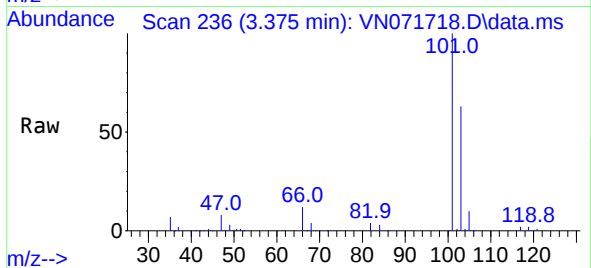
Tgt Ion: 64 Resp: 209529
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.001 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

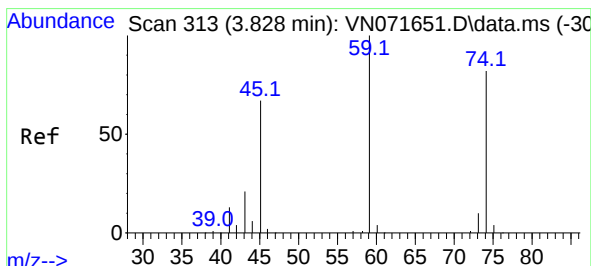
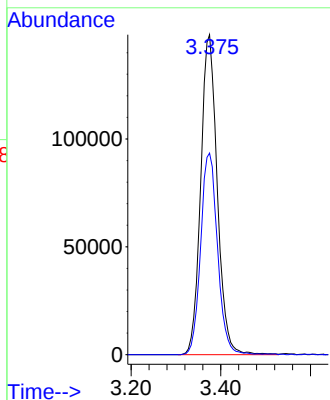
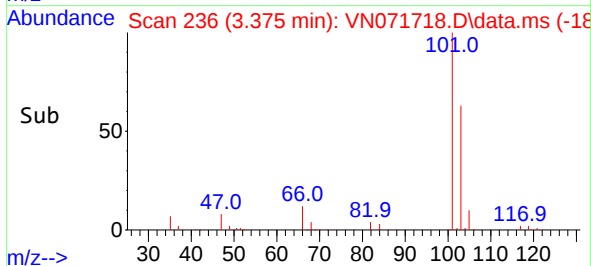
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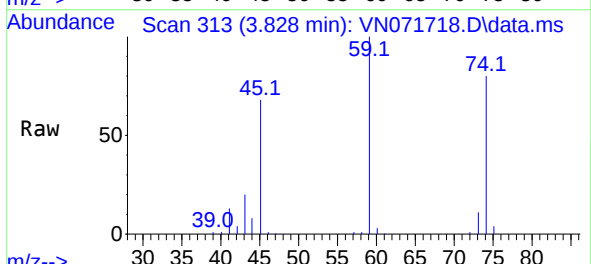
Tgt Ion:101 Resp: 37961
Ion Ratio Lower Upper
101 100
103 63.0 51.5 77.3

Manual Integrations
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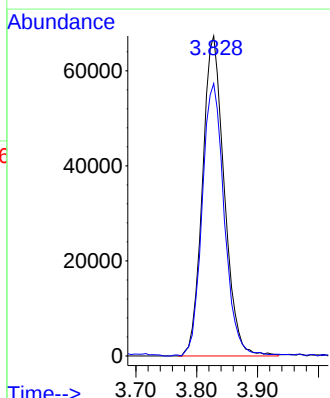
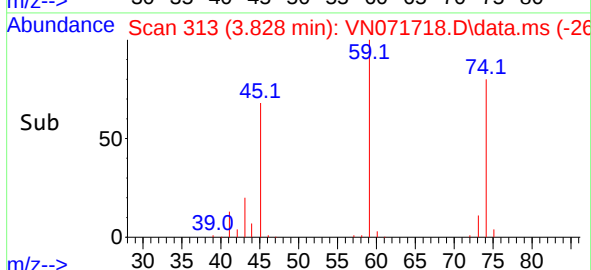
Reviewed By :John Carlone 04/01/2022
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#8
Diethyl Ether
Concen: 50.034 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071718.D
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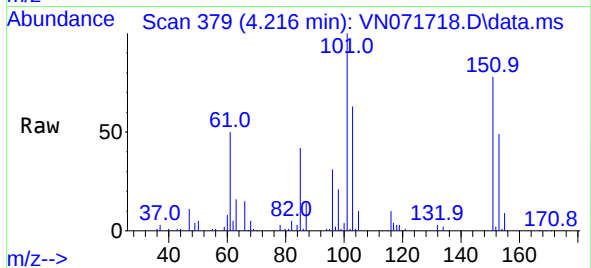
Tgt Ion: 74 Resp: 167225
Ion Ratio Lower Upper
74 100
45 86.4 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.080 ug/l
RT: 4.216 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN071718.D
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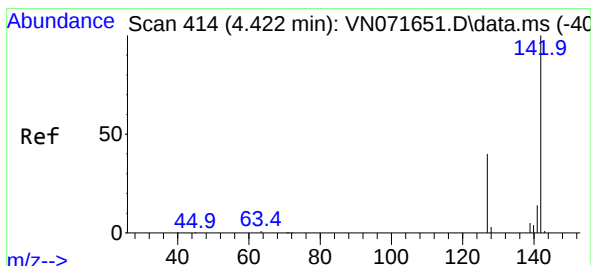
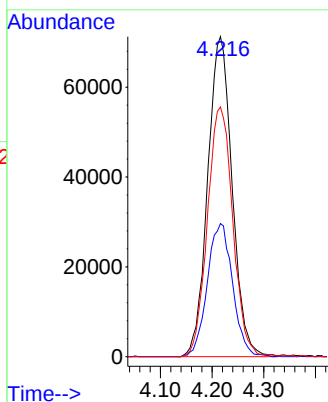
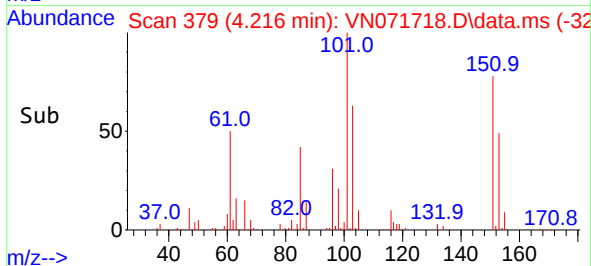
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MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 234318
Ion Ratio Lower Upper
101 100
85 43.0 34.7 52.1
151 81.0 63.0 94.4

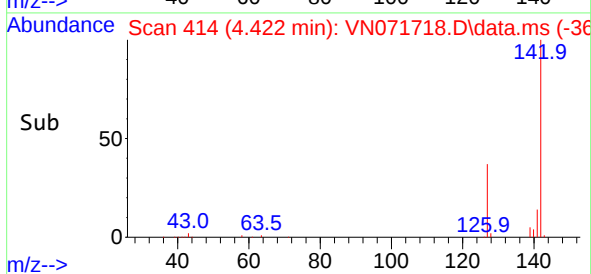
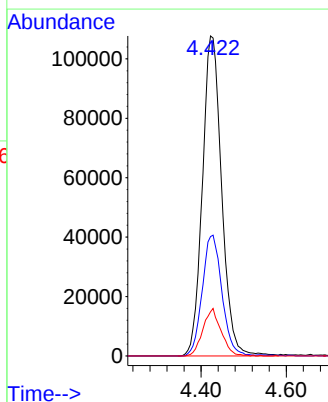
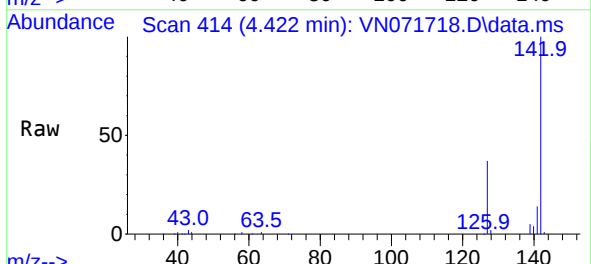
Manual Integrations
APPROVED

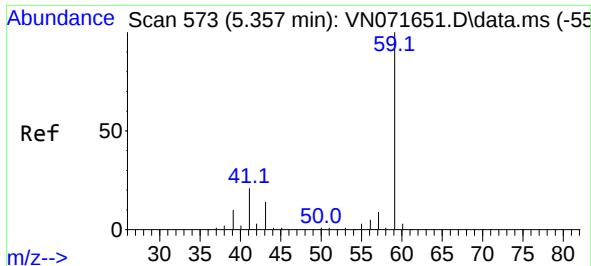
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Methyl Iodide
Concen: 49.742 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

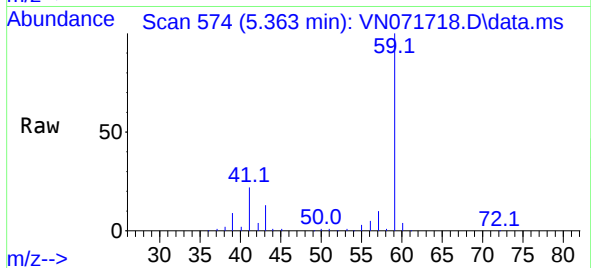
Tgt Ion:142 Resp: 338872
Ion Ratio Lower Upper
142 100
127 38.5 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 271.961 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

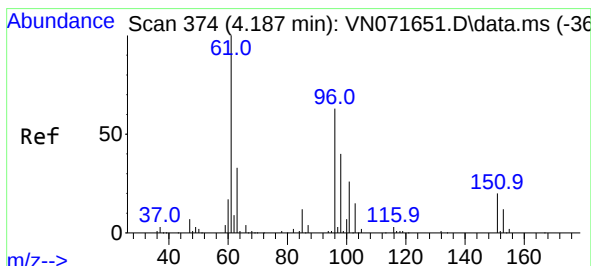
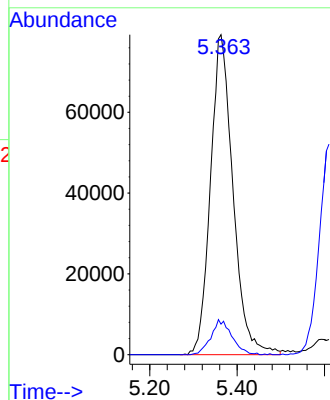
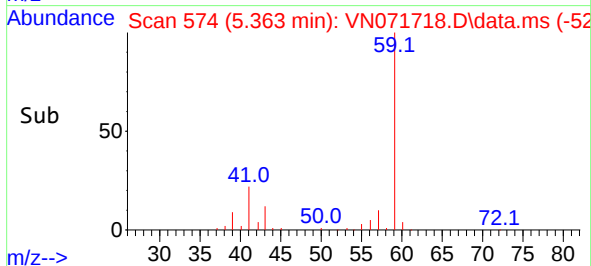
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



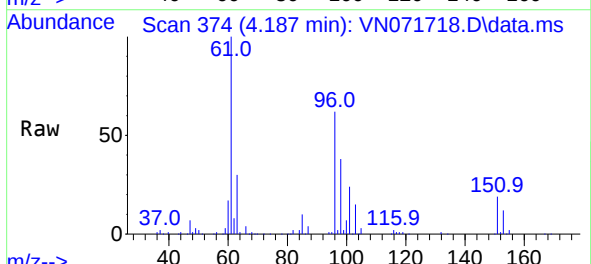
Tgt Ion: 59 Resp: 283098
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

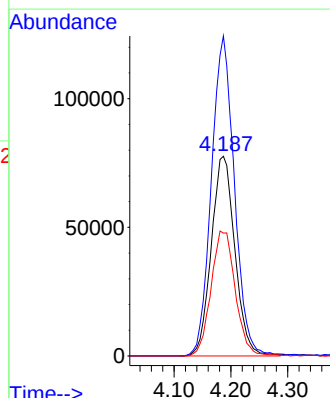
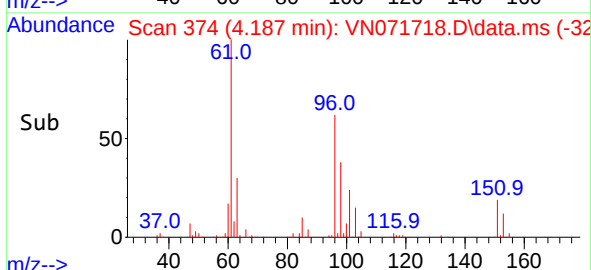
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#12
1,1-Dichloroethene
Concen: 48.327 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



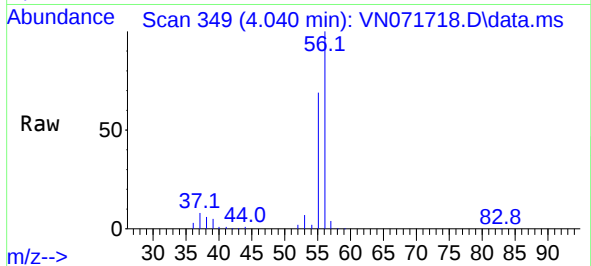
Tgt Ion: 96 Resp: 224125
Ion Ratio Lower Upper
96 100
61 160.3 127.6 191.4
98 61.6 51.2 76.8





#13
Acrolein
Concen: 269.282 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

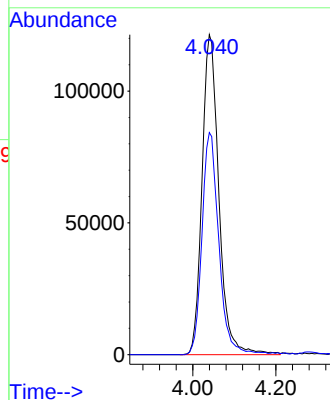
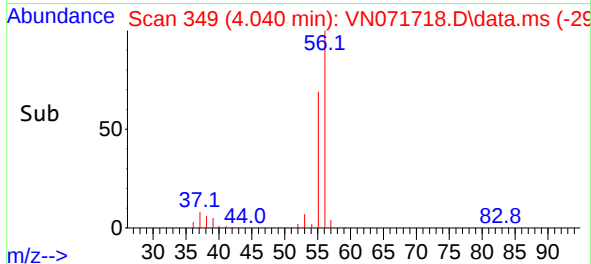
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



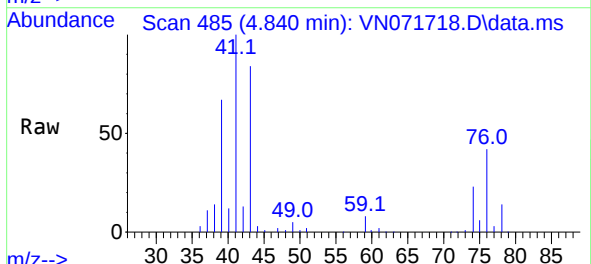
Tgt Ion: 56 Resp: 341782
Ion Ratio Lower Upper
56 100
55 69.4 54.8 82.2

Manual Integrations
APPROVED

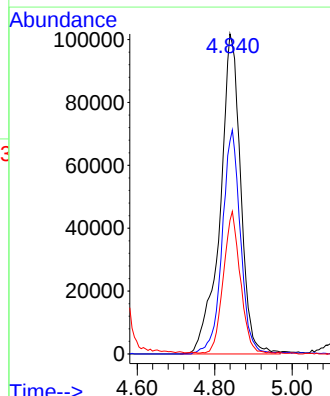
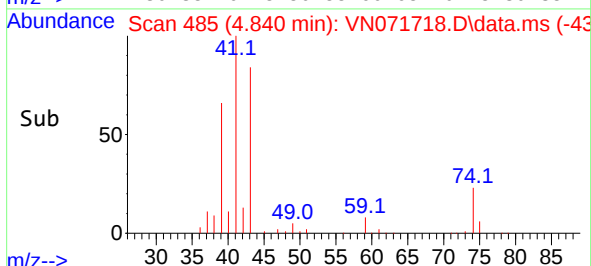
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#14
Allyl chloride
Concen: 49.846 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



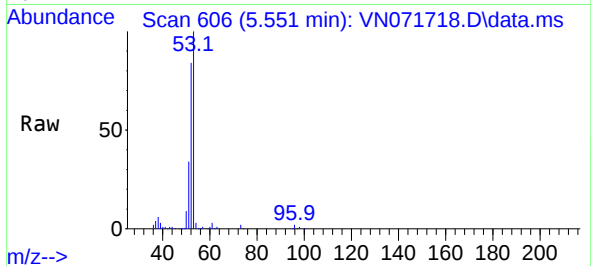
Tgt Ion: 41 Resp: 375206
Ion Ratio Lower Upper
41 100
39 62.1 53.2 79.8
76 36.1 29.9 44.9





#15
Acrylonitrile
Concen: 272.701 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

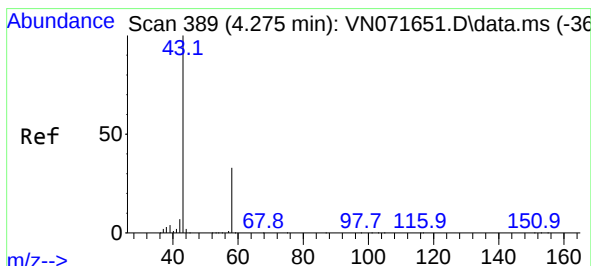
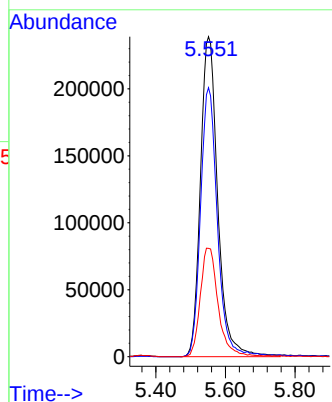
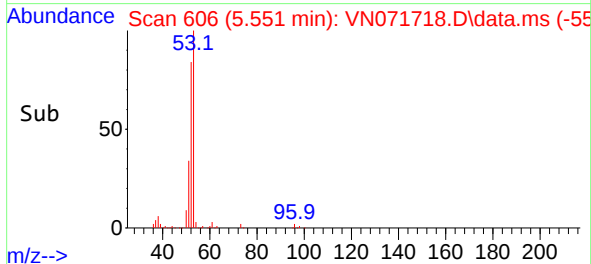
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



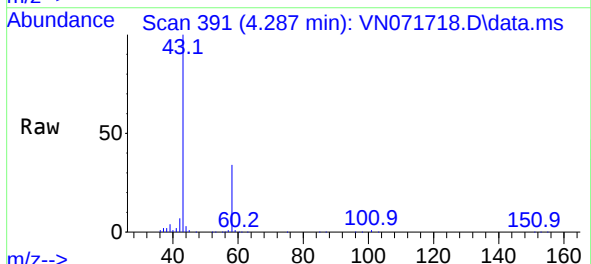
Tgt Ion: 53 Resp: 82511
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 35.0 28.5 42.7

Manual Integrations
APPROVED

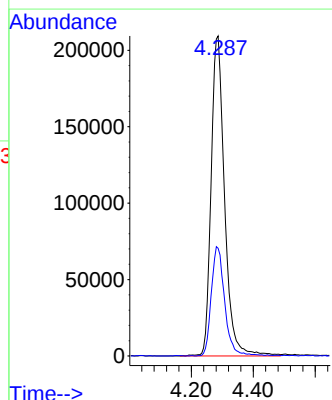
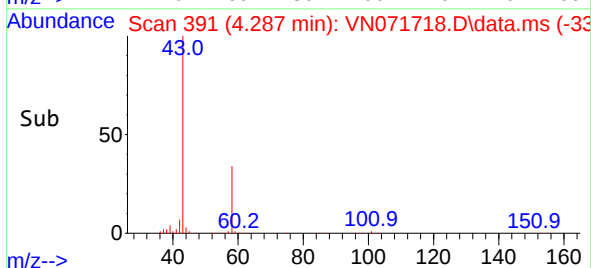
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#16
Acetone
Concen: 230.311 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



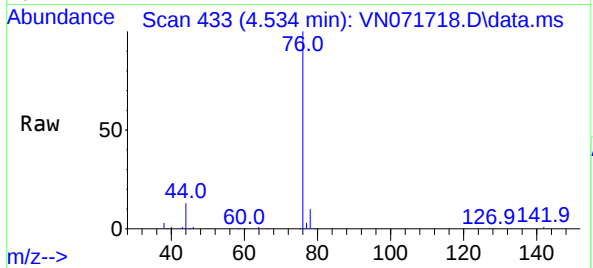
Tgt Ion: 43 Resp: 631347
Ion Ratio Lower Upper
43 100
58 33.6 26.0 39.0





#17
Carbon Disulfide
Concen: 45.783 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

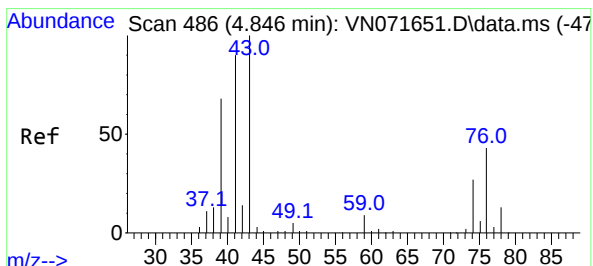
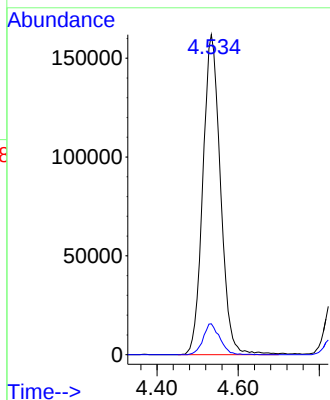
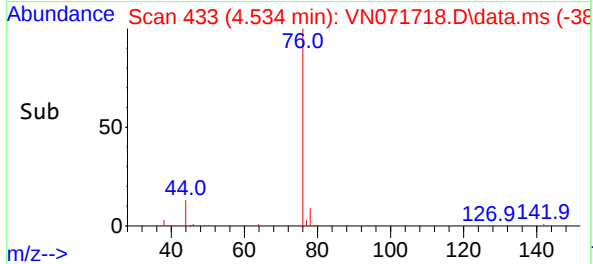
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



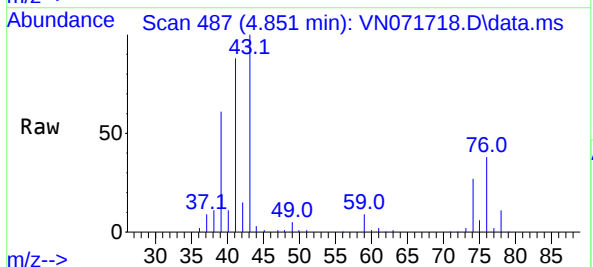
Tgt Ion: 76 Resp: 48717
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

Manual Integrations
APPROVED

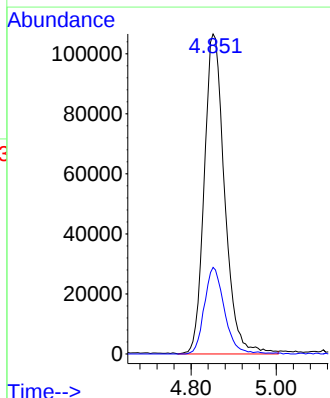
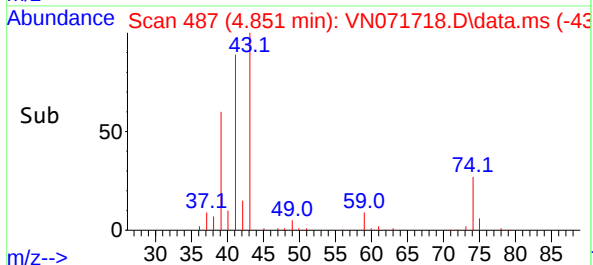
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#18
Methyl Acetate
Concen: 52.196 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion: 43 Resp: 353870
Ion Ratio Lower Upper
43 100
74 26.7 21.6 32.4





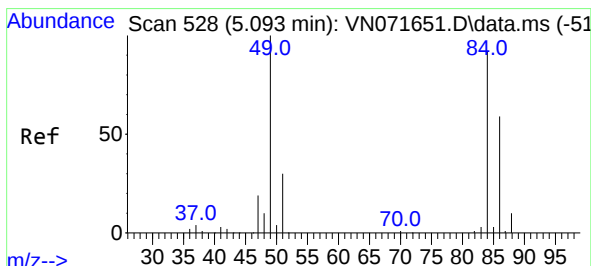
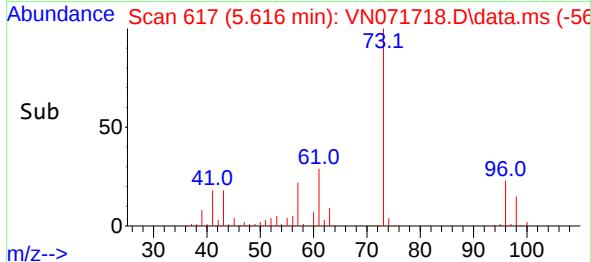
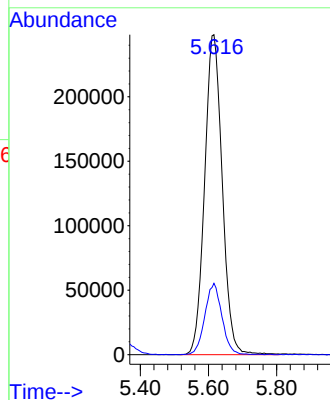
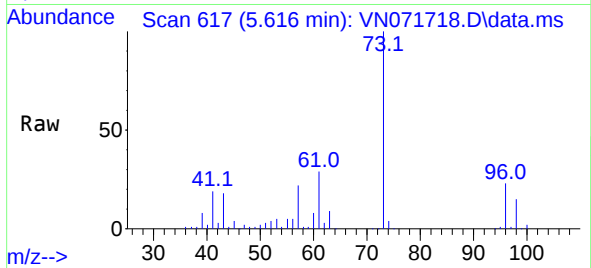
#19
Methyl tert-butyl Ether
Concen: 51.772 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 891998
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

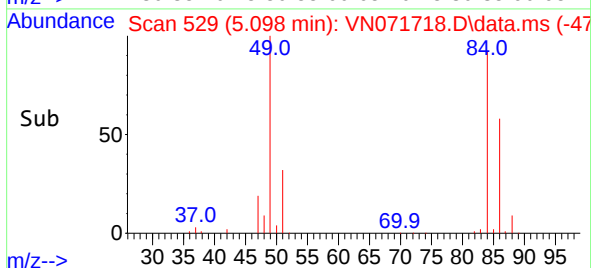
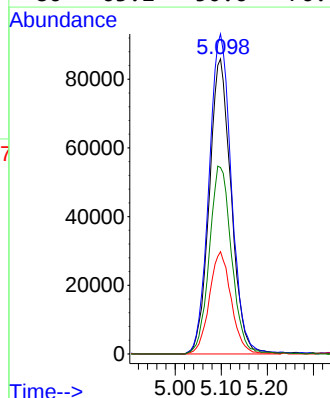
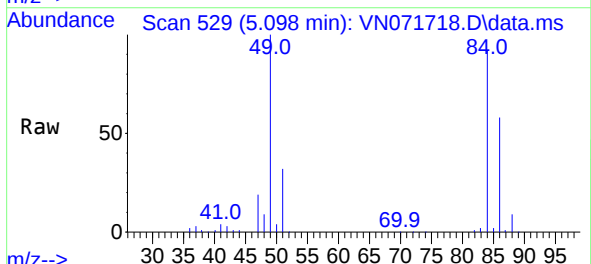
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#20
Methylene Chloride
Concen: 49.078 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

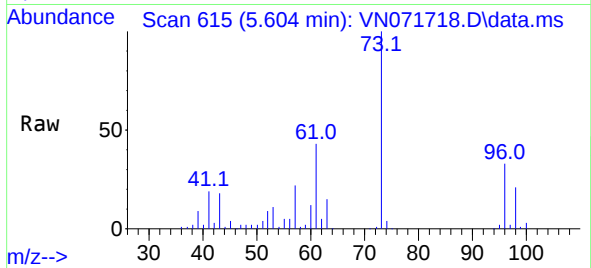
Tgt Ion: 84 Resp: 283568
Ion Ratio Lower Upper
84 100
49 108.5 88.3 132.5
51 34.7 28.2 42.2
86 63.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 47.940 ug/l
RT: 5.604 min Scan# 614
Delta R.T. 0.005 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

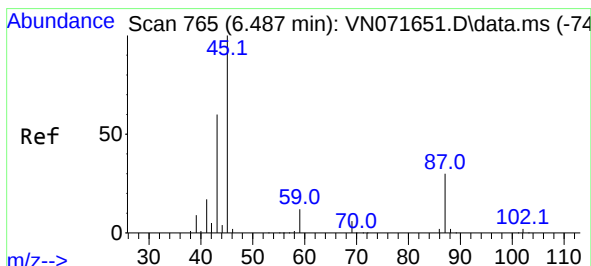
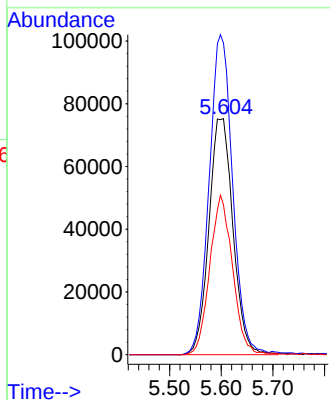
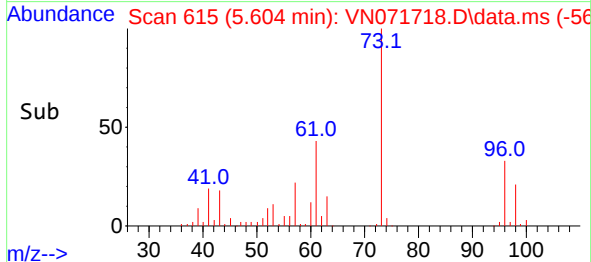
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



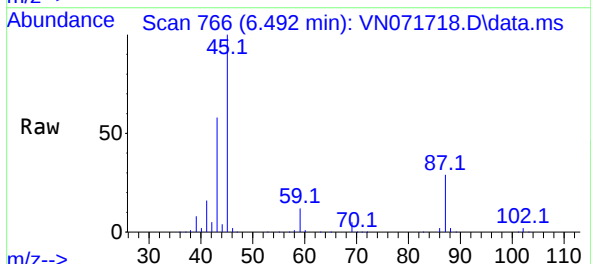
Tgt Ion: 96 Resp: 244068
Ion Ratio Lower Upper
96 100
61 132.0 105.8 158.8
98 63.5 50.3 75.5

Manual Integrations
APPROVED

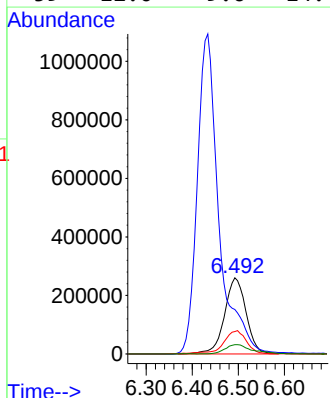
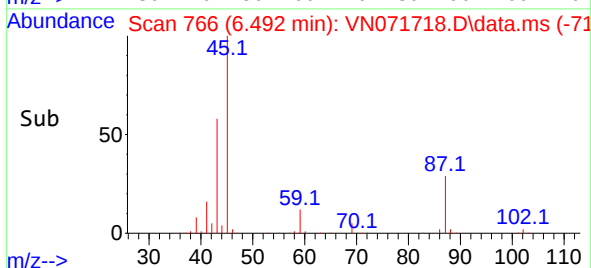
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

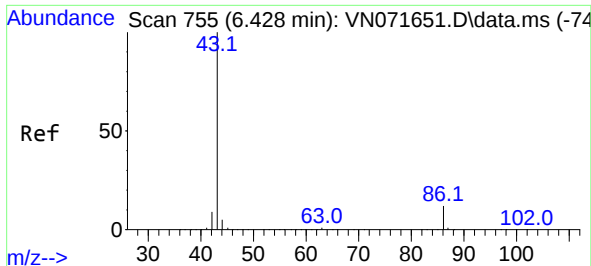


#22
Diisopropyl ether
Concen: 51.464 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



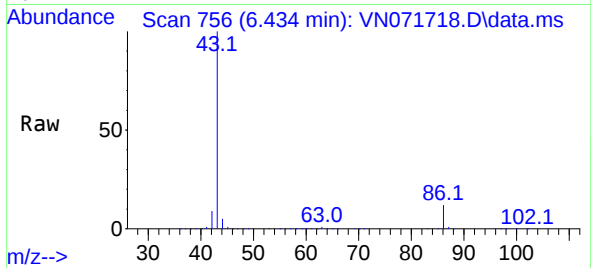
Tgt Ion: 45 Resp: 843351
Ion Ratio Lower Upper
45 100
43 57.3 46.6 70.0
87 29.2 24.3 36.5
59 12.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 275.088 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071718.D
 Acq: 31 Mar 2022 20:50

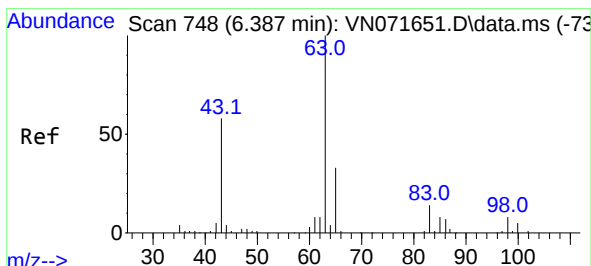
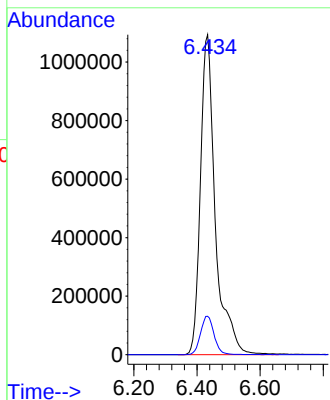
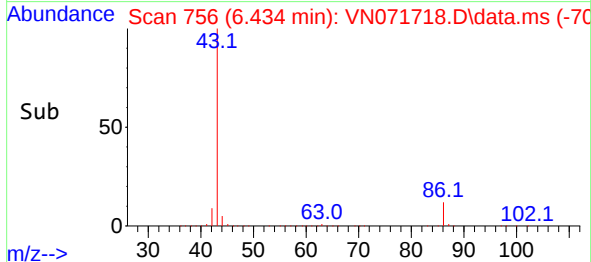
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



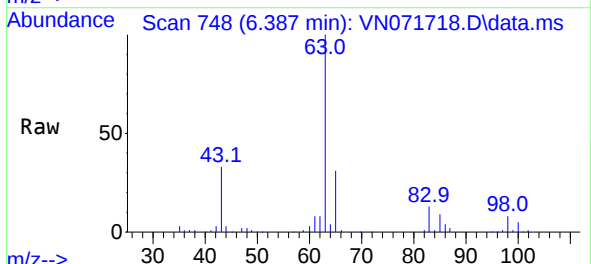
Tgt Ion: 43 Resp: 358476
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.0 15.0

Manual Integrations
 APPROVED

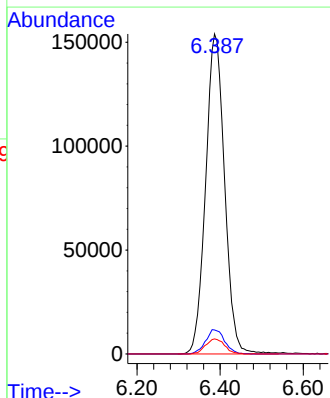
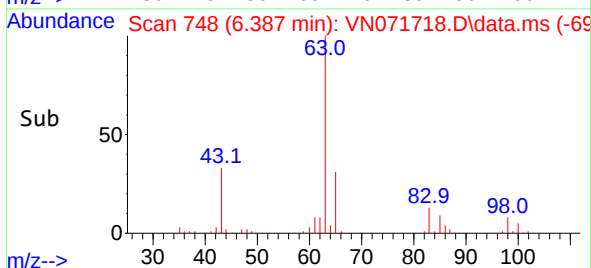
Reviewed By :John Carlone 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#24
 1,1-Dichloroethane
 Concen: 50.613 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071718.D
 Acq: 31 Mar 2022 20:50



Tgt Ion: 63 Resp: 486900
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 261.588 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071718.D

Acq: 31 Mar 2022 20:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1033769

Ion Ratio Lower Upper

43 100

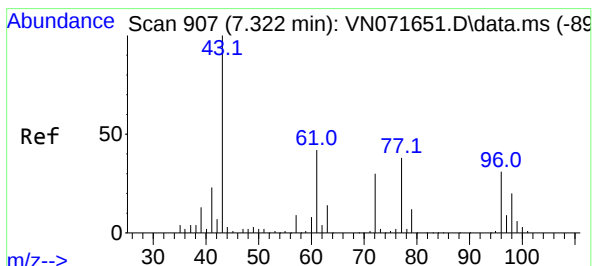
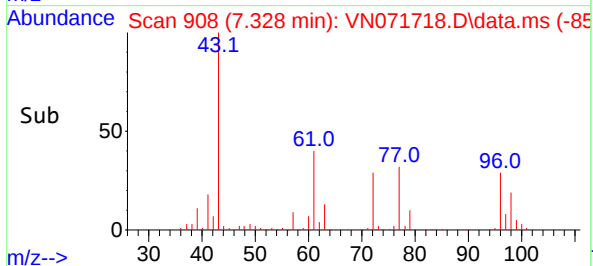
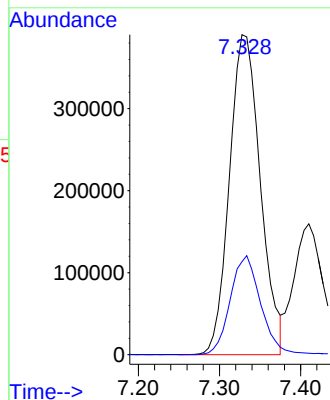
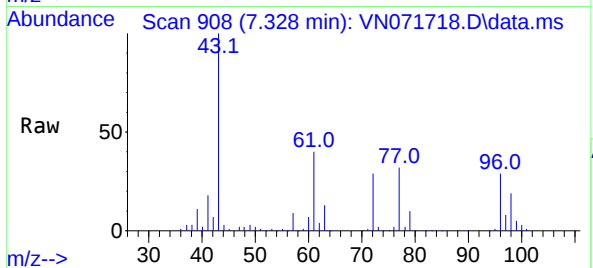
72 29.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#26

2,2-Dichloropropane

Concen: 45.378 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071718.D

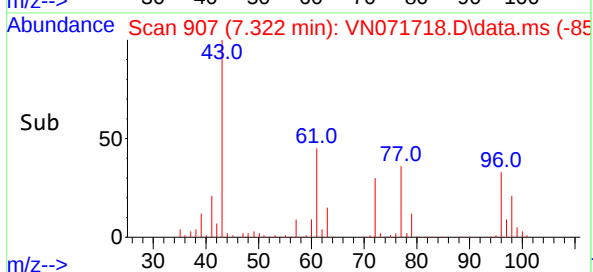
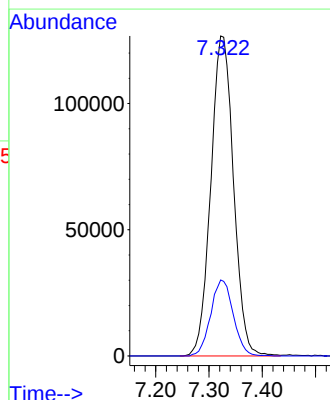
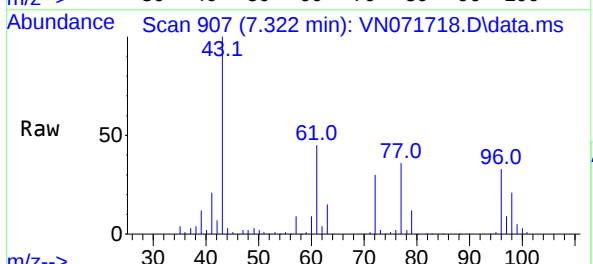
Acq: 31 Mar 2022 20:50

Tgt Ion: 77 Resp: 375012

Ion Ratio Lower Upper

77 100

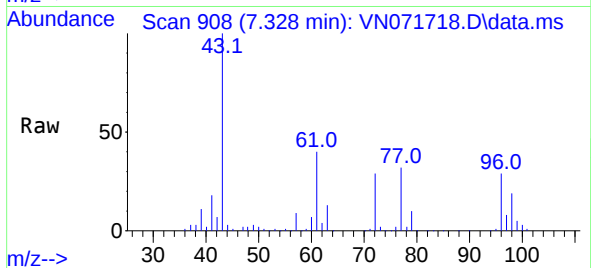
97 23.6 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 50.354 ug/l
RT: 7.328 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

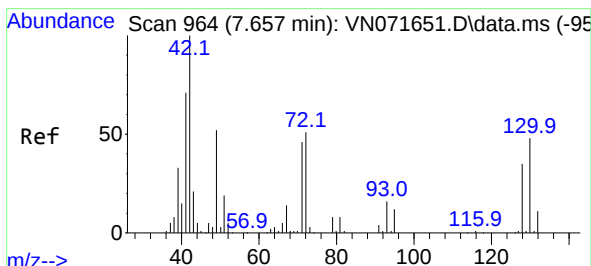
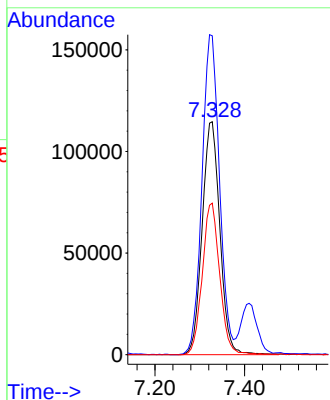
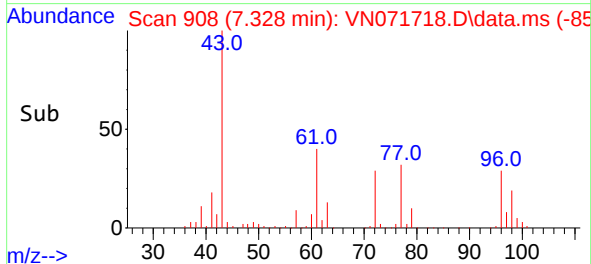
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 314360
Ion Ratio Lower Upper
96 100
61 135.6 0.0 280.6
98 64.1 0.0 128.4

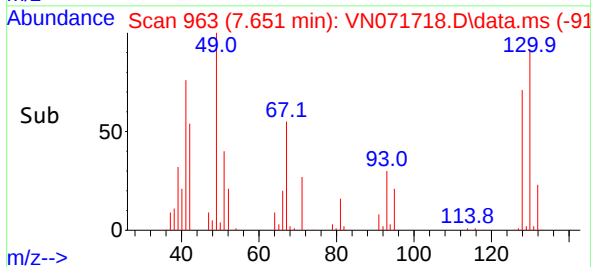
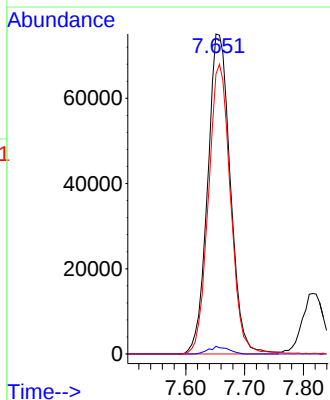
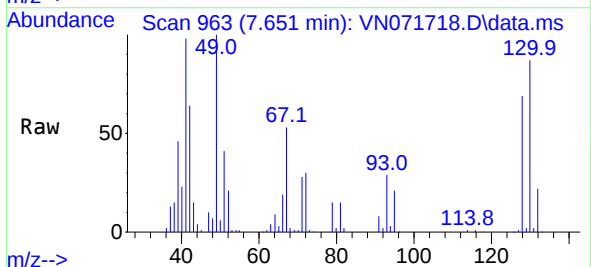
Manual Integrations
APPROVED

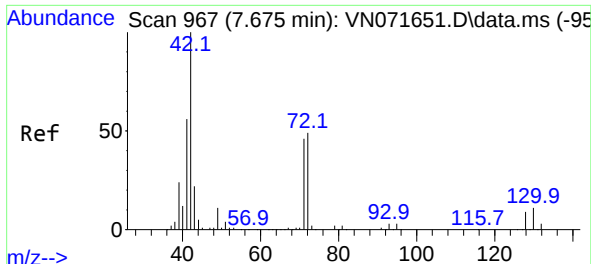
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#28
Bromochloromethane
Concen: 51.803 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Tgt Ion: 49 Resp: 201032
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 88.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 267.339 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071718.D

Acq: 31 Mar 2022 20:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

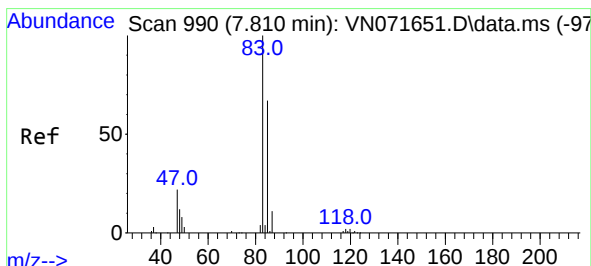
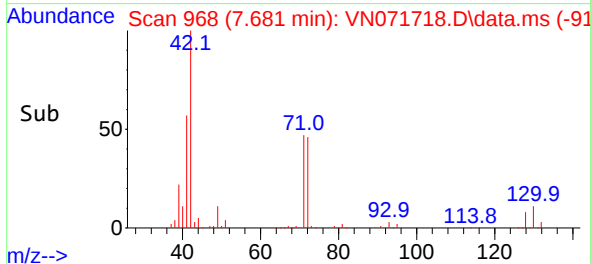
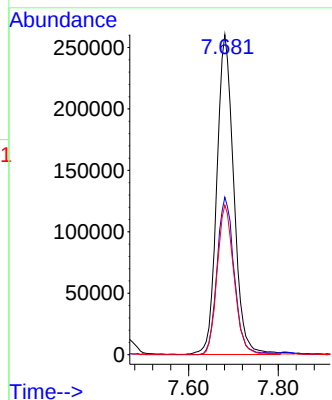
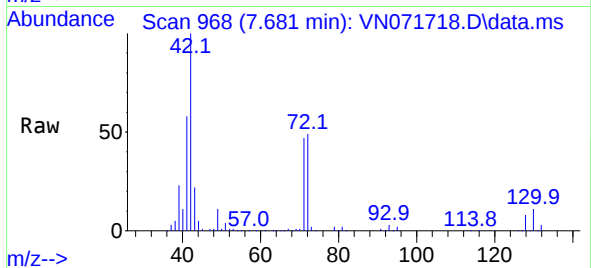
Tgt Ion: 42 Resp: 684094
 Ion Ratio Lower Upper
 42 100
 72 49.3 39.7 59.5
 71 46.7 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#30

Chloroform

Concen: 49.667 ug/l

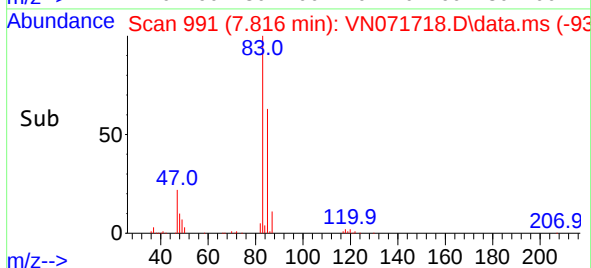
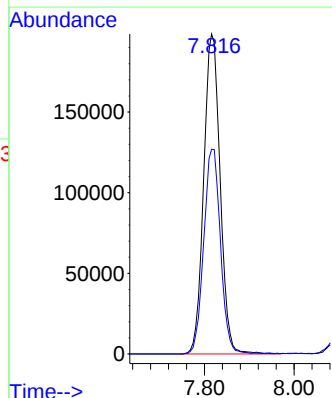
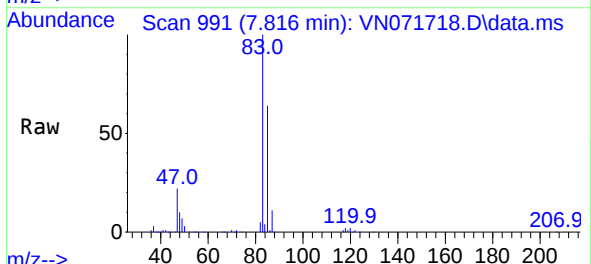
RT: 7.816 min Scan# 991

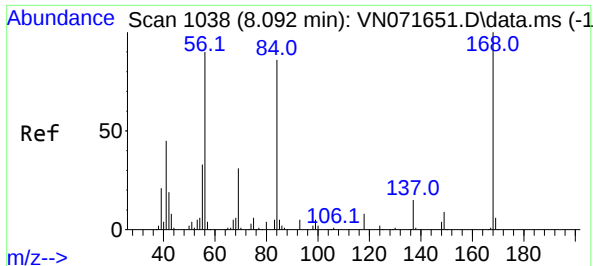
Delta R.T. 0.006 min

Lab File: VN071718.D

Acq: 31 Mar 2022 20:50

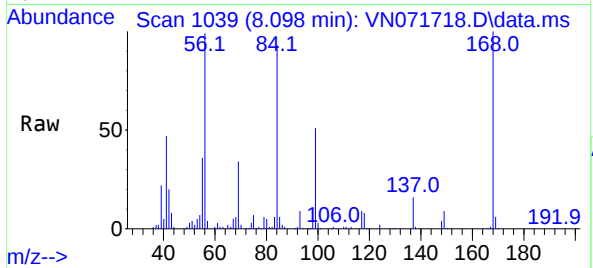
Tgt Ion: 83 Resp: 504517
 Ion Ratio Lower Upper
 83 100
 85 64.0 51.8 77.8





#31
Cyclohexane
Concen: 45.998 ug/l
RT: 8.098 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

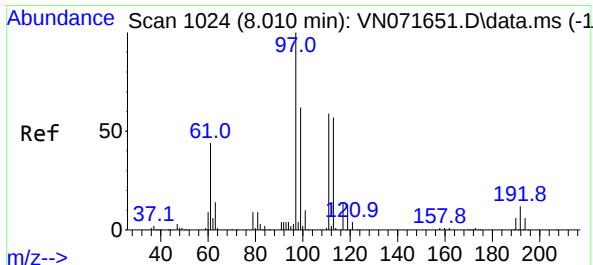
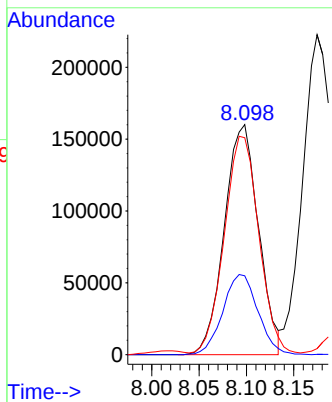
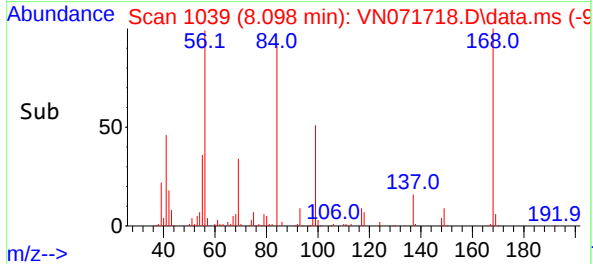
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



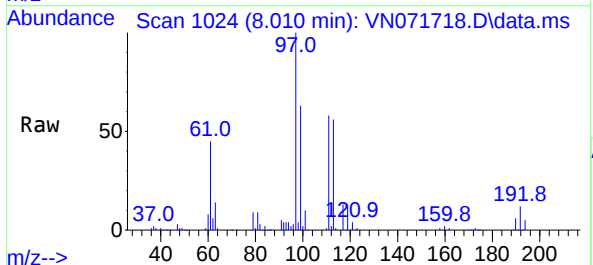
Tgt Ion: 56 Resp: 40125
Ion Ratio Lower Upper
56 100
69 34.3 27.8 41.8
84 92.8 76.9 115.3

Manual Integrations
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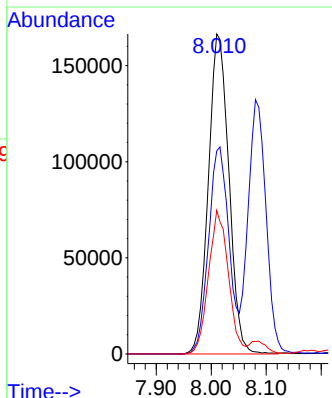
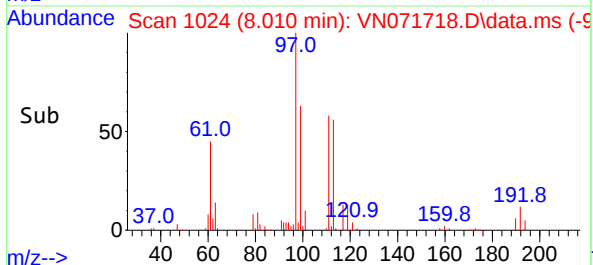
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

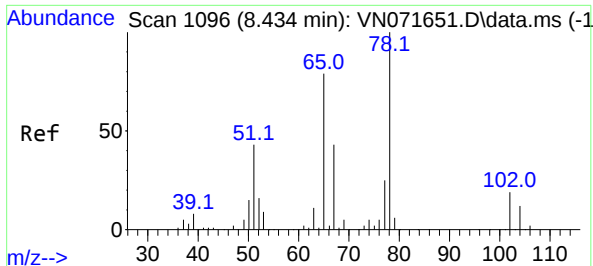


#32
1,1,1-Trichloroethane
Concen: 49.701 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion: 97 Resp: 431899
Ion Ratio Lower Upper
97 100
99 64.7 50.6 76.0
61 43.5 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 51.914 ug/l
RT: 8.439 min Scan# 1096
Delta R.T. 0.005 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :

MSVOA_N

ClientSampleId :

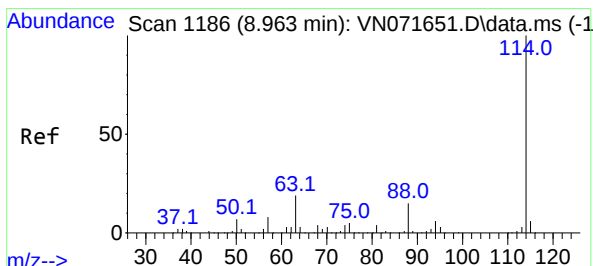
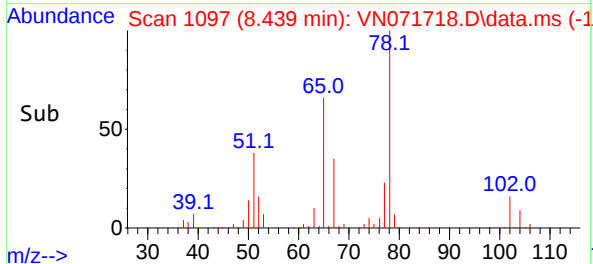
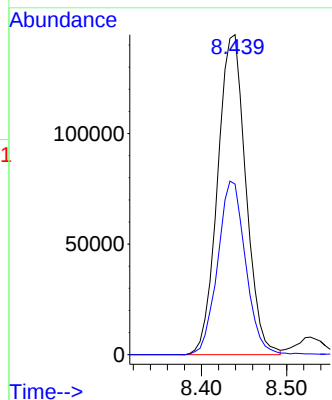
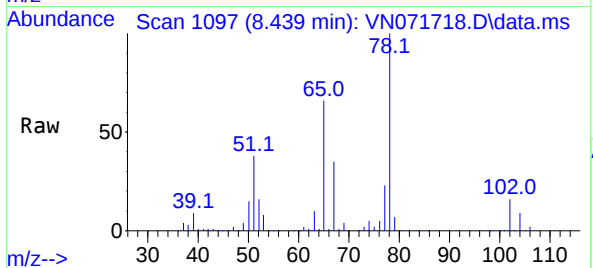
VSTDC050EC

Tgt Ion: 65 Resp: 332995
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8

Manual Integrations

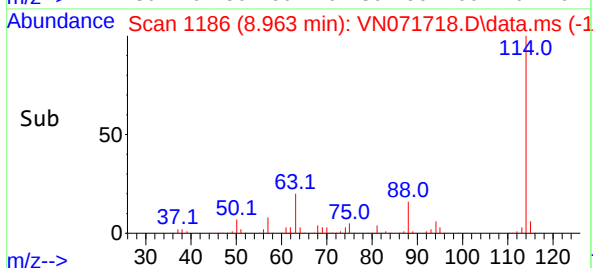
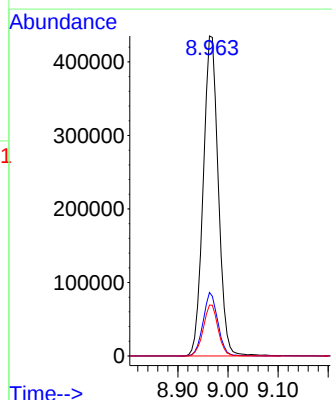
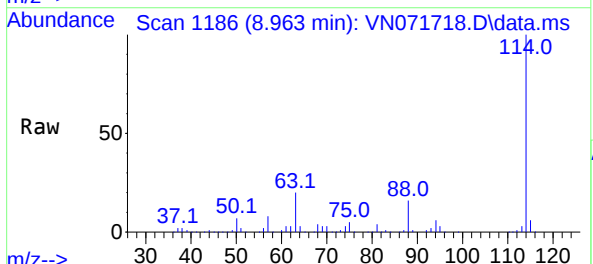
APPROVED

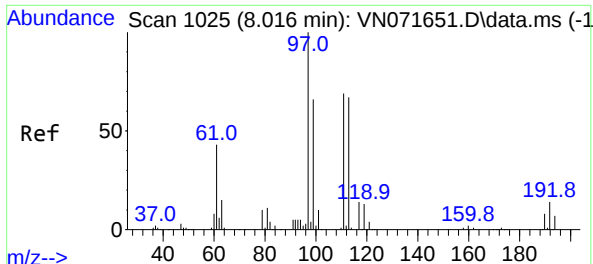
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

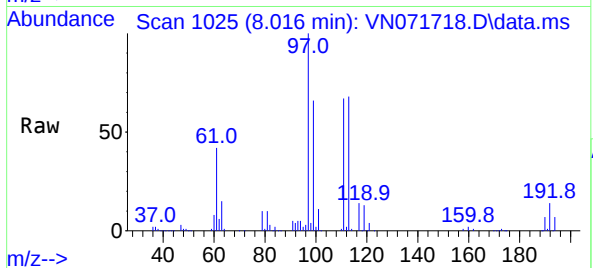
Tgt Ion:114 Resp: 909970
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.659 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

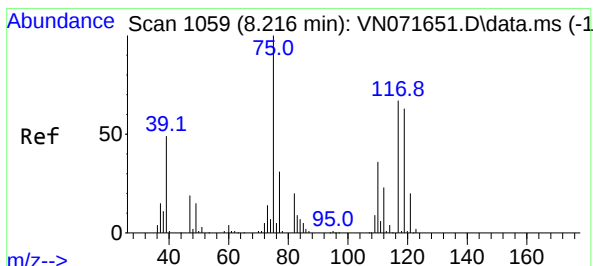
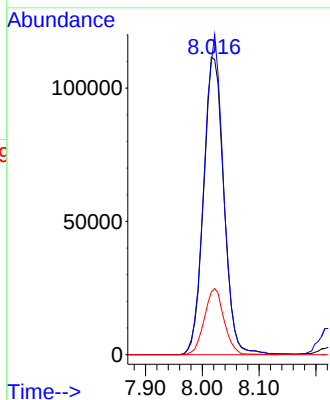
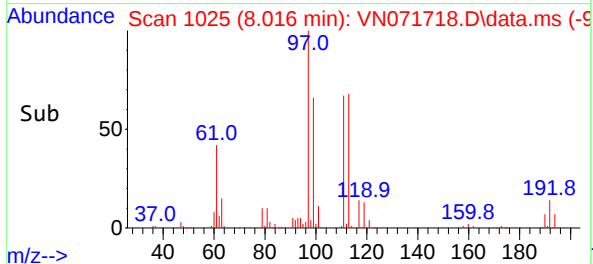
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



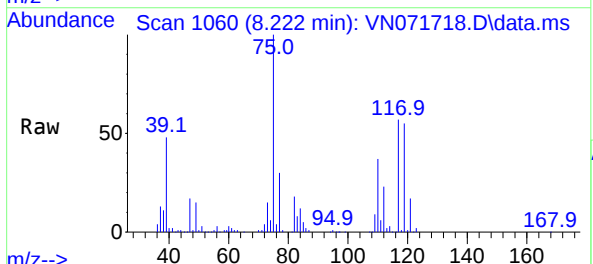
Tgt Ion:113 Resp: 276618
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 21.6 17.0 25.6

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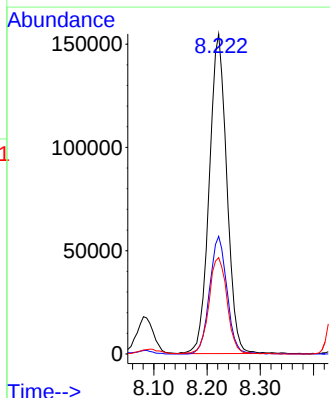
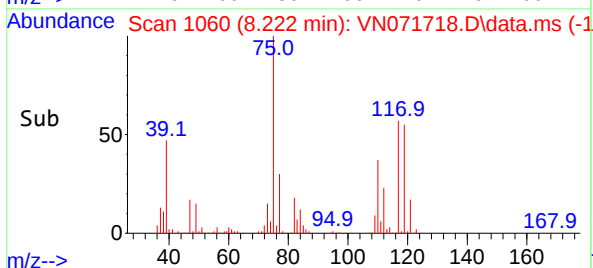
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

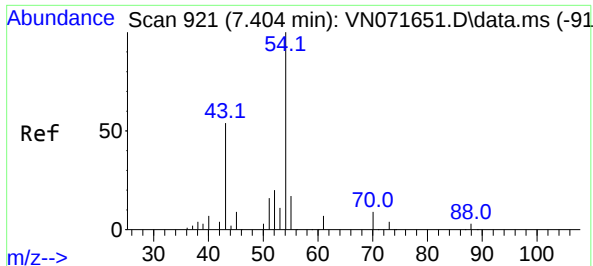


#36
1,1-Dichloropropene
Concen: 47.369 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



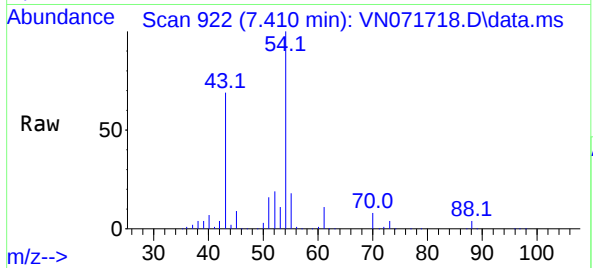
Tgt Ion: 75 Resp: 354203
Ion Ratio Lower Upper
75 100
110 36.4 18.3 54.8
77 31.0 25.1 37.7





#37
Ethyl Acetate
Concen: 50.721 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

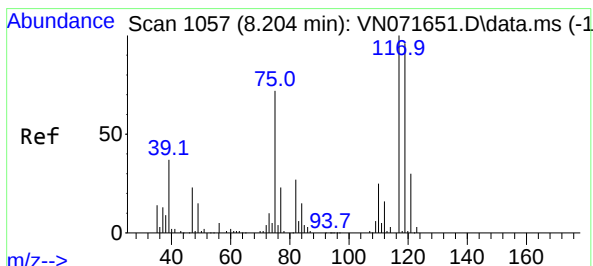
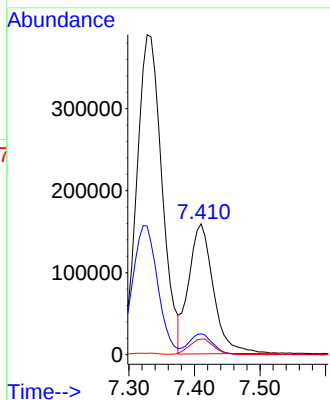
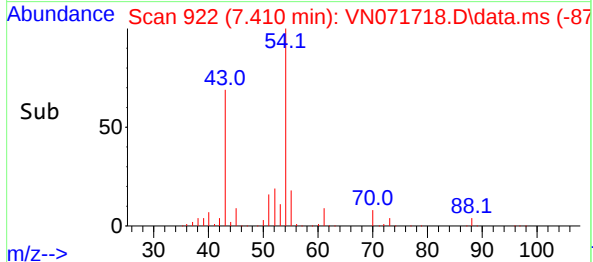
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 41512
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 11.7 9.3 13.9

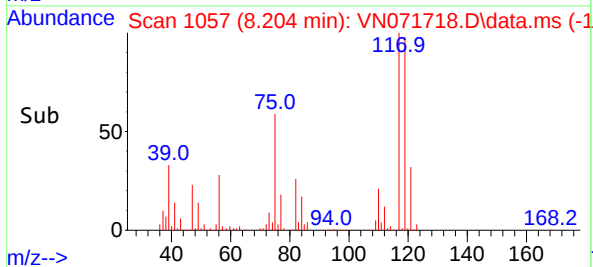
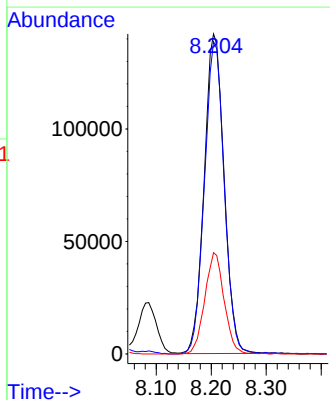
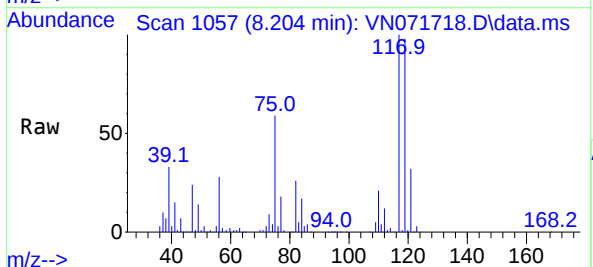
Manual Integrations
APPROVED

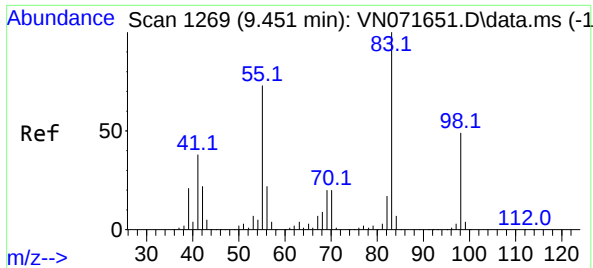
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
Carbon Tetrachloride
Concen: 48.758 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Tgt Ion:117 Resp: 357316
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.8
121 31.7 24.6 37.0





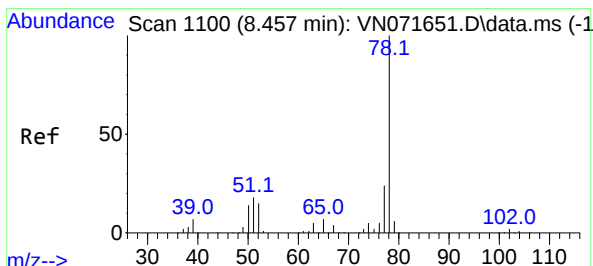
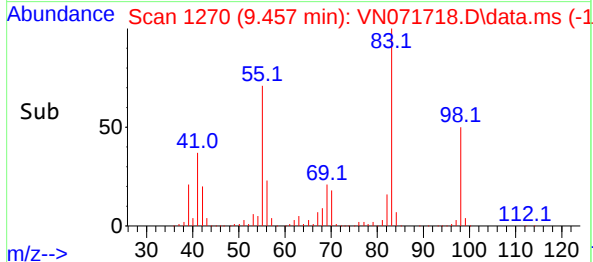
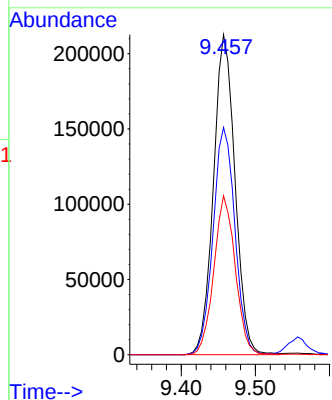
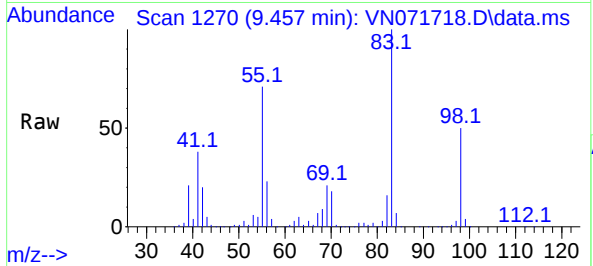
#39
Methylcyclohexane
Concen: 48.296 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 429890
Ion Ratio Lower Upper
83 100
55 71.0 57.8 86.8
98 49.6 39.4 59.2

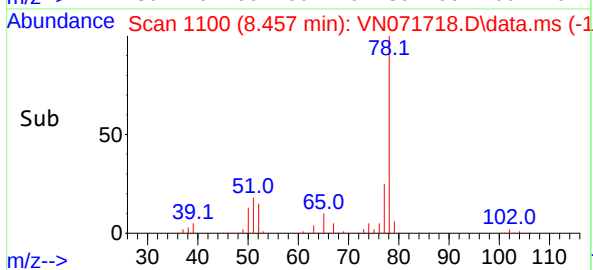
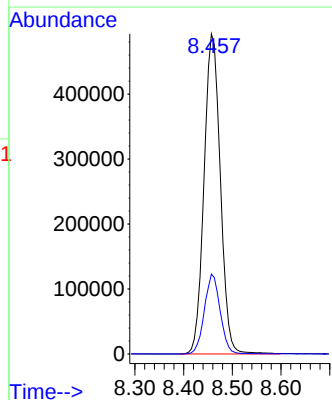
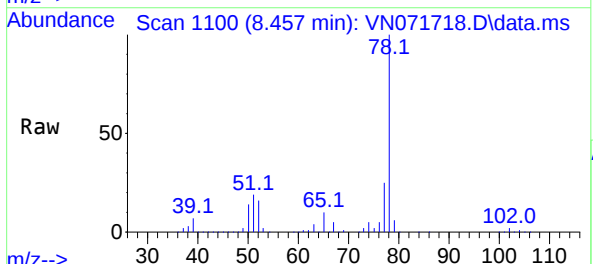
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#40
Benzene
Concen: 48.389 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

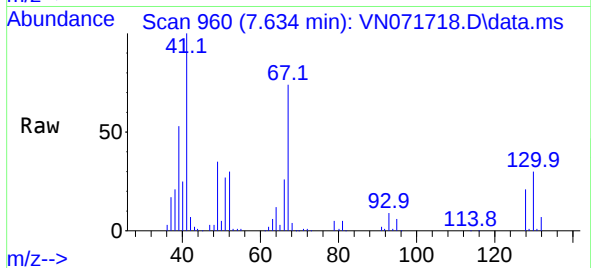
Tgt Ion: 78 Resp: 1143019
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0





#41
Methacrylonitrile
Concen: 53.735 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

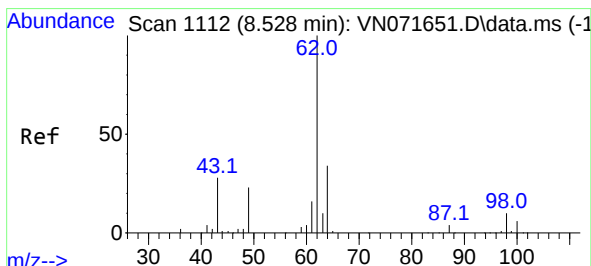
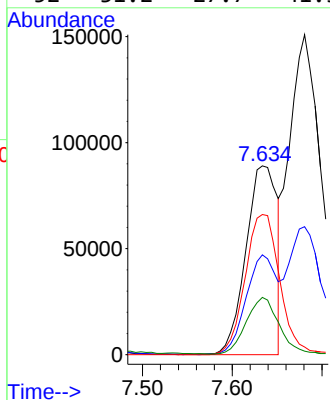
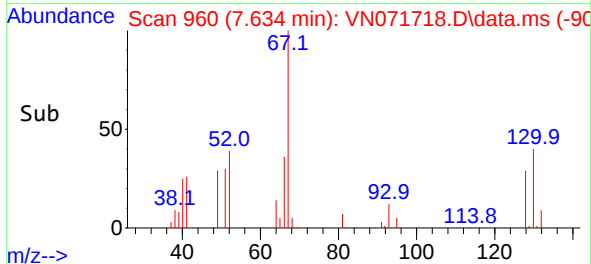
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC



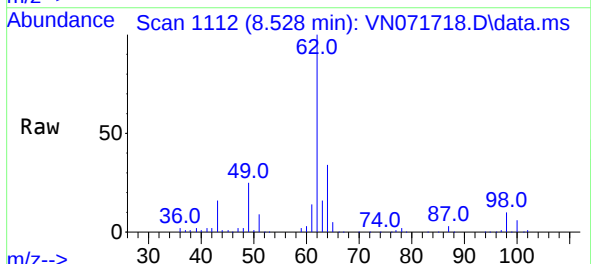
Tgt Ion: 41 Resp: 21534
Ion Ratio Lower Upper
41 100
39 51.0 48.6 73.0
67 82.7 73.4 110.2
52 31.2 27.7 41.5

Manual Integrations
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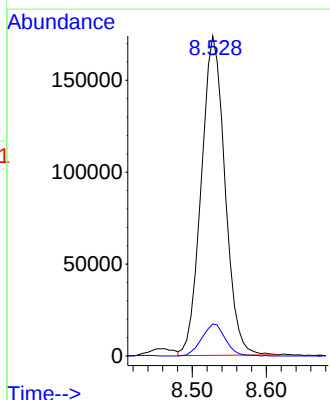
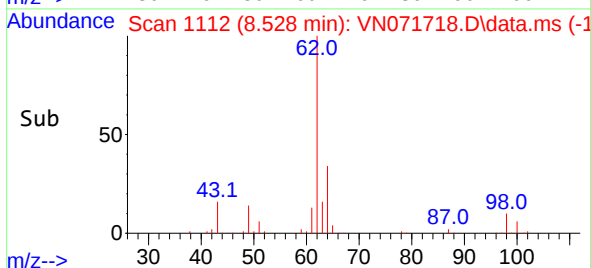
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#42
1,2-Dichloroethane
Concen: 47.198 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion: 62 Resp: 385662
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 47.317 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN071718.D

Acq: 31 Mar 2022 20:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 64414

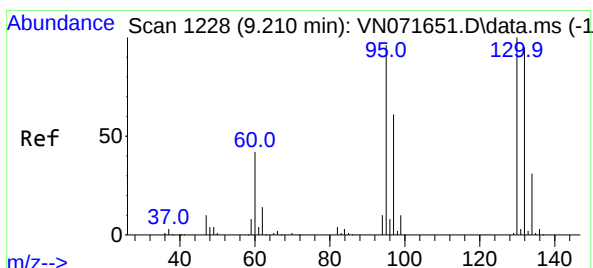
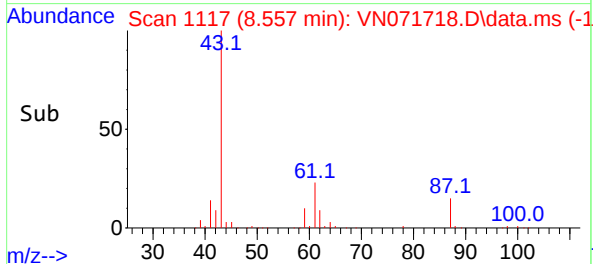
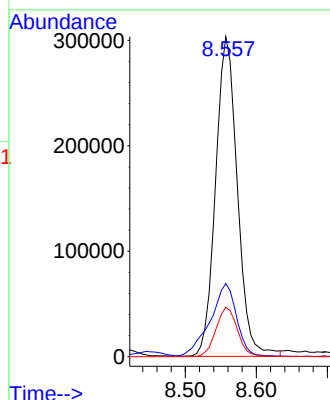
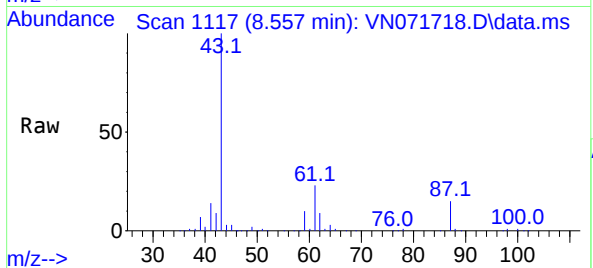
Ion	Ratio	Lower	Upper
43	100		
61	27.9	21.9	32.9
87	15.3	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#44

Trichloroethene

Concen: 48.121 ug/l

RT: 9.216 min Scan# 1229

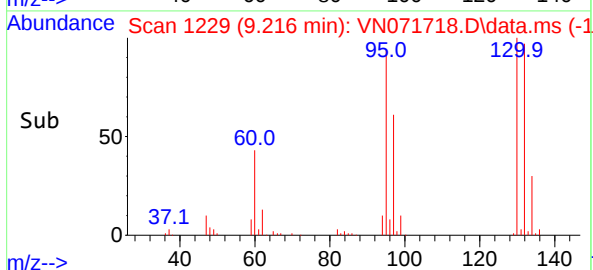
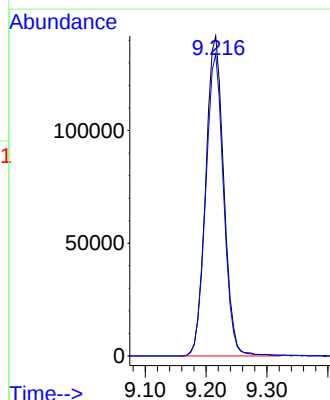
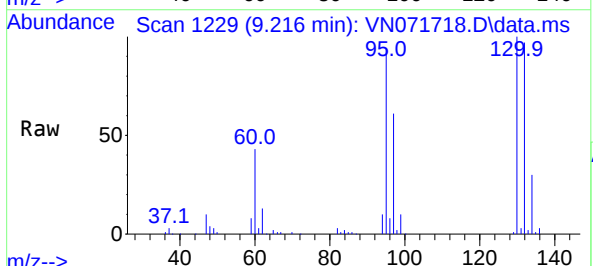
Delta R.T. 0.006 min

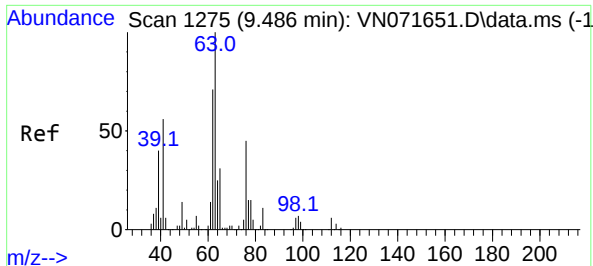
Lab File: VN071718.D

Acq: 31 Mar 2022 20:50

Tgt Ion:130 Resp: 292840

Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	186.8





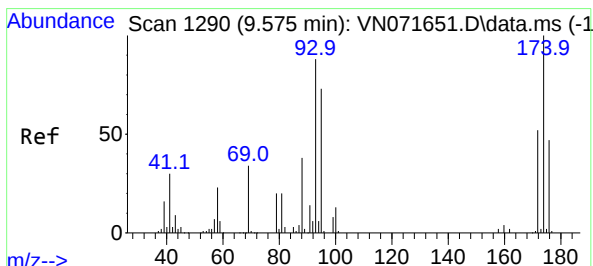
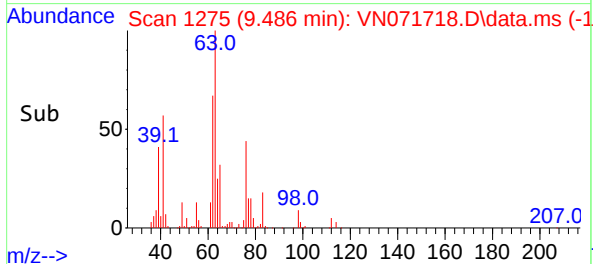
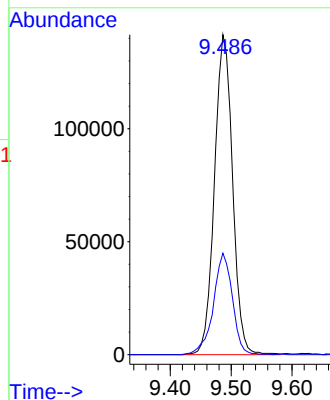
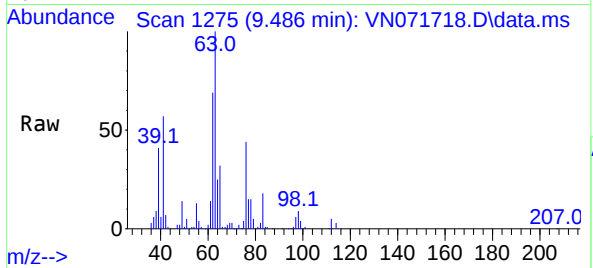
#45
1,2-Dichloropropane
Concen: 49.543 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 292358
Ion Ratio Lower Upper
63 100
65 31.7 24.9 37.3

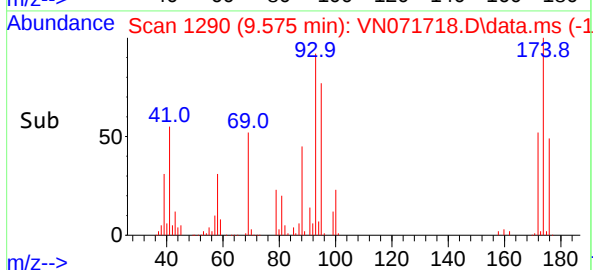
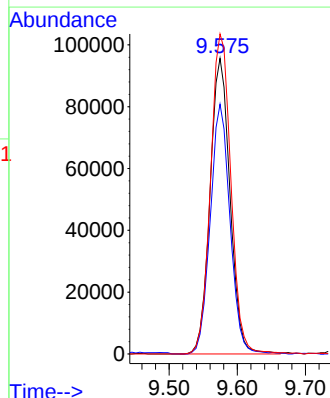
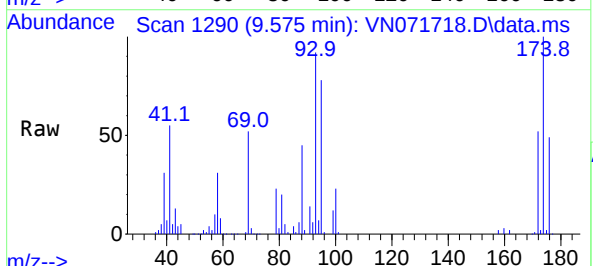
Manual Integrations
APPROVED

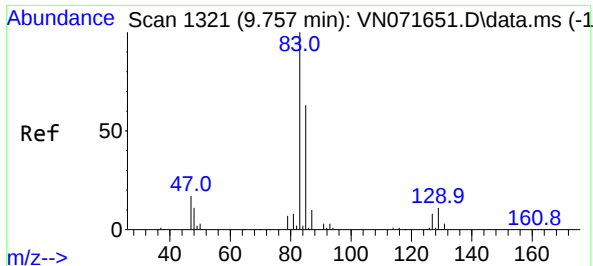
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#46
Dibromomethane
Concen: 48.673 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

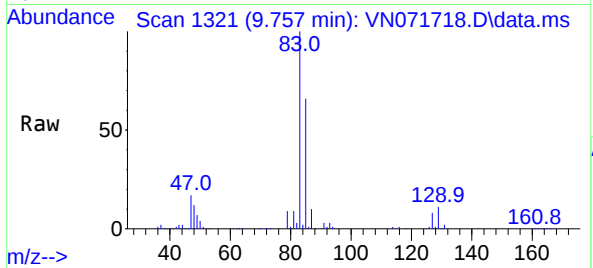
Tgt Ion: 93 Resp: 195011
Ion Ratio Lower Upper
93 100
95 83.6 66.9 100.3
174 110.6 86.6 130.0





#47
Bromodichloromethane
Concen: 50.722 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

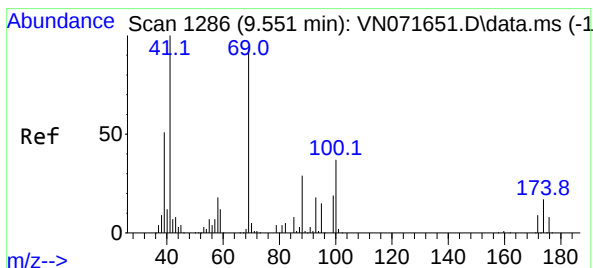
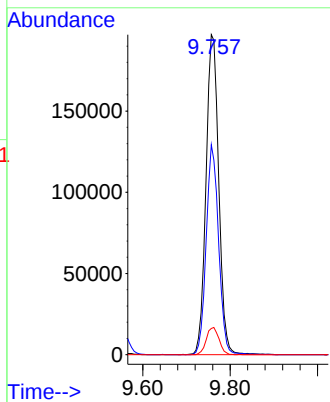
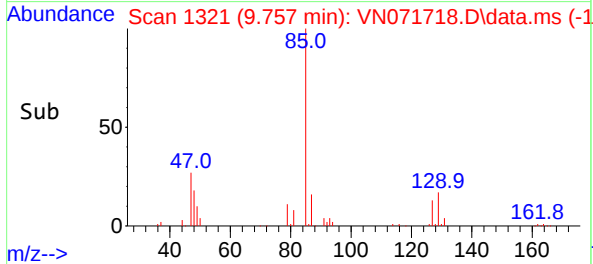
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



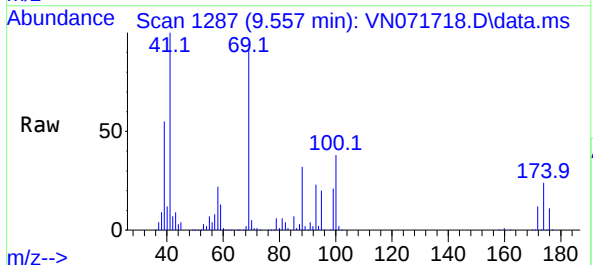
Tgt Ion: 83 Resp: 400039
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations
APPROVED

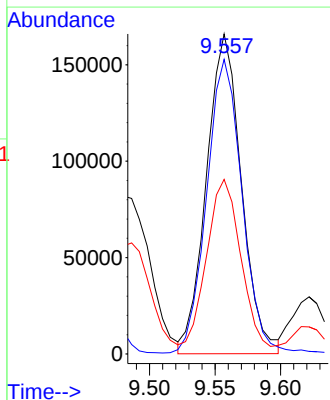
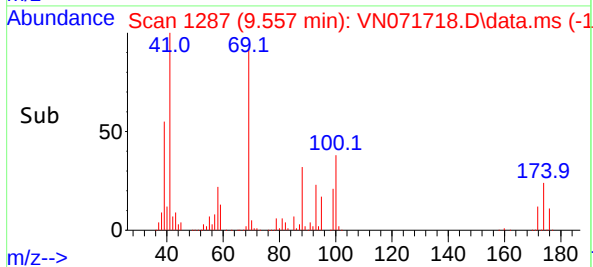
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

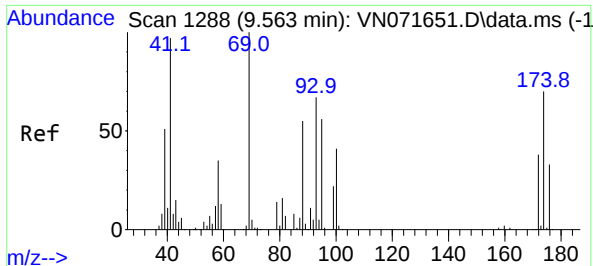


#48
Methyl methacrylate
Concen: 54.462 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



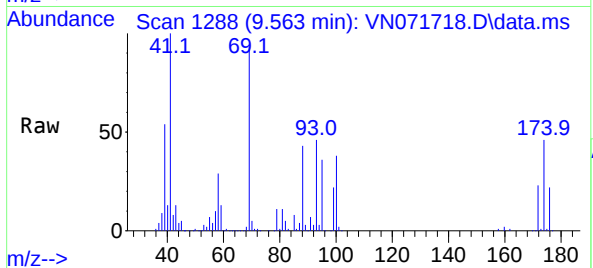
Tgt Ion: 41 Resp: 307595
Ion Ratio Lower Upper
41 100
69 94.7 74.7 112.1
39 54.5 45.6 68.4





#49
1,4-Dioxane
Concen: 996.090 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

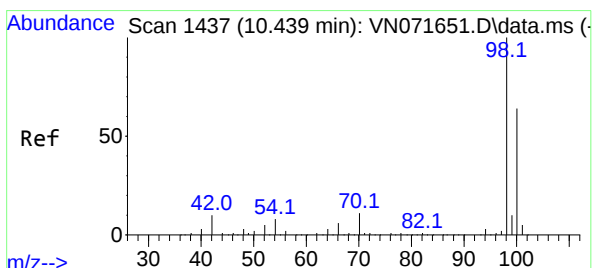
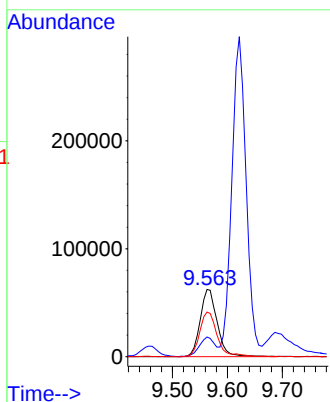
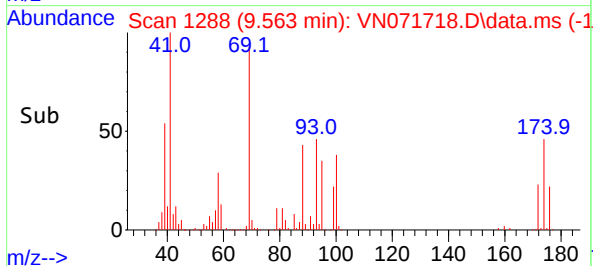
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



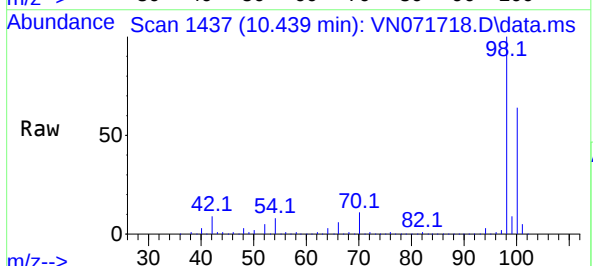
Tgt Ion: 88 Resp: 13347
Ion Ratio Lower Upper
88 100
43 26.0 20.2 30.4
58 68.2 54.2 81.4

Manual Integrations
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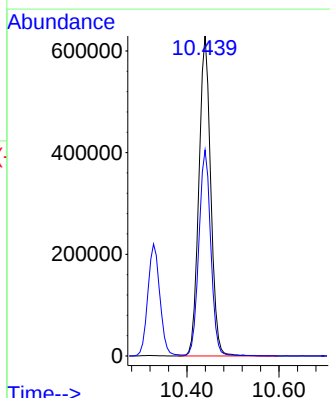
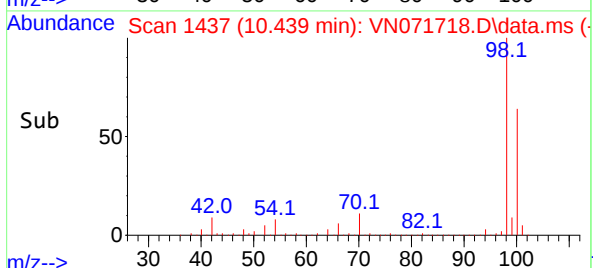
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

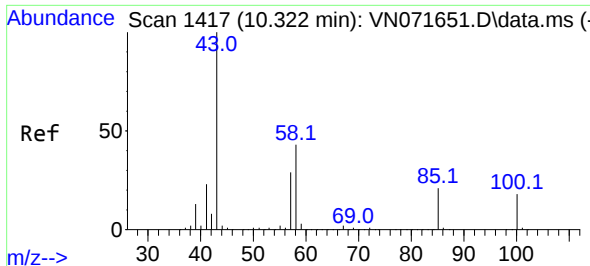


#50
Toluene-d8
Concen: 51.420 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion: 98 Resp: 1126329
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





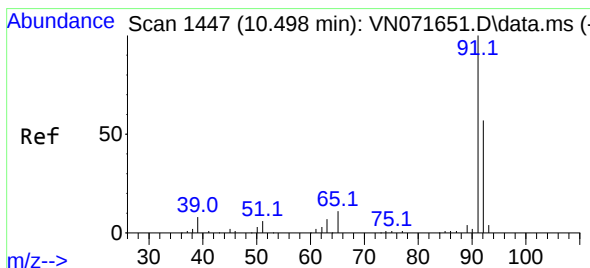
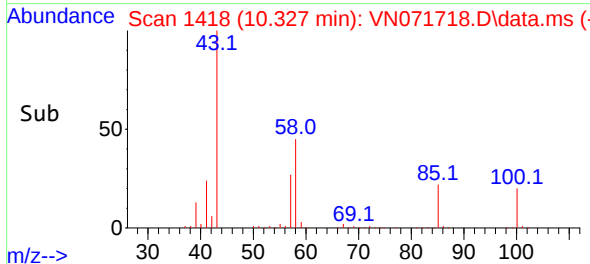
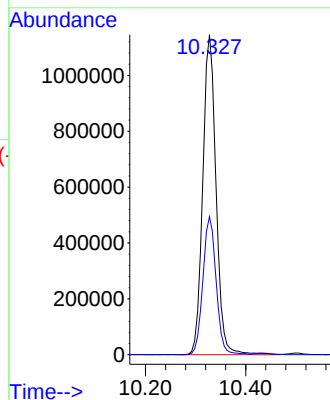
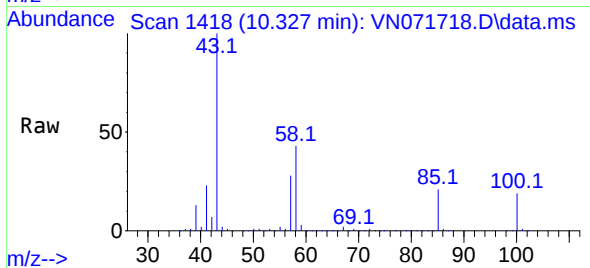
#51
4-Methyl-2-Pentanone
Concen: 268.984 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2105290
Ion Ratio Lower Upper
43 100
58 43.0 34.1 51.1

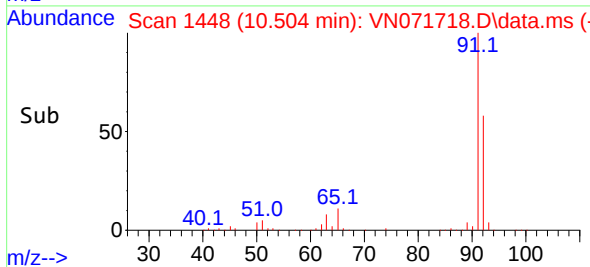
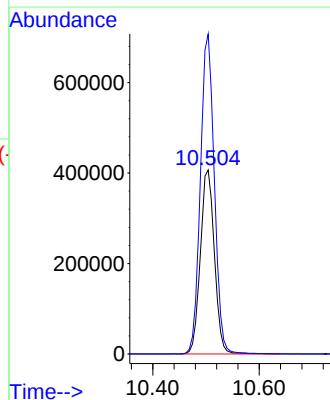
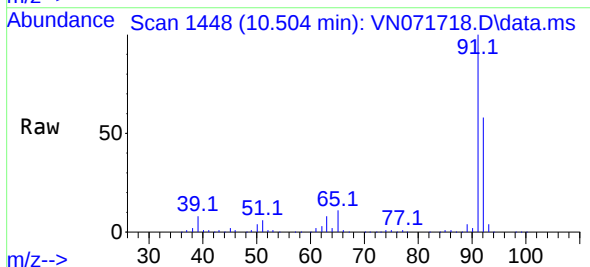
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#52
Toluene
Concen: 49.766 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

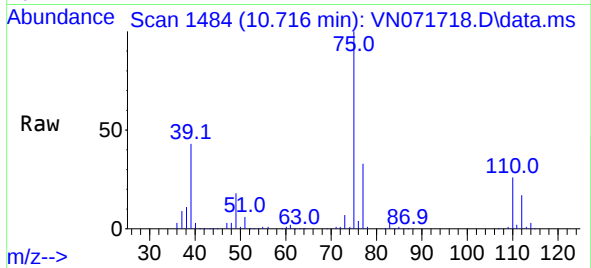
Tgt Ion: 92 Resp: 743091
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 51.196 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

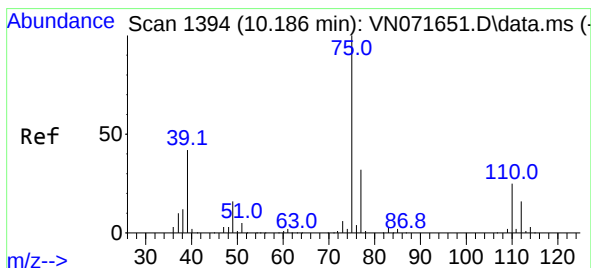
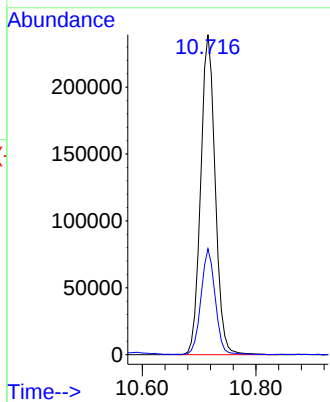
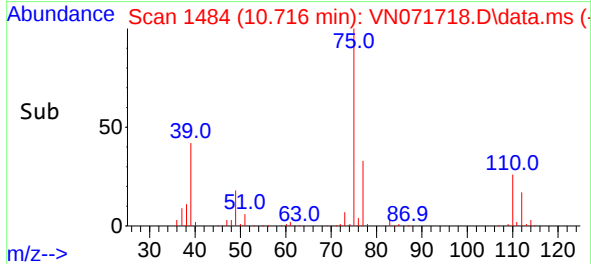
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 423184
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4

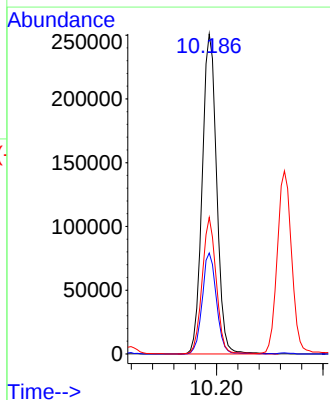
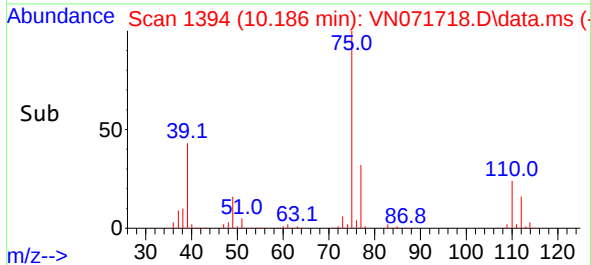
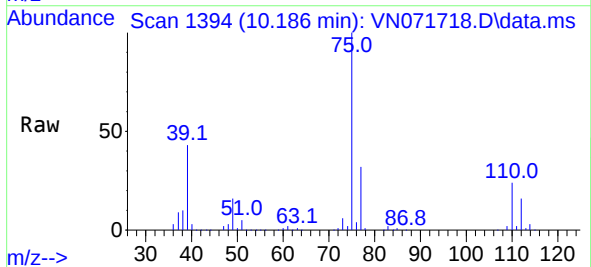
Manual Integrations
APPROVED

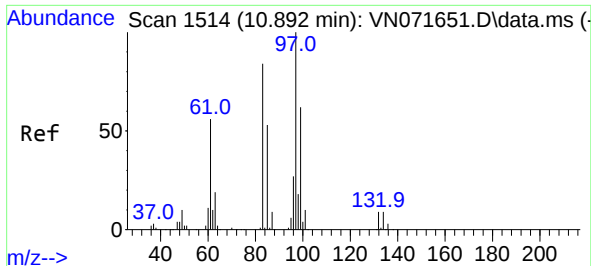
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#54
cis-1,3-Dichloropropene
Concen: 51.669 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

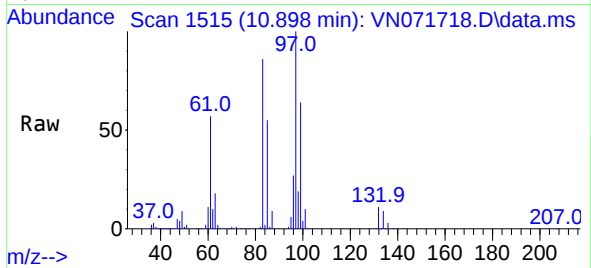
Tgt Ion: 75 Resp: 471901
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 42.7 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 49.430 ug/l
RT: 10.898 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

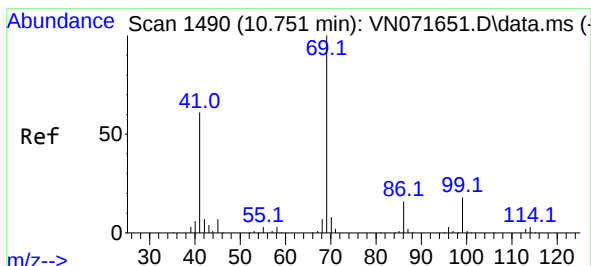
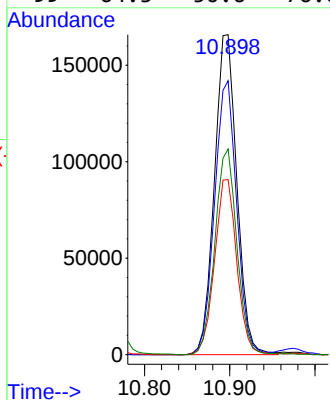
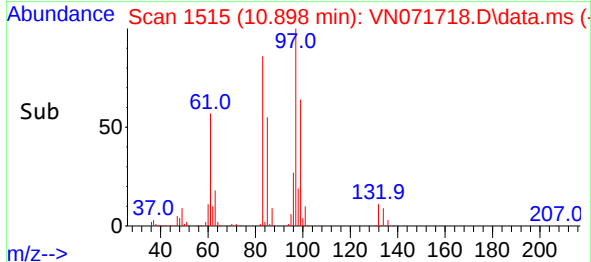


Tgt Ion: 97 Resp: 303759

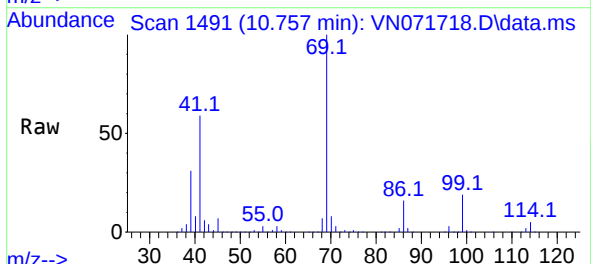
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.2	99.4
85	54.7	43.9	65.9
99	64.3	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

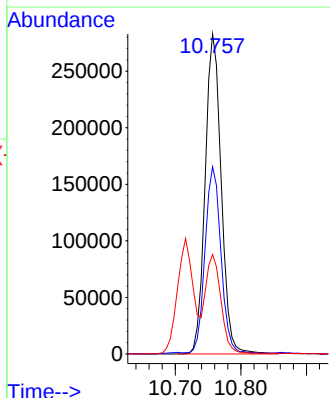
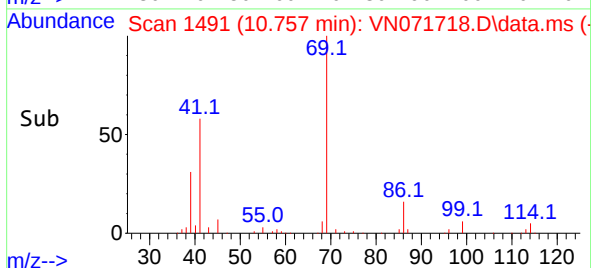


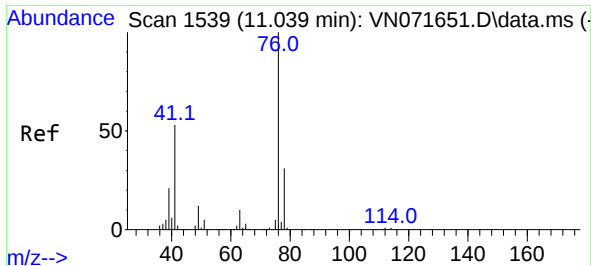
#56
Ethyl methacrylate
Concen: 55.072 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion: 69 Resp: 482797

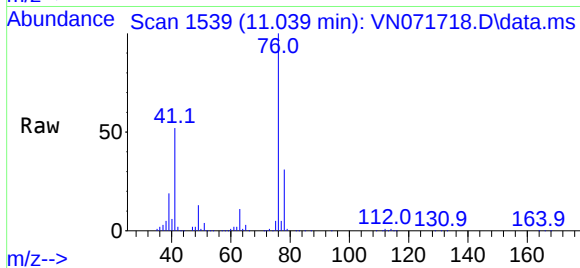
Ion	Ratio	Lower	Upper
69	100		
41	57.3	47.8	71.6
39	29.3	27.3	40.9





#57
1,3-Dichloropropane
Concen: 49.608 ug/l
RT: 11.039 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

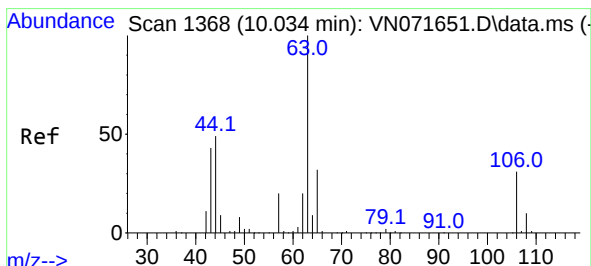
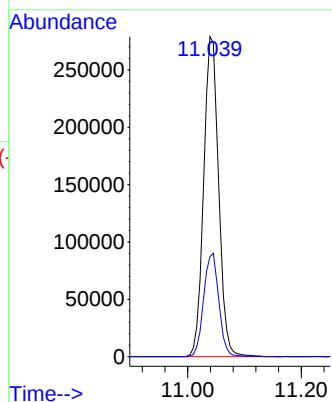
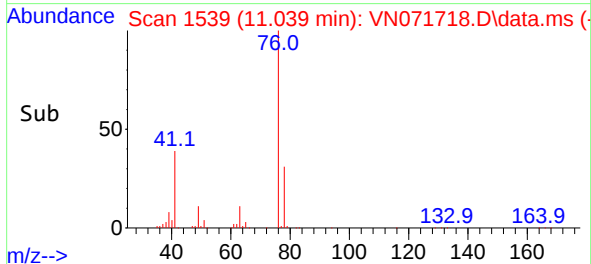
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



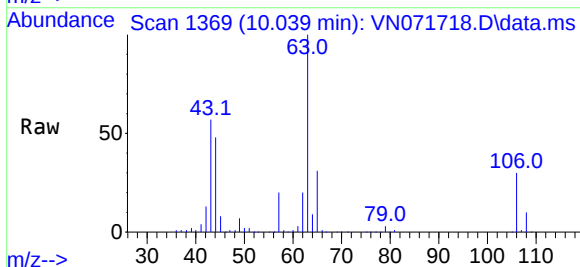
Tgt Ion: 76 Resp: 50971
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

Manual Integrations
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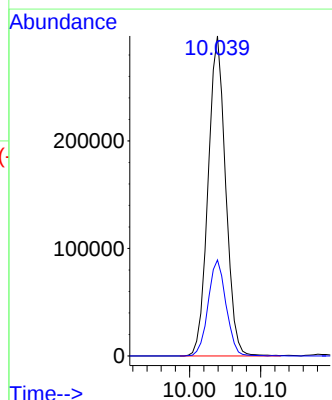
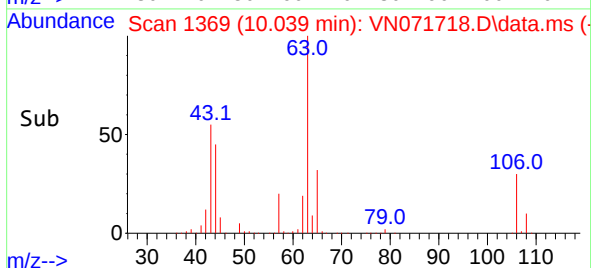
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

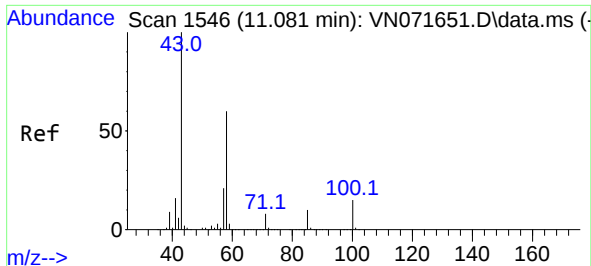


#58
2-Chloroethyl Vinyl ether
Concen: 193.192 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.005 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion: 63 Resp: 510250
Ion Ratio Lower Upper
63 100
106 30.5 24.6 36.8





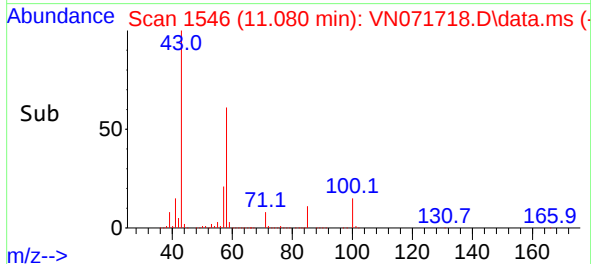
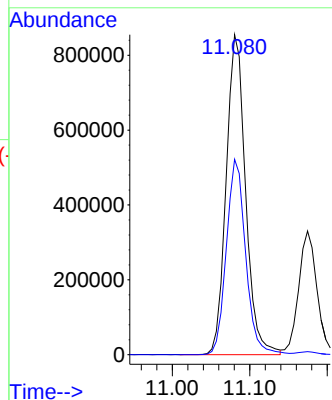
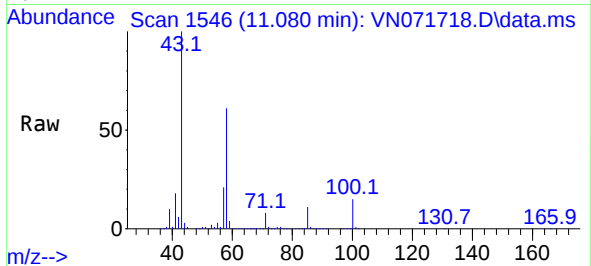
#59
2-Hexanone
Concen: 270.163 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 148873
Ion Ratio Lower Upper
43 100
58 60.8 29.7 89.1

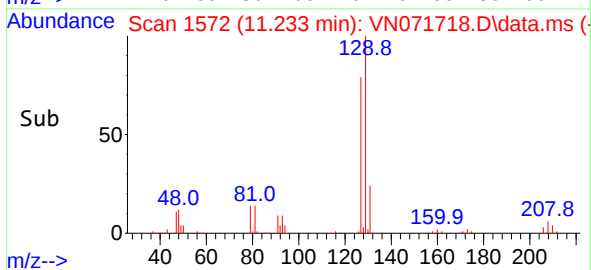
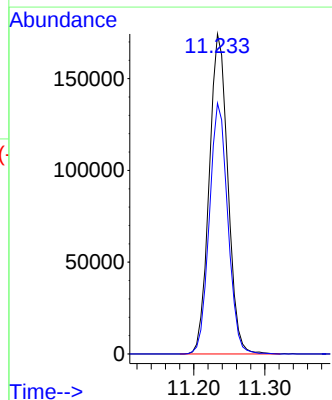
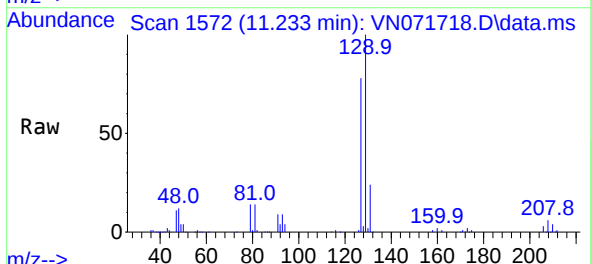
Manual Integrations
APPROVED

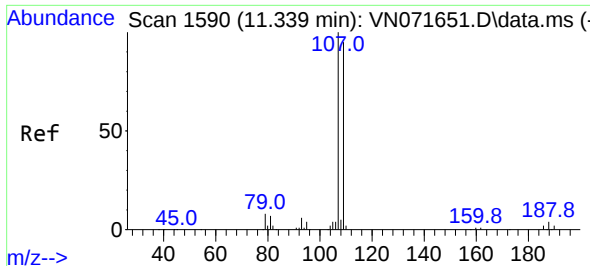
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#60
Dibromochloromethane
Concen: 53.115 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

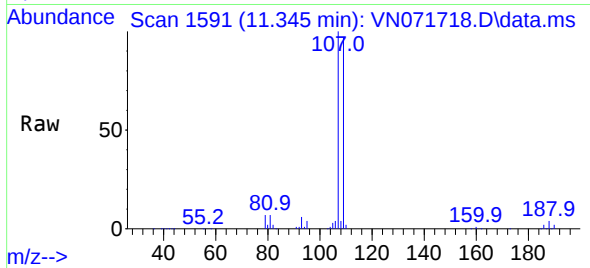
Tgt Ion:129 Resp: 318265
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.679 ug/l
RT: 11.345 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

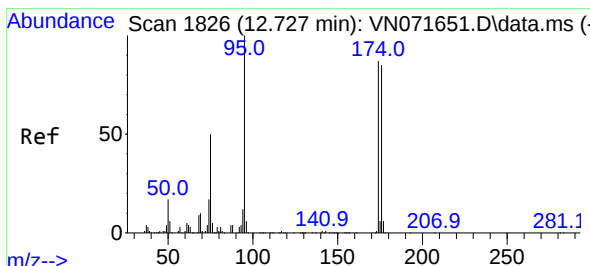
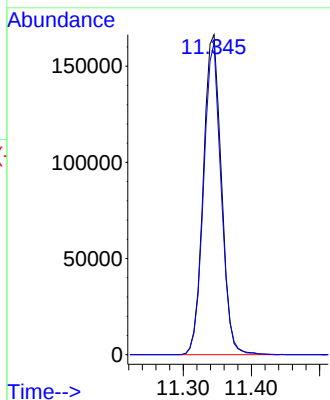
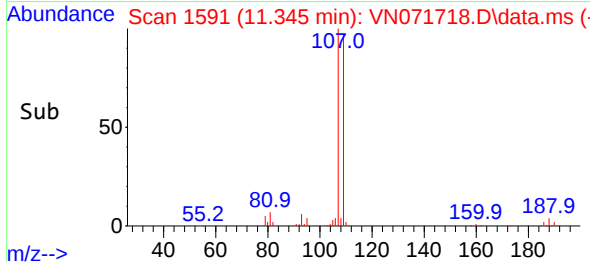
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



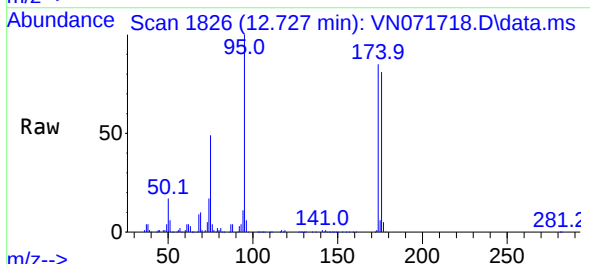
Tgt Ion:107 Resp: 30656
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

Manual Integrations
APPROVED

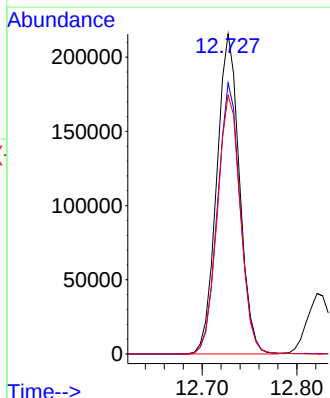
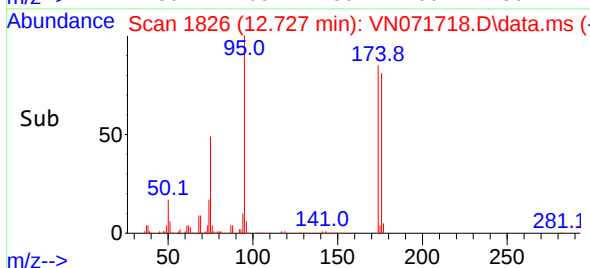
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

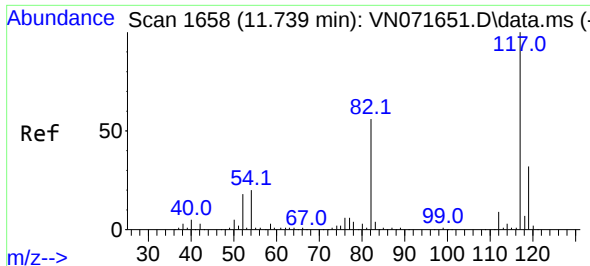


#62
4-Bromofluorobenzene
Concen: 50.914 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion: 95 Resp: 360687
Ion Ratio Lower Upper
95 100
174 84.4 0.0 167.6
176 81.9 0.0 163.4





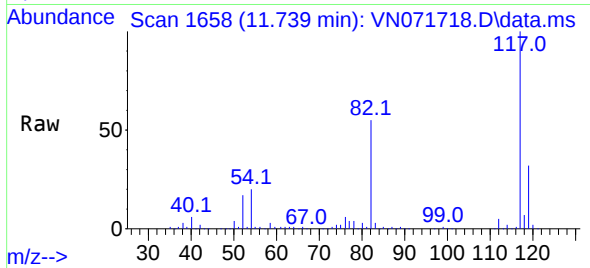
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



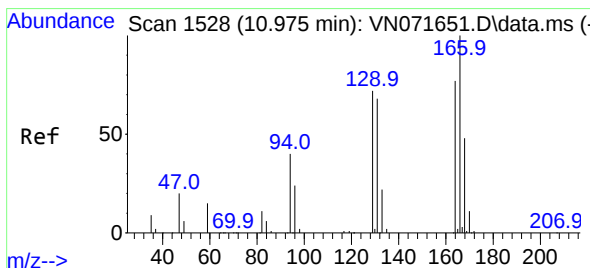
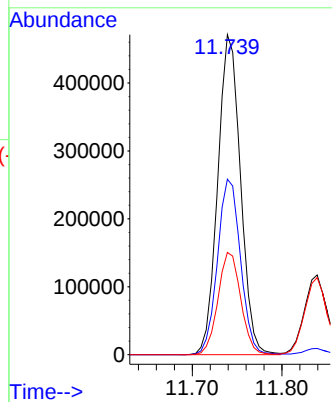
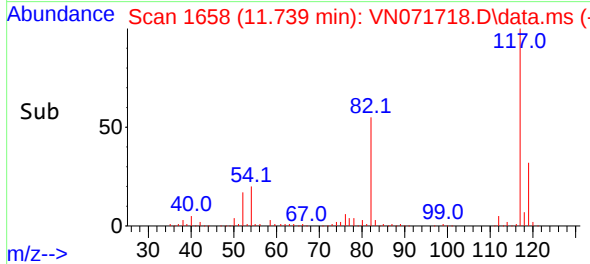
Tgt Ion:117 Resp: 83009
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.9 25.4 38.0

Manual Integrations

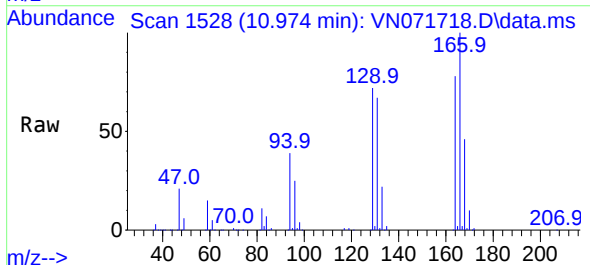
APPROVED

Reviewed By :John Carlone 04/01/2022

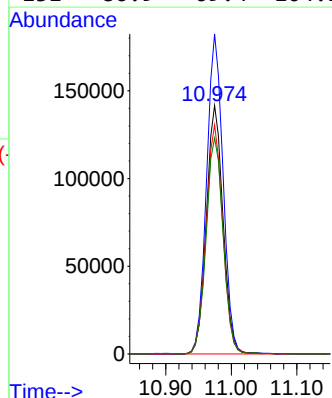
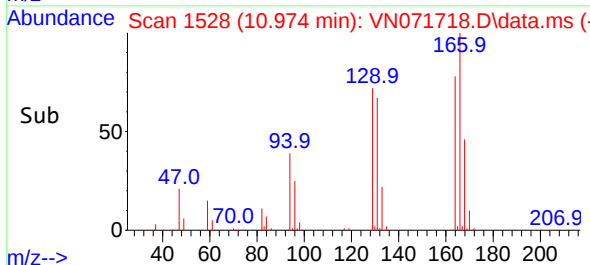
Supervised By :Mahesh Dadoda 04/01/2022

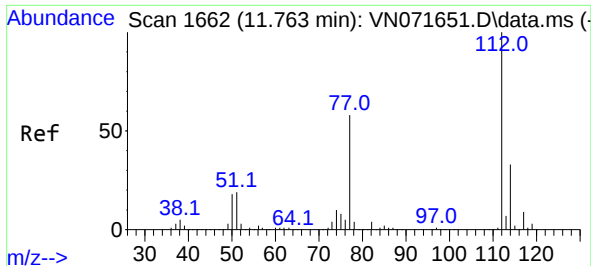


#64
Tetrachloroethene
Concen: 45.876 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



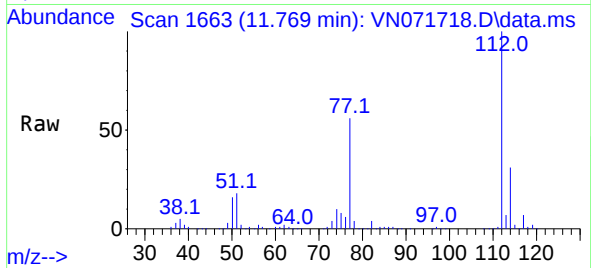
Tgt Ion:164 Resp: 251468
Ion Ratio Lower Upper
164 100
166 128.8 104.2 156.2
129 92.1 73.9 110.9
131 86.9 69.4 104.2





#65
Chlorobenzene
Concen: 48.135 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

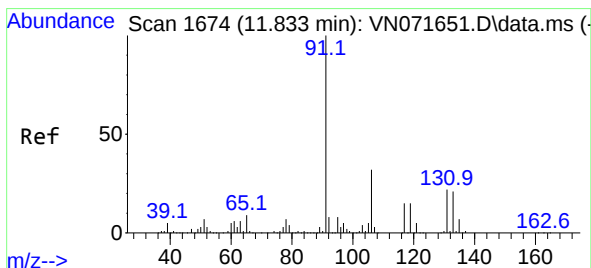
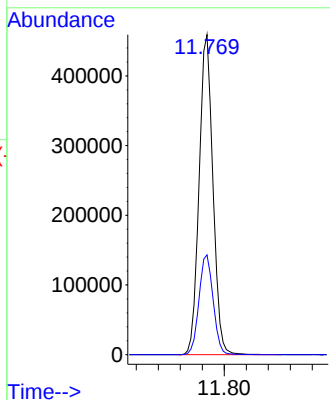
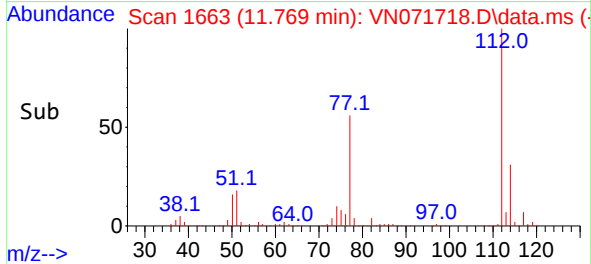
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



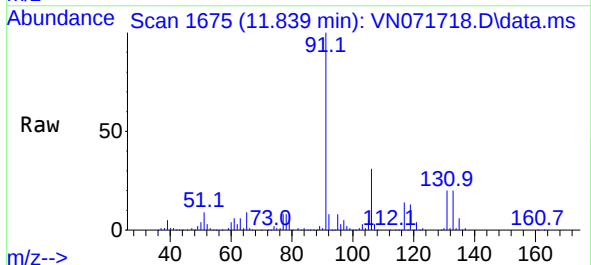
Tgt Ion:112 Resp: 800073
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

Manual Integrations
APPROVED

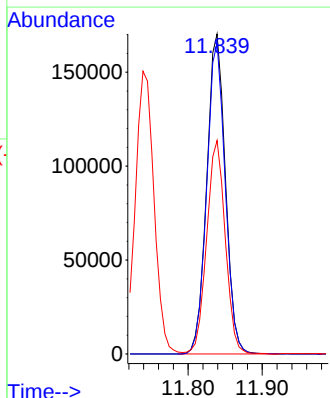
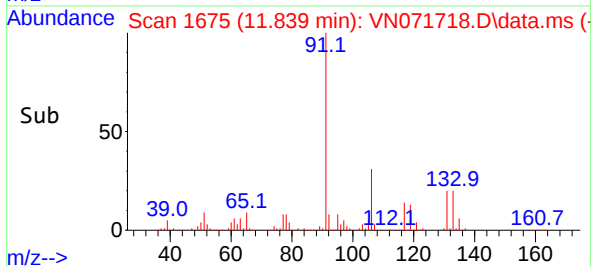
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.597 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



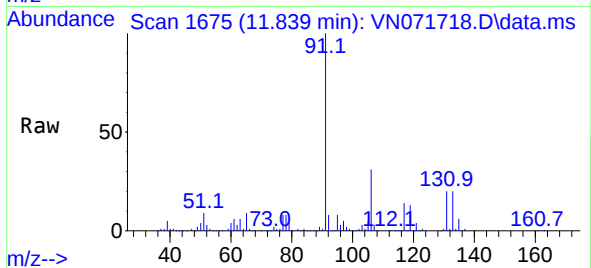
Tgt Ion:131 Resp: 297470
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.4
119 66.5 33.4 100.2





#67
Ethyl Benzene
Concen: 50.228 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

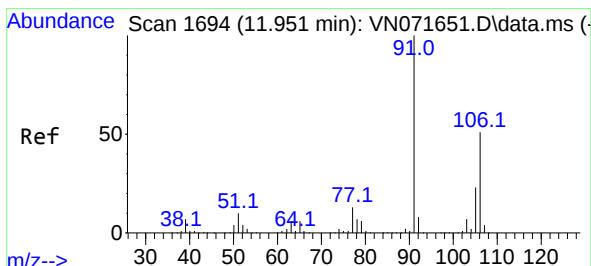
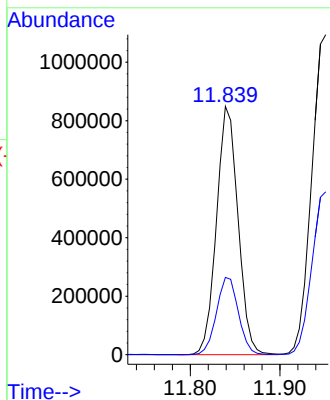
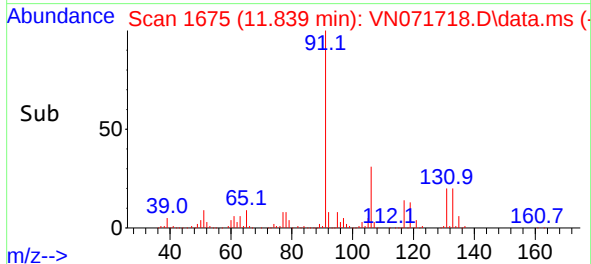
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



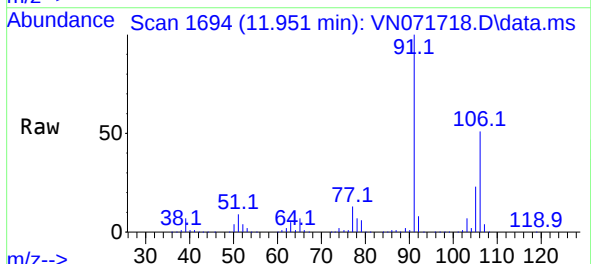
Tgt Ion: 91 Resp: 141332
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
APPROVED

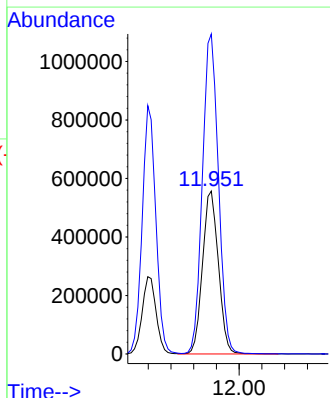
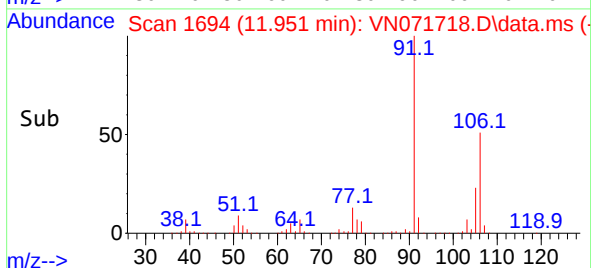
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

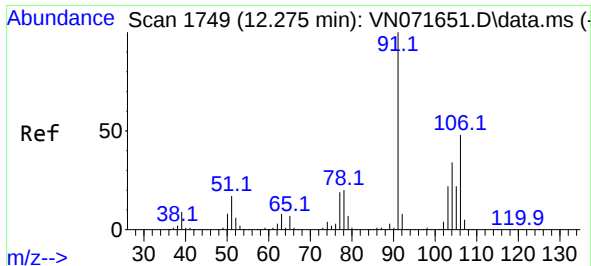


#68
m/p-Xylenes
Concen: 99.448 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion:106 Resp: 1075162
Ion Ratio Lower Upper
106 100
91 198.2 158.9 238.3





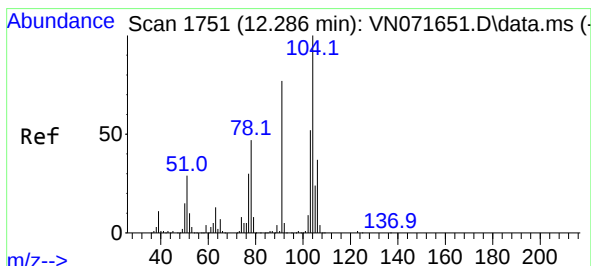
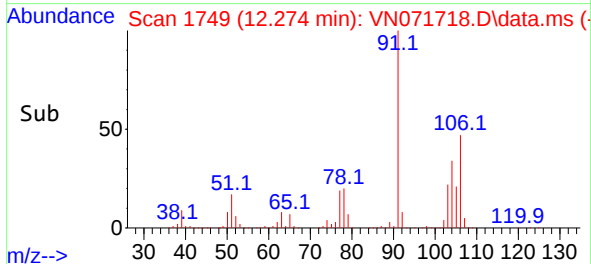
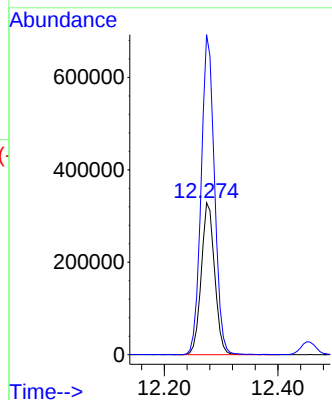
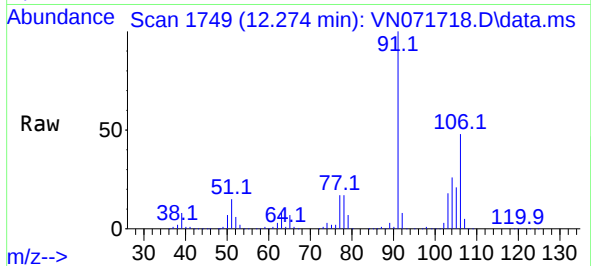
#69
o-Xylene
Concen: 50.092 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 537530
Ion Ratio Lower Upper
106 100
91 210.3 106.0 318.0

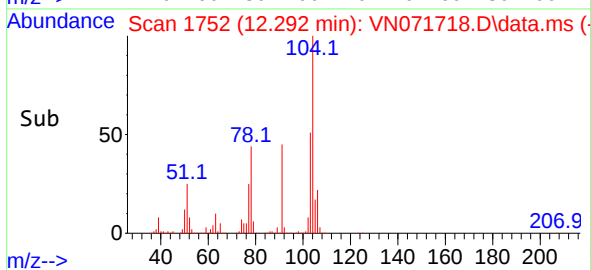
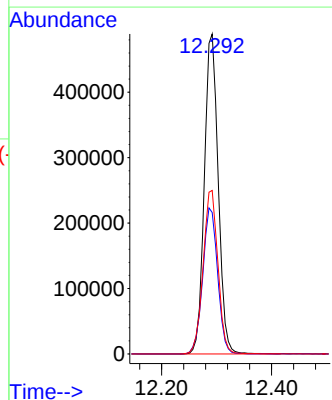
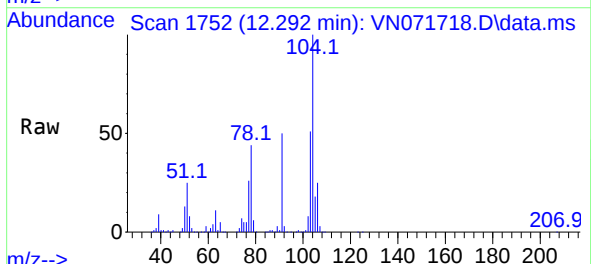
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
Styrene
Concen: 52.697 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

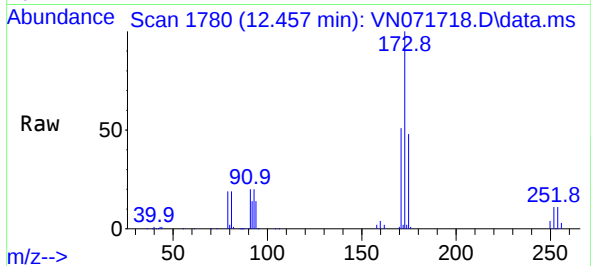
Tgt Ion:104 Resp: 856793
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 54.7 44.0 66.0





#71
Bromoform
Concen: 52.938 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

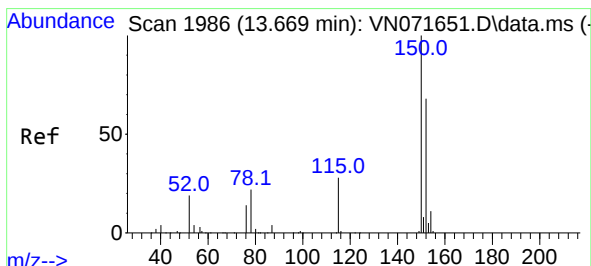
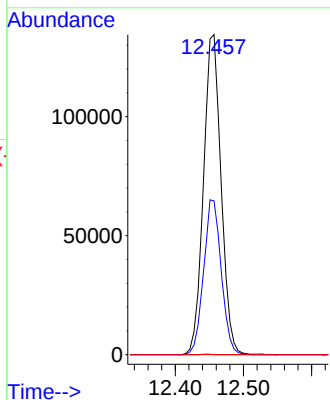
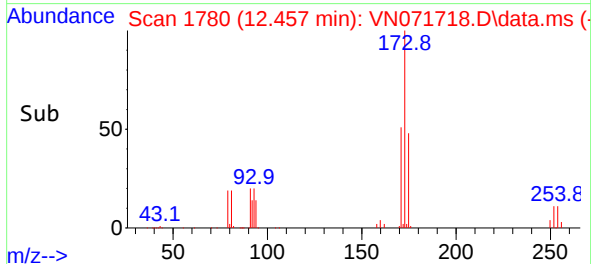
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



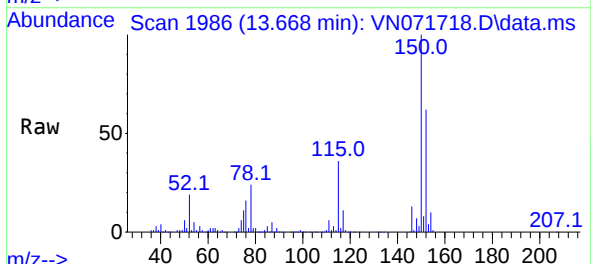
Tgt Ion:173 Resp: 24179
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

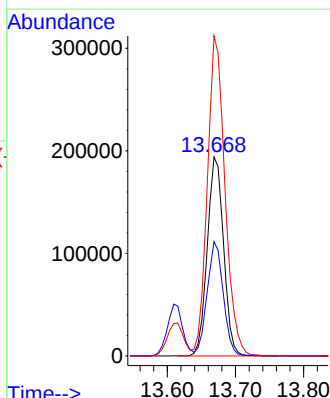
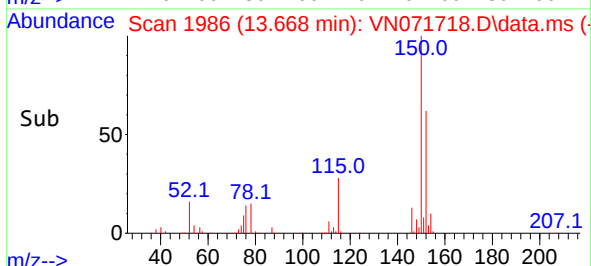
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion:152 Resp: 323892
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 173.5 0.0 356.2





#73
Isopropylbenzene
Concen: 50.596 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :

MSVOA_N

ClientSampleId :

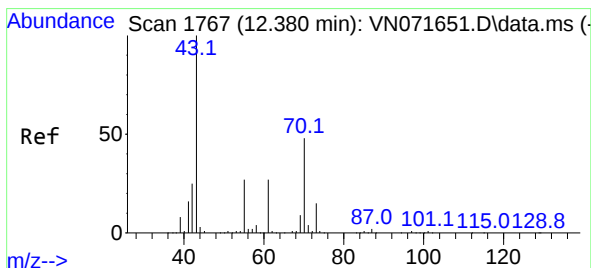
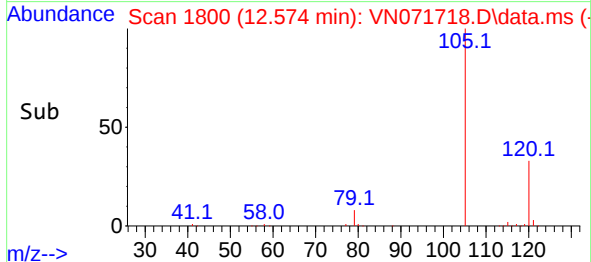
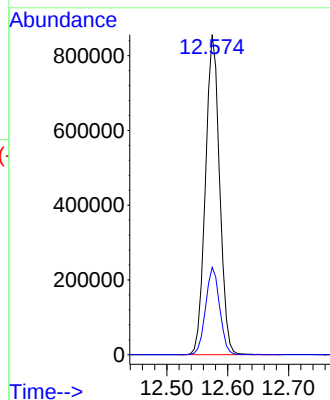
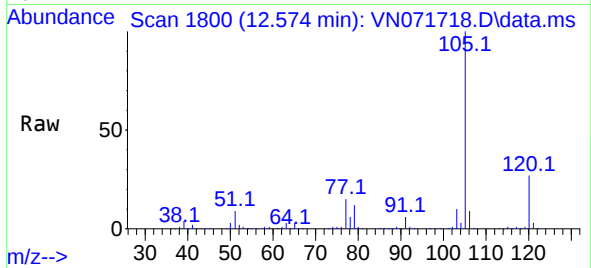
VSTDCCC050EC

Tgt Ion:105 Resp: 138094
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations

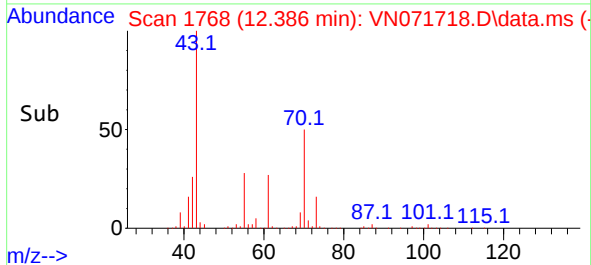
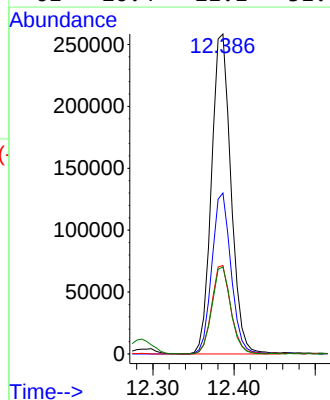
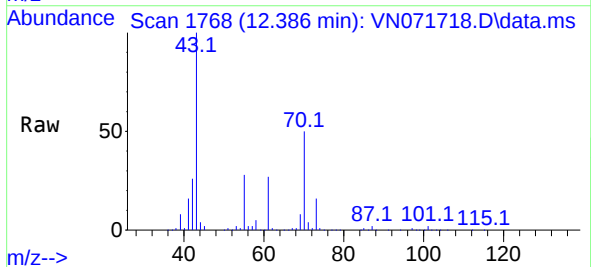
APPROVED

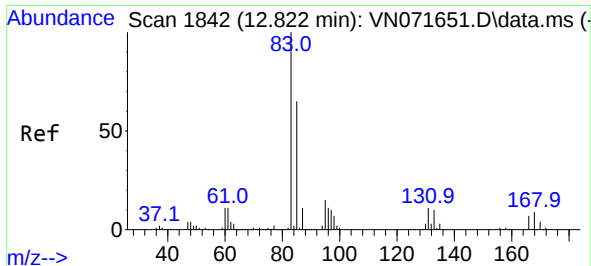
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
N-ethyl acetate
Concen: 55.146 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

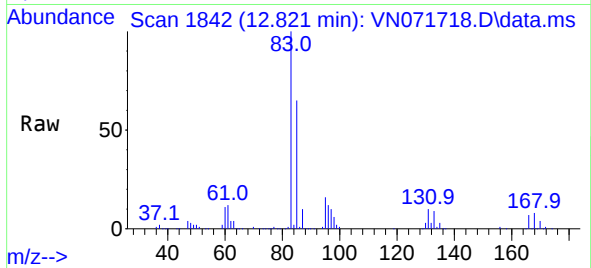
Tgt Ion: 43 Resp: 431245
Ion Ratio Lower Upper
43 100
70 49.4 39.0 58.4
55 27.2 21.1 31.7
61 26.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.893 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

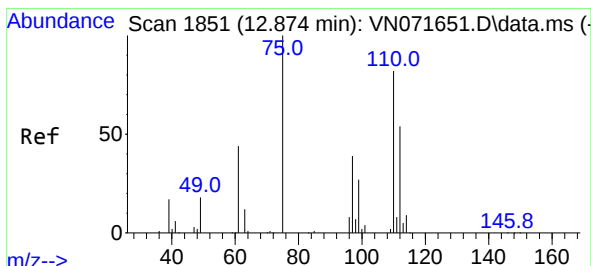
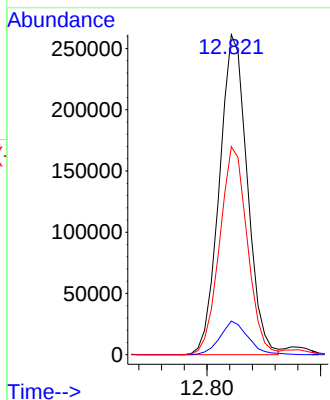
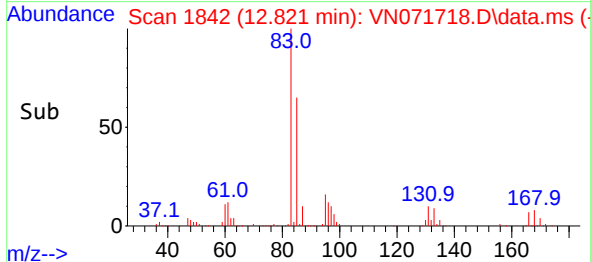
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



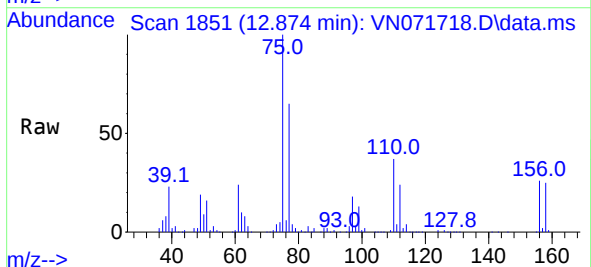
Tgt Ion: 83 Resp: 445249
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 64.7 32.3 96.9

Manual Integrations
APPROVED

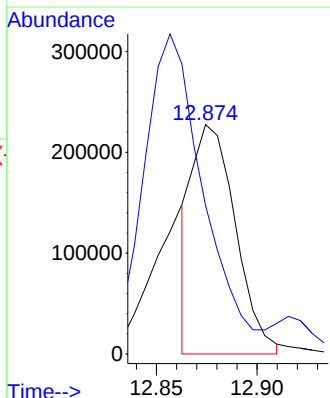
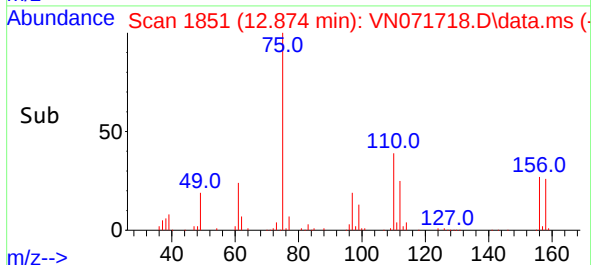
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

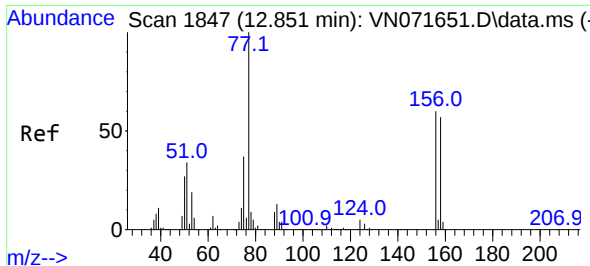


#76
1,2,3-Trichloropropane
Concen: 45.361 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



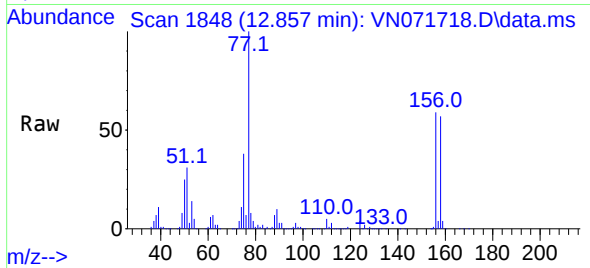
Tgt Ion: 75 Resp: 340350
Ion Ratio Lower Upper
75 100
77 194.0 98.5 295.5





#77
Bromobenzene
Concen: 47.627 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

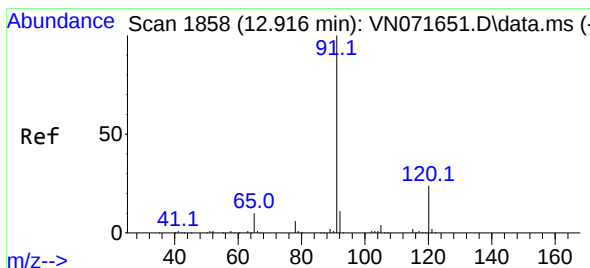
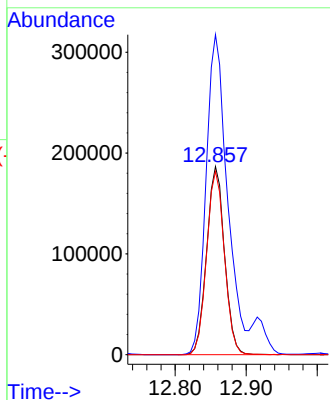
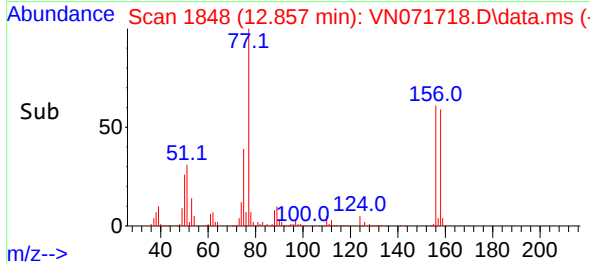
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 325861
Ion Ratio Lower Upper
156 100
77 202.6 100.5 301.5
158 97.1 48.9 146.6

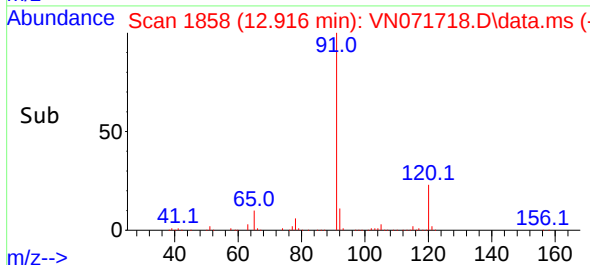
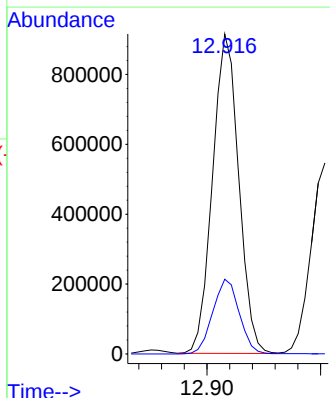
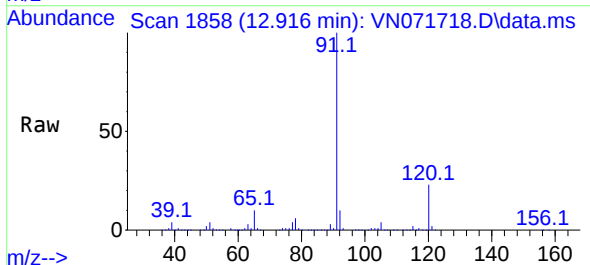
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
n-propylbenzene
Concen: 50.980 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Tgt Ion: 91 Resp: 1463661
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





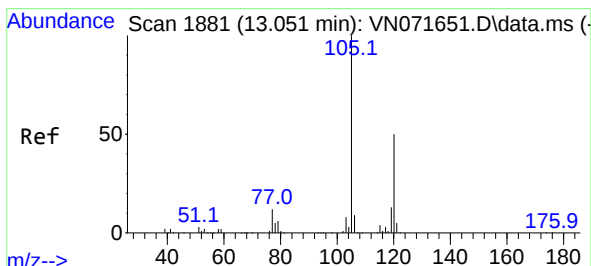
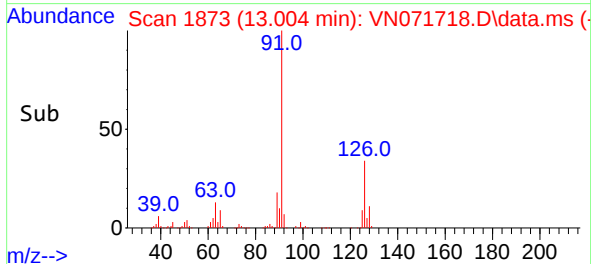
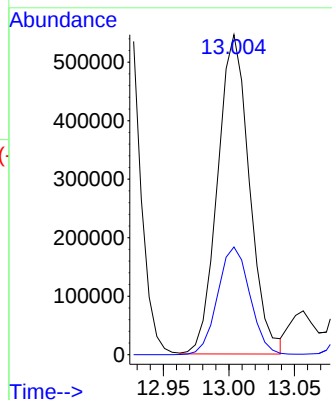
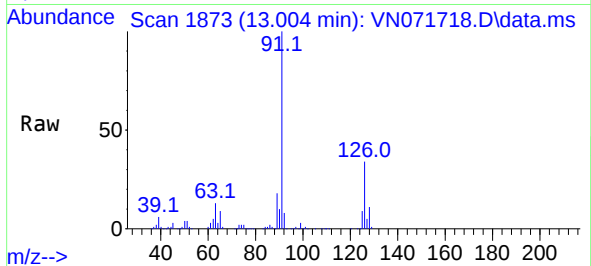
#79
2-Chlorotoluene
Concen: 50.053 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 921598
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.9

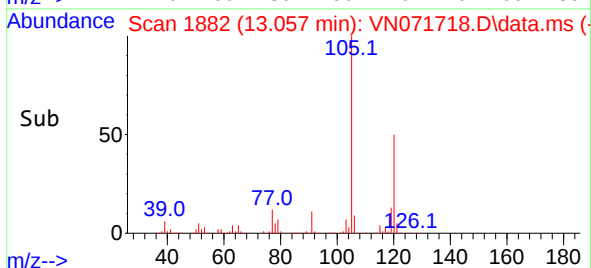
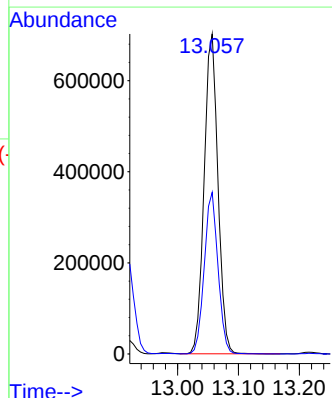
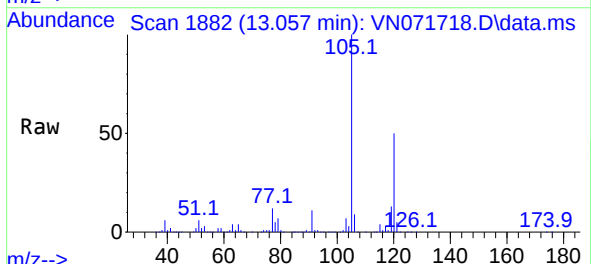
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.071 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

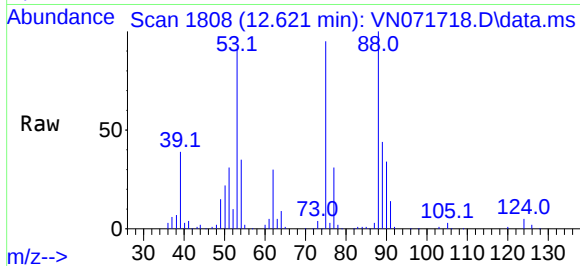
Tgt Ion:105 Resp: 1104415
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 51.337 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

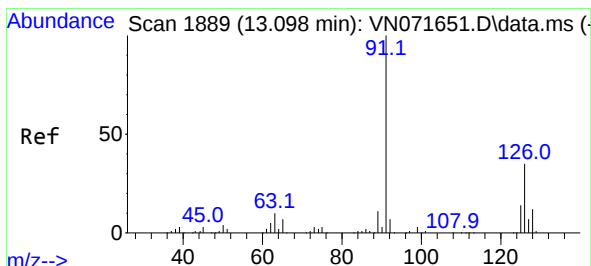
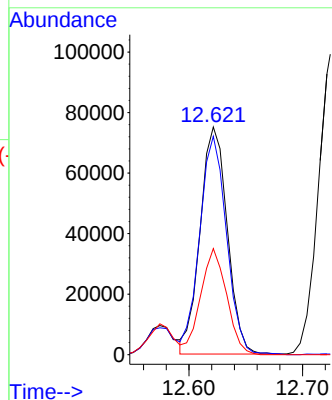
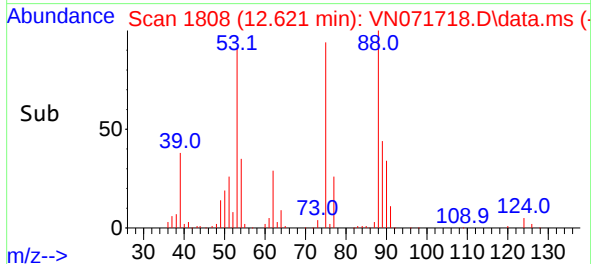
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



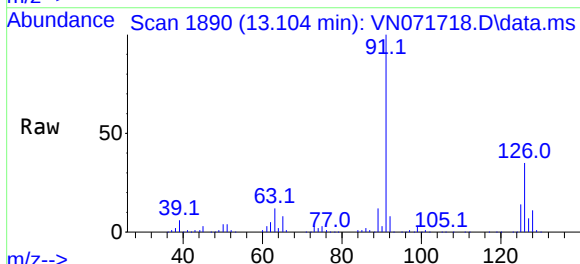
Tgt Ion: 75 Resp: 12429
Ion Ratio Lower Upper
75 100
53 96.0 78.0 117.0
89 45.1 37.2 55.8

Manual Integrations
APPROVED

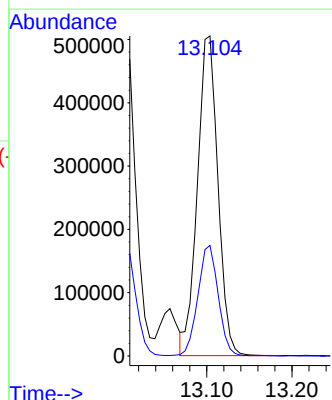
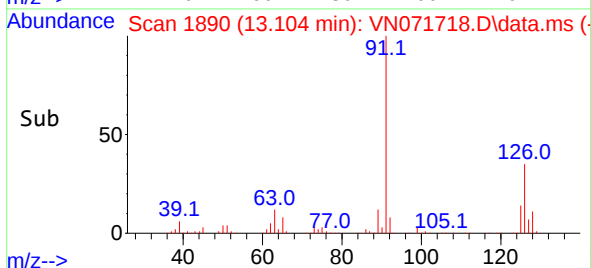
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

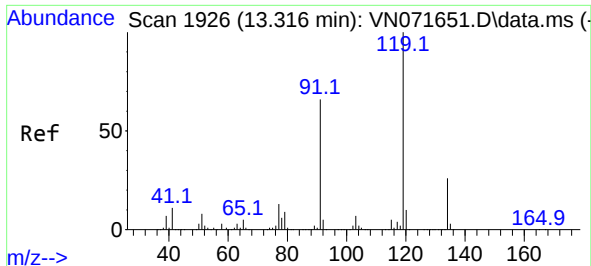


#82
4-Chlorotoluene
Concen: 49.460 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion: 91 Resp: 844121
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





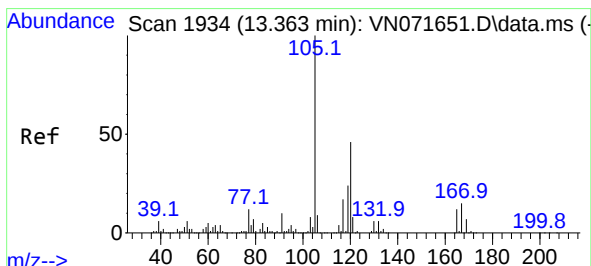
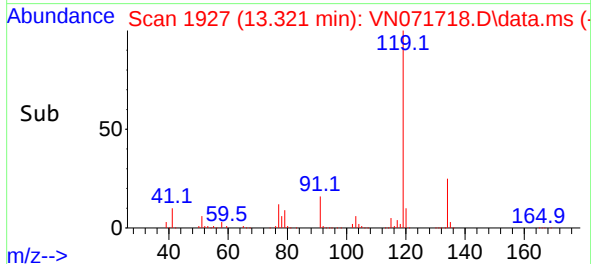
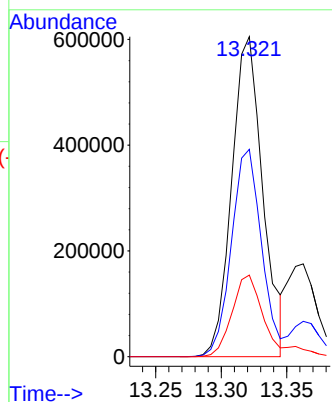
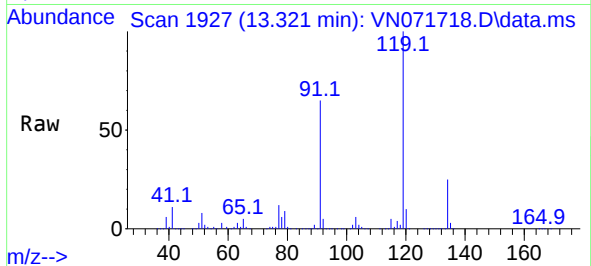
#83
tert-Butylbenzene
Concen: 50.507 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 99840
Ion Ratio Lower Upper
119 100
91 62.7 31.6 94.8
134 27.2 13.7 41.1

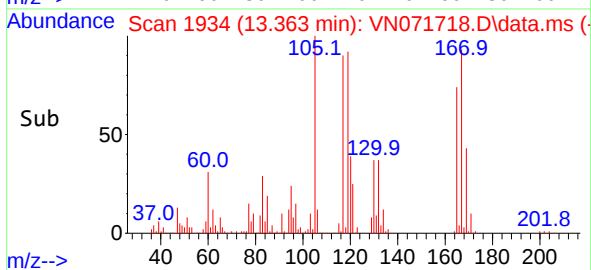
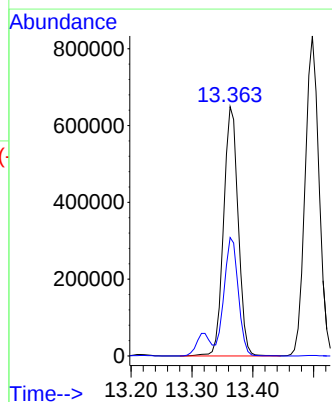
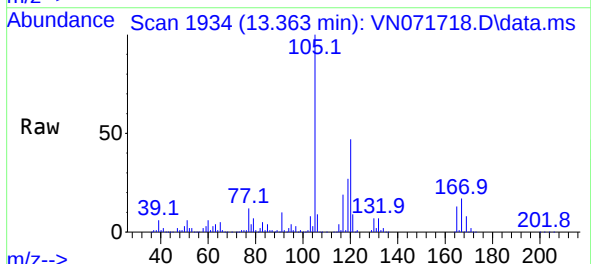
Manual Integrations
APPROVED

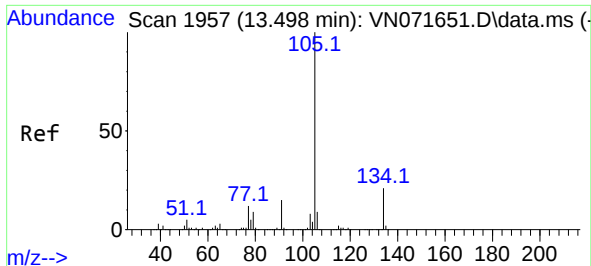
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.101 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Tgt Ion:105 Resp: 1078196
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





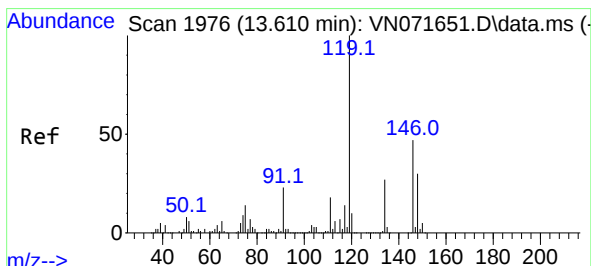
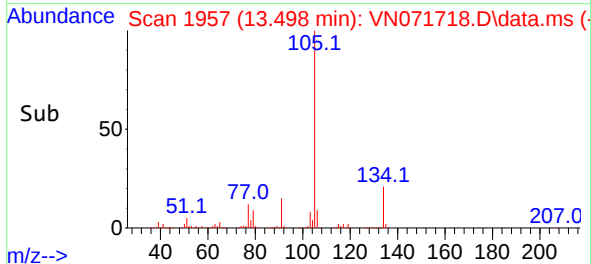
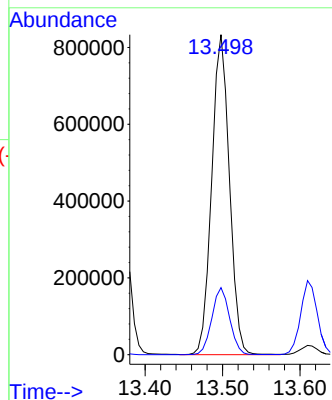
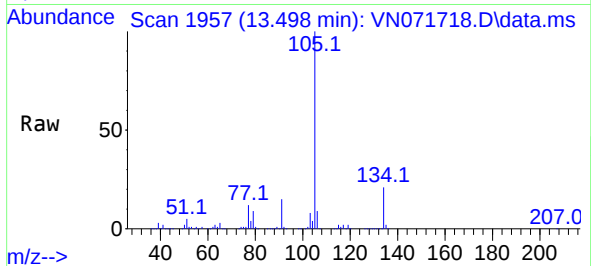
#85
 sec-Butylbenzene
 Concen: 51.569 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071718.D
 Acq: 31 Mar 2022 20:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 132145
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

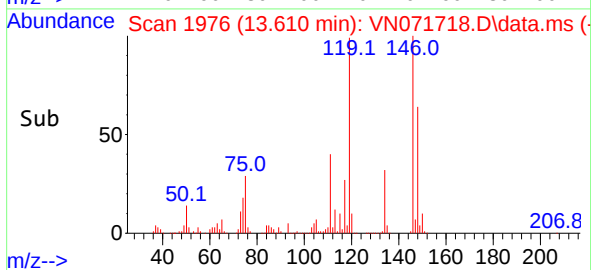
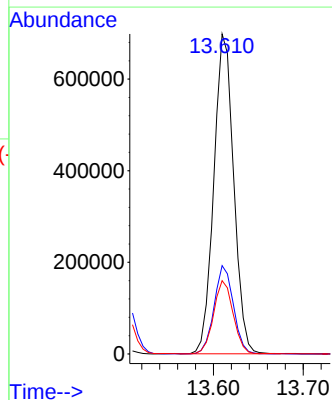
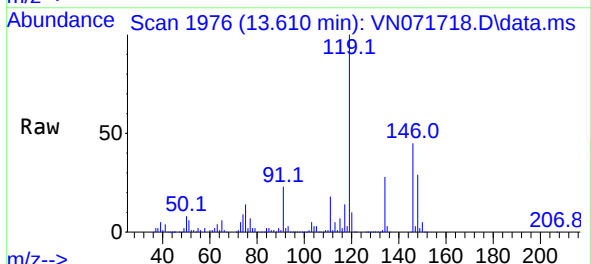
Manual Integrations
 APPROVED

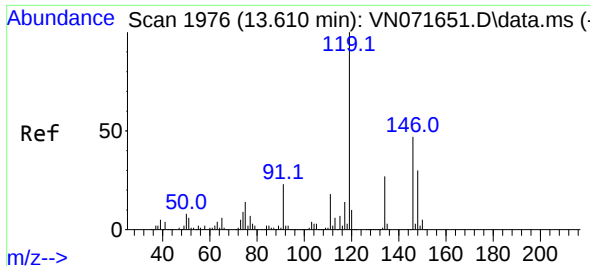
Reviewed By :John Carlone 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#86
 p-Isopropyltoluene
 Concen: 52.496 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071718.D
 Acq: 31 Mar 2022 20:50

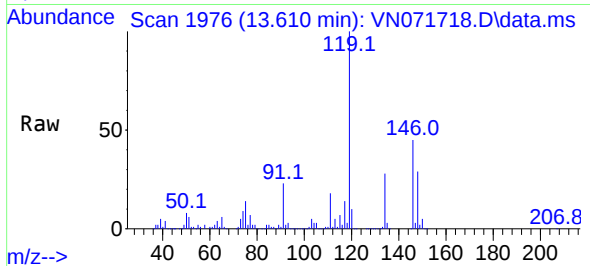
Tgt Ion:119 Resp: 1072592
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 48.732 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

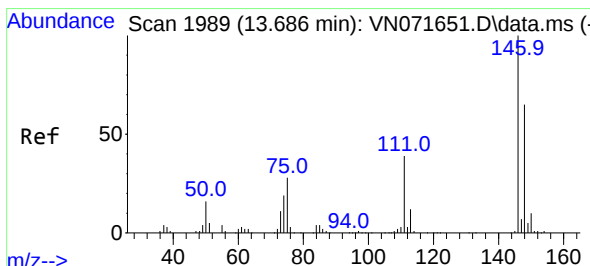
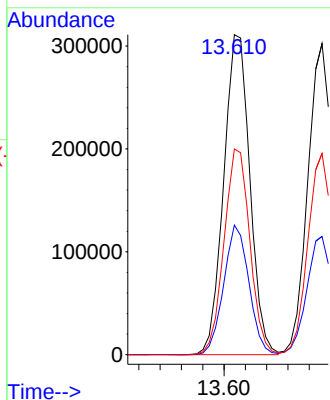
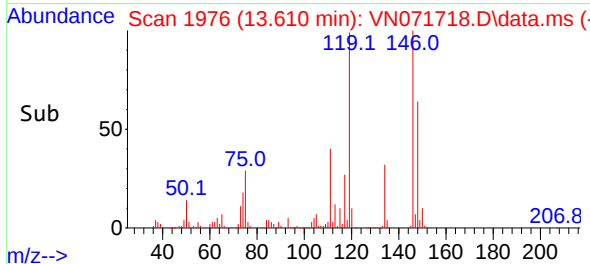
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



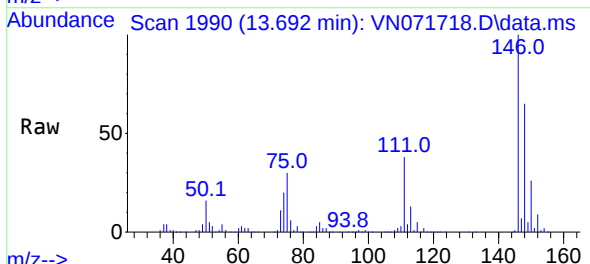
Tgt Ion:146 Resp: 531190
Ion Ratio Lower Upper
146 100
111 39.1 20.0 60.0
148 63.6 32.0 96.0

Manual Integrations
APPROVED

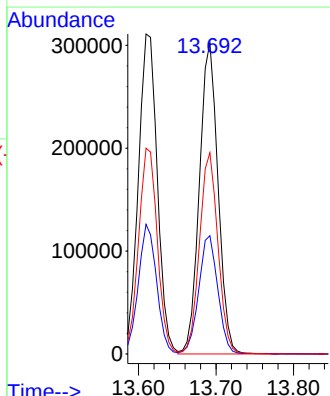
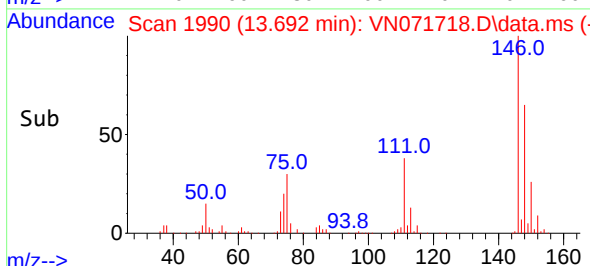
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

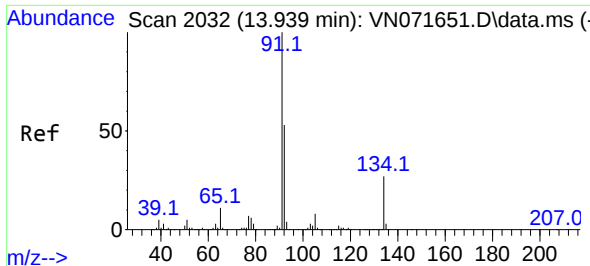


#88
1,4-Dichlorobenzene
Concen: 47.422 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



Tgt Ion:146 Resp: 504297
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 64.3 31.4 94.3





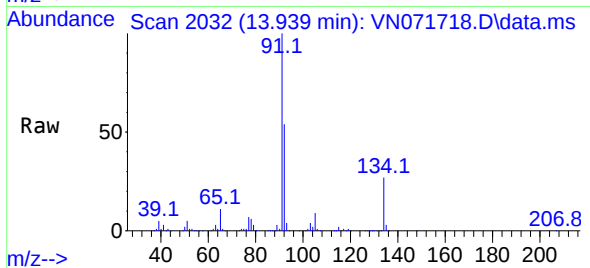
#89
n-Butylbenzene
Concen: 51.462 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

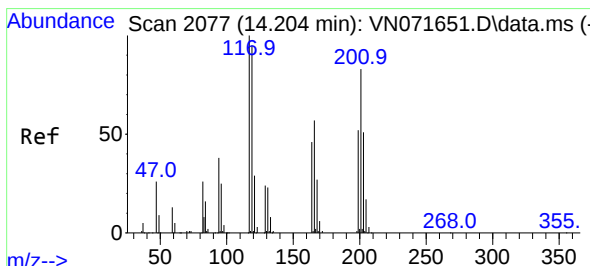
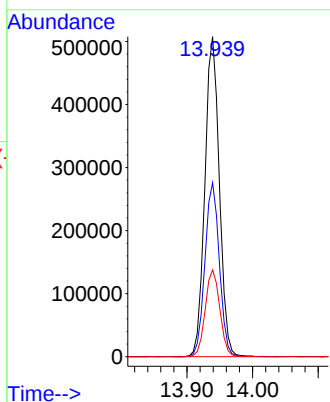
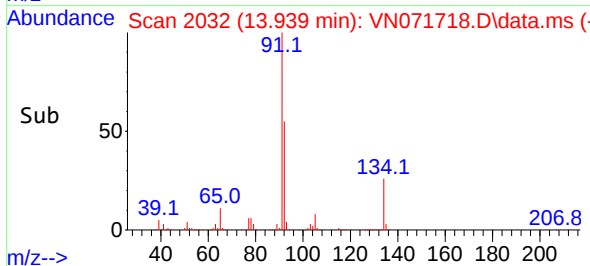


Tgt Ion: 91 Resp: 77985
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 27.3 13.6 40.8

Manual Integrations

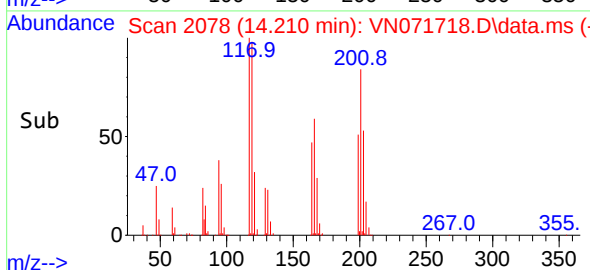
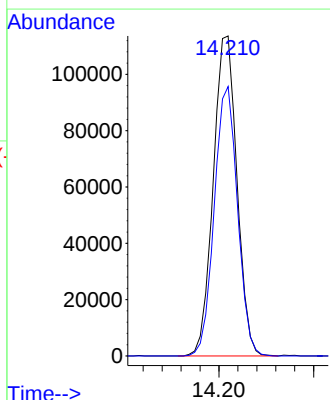
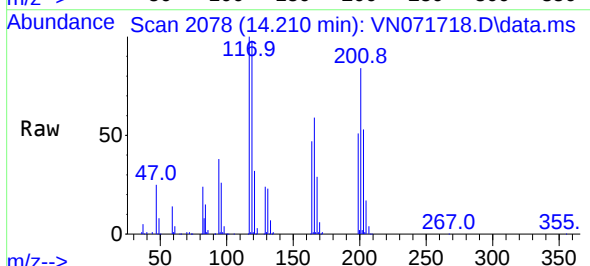
APPROVED

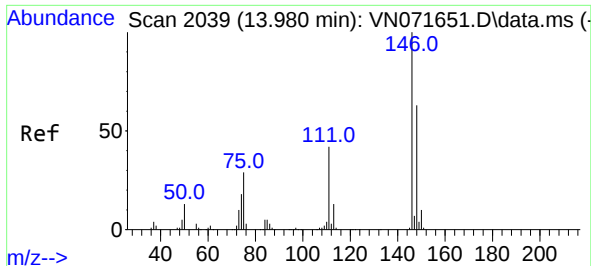
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
Hexachloroethane
Concen: 52.888 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Tgt Ion:117 Resp: 197810
Ion Ratio Lower Upper
117 100
201 82.5 40.6 122.0





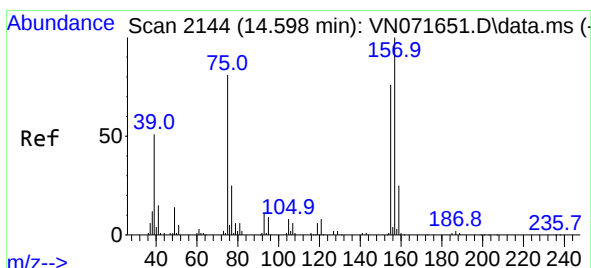
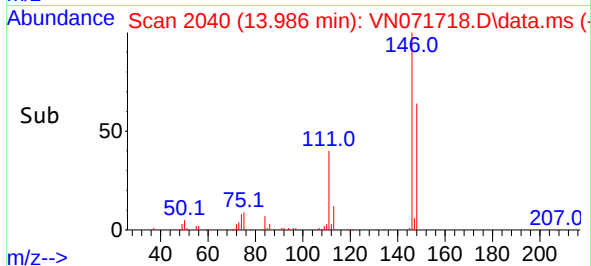
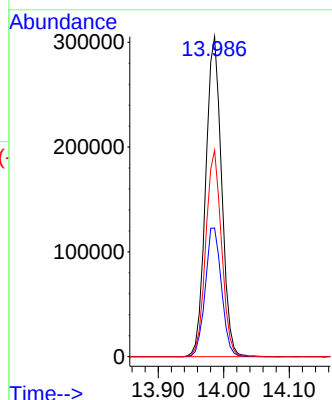
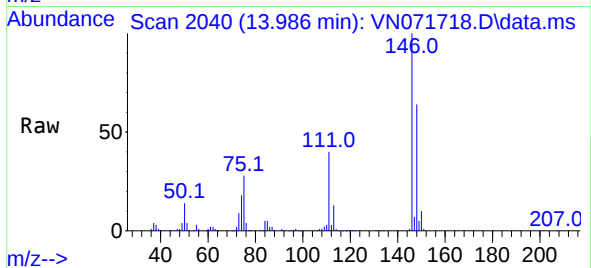
#91
1,2-Dichlorobenzene
Concen: 48.061 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 514304
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.8
148 63.9 32.1 96.3

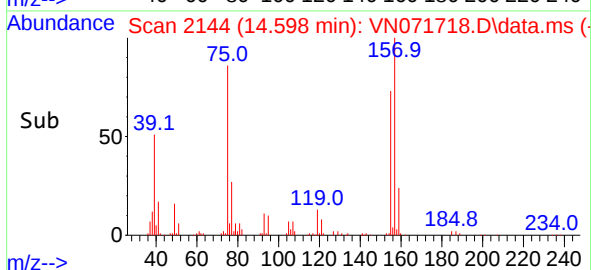
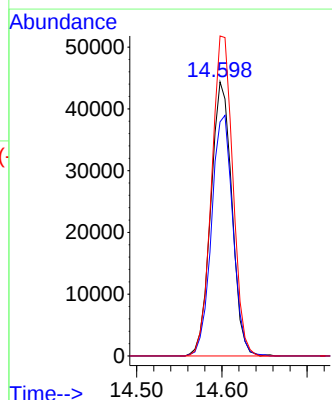
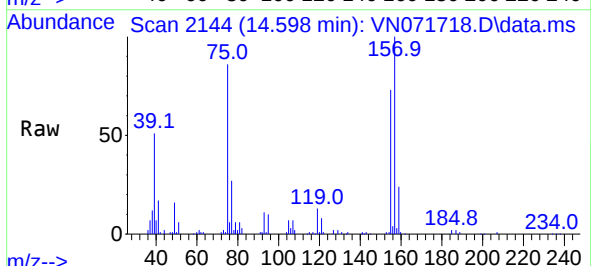
Manual Integrations
APPROVED

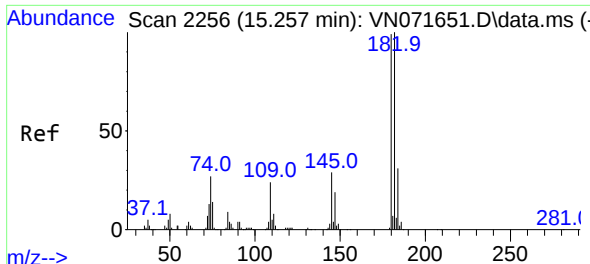
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.928 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

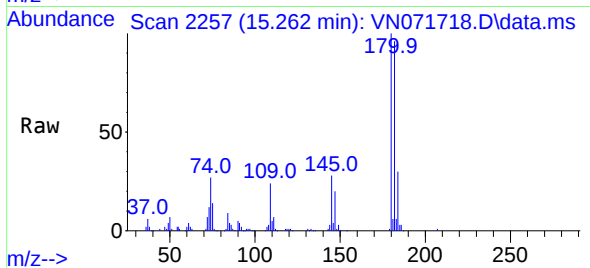
Tgt Ion: 75 Resp: 76176
Ion Ratio Lower Upper
75 100
155 89.0 44.9 134.5
157 117.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 47.267 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

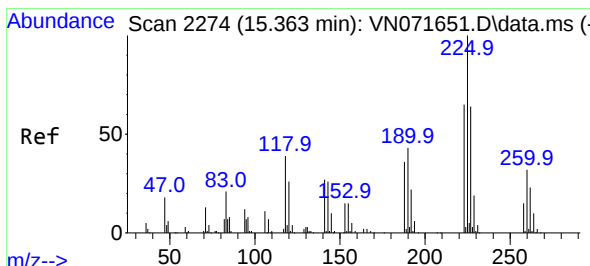
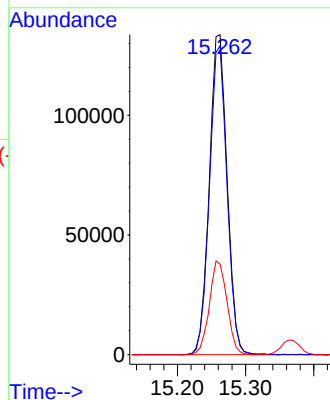
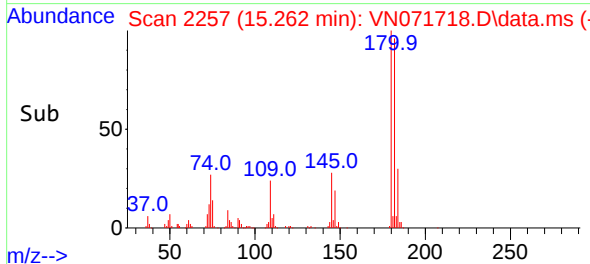
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



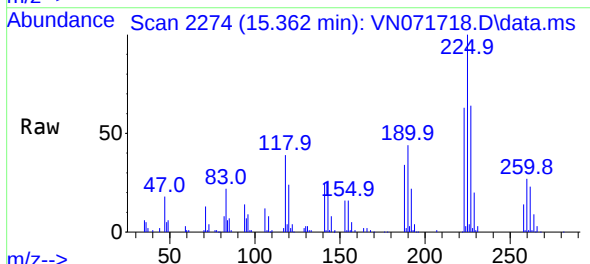
Tgt Ion:180 Resp: 243030
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 29.0 14.5 43.5

Manual Integrations
APPROVED

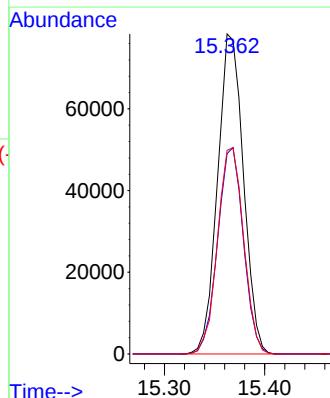
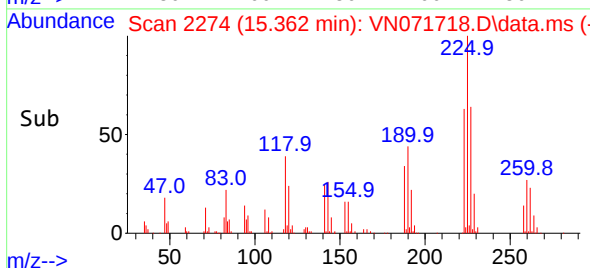
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

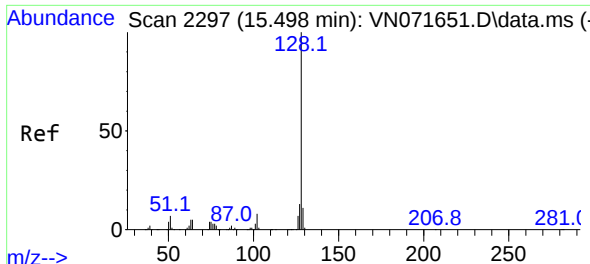


#94
Hexachlorobutadiene
Concen: 44.346 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50



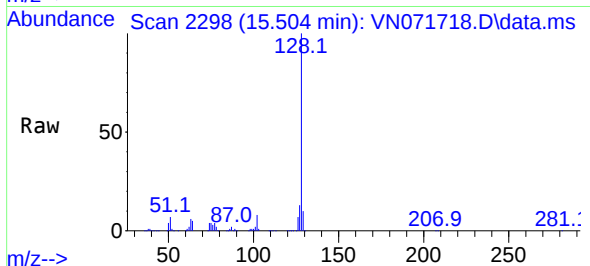
Tgt Ion:225 Resp: 139960
Ion Ratio Lower Upper
225 100
223 64.1 32.4 97.2
227 65.0 31.8 95.4





#95
Naphthalene
Concen: 46.754 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

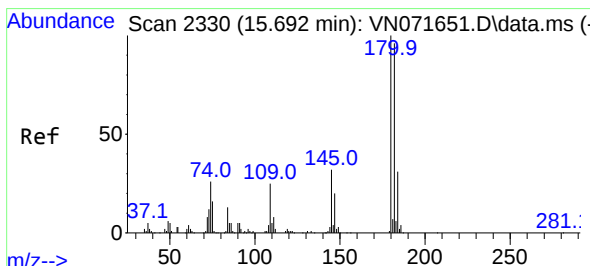
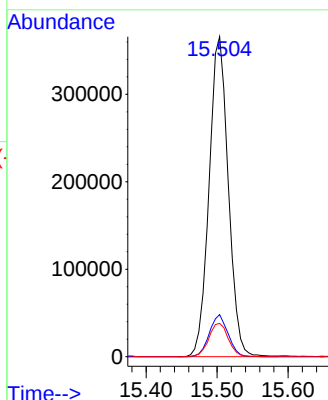
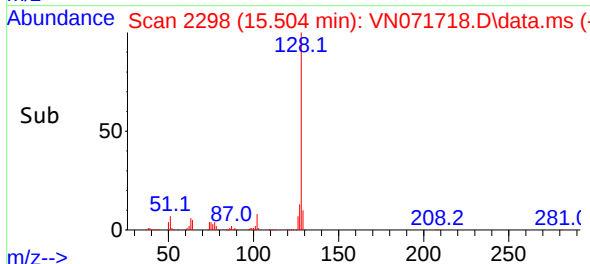
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 685649
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.840 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071718.D
Acq: 31 Mar 2022 20:50

Tgt Ion:180 Resp: 238337
Ion Ratio Lower Upper
180 100
182 94.7 47.8 143.3
145 30.3 15.5 46.5

