

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071501.D
 Acq On : 23 Mar 2022 06:37
 Operator : JC\MD
 Sample : N1962-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-19-18-19

Quant Time: Mar 23 07:17:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	775490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1333264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1297685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	535720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	510272	48.010	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.020%
35) Dibromofluoromethane	8.016	113	388982	46.234	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.460%
50) Toluene-d8	10.439	98	1688478	49.845	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.727	95	664862	57.961	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.920%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	2958	0.225	ug/l #	78
5) Bromomethane	2.863	94	783	Below Cal	#	44
8) Diethyl Ether	3.828	74	11486	1.958	ug/l	77
11) Tert butyl alcohol	5.363	59	1044	0.500	ug/l #	71
13) Acrolein	4.046	56	1081	0.489	ug/l #	67
16) Acetone	4.281	43	69248	13.390	ug/l	99
17) Carbon Disulfide	4.528	76	7510	0.339	ug/l #	94
18) Methyl Acetate	4.857	43	20611	1.940	ug/l	90
20) Methylene Chloride	5.098	84	18897	2.366	ug/l	84
25) 2-Butanone	7.334	43	21763	2.612	ug/l	93
29) Tetrahydrofuran	7.698	42	2031	0.352	ug/l #	66
31) Cyclohexane	8.086	56	149839	8.828	ug/l #	92
36) 1,1-Dichloropropene	8.081	75	62806	4.659	ug/l #	52
37) Ethyl Acetate	7.334	43	21763	1.173	ug/l #	68
38) Carbon Tetrachloride	8.081	117	77620	5.953	ug/l #	17
39) Methylcyclohexane	9.457	83	232455	14.659	ug/l	90
40) Benzene	8.457	78	30495	0.751	ug/l	97
43) Isopropyl Acetate	8.557	43	109379	3.943	ug/l #	81
45) 1,2-Dichloropropane	9.463	63	2658	0.244	ug/l #	1
48) Methyl methacrylate	9.539	41	23731	1.846	ug/l #	8
49) 1,4-Dioxane	9.610	88	505	2.260	ug/l #	1
51) 4-Methyl-2-Pentanone	10.328	43	13019	0.756	ug/l #	80
52) Toluene	10.498	92	14338	0.573	ug/l	98
54) cis-1,3-Dichloropropene	10.239	75	98788	6.048	ug/l #	57
55) 1,1,2-Trichloroethane	10.869	97	14842	1.481	ug/l #	19
56) Ethyl methacrylate	10.780	69	8418	0.514	ug/l #	12
57) 1,3-Dichloropropane	11.086	76	61170	3.401	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.033	63	54	27.879	ug/l #	45
59) 2-Hexanone	11.086	43	933586	79.471	ug/l #	49
67) Ethyl Benzene	11.839	91	13599	0.276	ug/l #	83
68) m/p-Xylenes	11.951	106	21007	1.165	ug/l	92
69) o-Xylene	12.274	106	95618	5.292	ug/l	92
71) Bromoform	12.727	173	4155	0.535	ug/l #	1
73) Isopropylbenzene	12.574	105	84629	1.639	ug/l	97
74) N-amyl acetate	12.351	43	5281	0.272	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.816	83	721	Below Cal	#	48

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

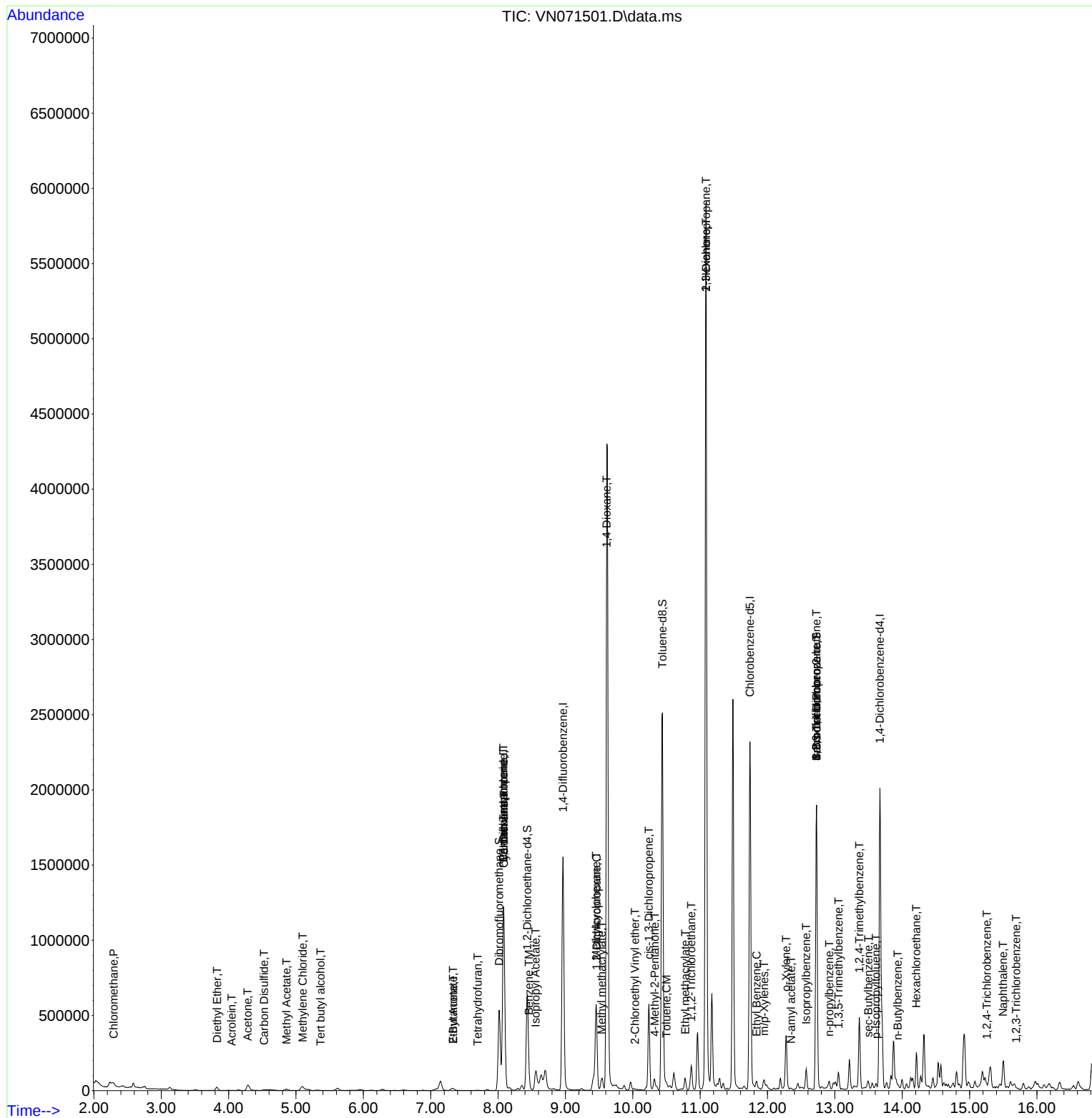
76) 1,2,3-Trichloropropane	12.727	75	344011	25.089	ug/l	#	1
78) n-propylbenzene	12.916	91	42107	0.760	ug/l		97
80) 1,3,5-Trimethylbenzene	13.057	105	49103	1.222	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.727	75	344011	69.416	ug/l	#	5
84) 1,2,4-Trimethylbenzene	13.363	105	264837	6.882	ug/l		99
85) sec-Butylbenzene	13.498	105	31818	0.668	ug/l		86
86) p-Isopropyltoluene	13.610	119	14758	0.394	ug/l		93
89) n-Butylbenzene	13.933	91	10061	0.343	ug/l	#	74
90) Hexachloroethane	14.210	117	12930	1.735	ug/l	#	6
93) 1,2,4-Trichlorobenzene	15.257	180	186	3.009	ug/l	#	1
95) Naphthalene	15.498	128	170529	11.308	ug/l		99
96) 1,2,3-Trichlorobenzene	15.692	180	169	2.751	ug/l	#	39

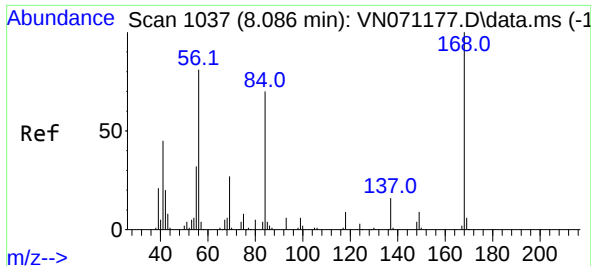
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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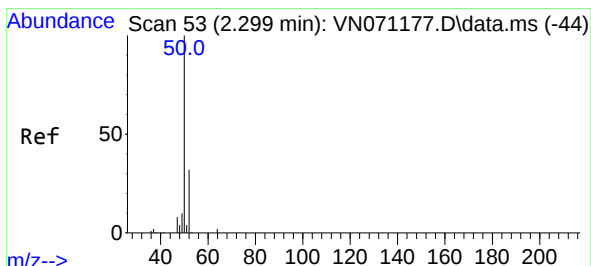
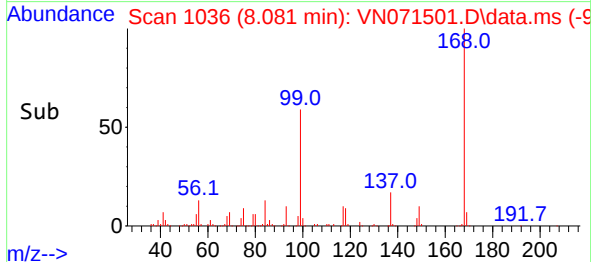
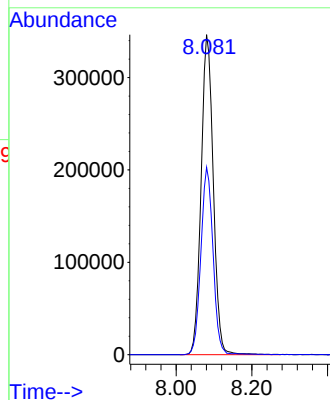
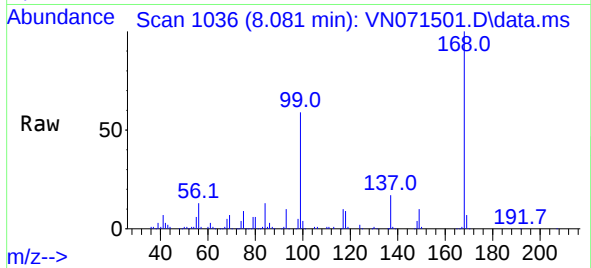




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

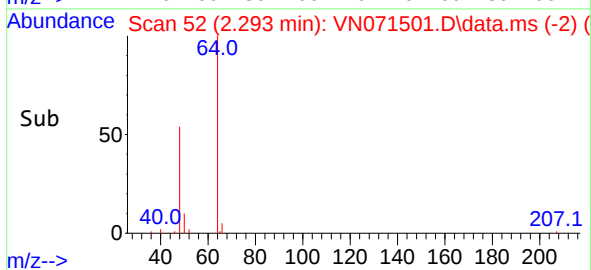
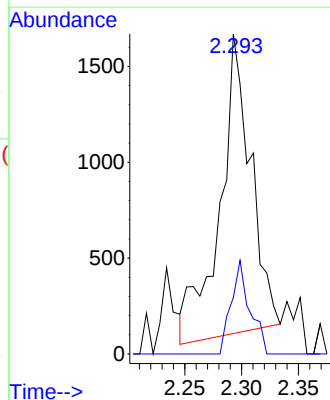
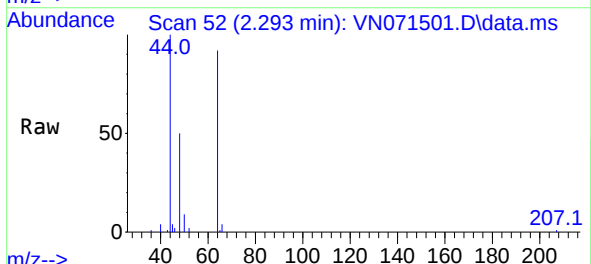
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MSVOA_N
ClientSampleId :
C-19-18-19

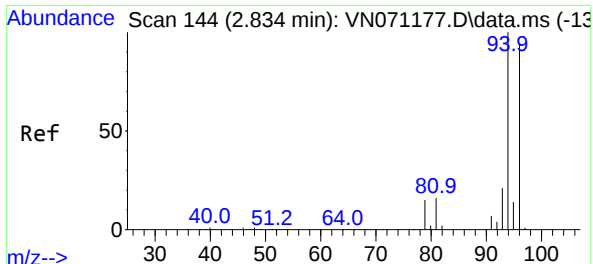
Tgt Ion:168 Resp: 775490
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9



#3
Chloromethane
Concen: 0.225 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 50 Resp: 2958
Ion Ratio Lower Upper
50 100
52 19.4 25.4 38.0#

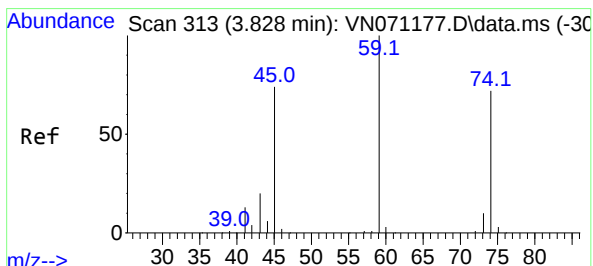
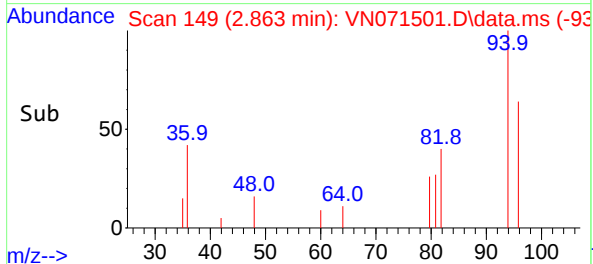
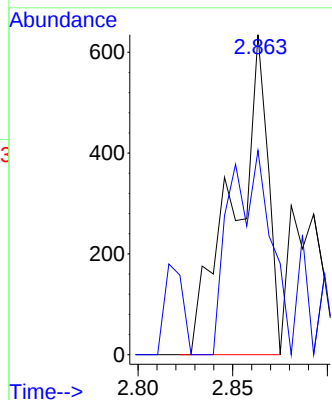
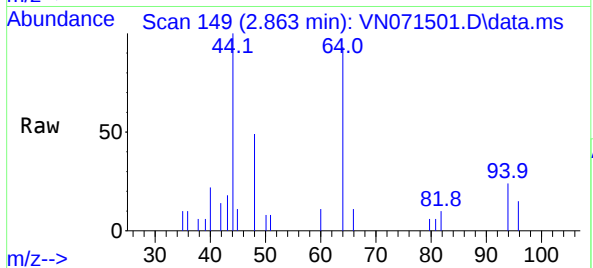




#5
Bromomethane
Concen: Below Cal
RT: 2.863 min Scan# 144
Delta R.T. 0.029 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

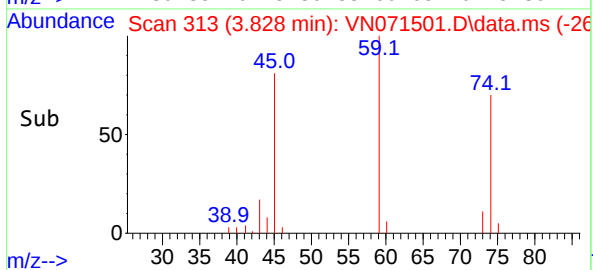
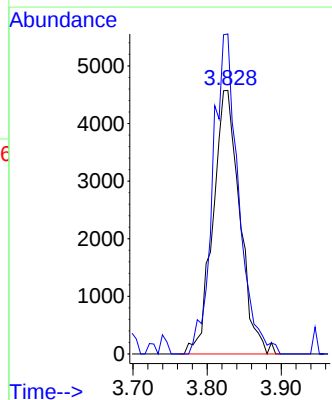
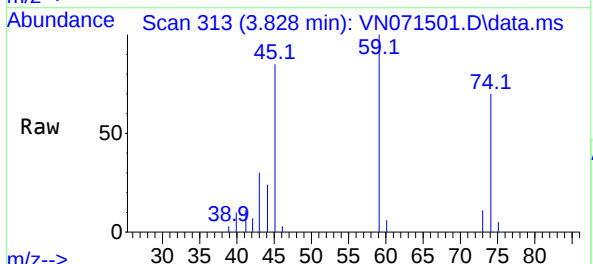
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

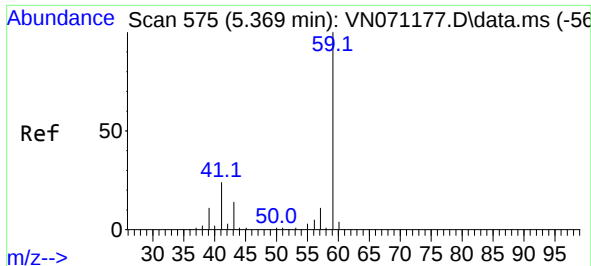
Tgt Ion: 94 Resp: 783
Ion Ratio Lower Upper
94 100
96 38.9 73.8 110.8#



#8
Diethyl Ether
Concen: 1.958 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 74 Resp: 11486
Ion Ratio Lower Upper
74 100
45 116.3 47.0 141.2

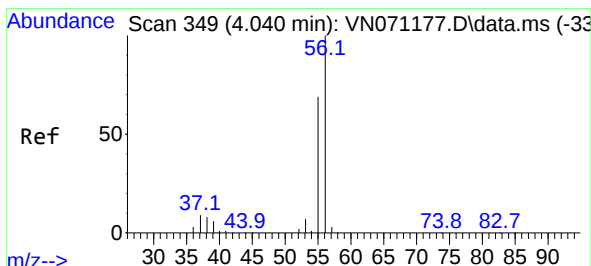
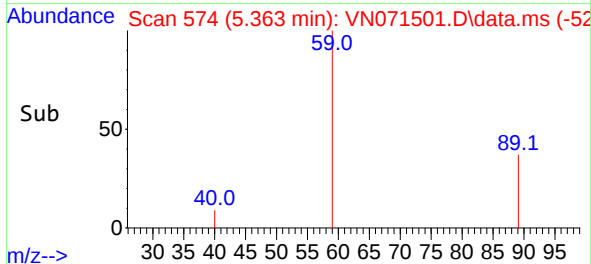
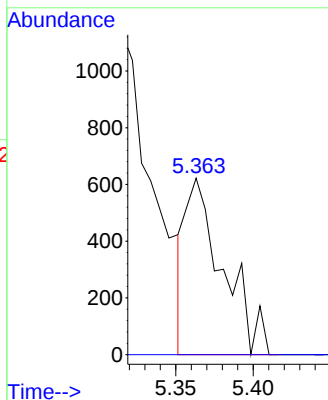
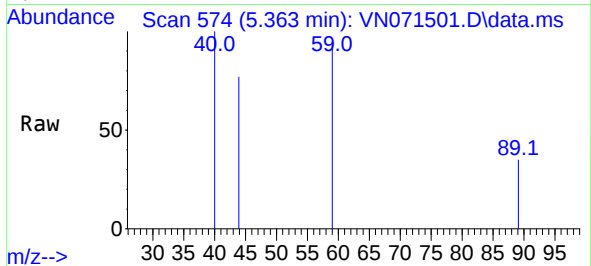




#11
Tert butyl alcohol
Concen: 0.500 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

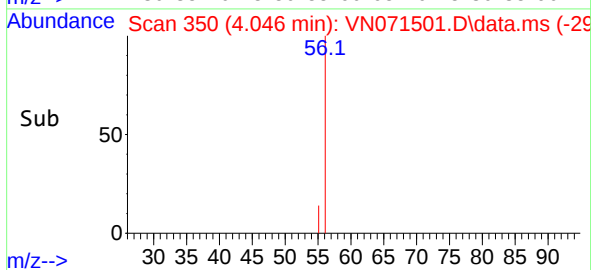
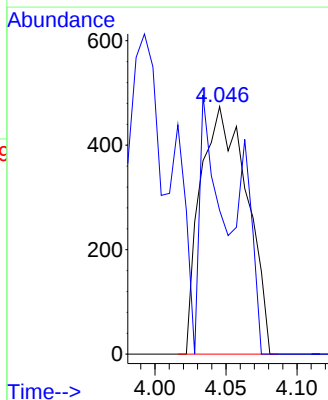
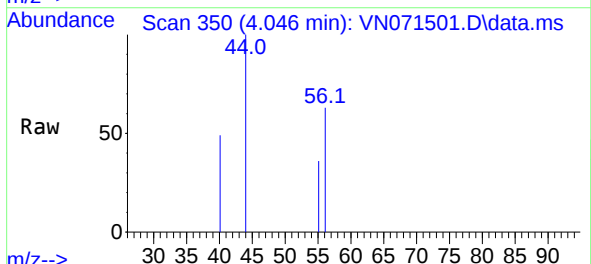
Instrument :
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ClientSampleId :
C-19-18-19

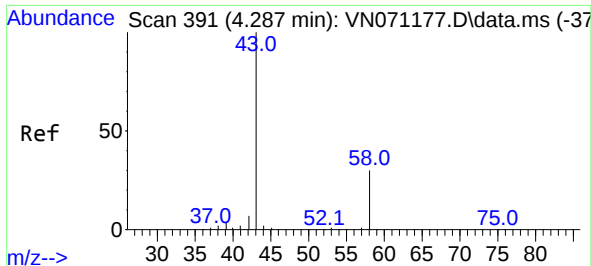
Tgt Ion: 59 Resp: 1044
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.489 ug/l
RT: 4.046 min Scan# 350
Delta R.T. 0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 56 Resp: 1081
Ion Ratio Lower Upper
56 100
55 43.8 56.6 85.0#

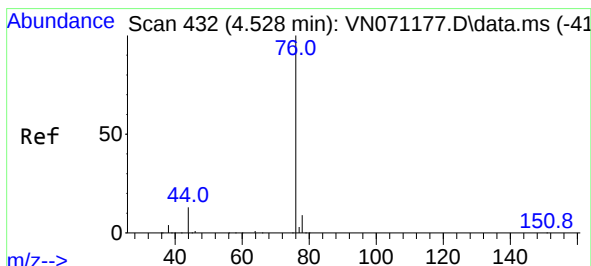
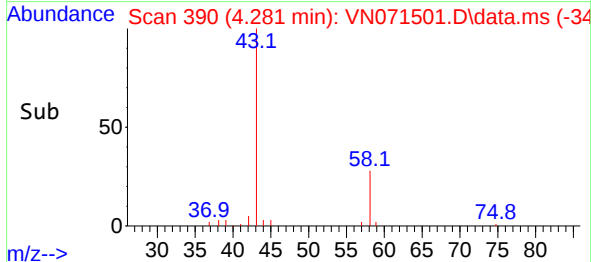
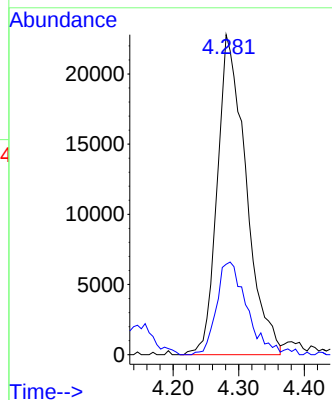
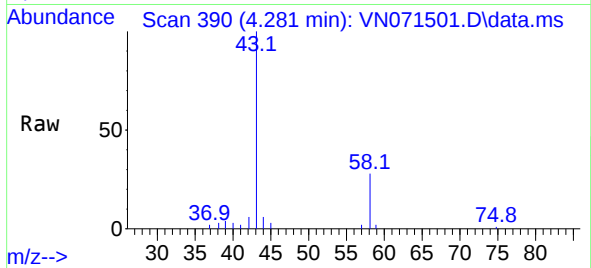




#16
Acetone
Concen: 13.390 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

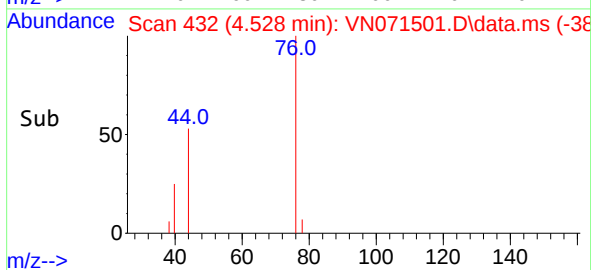
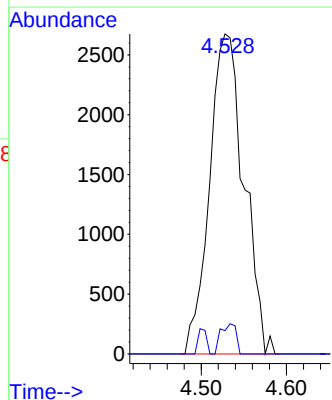
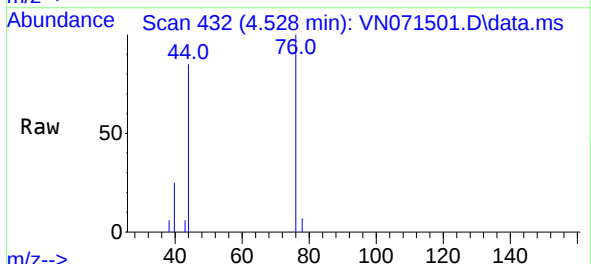
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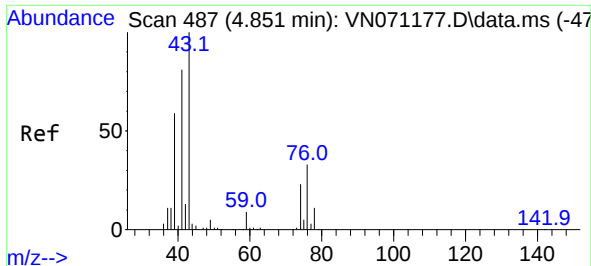
Tgt Ion: 43 Resp: 69248
Ion Ratio Lower Upper
43 100
58 28.3 23.1 34.7



#17
Carbon Disulfide
Concen: 0.339 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 76 Resp: 7510
Ion Ratio Lower Upper
76 100
78 7.3 7.5 11.3#

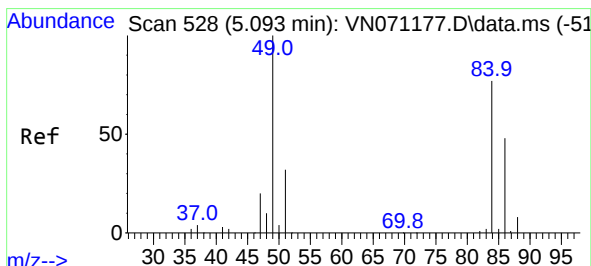
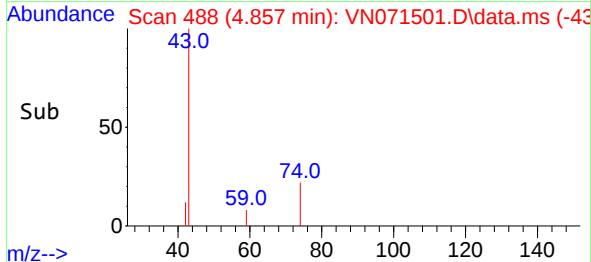
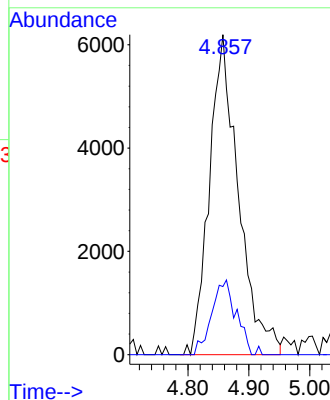
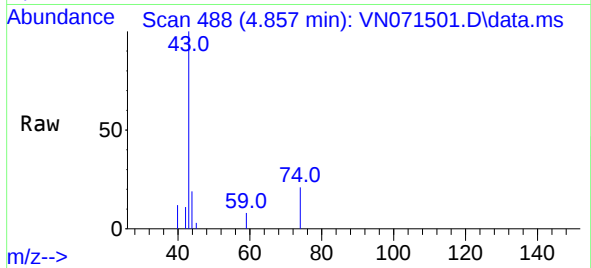




#18
Methyl Acetate
Concen: 1.940 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

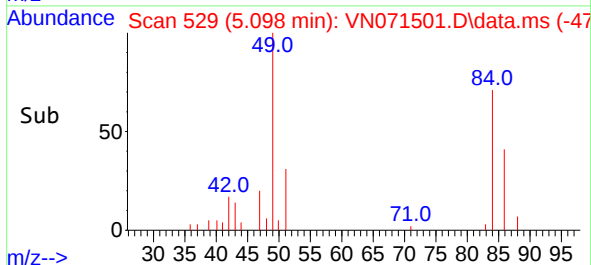
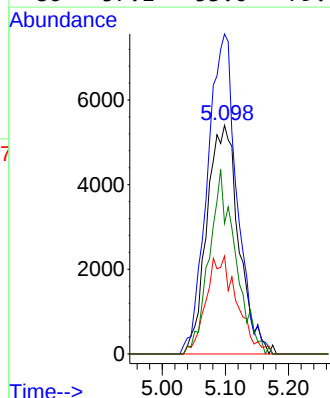
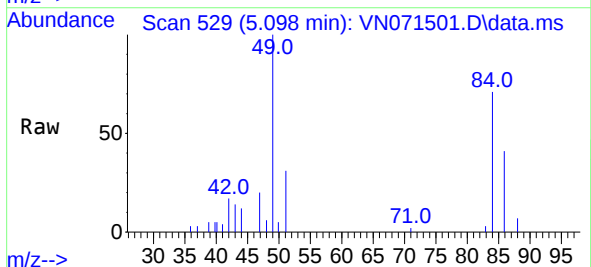
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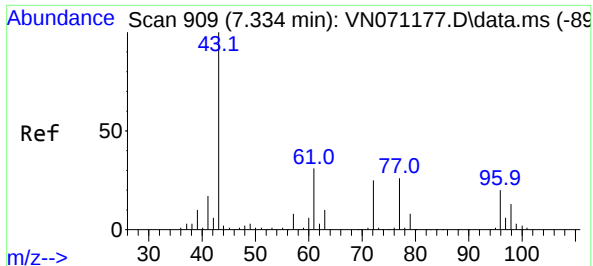
Tgt Ion: 43 Resp: 20611
Ion Ratio Lower Upper
43 100
74 19.5 19.4 29.2



#20
Methylene Chloride
Concen: 2.366 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 84 Resp: 18897
Ion Ratio Lower Upper
84 100
49 139.9 93.5 140.3
51 42.8 29.4 44.2
86 57.1 53.0 79.4





#25

2-Butanone

Concen: 2.612 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.000 min

Lab File: VN071501.D

Acq: 23 Mar 2022 06:37

Instrument :

MSVOA_N

ClientSampleId :

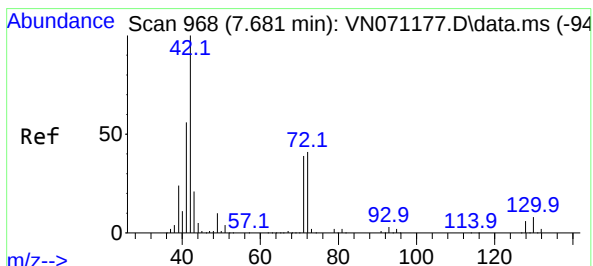
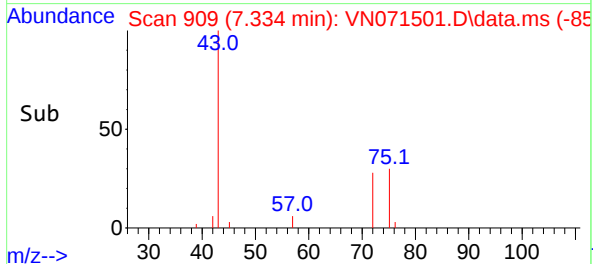
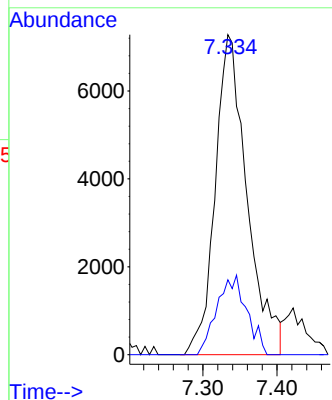
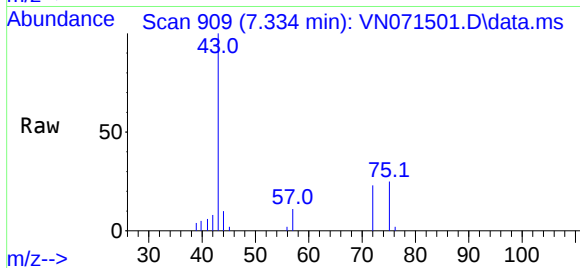
C-19-18-19

Tgt Ion: 43 Resp: 21763

Ion Ratio Lower Upper

43 100

72 23.4 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.352 ug/l

RT: 7.698 min Scan# 971

Delta R.T. 0.018 min

Lab File: VN071501.D

Acq: 23 Mar 2022 06:37

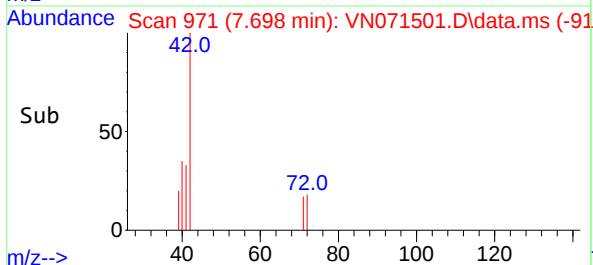
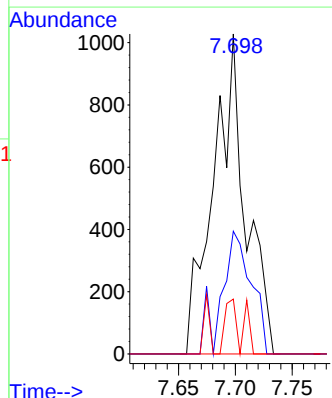
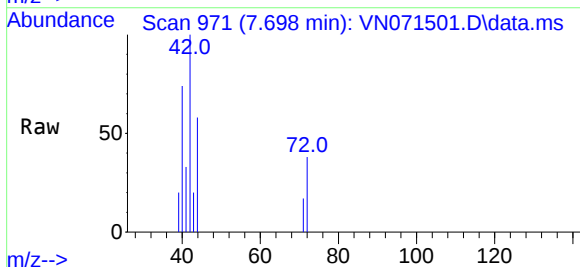
Tgt Ion: 42 Resp: 2031

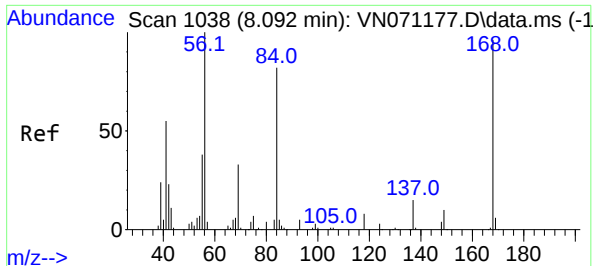
Ion Ratio Lower Upper

42 100

72 35.4 36.3 54.5#

71 8.9 34.7 52.1#

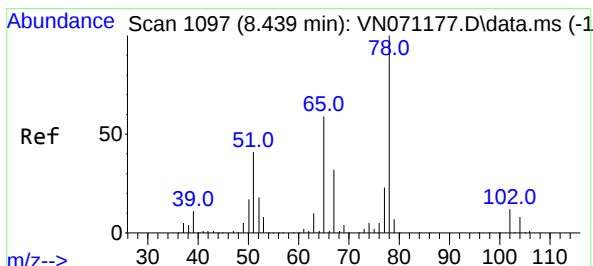
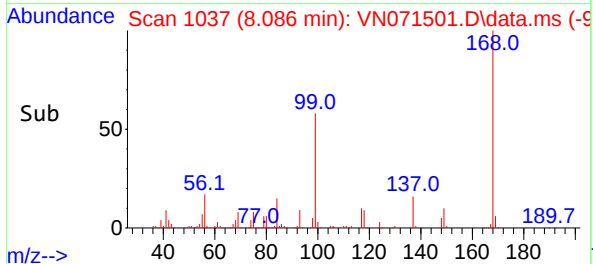
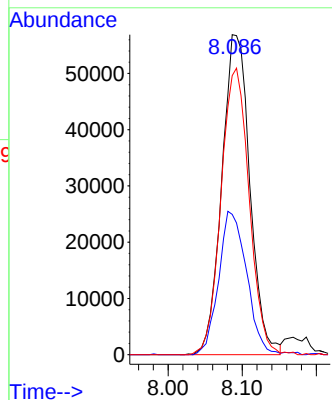
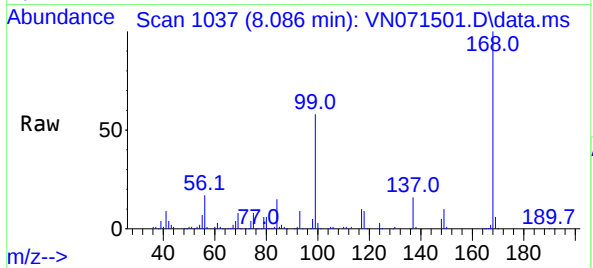




#31
Cyclohexane
Concen: 8.828 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

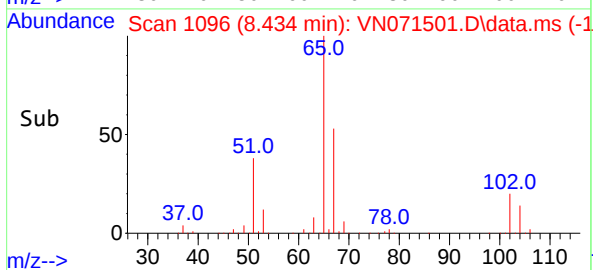
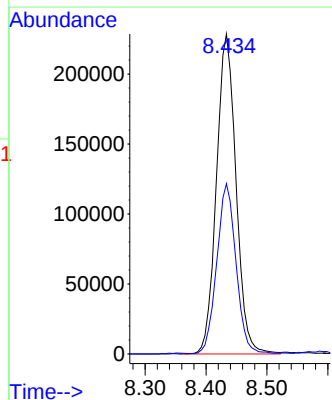
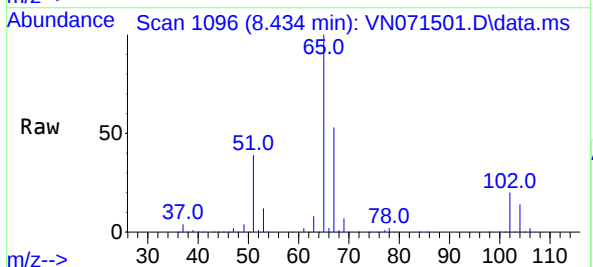
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

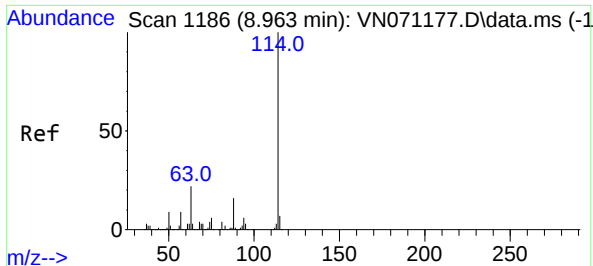
Tgt Ion: 56 Resp: 149839
Ion Ratio Lower Upper
56 100
69 43.9 27.1 40.7#
84 87.2 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 48.010 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 65 Resp: 510272
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

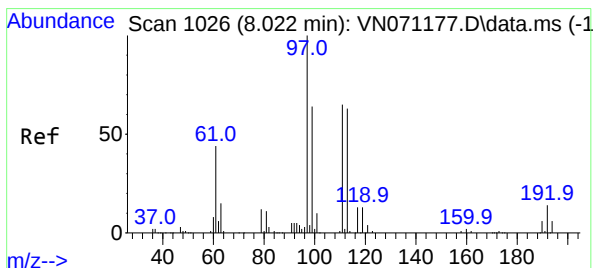
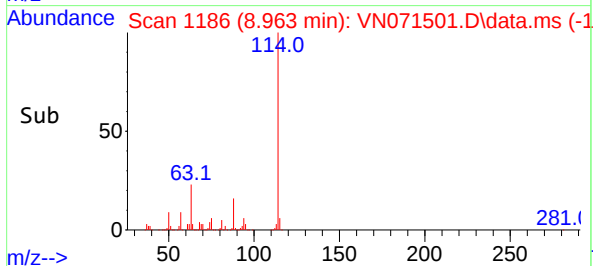
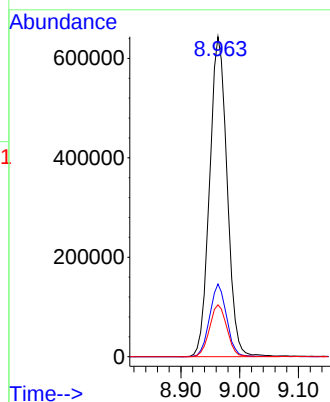
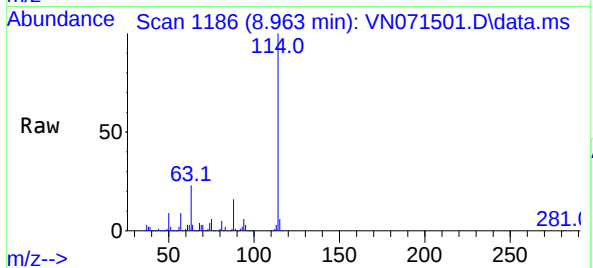




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

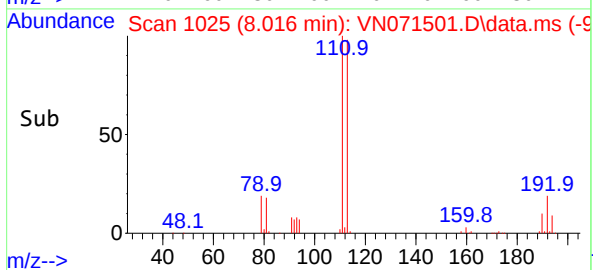
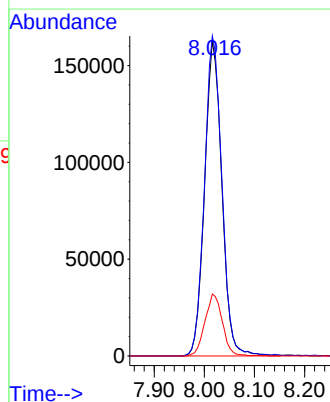
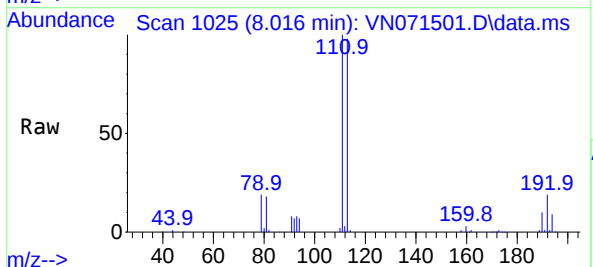
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

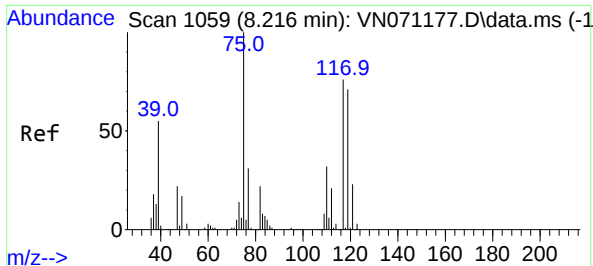
Tgt Ion:114 Resp: 1333264
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.234 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:113 Resp: 388982
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.8 16.9 25.3

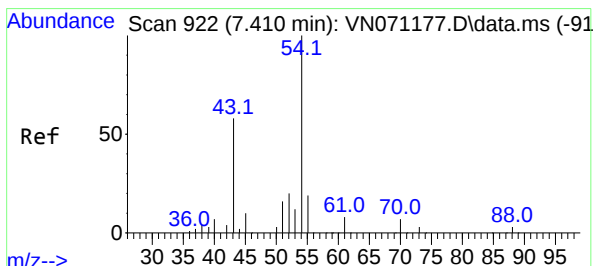
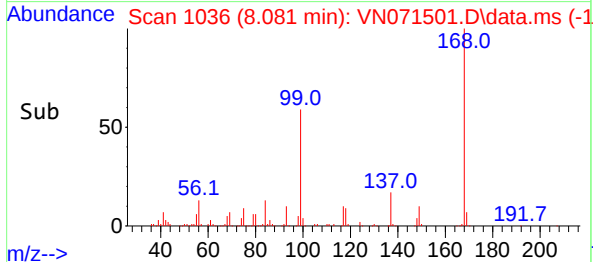
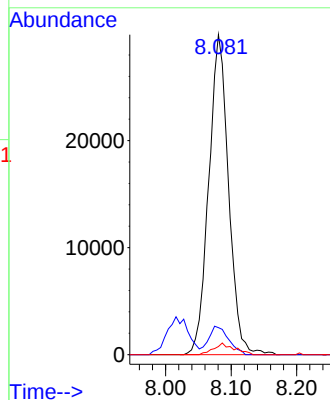
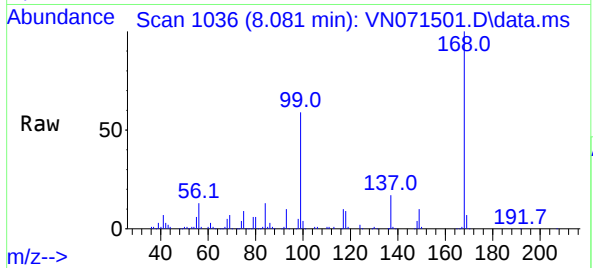




#36
1,1-Dichloropropene
Concen: 4.659 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

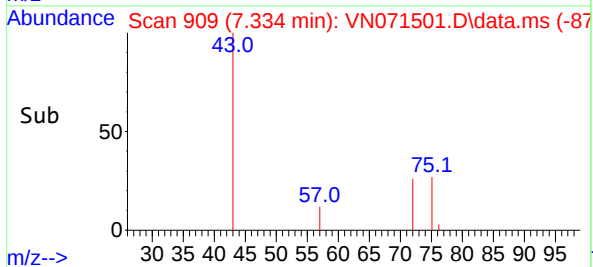
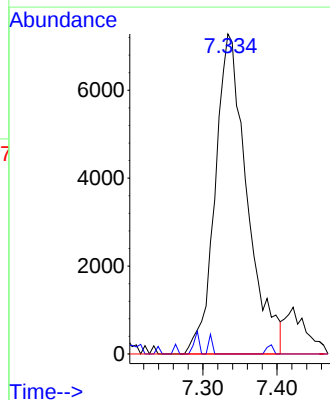
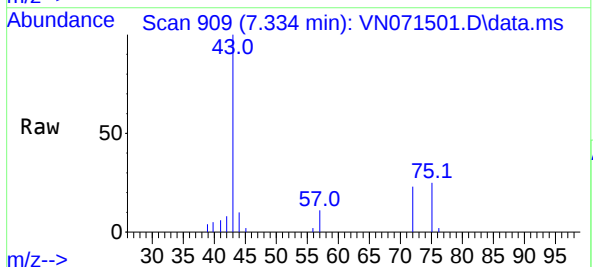
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

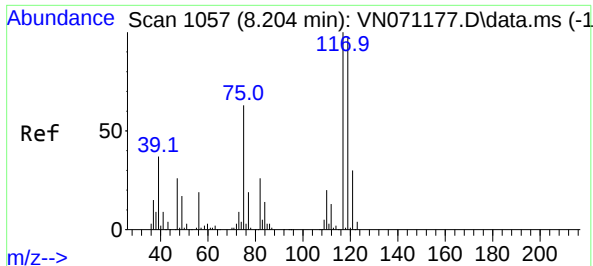
Tgt Ion: 75 Resp: 62806
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 3.7 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.173 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.076 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 43 Resp: 21763
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#

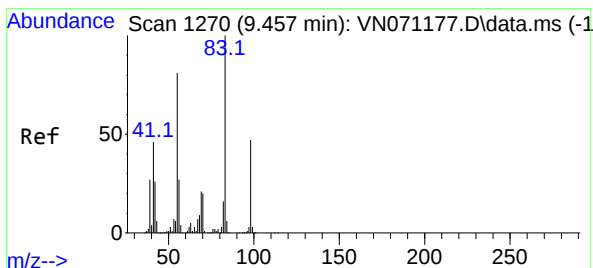
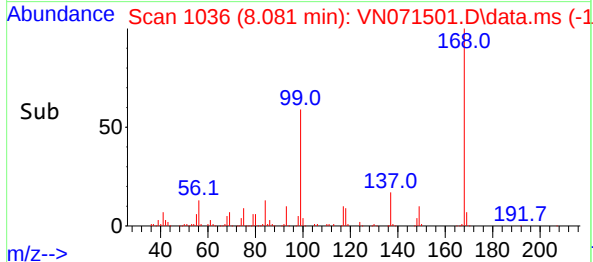
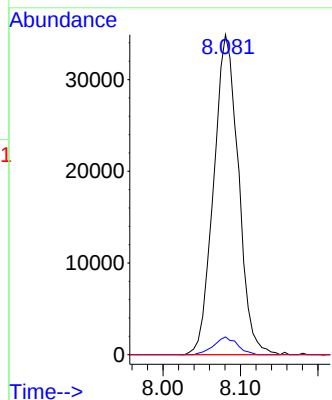
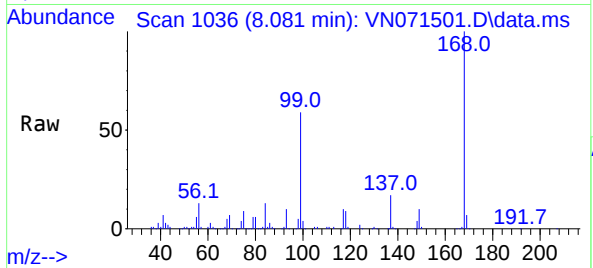




#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

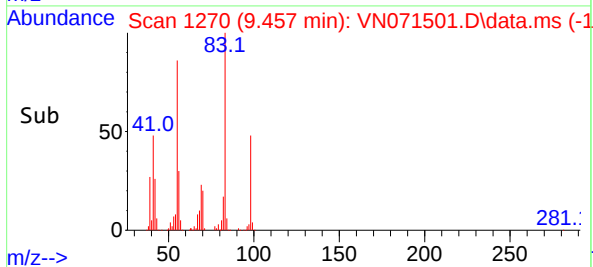
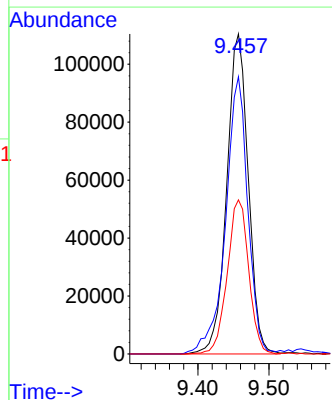
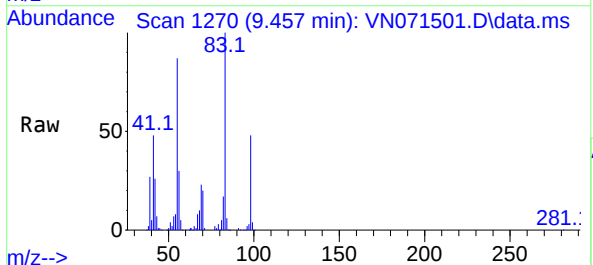
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

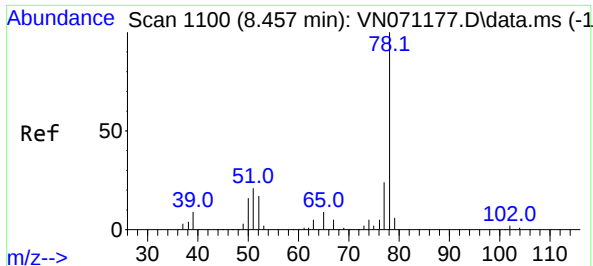
Tgt Ion:117 Resp: 77620
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 14.659 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 83 Resp: 232455
Ion Ratio Lower Upper
83 100
55 86.6 58.1 87.1
98 48.1 38.4 57.6

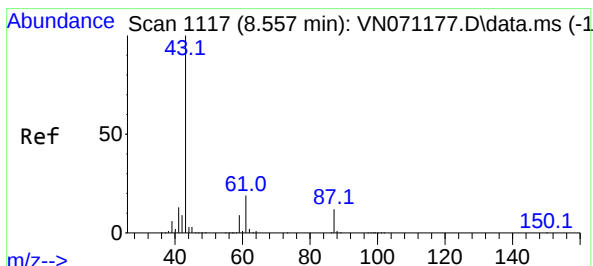
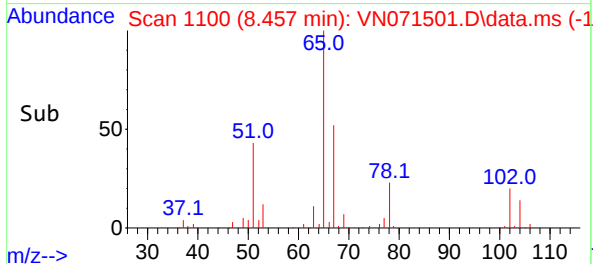
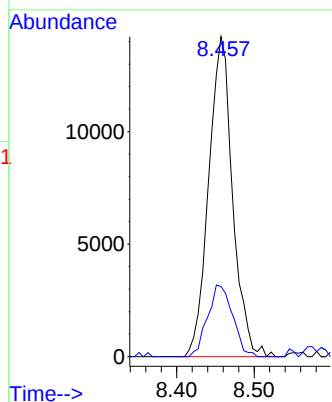
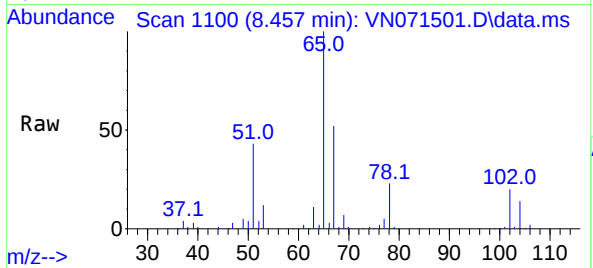




#40
Benzene
Concen: 0.751 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

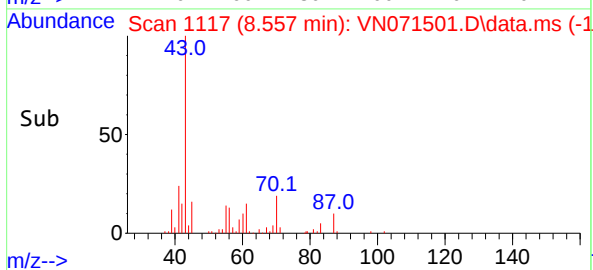
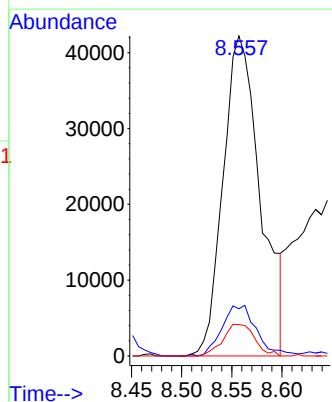
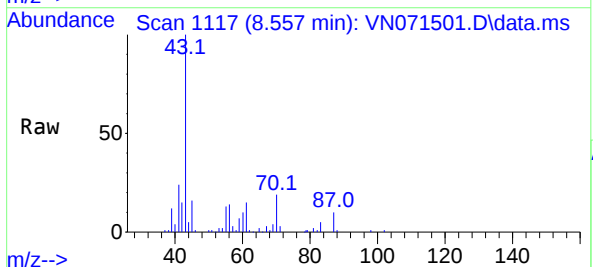
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

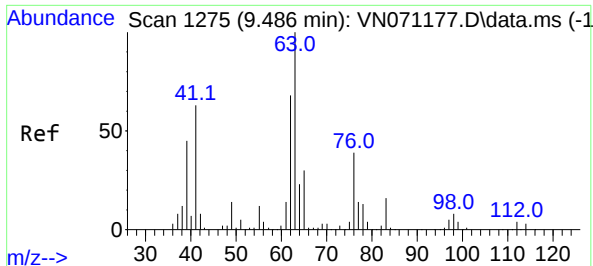
Tgt Ion: 78 Resp: 30495
Ion Ratio Lower Upper
78 100
77 22.0 18.6 27.8



#43
Isopropyl Acetate
Concen: 3.943 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 43 Resp: 109379
Ion Ratio Lower Upper
43 100
61 14.7 20.4 30.6#
87 8.4 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.244 ug/l

RT: 9.463 min Scan# 11

Delta R.T. -0.023 min

Lab File: VN071501.D

Acq: 23 Mar 2022 06:37

Instrument :

MSVOA_N

ClientSampleId :

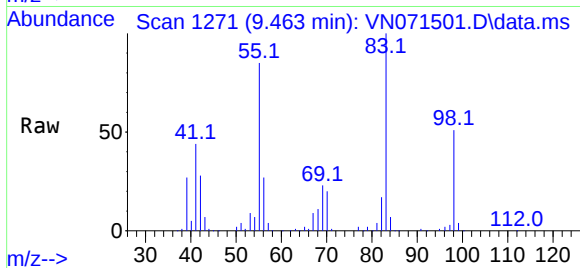
C-19-18-19

Tgt Ion: 63 Resp: 2658

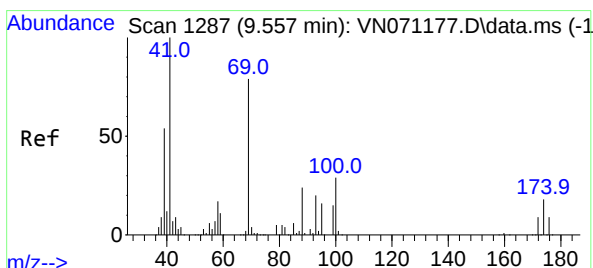
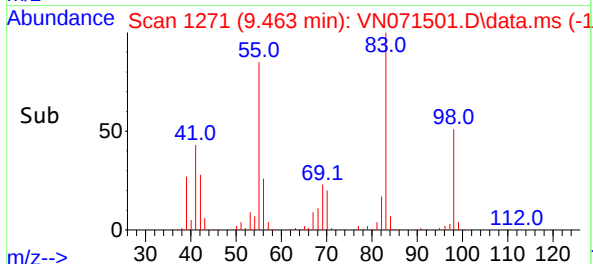
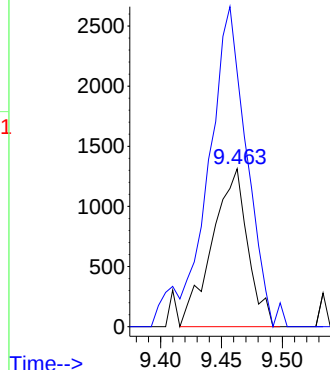
Ion Ratio Lower Upper

63 100

65 146.1 24.7 37.1#



Abundance



#48

Methyl methacrylate

Concen: 1.846 ug/l

RT: 9.539 min Scan# 1284

Delta R.T. -0.018 min

Lab File: VN071501.D

Acq: 23 Mar 2022 06:37

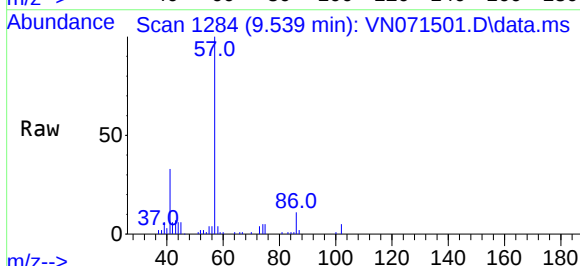
Tgt Ion: 41 Resp: 23731

Ion Ratio Lower Upper

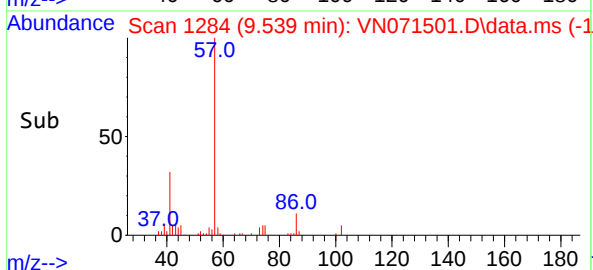
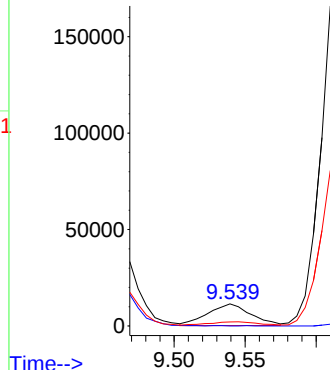
41 100

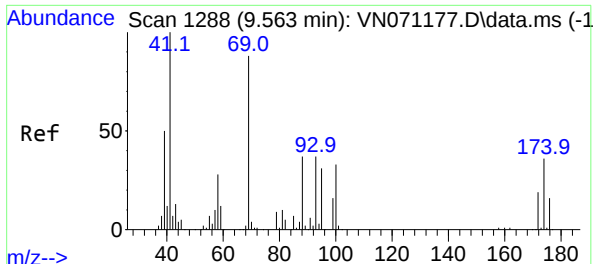
69 0.0 72.4 108.6#

39 0.0 58.4 87.6#



Abundance

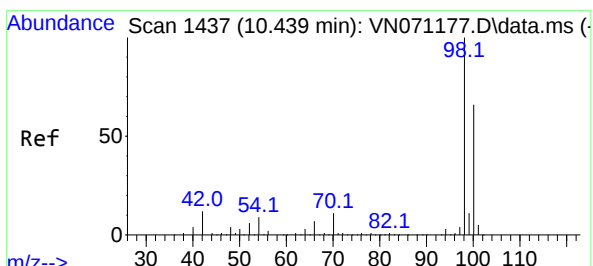
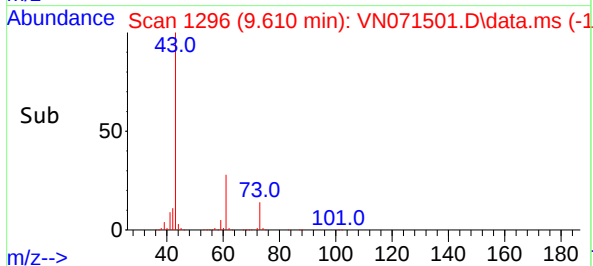
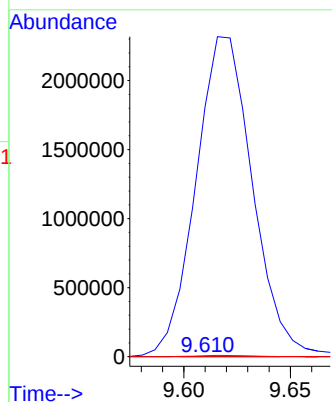
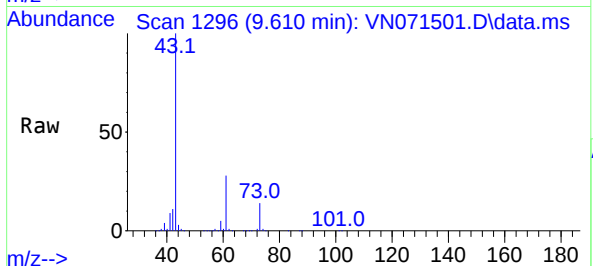




#49
1,4-Dioxane
Concen: 2.260 ug/l
RT: 9.610 min Scan# 1296
Delta R.T. 0.047 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

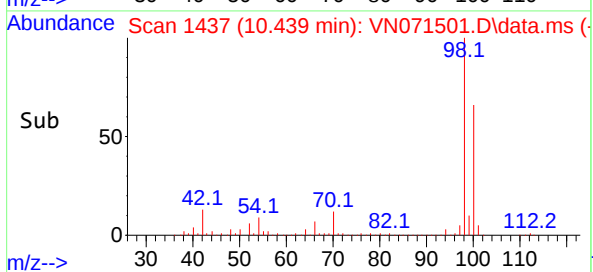
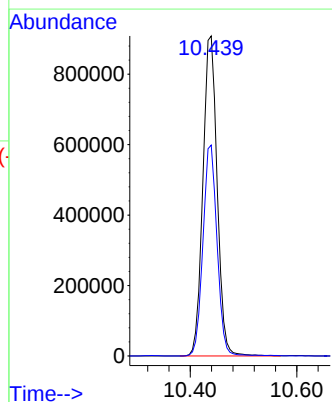
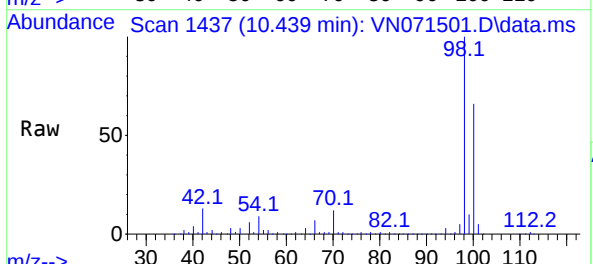
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

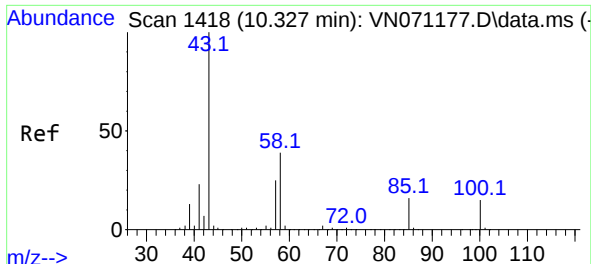
Tgt Ion: 88 Resp: 505
Ion Ratio Lower Upper
88 100
43 863702.4 23.4 35.2#
58 3224.6 50.6 75.8#



#50
Toluene-d8
Concen: 49.845 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 98 Resp: 1688478
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6

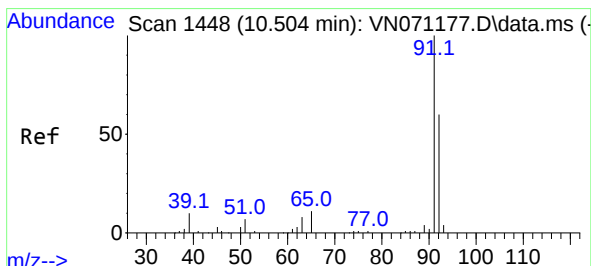
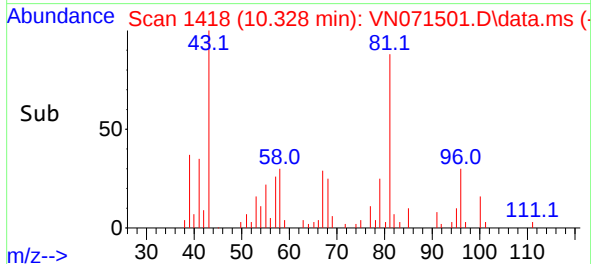
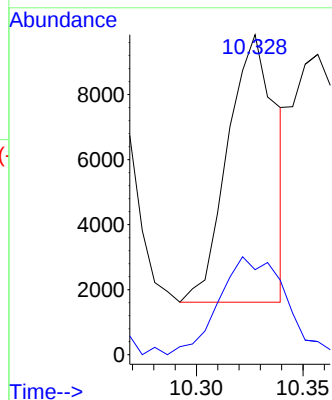
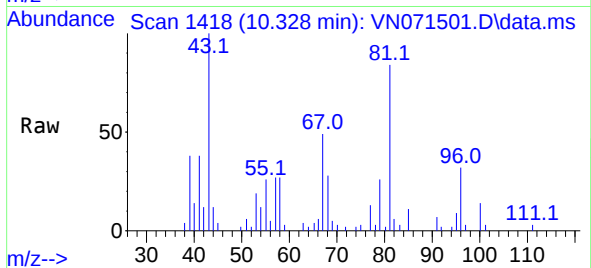




#51
4-Methyl-2-Pentanone
Concen: 0.756 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

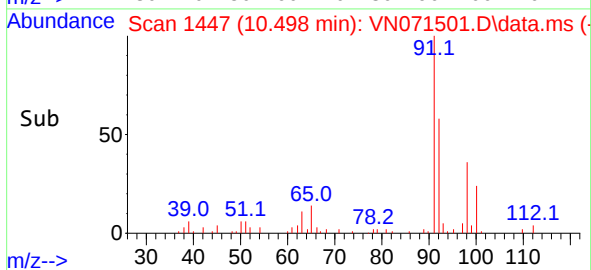
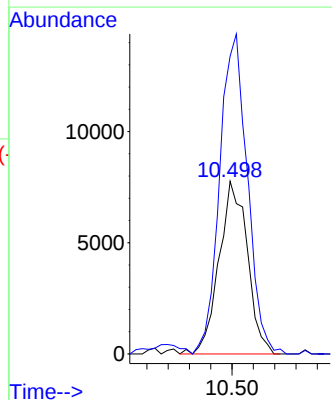
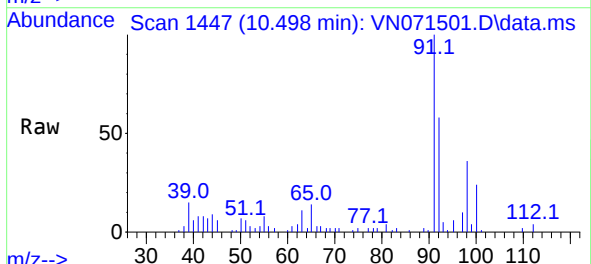
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

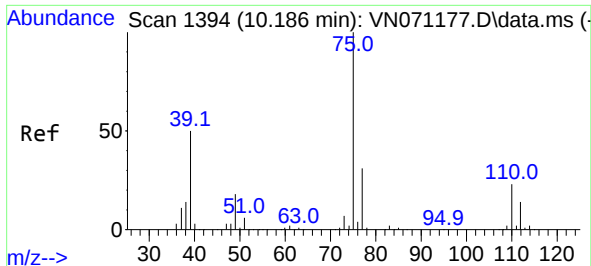
Tgt Ion: 43 Resp: 13019
Ion Ratio Lower Upper
43 100
58 50.1 30.4 45.6#



#52
Toluene
Concen: 0.573 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 92 Resp: 14338
Ion Ratio Lower Upper
92 100
91 180.9 142.0 213.0

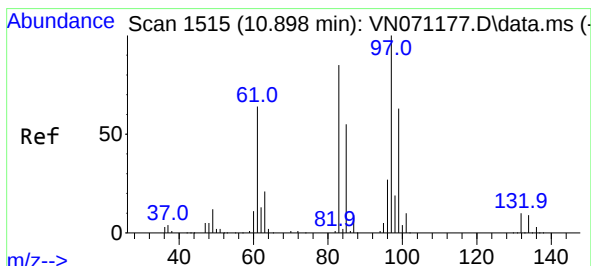
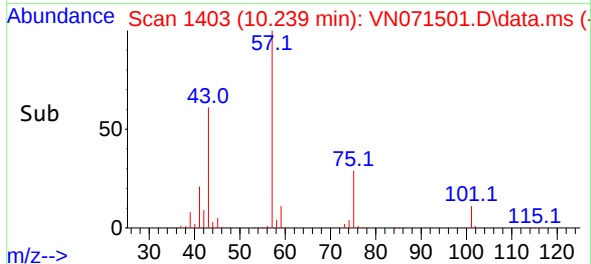
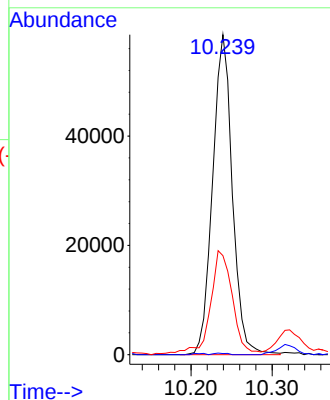
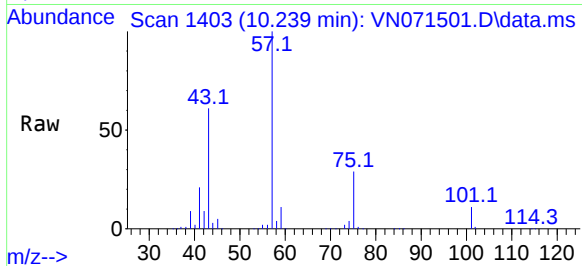




#54
cis-1,3-Dichloropropene
Concen: 6.048 ug/l
RT: 10.239 min Scan# 14
Delta R.T. 0.053 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

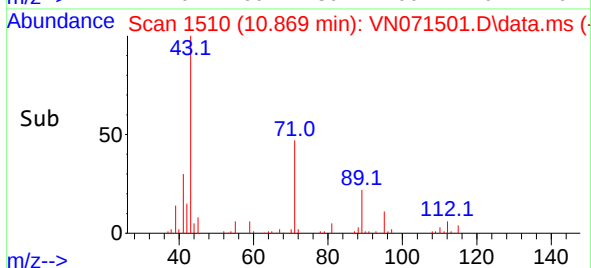
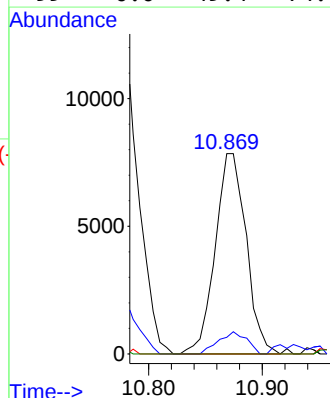
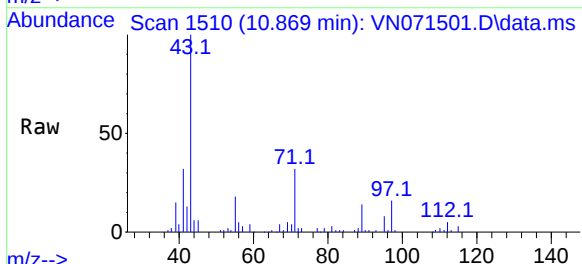
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

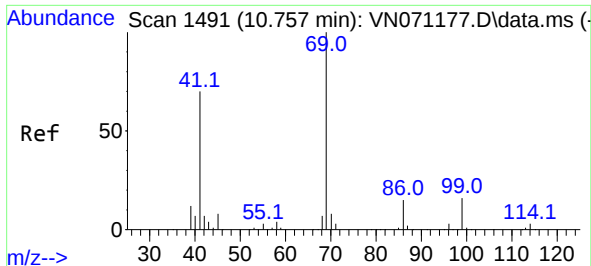
Tgt Ion: 75 Resp: 98788
Ion Ratio Lower Upper
75 100
77 0.3 26.4 39.6#
39 29.7 42.5 63.7#



#55
1,1,2-Trichloroethane
Concen: 1.481 ug/l
RT: 10.869 min Scan# 1510
Delta R.T. -0.029 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 97 Resp: 14842
Ion Ratio Lower Upper
97 100
83 8.3 67.8 101.6#
85 0.0 45.4 68.2#
99 0.0 49.4 74.0#

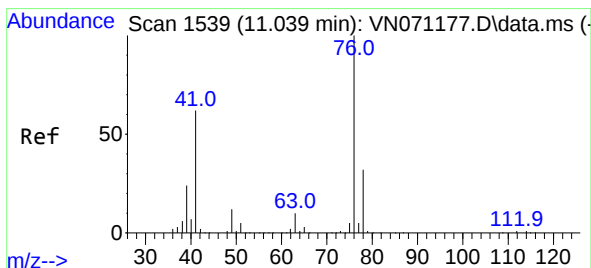
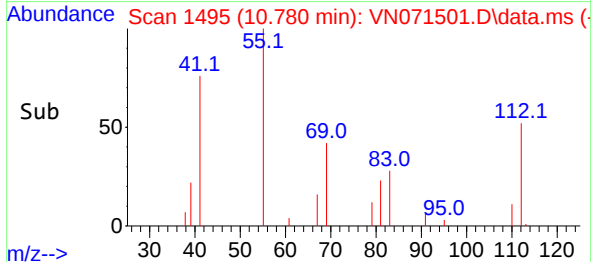
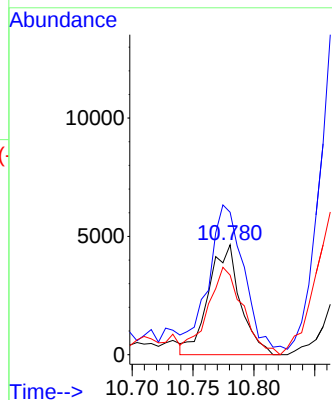
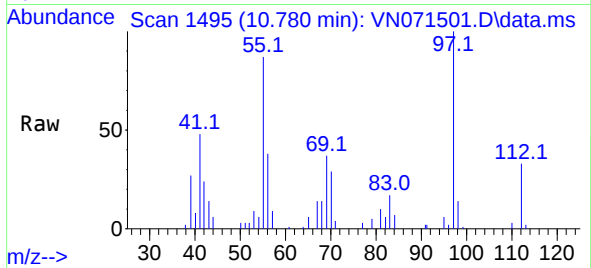




#56
Ethyl methacrylate
Concen: 0.514 ug/l
RT: 10.780 min Scan# 1495
Delta R.T. 0.023 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

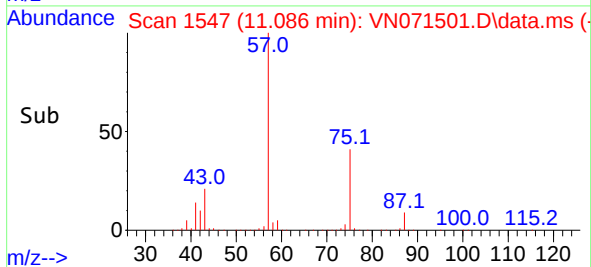
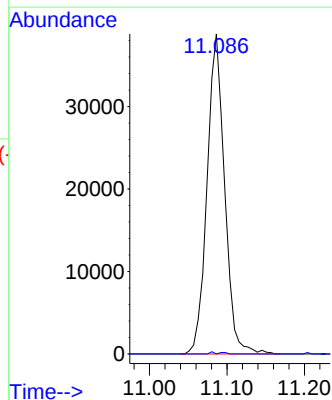
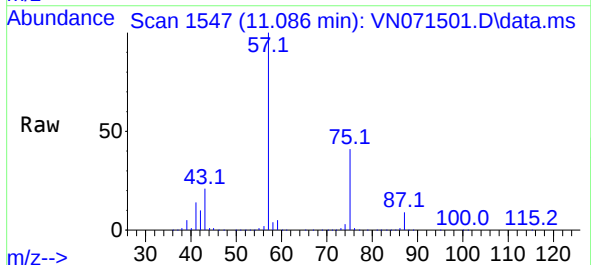
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

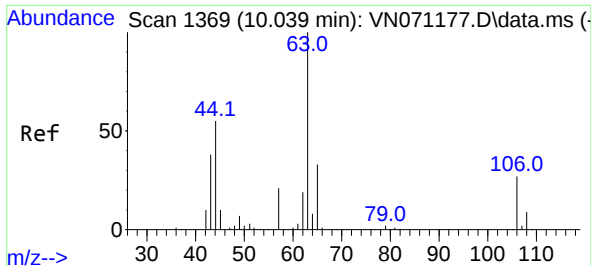
Tgt Ion: 69 Resp: 8418
Ion Ratio Lower Upper
69 100
41 142.7 51.4 77.0#
39 87.9 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 3.401 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 76 Resp: 61170
Ion Ratio Lower Upper
76 100
78 0.2 25.7 38.5#

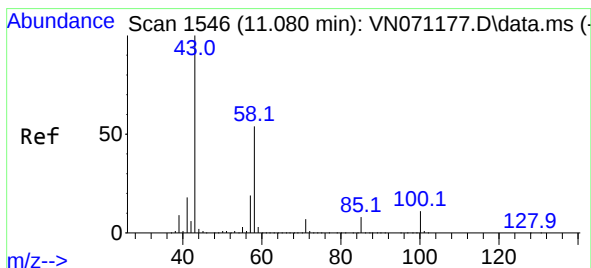
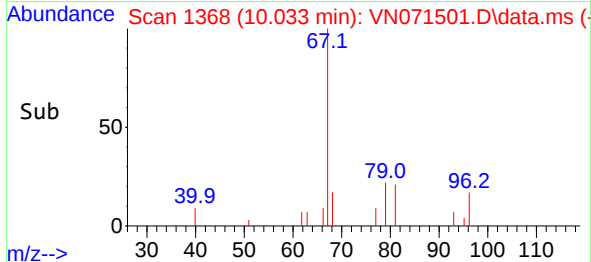
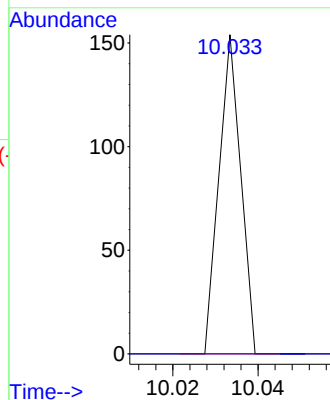
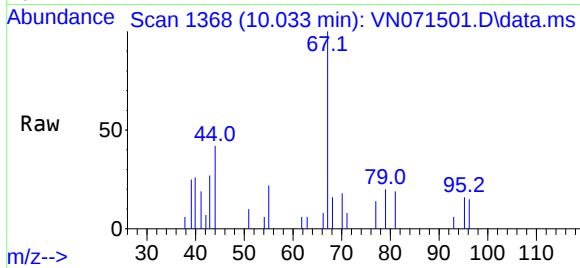




#58
2-Chloroethyl Vinyl ether
Concen: 27.879 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

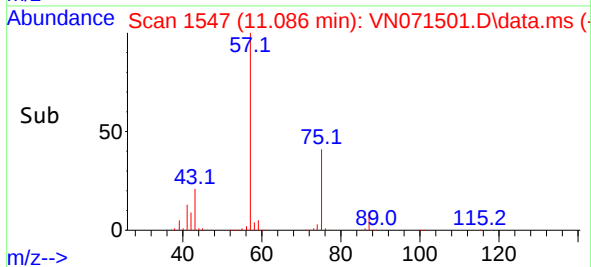
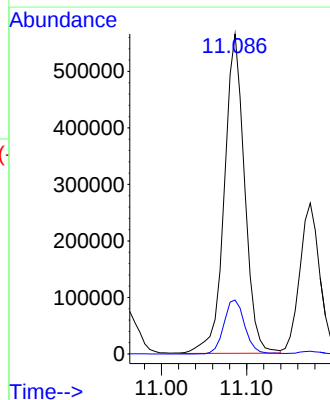
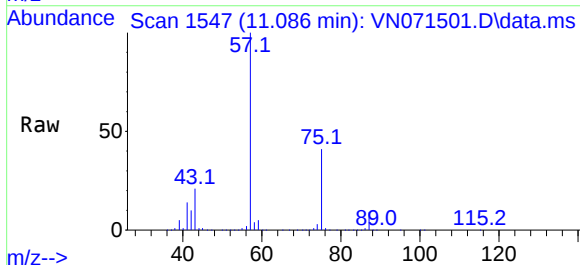
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

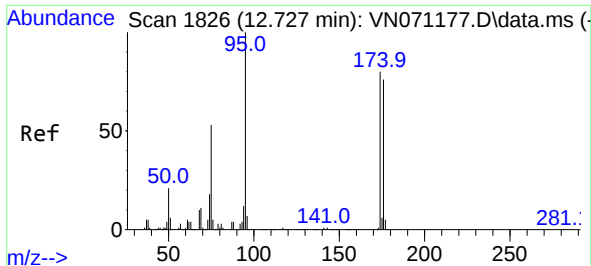
Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 79.471 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 43 Resp: 933586
Ion Ratio Lower Upper
43 100
58 17.5 26.9 80.7#

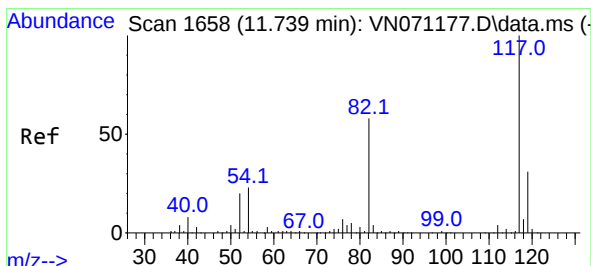
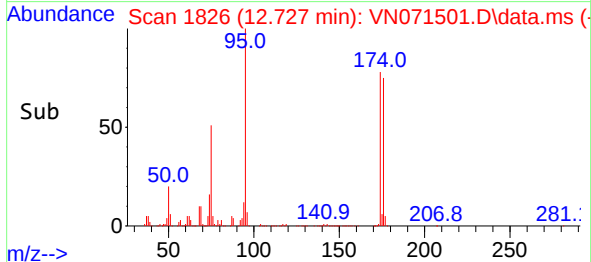
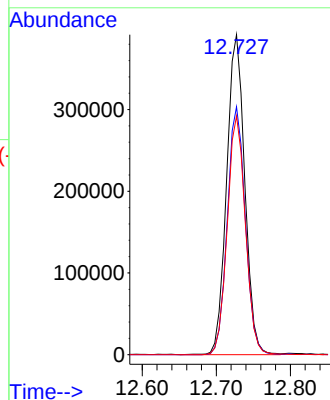
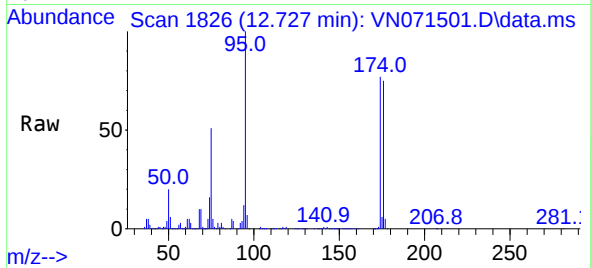




#62
4-Bromofluorobenzene
Concen: 57.961 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

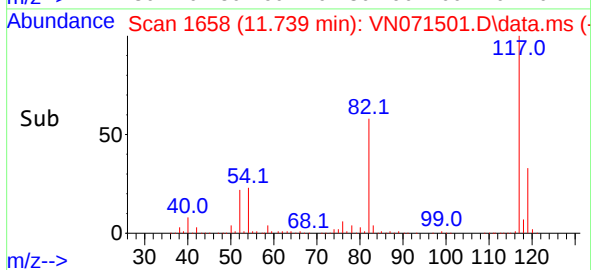
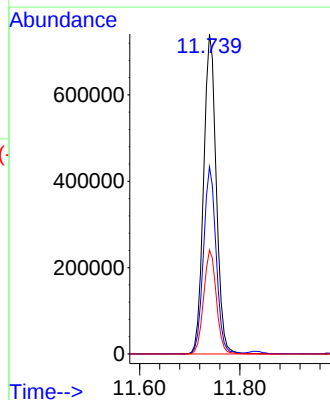
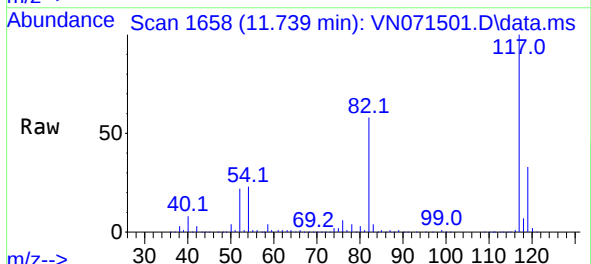
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

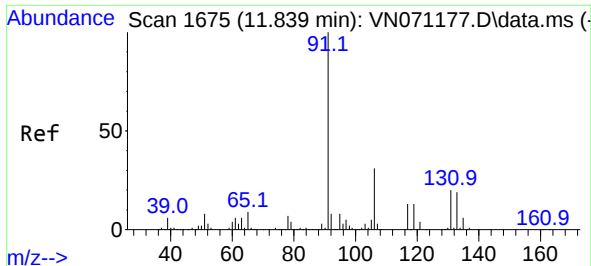
Tgt Ion: 95 Resp: 664862
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 74.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 117 Resp: 1297685
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.5 25.4 38.2

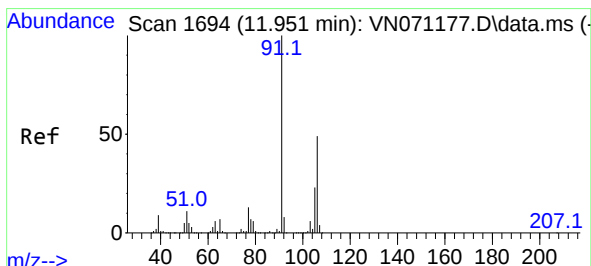
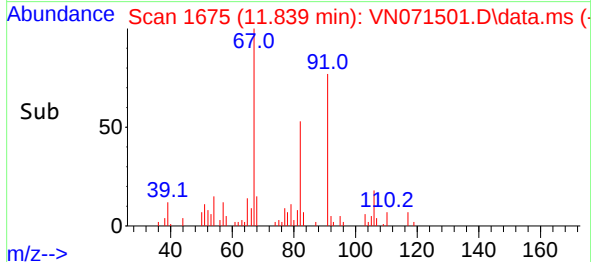
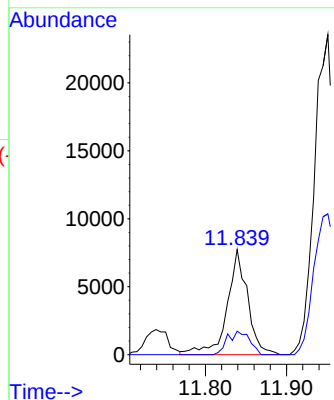
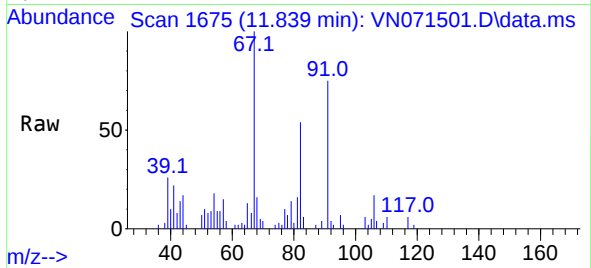




#67
Ethyl Benzene
Concen: 0.276 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

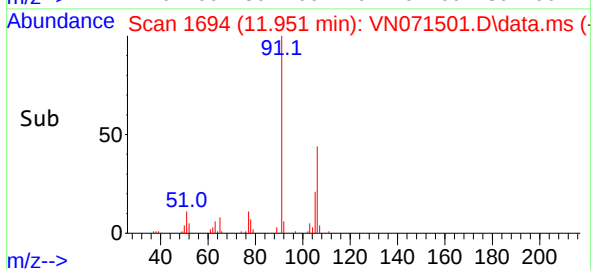
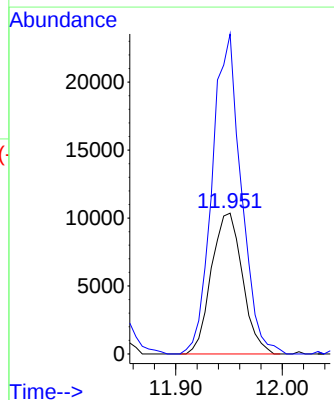
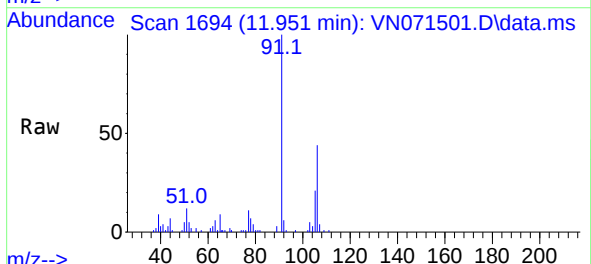
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

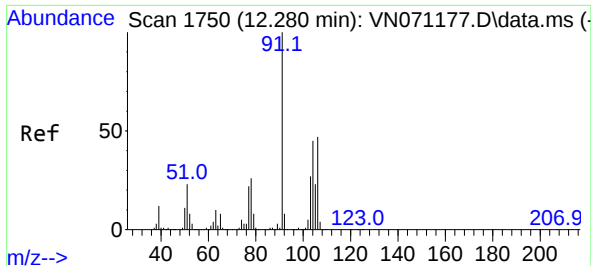
Tgt Ion: 91 Resp: 13599
Ion Ratio Lower Upper
91 100
106 22.4 25.7 38.5#



#68
m/p-Xylenes
Concen: 1.165 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 106 Resp: 21007
Ion Ratio Lower Upper
106 100
91 212.5 160.6 240.8

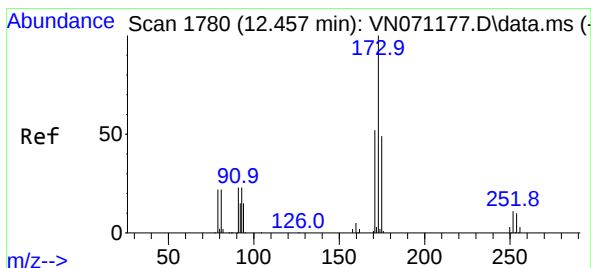
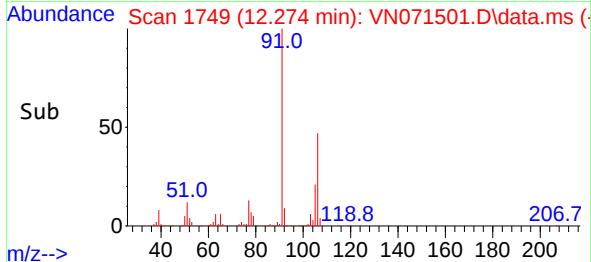
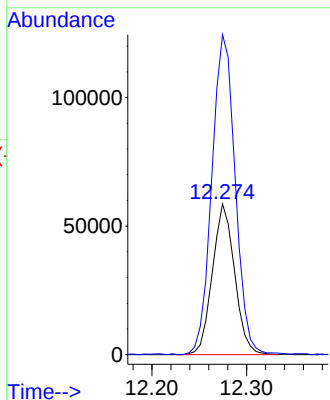
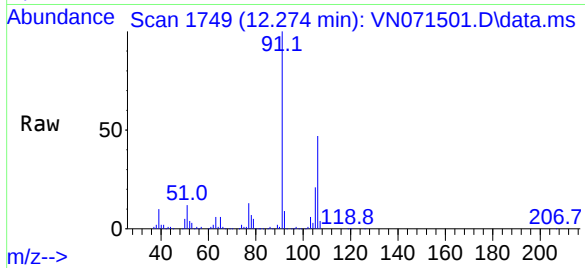




#69
o-Xylene
Concen: 5.292 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

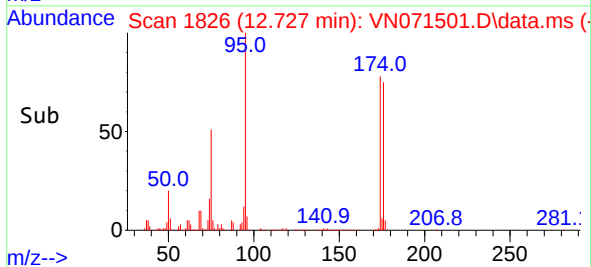
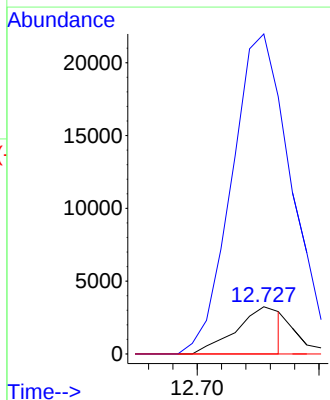
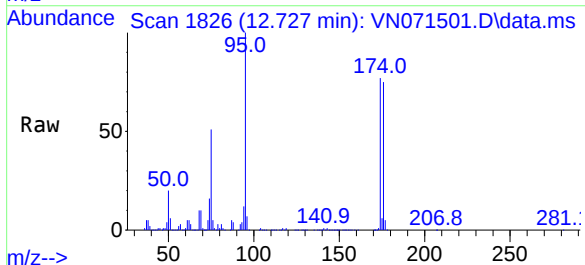
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

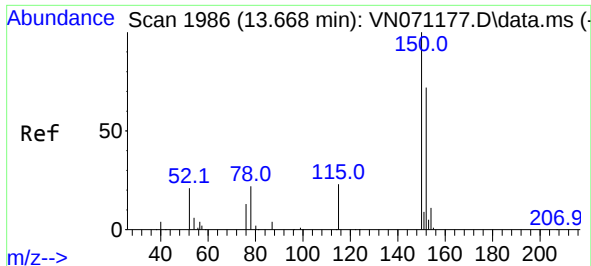
Tgt Ion:106 Resp: 95618
Ion Ratio Lower Upper
106 100
91 223.7 105.8 317.3



#71
Bromoform
Concen: 0.535 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:173 Resp: 4155
Ion Ratio Lower Upper
173 100
175 717.6 24.2 72.6#
254 0.0 0.0 0.0

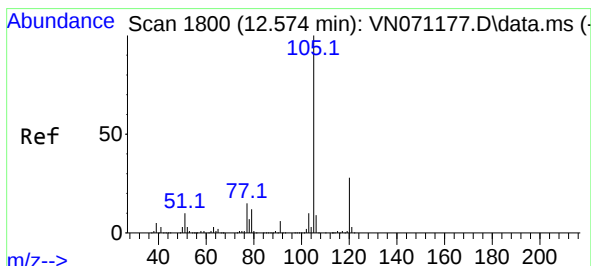
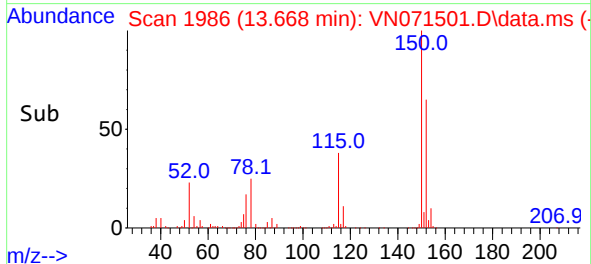
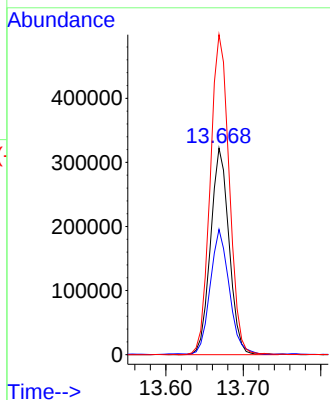
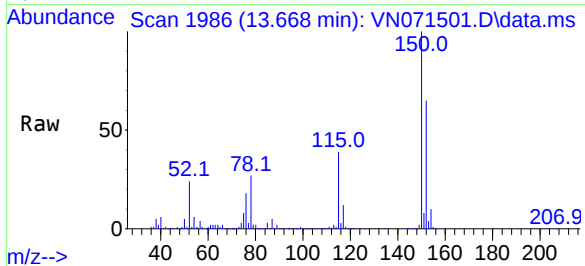




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

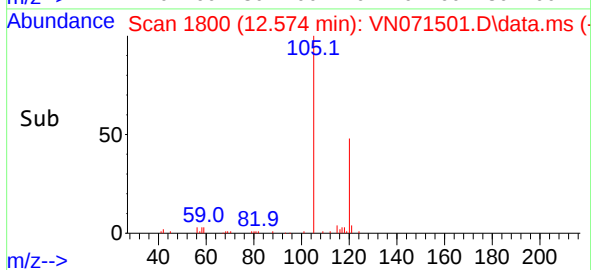
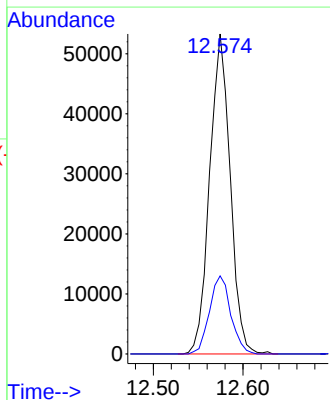
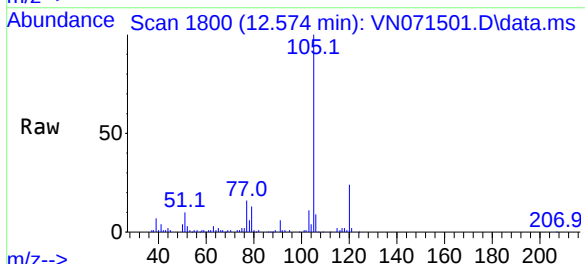
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

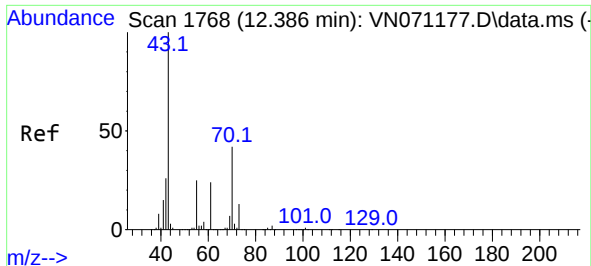
Tgt Ion:152 Resp: 535720
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 159.1 0.0 344.4



#73
Isopropylbenzene
Concen: 1.639 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:105 Resp: 84629
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

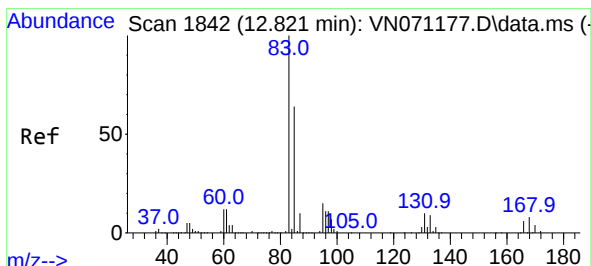
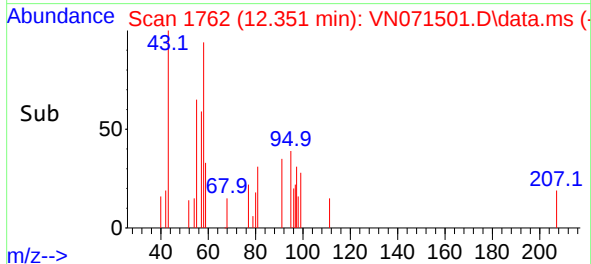
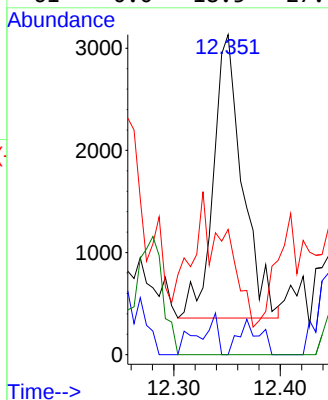
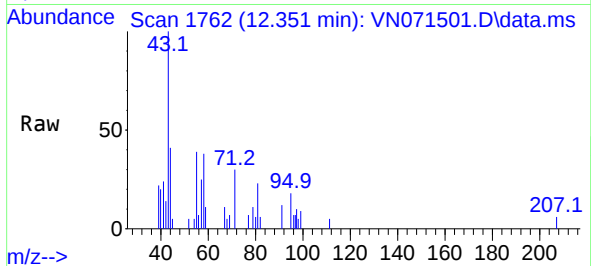




#74
N-amy1 acetate
Concen: 0.272 ug/l
RT: 12.351 min Scan# 1762
Delta R.T. -0.035 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

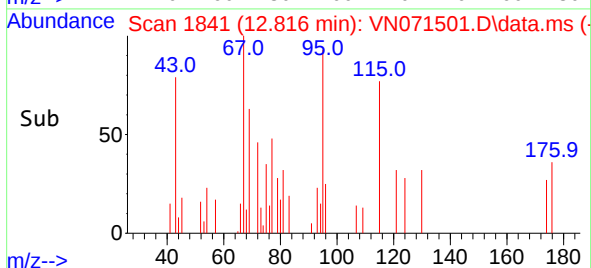
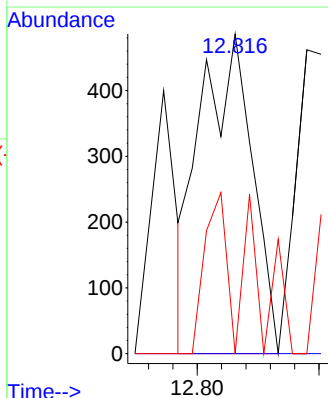
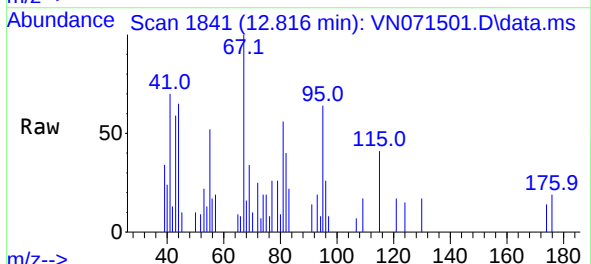
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

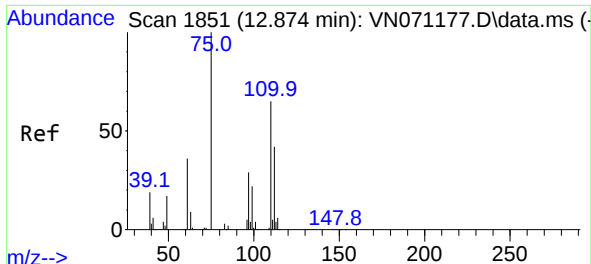
Tgt Ion: 43	Resp: 5281
Ion Ratio	Lower Upper
43 100	
70 4.3	33.4 50.0#
55 0.0	19.3 28.9#
61 0.0	18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.816 min Scan# 1841
Delta R.T. -0.005 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 83	Resp: 721
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.5#
85 21.1	32.4 97.2#

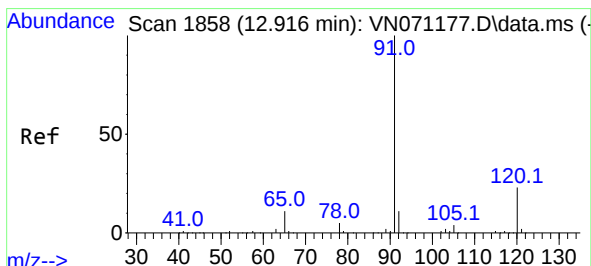
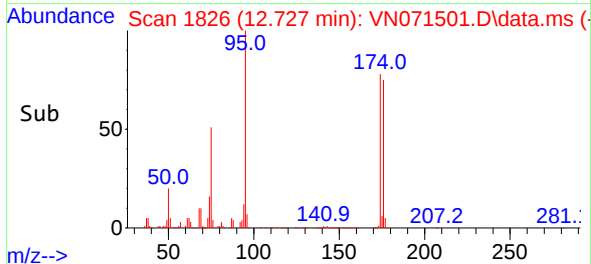
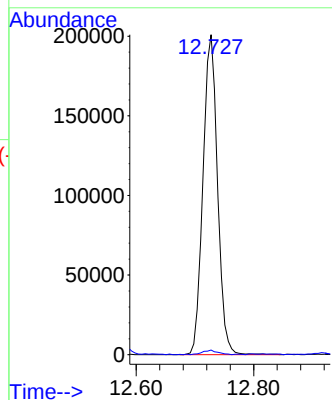
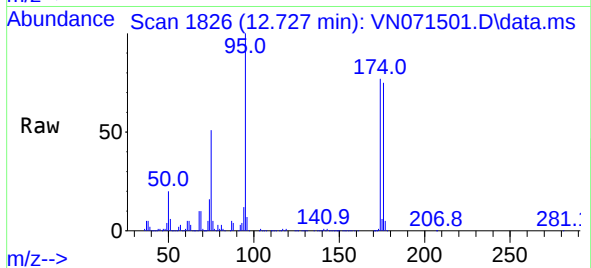




#76
1,2,3-Trichloropropane
Concen: 25.089 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

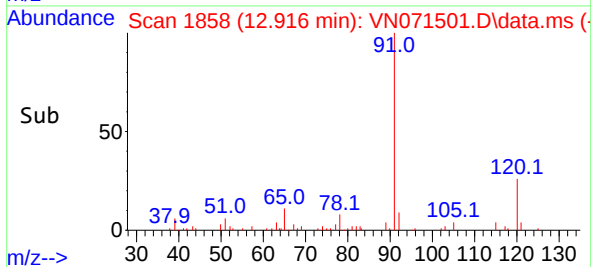
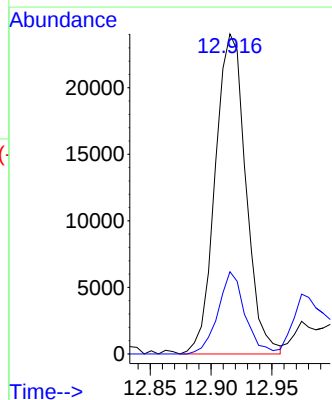
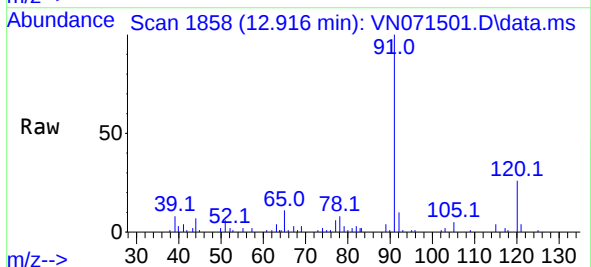
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

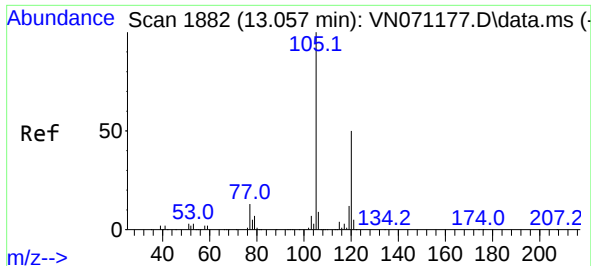
Tgt Ion: 75 Resp: 344011
Ion Ratio Lower Upper
75 100
77 1.5 82.6 247.8#



#78
n-propylbenzene
Concen: 0.760 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 91 Resp: 42107
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9

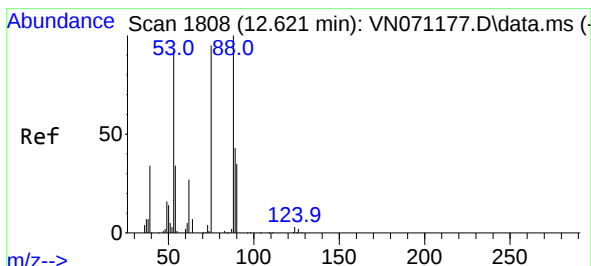
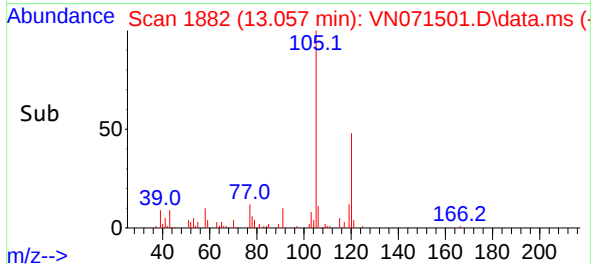
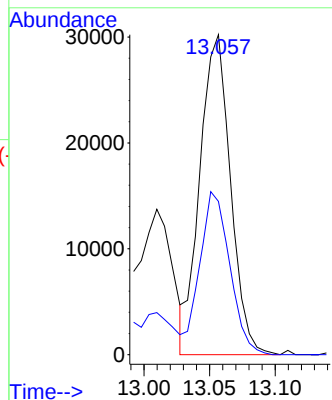
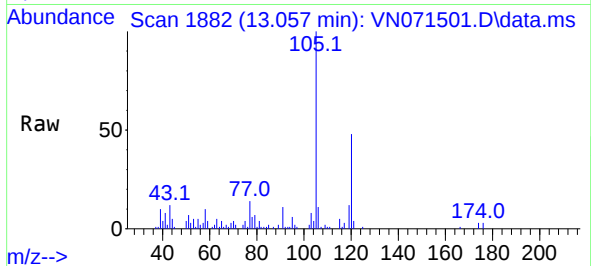




#80
1,3,5-Trimethylbenzene
Concen: 1.222 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

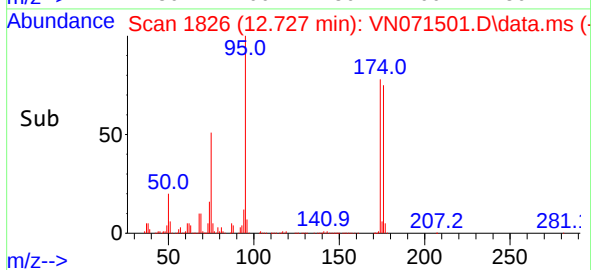
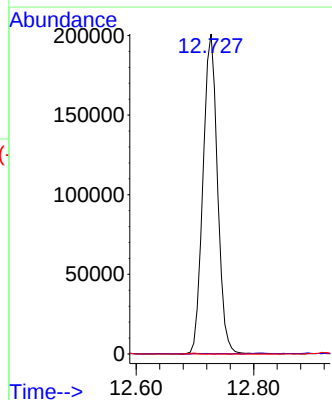
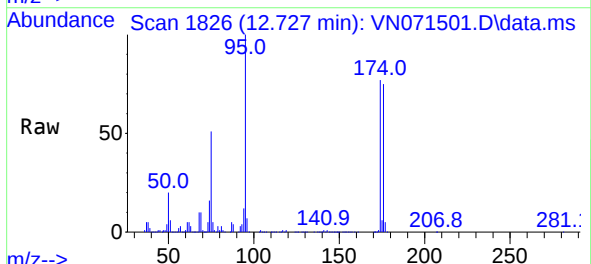
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

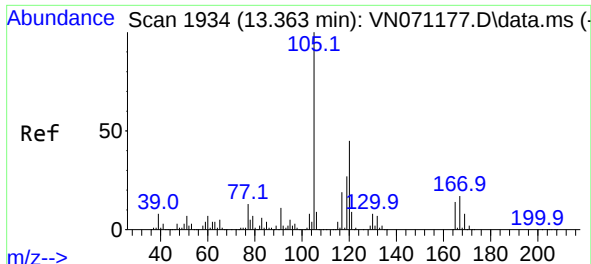
Tgt Ion:105 Resp: 49103
Ion Ratio Lower Upper
105 100
120 50.2 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 69.416 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 75 Resp: 344011
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

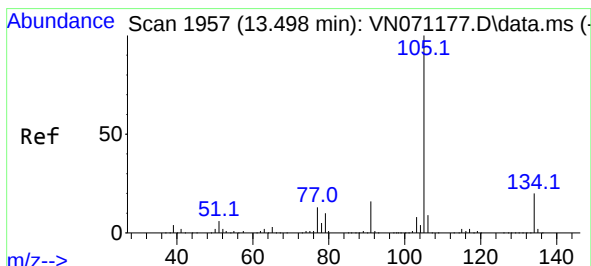
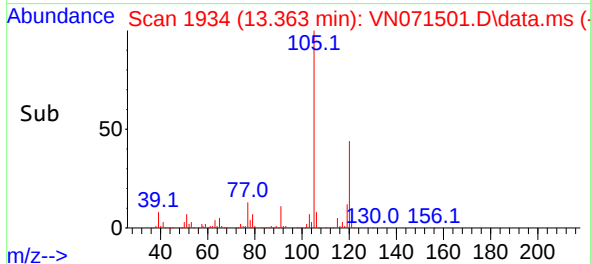
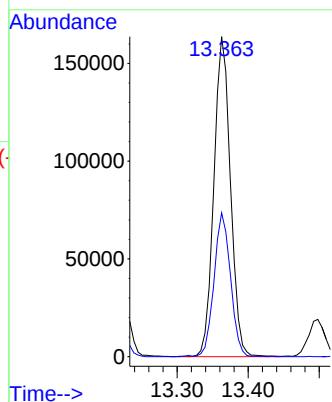
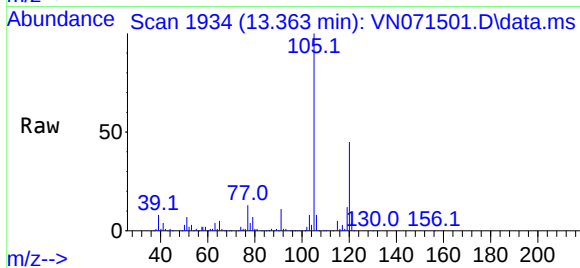




#84
1,2,4-Trimethylbenzene
Concen: 6.882 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

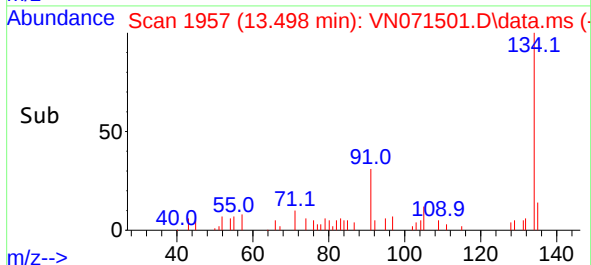
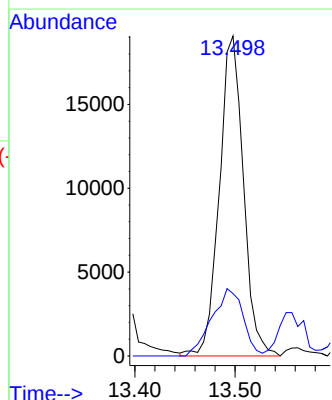
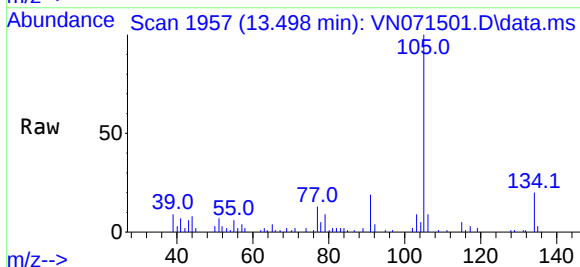
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

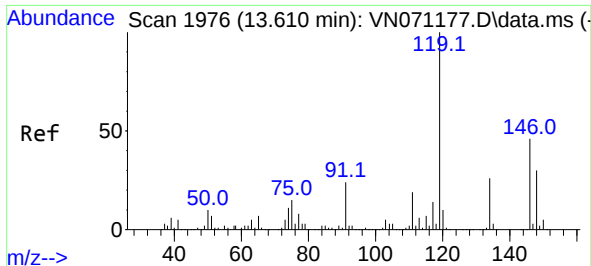
Tgt Ion:105 Resp: 264837
Ion Ratio Lower Upper
105 100
120 44.7 22.8 68.4



#85
sec-Butylbenzene
Concen: 0.668 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:105 Resp: 31818
Ion Ratio Lower Upper
105 100
134 27.3 10.4 31.1

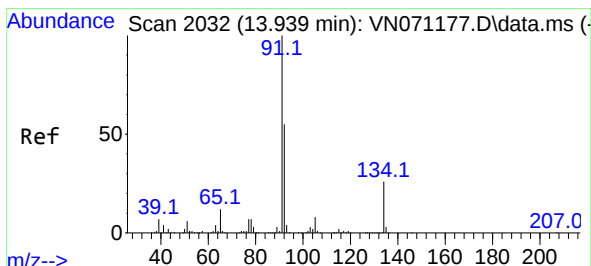
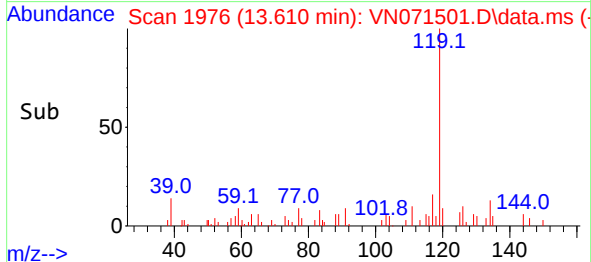
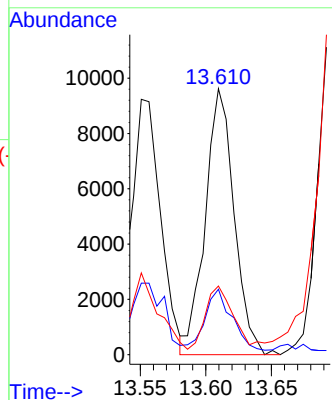
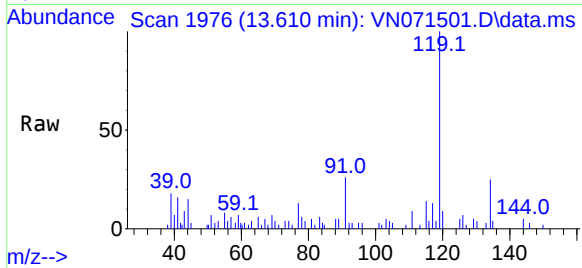




#86
p-Isopropyltoluene
Concen: 0.394 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

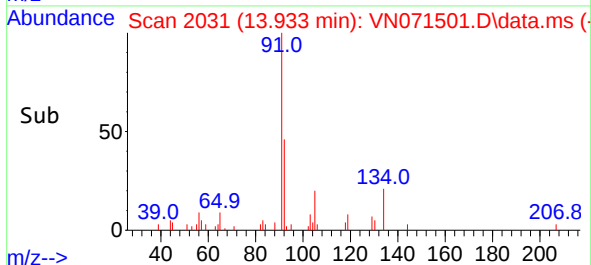
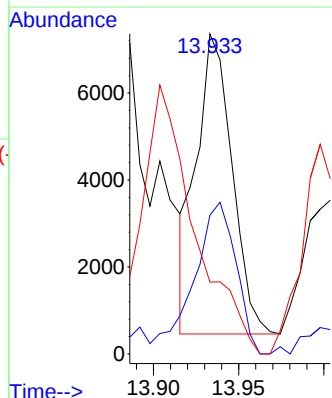
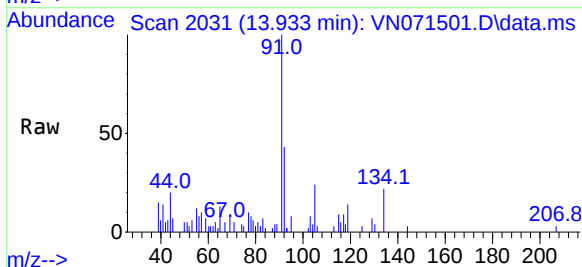
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

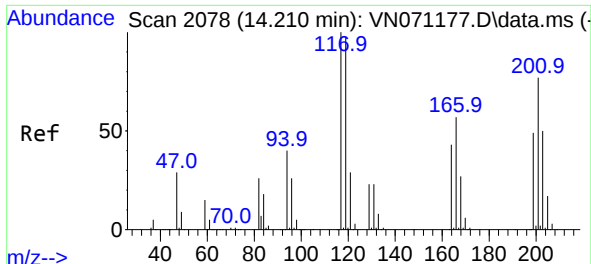
Tgt Ion:119 Resp: 14758
Ion Ratio Lower Upper
119 100
134 21.2 13.6 40.7
91 23.3 11.4 34.1



#89
n-Butylbenzene
Concen: 0.343 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion: 91 Resp: 10061
Ion Ratio Lower Upper
91 100
92 59.4 25.4 76.0
134 0.0 13.6 40.8#

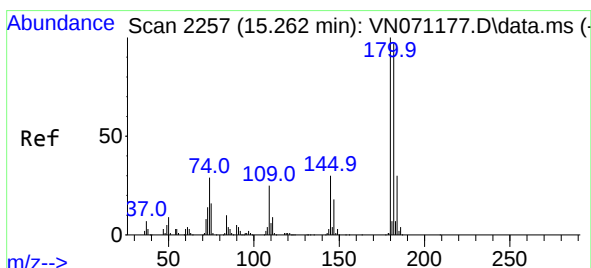
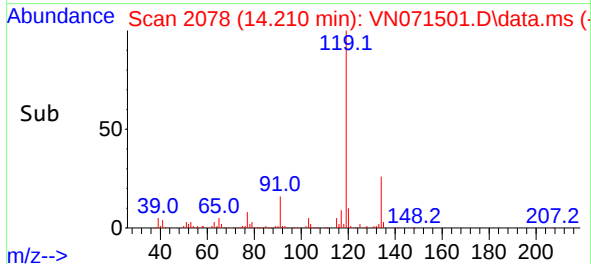
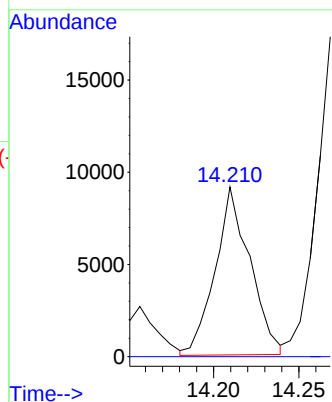
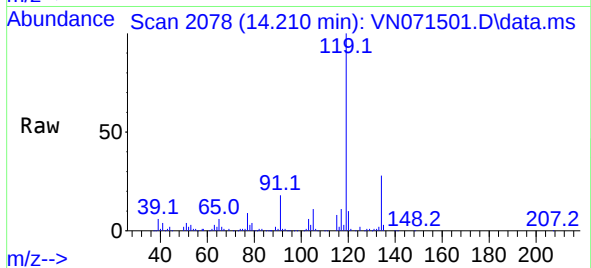




#90
Hexachloroethane
Concen: 1.735 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

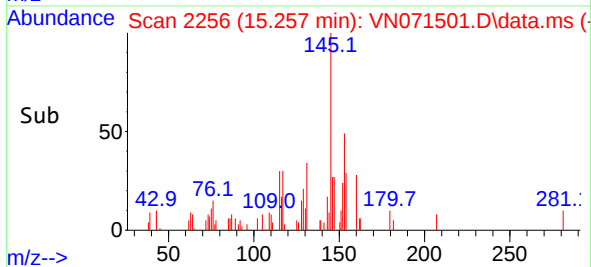
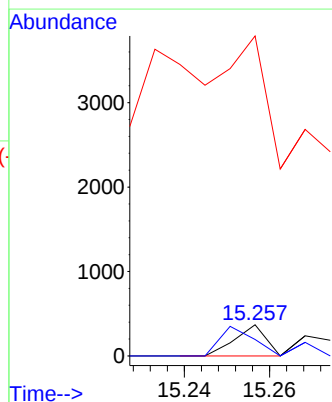
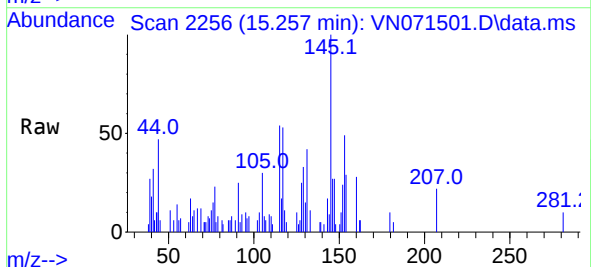
Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

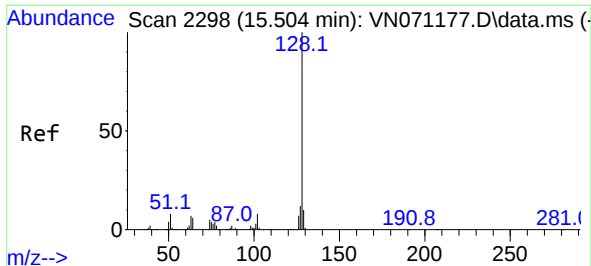
Tgt Ion:117 Resp: 12930
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#93
1,2,4-Trichlorobenzene
Concen: 3.009 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.005 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:180 Resp: 186
Ion Ratio Lower Upper
180 100
182 133.9 48.3 144.9
145 5102.2 14.5 43.5#

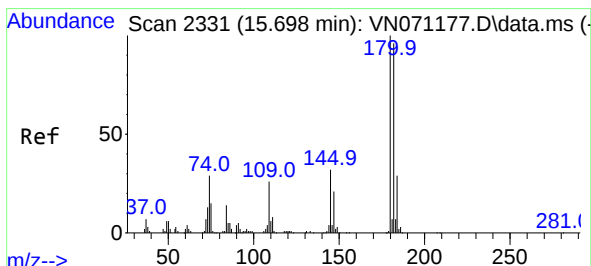
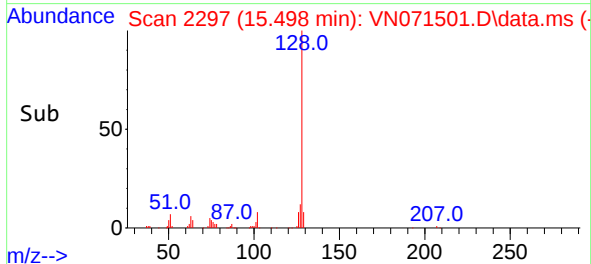
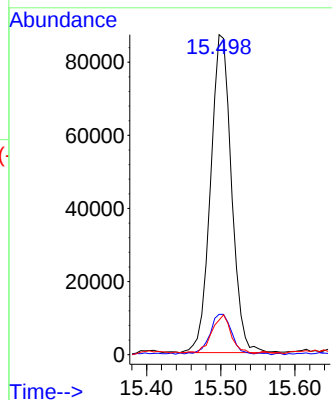
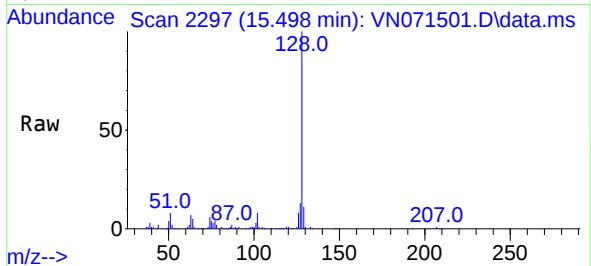




#95
Naphthalene
Concen: 11.308 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Instrument :
MSVOA_N
ClientSampleId :
C-19-18-19

Tgt Ion:128 Resp: 170529
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.751 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071501.D
Acq: 23 Mar 2022 06:37

Tgt Ion:180 Resp: 169
Ion Ratio Lower Upper
180 100
182 34.3 47.4 142.2#
145 0.0 15.0 45.1#

