

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071197.D
 Acq On : 08 Mar 2022 18:05
 Operator : JC\MD
 Sample : N1823-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 09 04:04:22 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	8.086	168	846676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1353352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1229804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	508797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	515038	44.384	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.760%
35) Dibromofluoromethane	8.016	113	388386	45.478	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.960%
50) Toluene-d8	10.439	98	1705568	49.602	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.727	95	625789	53.745	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	3152	0.219	ug/l #	74
5) Bromomethane	2.851	94	1216	Below Cal	#	50
6) Chloroethane	3.045	64	1845	0.268	ug/l #	42
16) Acetone	4.292	43	31183	5.523	ug/l	90
18) Methyl Acetate	4.857	43	2465	0.631	ug/l #	63
20) Methylene Chloride	5.098	84	816	0.460	ug/l #	49
25) 2-Butanone	7.339	43	66058	7.263	ug/l	100
29) Tetrahydrofuran	7.692	42	10221	1.622	ug/l	92
31) Cyclohexane	8.080	56	62087	3.351	ug/l #	78
36) 1,1-Dichloropropene	8.086	75	65726	4.803	ug/l #	49
37) Ethyl Acetate	7.339	43	66058	3.508	ug/l #	69
38) Carbon Tetrachloride	8.080	117	82664	6.246	ug/l #	16
39) Methylcyclohexane	9.457	83	96299	5.982	ug/l	93
40) Benzene	8.463	78	18554	0.450	ug/l	99
41) Methacrylonitrile	7.680	41	6266	0.680	ug/l #	32
43) Isopropyl Acetate	8.557	43	22767	0.808	ug/l #	55
48) Methyl methacrylate	9.510	41	4110	0.315	ug/l #	8
51) 4-Methyl-2-Pentanone	10.433	43	17271	0.988	ug/l #	21
52) Toluene	10.498	92	19317029	760.926	ug/l #	1
53) t-1,3-Dichloropropene	10.504	75	275104	18.130	ug/l #	1
55) 1,1,2-Trichloroethane	10.874	97	39983	3.930	ug/l #	21
56) Ethyl methacrylate	10.774	69	19740	1.188	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.204	63	65	27.882	ug/l #	45
59) 2-Hexanone	11.051	43	9145	0.767	ug/l #	28
67) Ethyl Benzene	11.839	91	12786236	273.810	ug/l	100
68) m/p-Xylenes	11.939	106	19613912	1148.138	ug/l #	1
69) o-Xylene	12.274	106	6111414	356.888	ug/l	100
70) Styrene	12.280	104	301534	11.376	ug/l #	1
71) Bromoform	12.727	173	3480	0.473	ug/l #	1
73) Isopropylbenzene	12.574	105	344629	7.026	ug/l	99
74) N-amyl acetate	12.363	43	5107	0.277	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.804	83	1864	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.727	75	320352	24.541	ug/l #	1
78) n-propylbenzene	12.915	91	215028	4.086	ug/l	97
79) 2-Chlorotoluene	12.980	91	99252	2.938	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.057	105	403995	10.587	ug/l	99

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

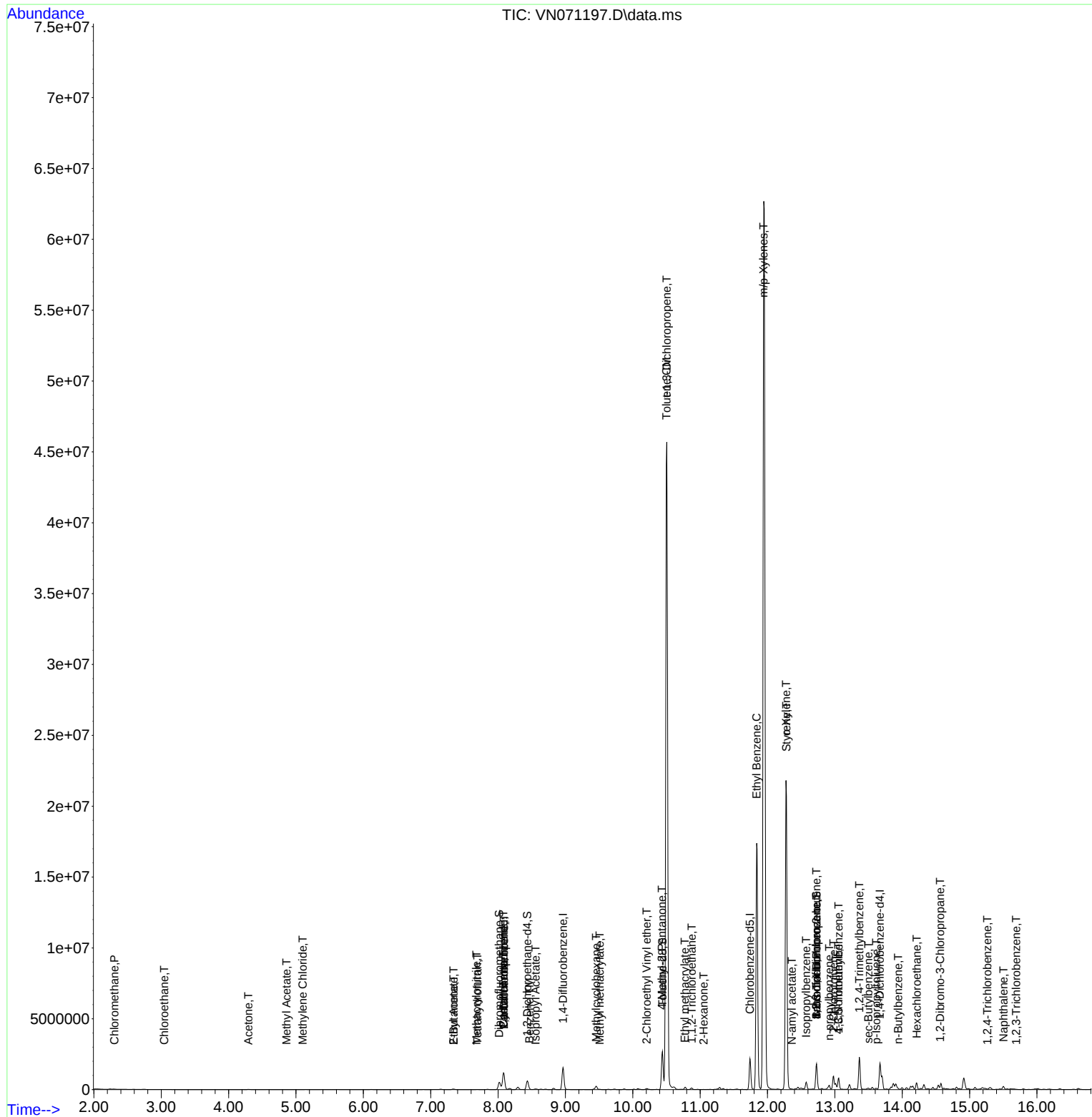
81) trans-1,4-Dichloro-2-b...	12.727	75	320352	68.062	ug/l #	5
82) 4-Chlorotoluene	13.051	91	43967	1.461	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.362	105	1295116	35.434	ug/l	100
85) sec-Butylbenzene	13.498	105	49924	1.103	ug/l #	75
86) p-Isopropyltoluene	13.615	119	42266	1.187	ug/l	99
89) n-Butylbenzene	13.939	91	36152	1.298	ug/l #	67
90) Hexachloroethane	14.215	117	22046	3.114	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.562	75	1373	0.481	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.262	180	1560	3.165	ug/l #	1
95) Naphthalene	15.503	128	199267	12.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	1819	2.947	ug/l #	82

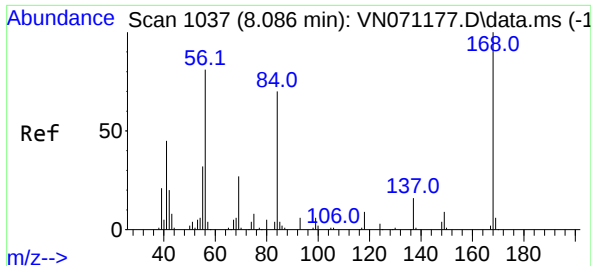
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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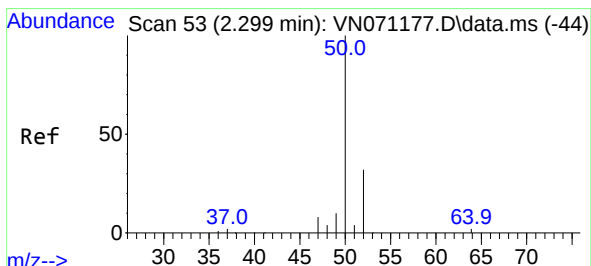
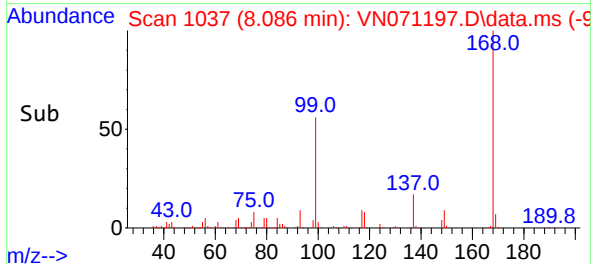
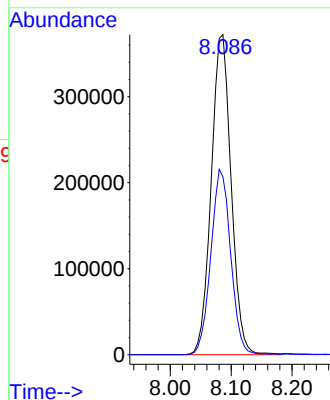
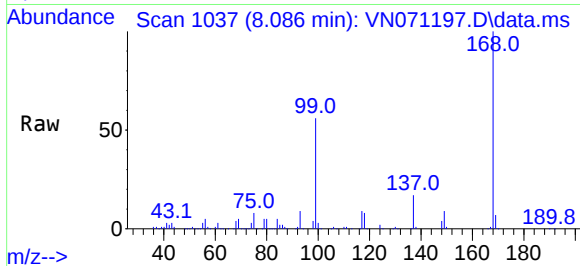




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

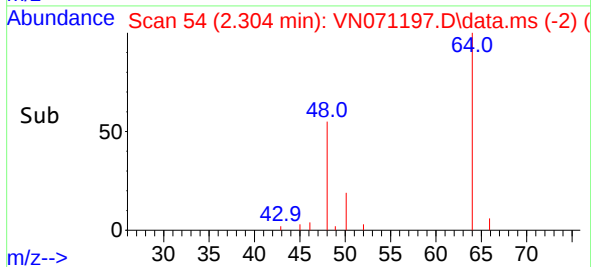
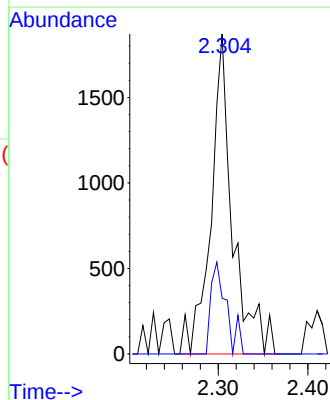
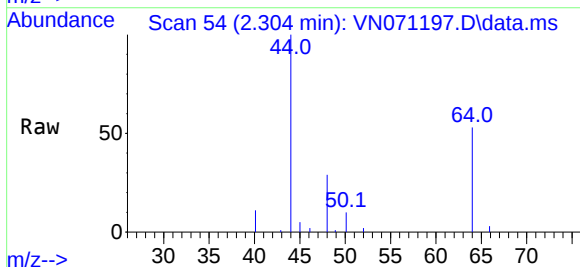
Instrument :
MSVOA_N
ClientSampleId :

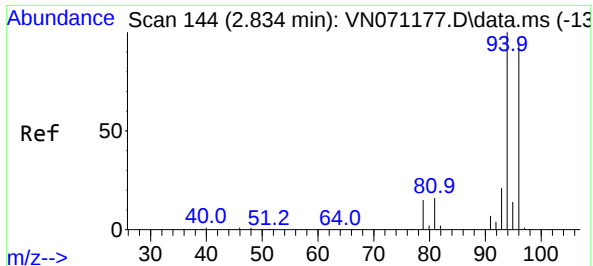
Tgt Ion:168 Resp: 846676
Ion Ratio Lower Upper
168 100
99 55.6 41.3 61.9



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 50 Resp: 3152
Ion Ratio Lower Upper
50 100
52 17.4 25.4 38.0#

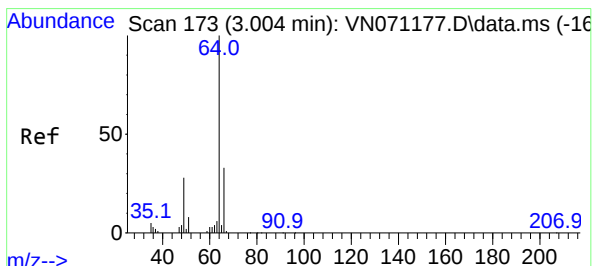
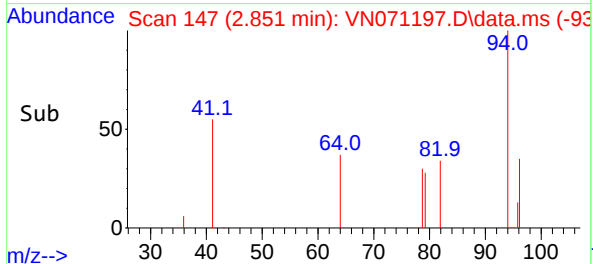
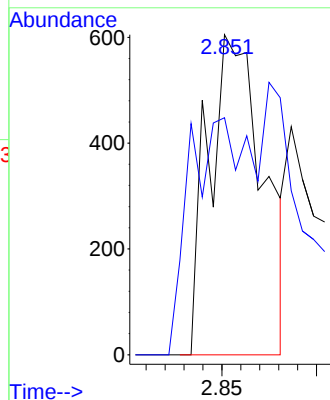
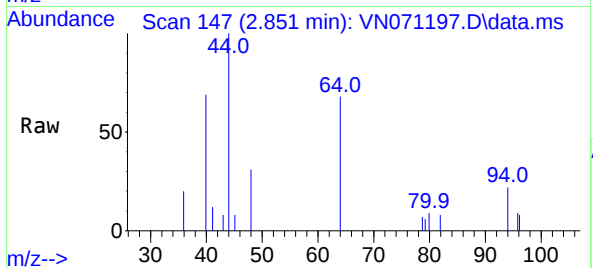




#5
Bromomethane
Concen: Below Cal
RT: 2.851 min Scan# 14
Delta R.T. 0.017 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

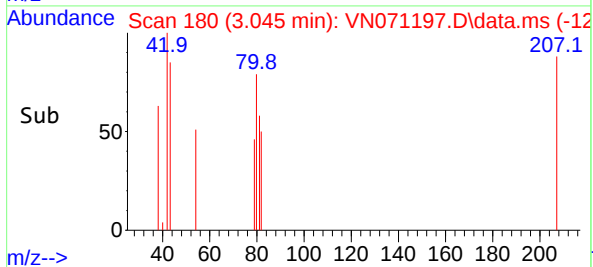
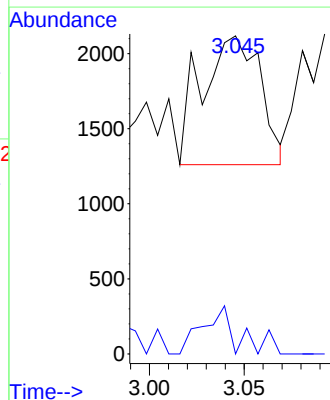
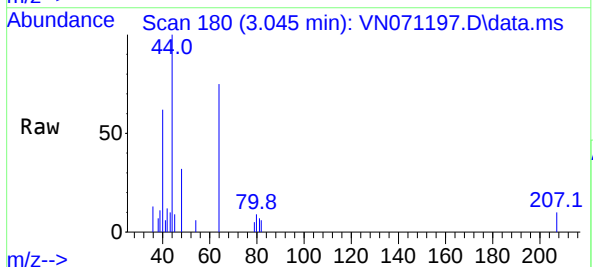
Instrument :
MSVOA_N
ClientSampleId :

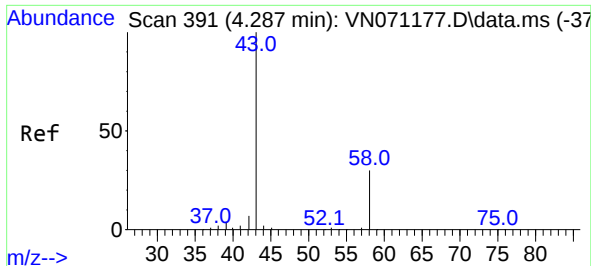
Tgt Ion: 94 Resp: 1216
Ion Ratio Lower Upper
94 100
96 44.6 73.8 110.8#



#6
Chloroethane
Concen: 0.268 ug/l
RT: 3.045 min Scan# 180
Delta R.T. 0.041 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 64 Resp: 1845
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#

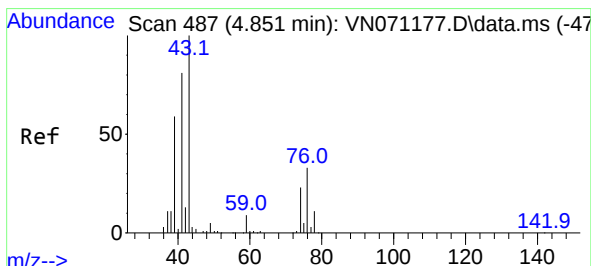
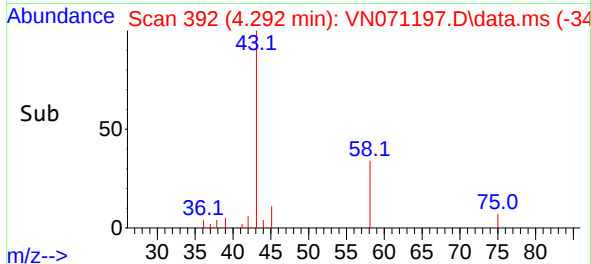
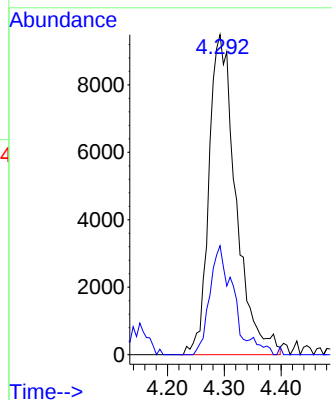
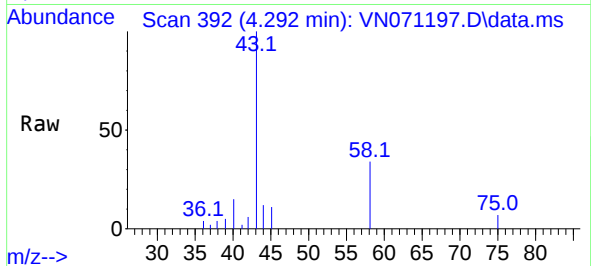




#16
Acetone
Concen: 5.523 ug/l
RT: 4.292 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

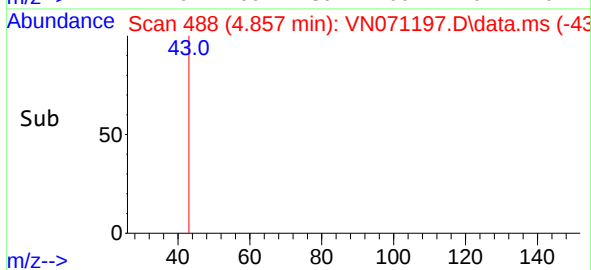
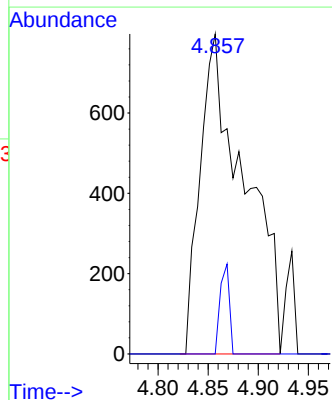
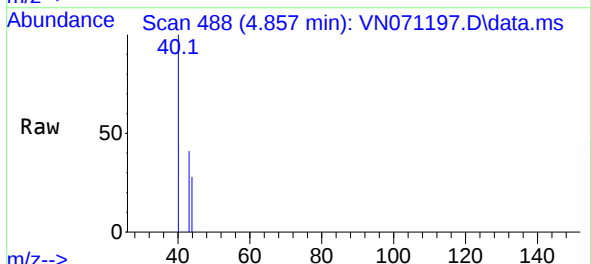
Instrument :
MSVOA_N
ClientSampleId :

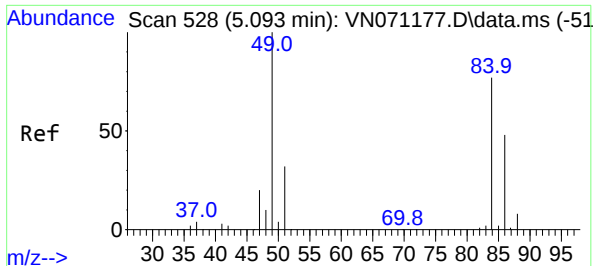
Tgt Ion: 43 Resp: 31183
Ion Ratio Lower Upper
43 100
58 34.1 23.1 34.7



#18
Methyl Acetate
Concen: 0.631 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

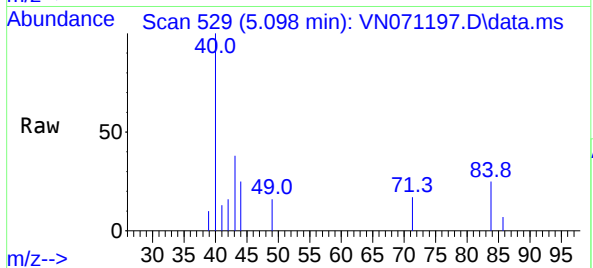
Tgt Ion: 43 Resp: 2465
Ion Ratio Lower Upper
43 100
74 5.7 19.4 29.2#





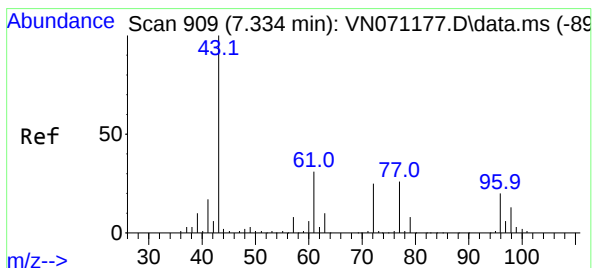
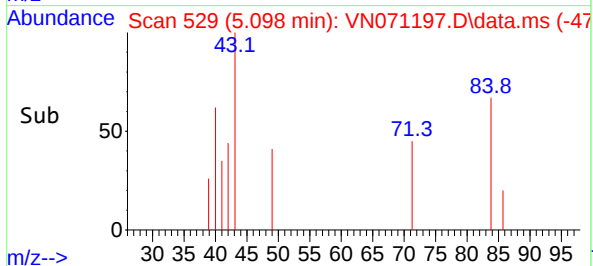
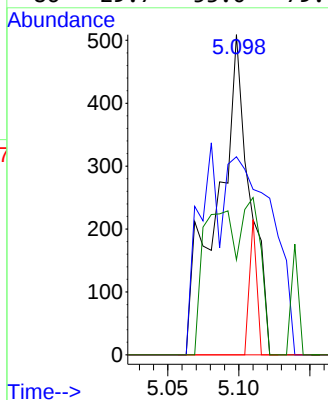
#20
Methylene Chloride
Concen: 0.460 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 816

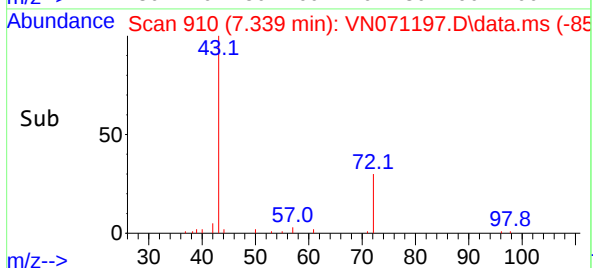
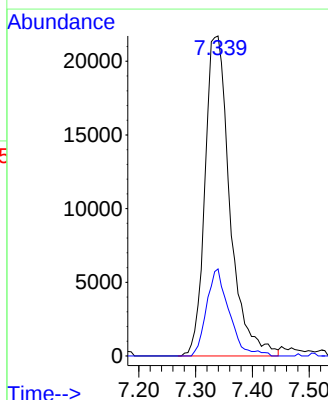
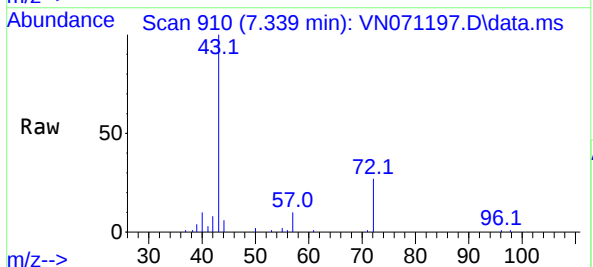
Ion	Ratio	Lower	Upper
84	100		
49	61.9	93.5	140.3#
51	0.0	29.4	44.2#
86	29.7	53.0	79.4#

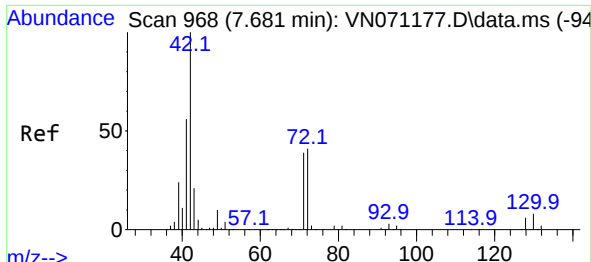


#25
2-Butanone
Concen: 7.263 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 43 Resp: 66058

Ion	Ratio	Lower	Upper
43	100		
72	27.2	21.7	32.5



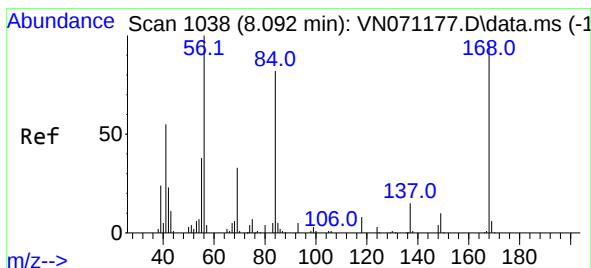
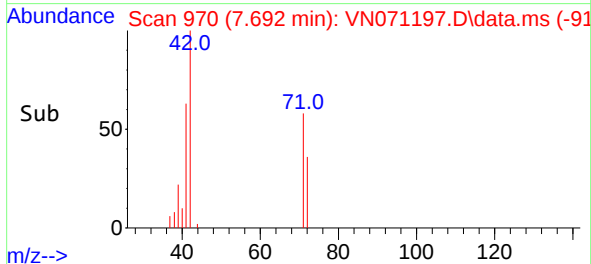
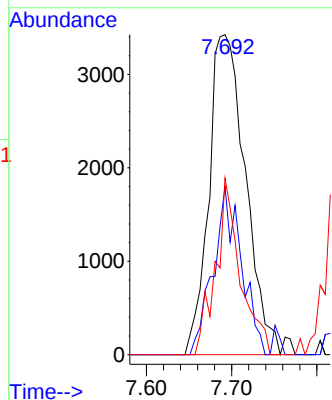
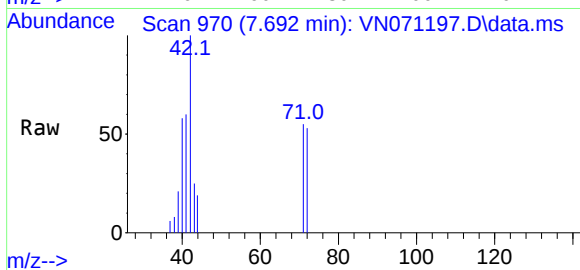


#29
Tetrahydrofuran
Concen: 1.622 ug/l
RT: 7.692 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 10221

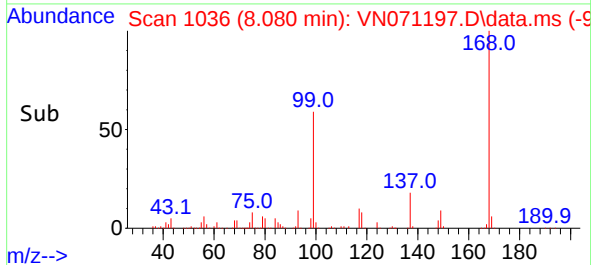
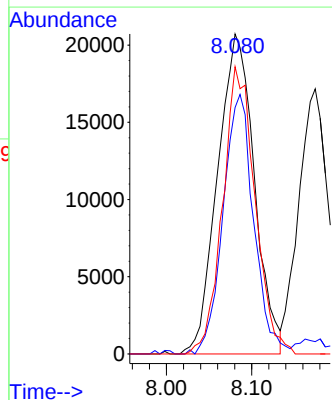
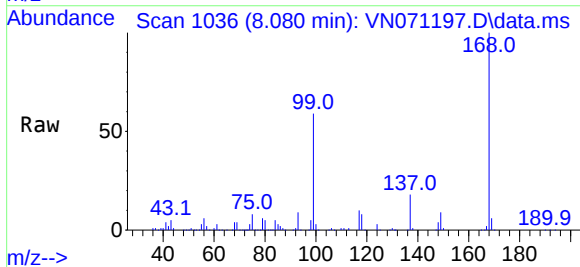
Ion	Ratio	Lower	Upper
42	100		
72	40.8	36.3	54.5
71	37.1	34.7	52.1

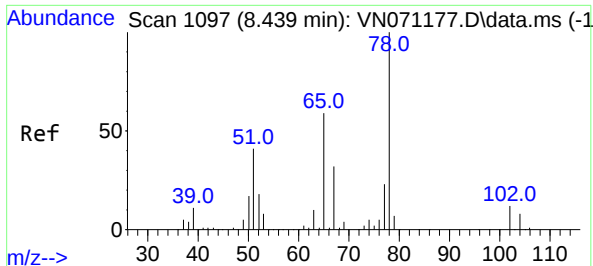


#31
Cyclohexane
Concen: 3.351 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 56 Resp: 62087

Ion	Ratio	Lower	Upper
56	100		
69	77.0	27.1	40.7#
84	89.7	73.4	110.0





#33

1,2-Dichloroethane-d4

Concen: 44.384 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071197.D

Acq: 08 Mar 2022 18:05

Instrument :

MSVOA_N

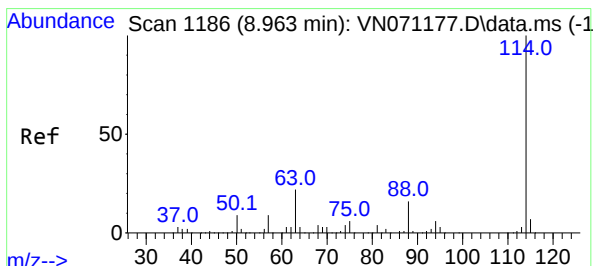
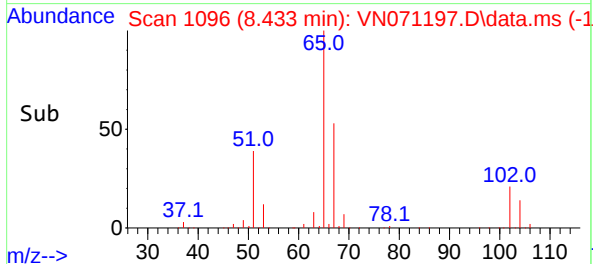
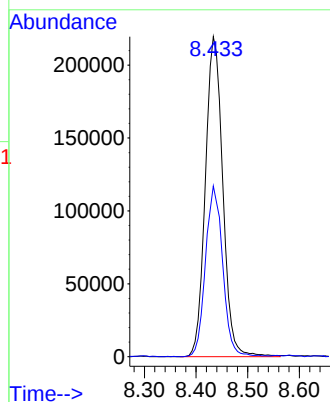
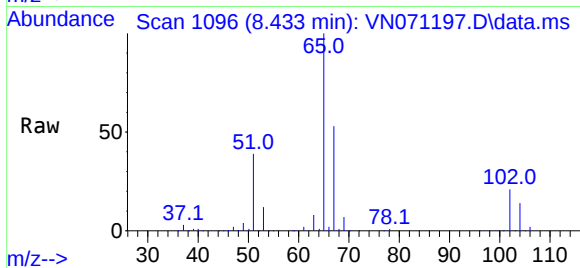
ClientSampleId :

Tgt Ion: 65 Resp: 515038

Ion Ratio Lower Upper

65 100

67 52.6 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: VN071197.D

Acq: 08 Mar 2022 18:05

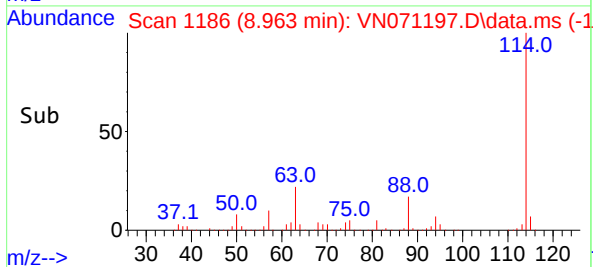
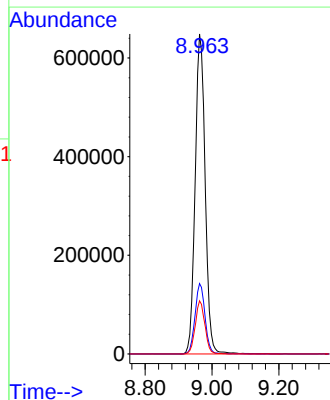
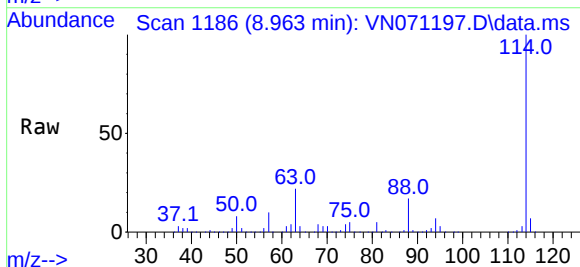
Tgt Ion:114 Resp: 1353352

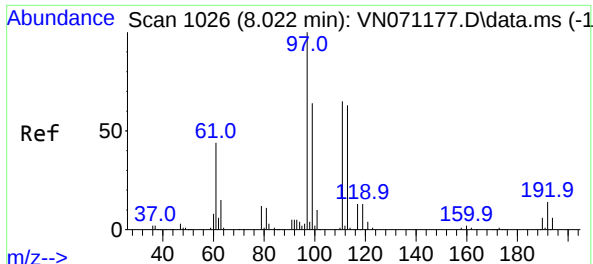
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

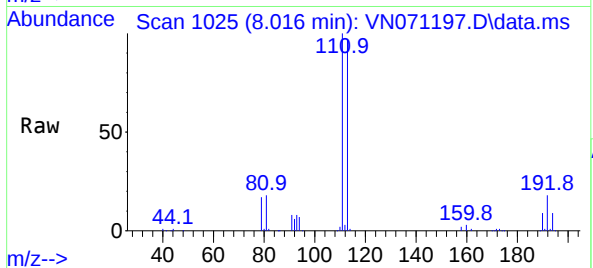
88 16.6 0.0 27.4



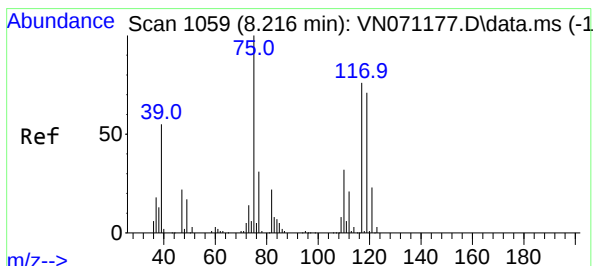
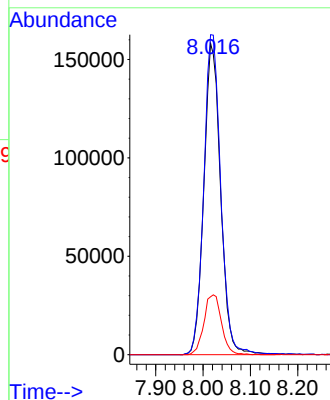
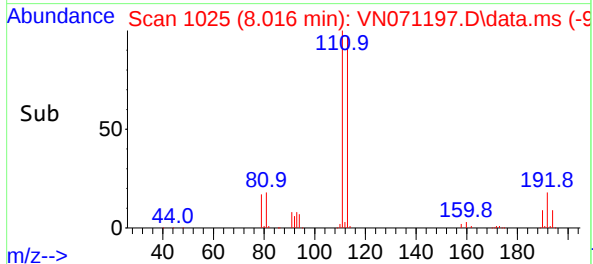


#35
Dibromofluoromethane
Concen: 45.478 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

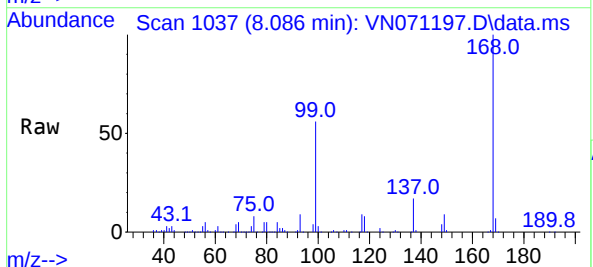
Instrument :
MSVOA_N
ClientSampleId :



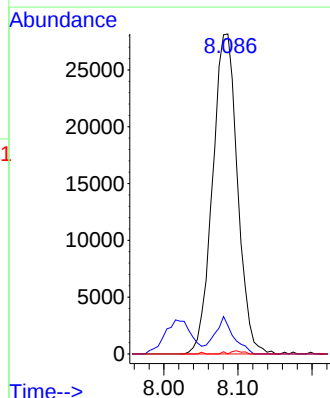
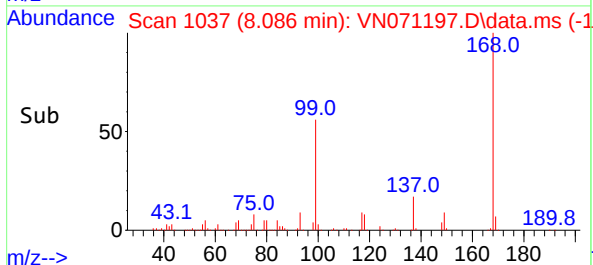
Tgt Ion:113 Resp: 388386
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 20.2 16.9 25.3

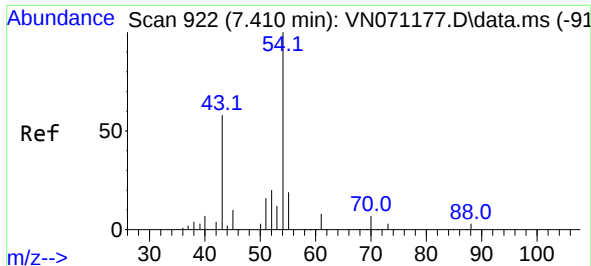


#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05



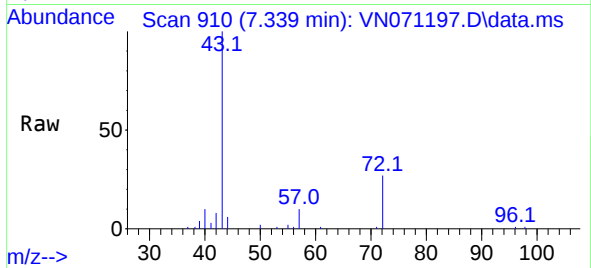
Tgt Ion: 75 Resp: 65726
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.6 24.4 36.6#



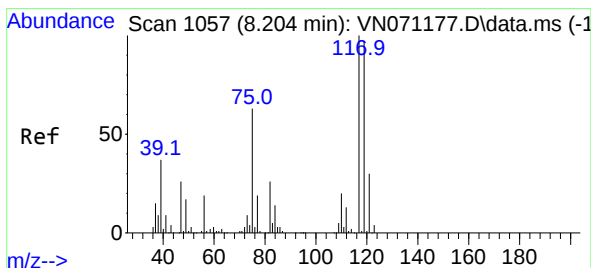
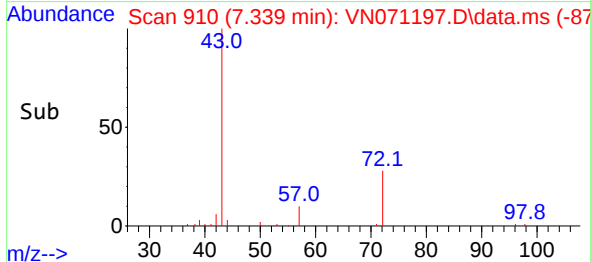
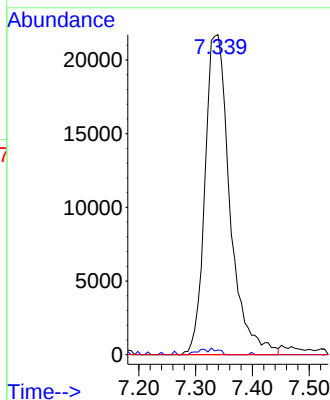


#37
Ethyl Acetate
Concen: 3.508 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.071 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

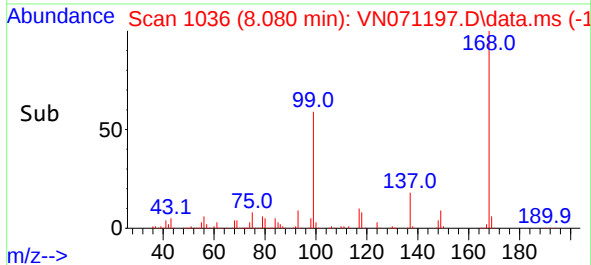
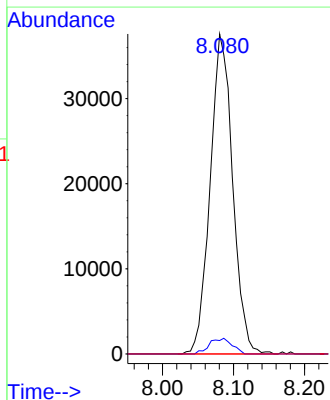
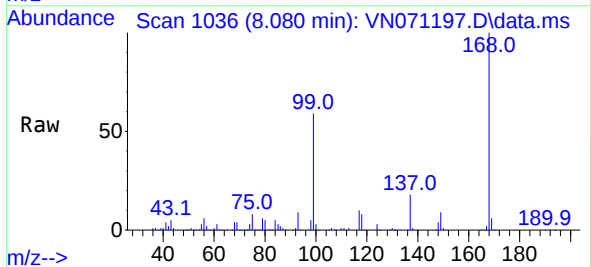


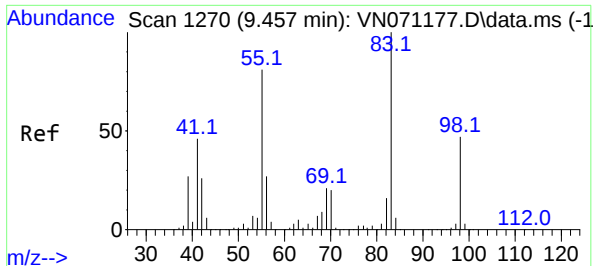
Tgt Ion: 43 Resp: 66058
Ion Ratio Lower Upper
43 100
61 0.7 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.246 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.124 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 117 Resp: 82664
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.2 36.2#

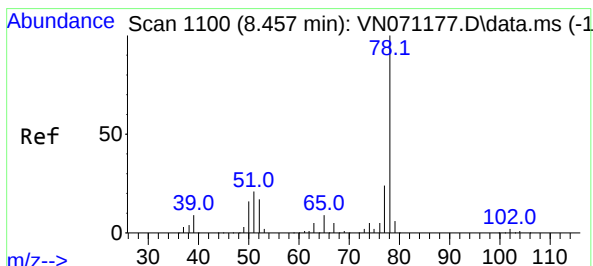
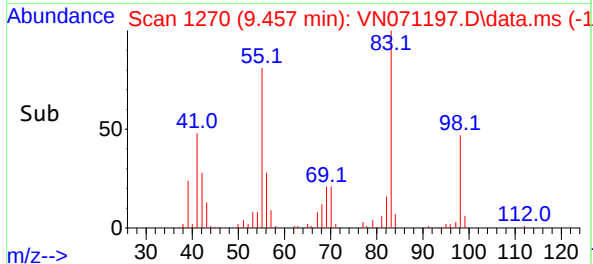
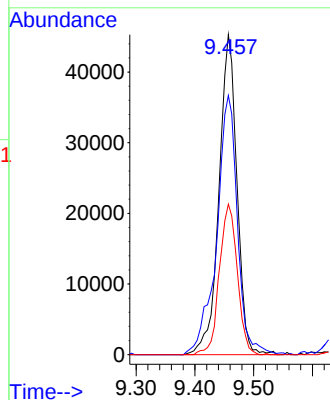
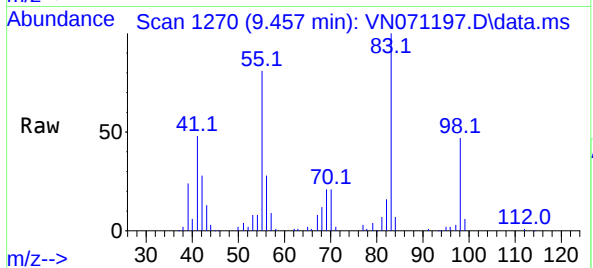




#39
Methylcyclohexane
Concen: 5.982 ug/l
RT: 9.457 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

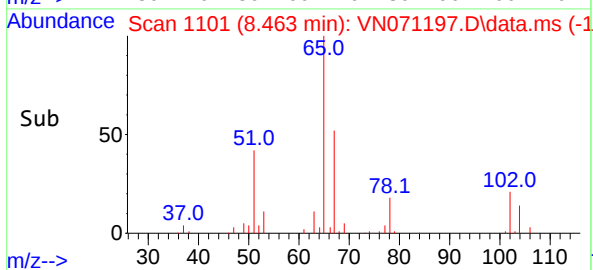
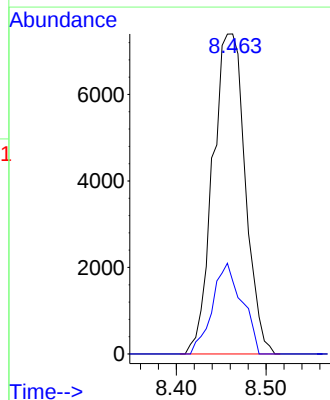
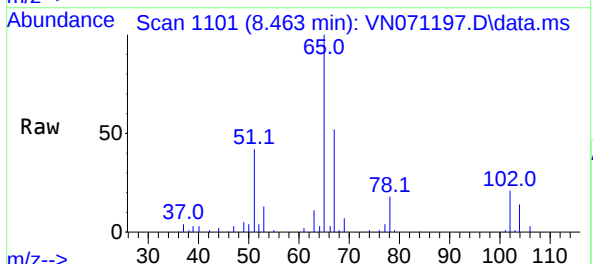
Instrument :
MSVOA_N
ClientSampleId :

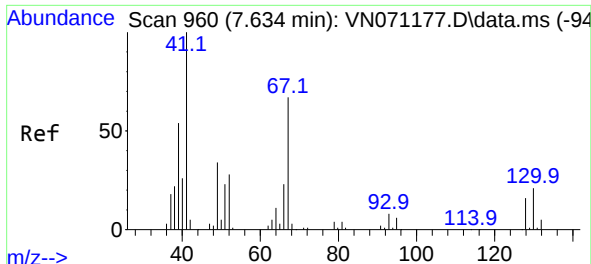
Tgt Ion: 83 Resp: 96299
Ion Ratio Lower Upper
83 100
55 81.0 58.1 87.1
98 47.0 38.4 57.6



#40
Benzene
Concen: 0.450 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 78 Resp: 18554
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8

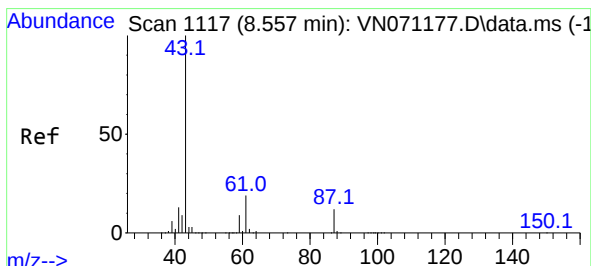
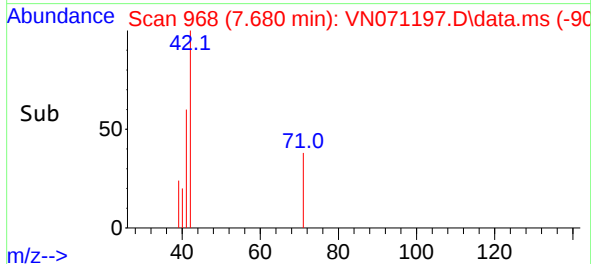
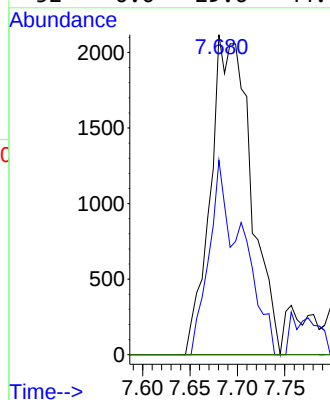
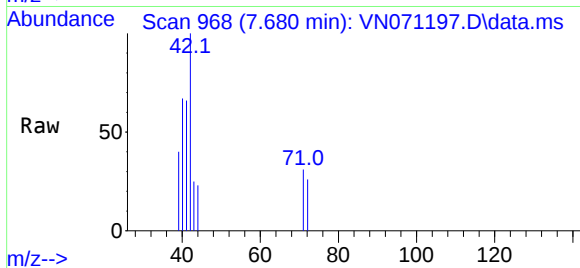




#41
Methacrylonitrile
Concen: 0.680 ug/l
RT: 7.680 min Scan# 968
Delta R.T. 0.047 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

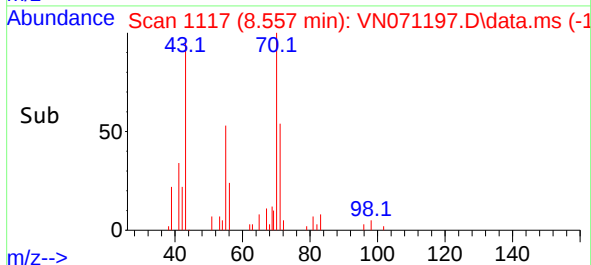
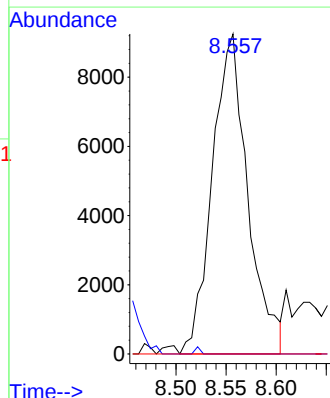
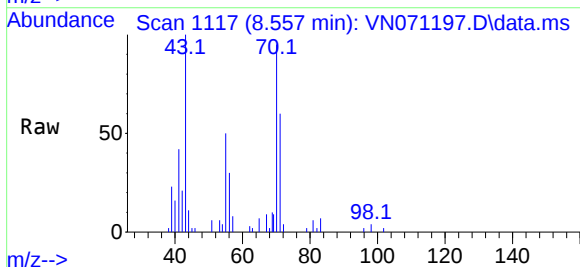
Instrument :
MSVOA_N
ClientSampleId :

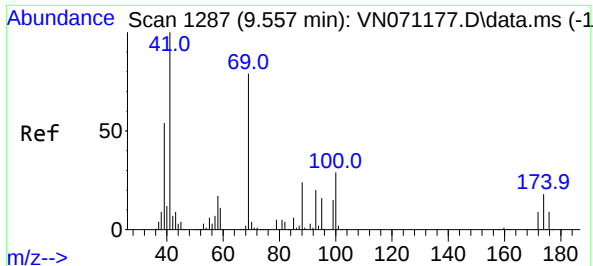
Tgt Ion: 41	Resp: 6266
Ion Ratio	Lower Upper
41 100	
39 32.7	48.1 72.1#
67 0.0	68.3 102.5#
52 0.0	29.6 44.4#



#43
Isopropyl Acetate
Concen: 0.808 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 43	Resp: 22767
Ion Ratio	Lower Upper
43 100	
61 0.0	20.4 30.6#
87 0.0	11.2 16.8#

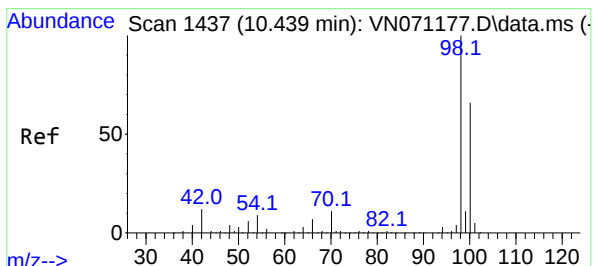
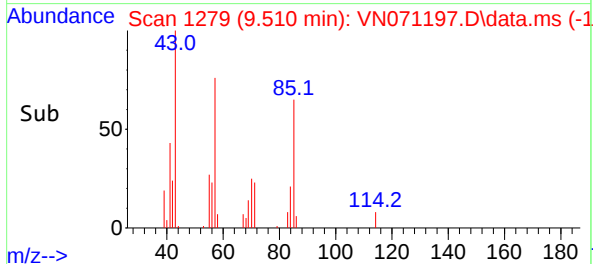
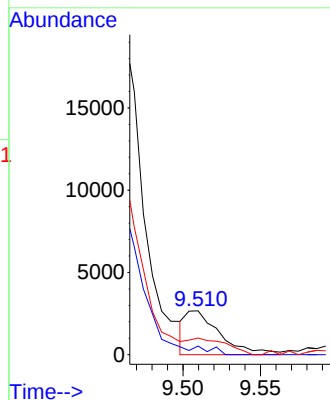
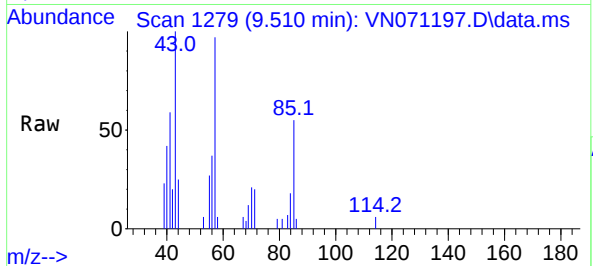




#48
Methyl methacrylate
Concen: 0.315 ug/l
RT: 9.510 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

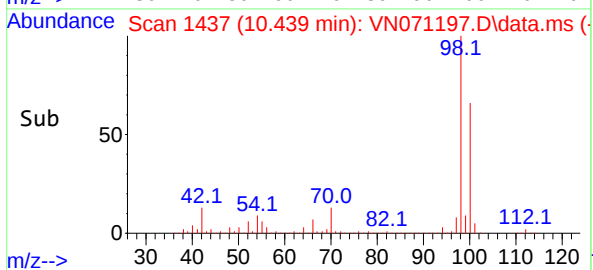
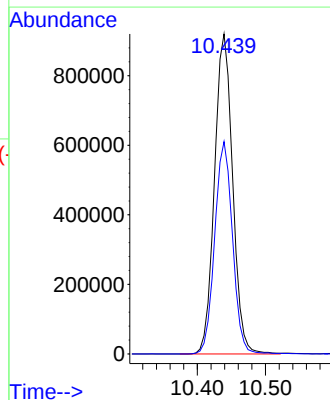
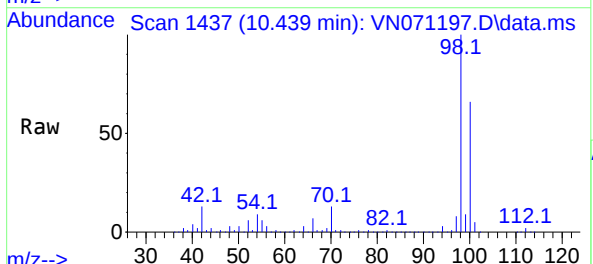
Instrument :
MSVOA_N
ClientSampleId :

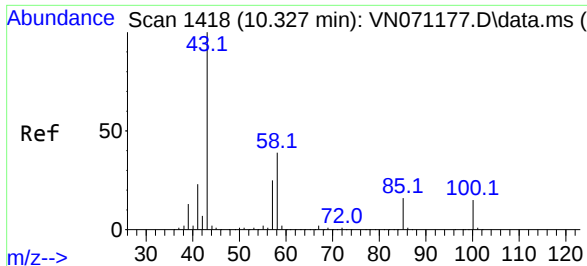
Tgt Ion: 41 Resp: 4110
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 58.4 87.6#



#50
Toluene-d8
Concen: 49.602 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 98 Resp: 1705568
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6

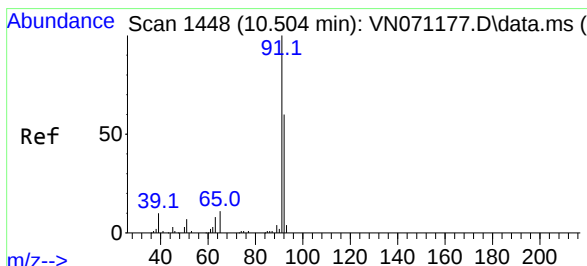
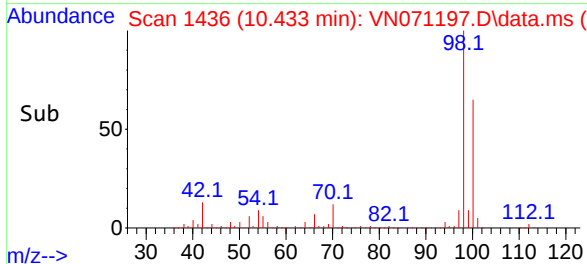
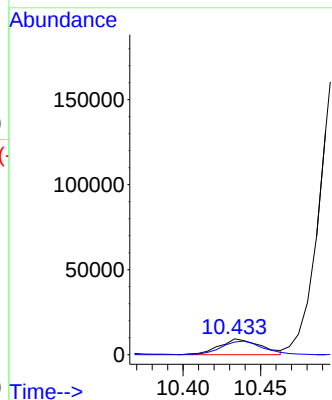
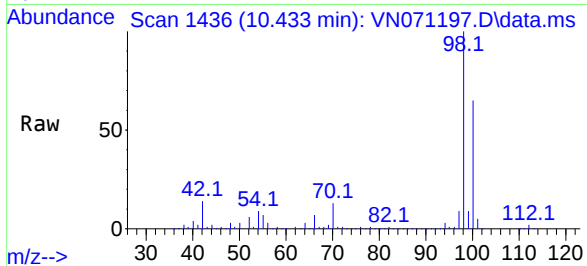




#51
4-Methyl-2-Pentanone
Concen: 0.988 ug/l
RT: 10.433 min Scan# 1418
Delta R.T. 0.106 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

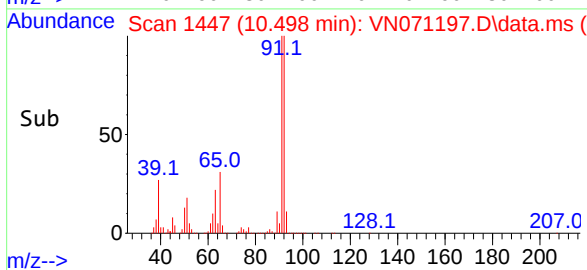
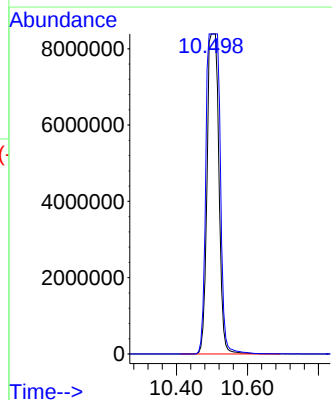
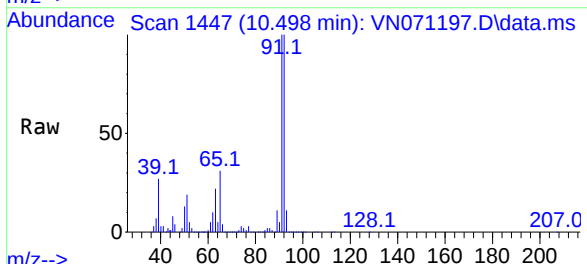
Instrument :
MSVOA_N
ClientSampleId :

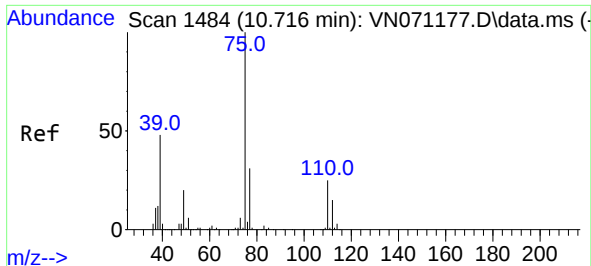
Tgt Ion: 43 Resp: 17271
Ion Ratio Lower Upper
43 100
58 85.8 30.4 45.6#



#52
Toluene
Concen: 760.926 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 92 Resp:19317029
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0#

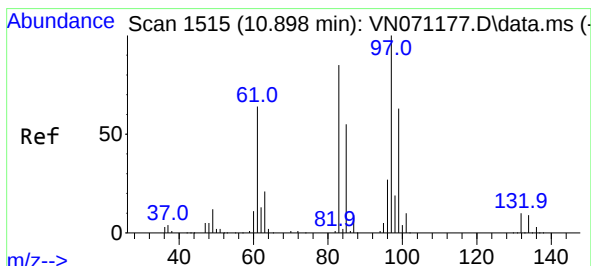
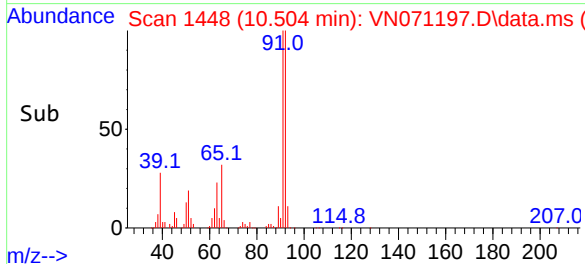
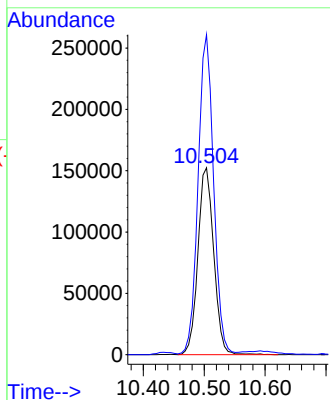
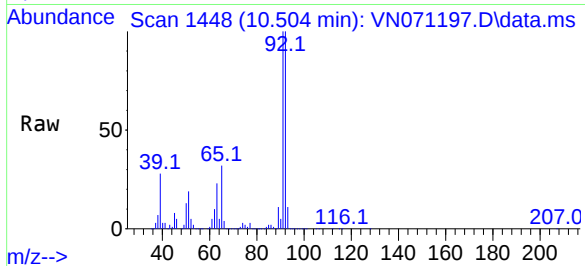




#53
t-1,3-Dichloropropene
Concen: 18.130 ug/l
RT: 10.504 min Scan# 1484
Delta R.T. -0.212 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

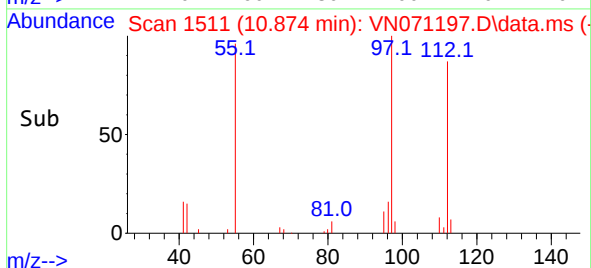
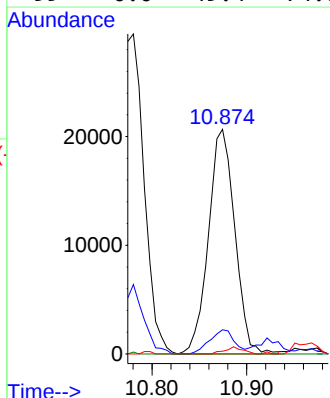
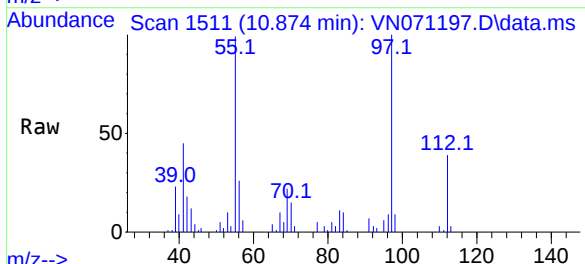
Instrument :
MSVOA_N
ClientSampleId :

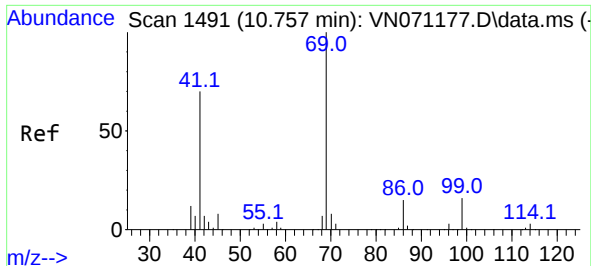
Tgt Ion: 75 Resp: 275104
Ion Ratio Lower Upper
75 100
77 170.7 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 3.930 ug/l
RT: 10.874 min Scan# 1511
Delta R.T. -0.024 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 97 Resp: 39983
Ion Ratio Lower Upper
97 100
83 10.8 67.8 101.6#
85 1.2 45.4 68.2#
99 0.0 49.4 74.0#

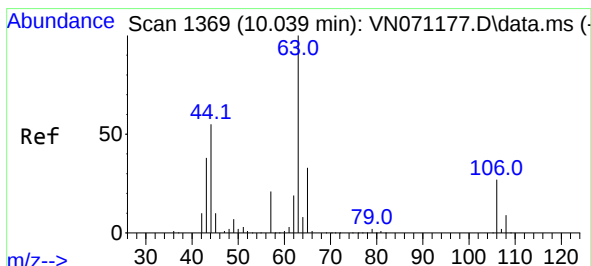
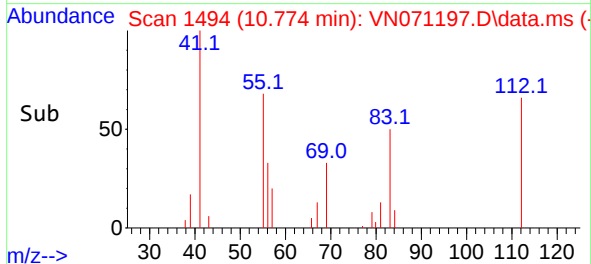
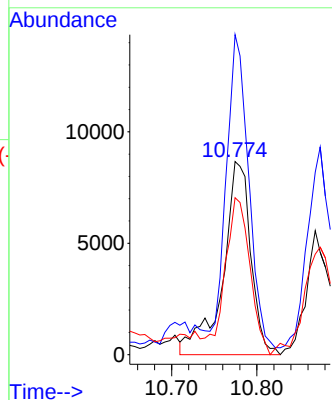
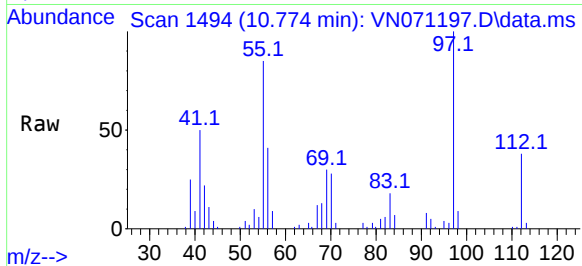




#56
Ethyl methacrylate
Concen: 1.188 ug/l
RT: 10.774 min Scan# 1491
Delta R.T. 0.017 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

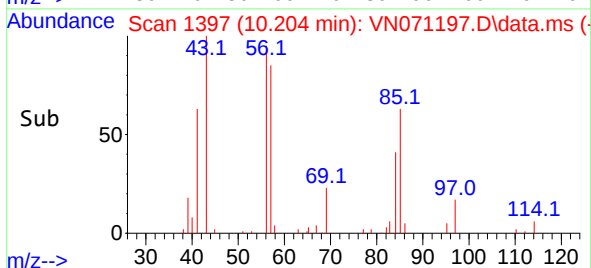
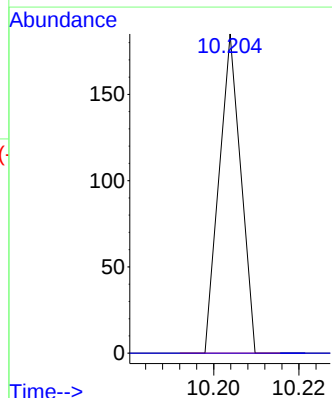
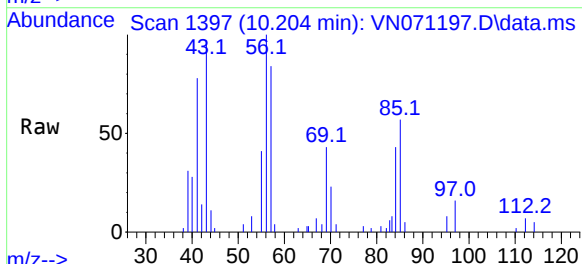
Instrument :
MSVOA_N
ClientSampleId :

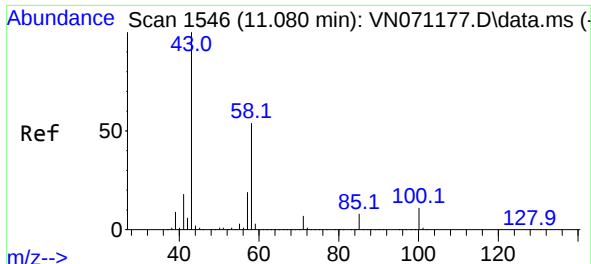
Tgt Ion: 69 Resp: 19740
Ion Ratio Lower Upper
69 100
41 128.3 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 27.882 ug/l
RT: 10.204 min Scan# 1397
Delta R.T. 0.165 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 63 Resp: 65
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

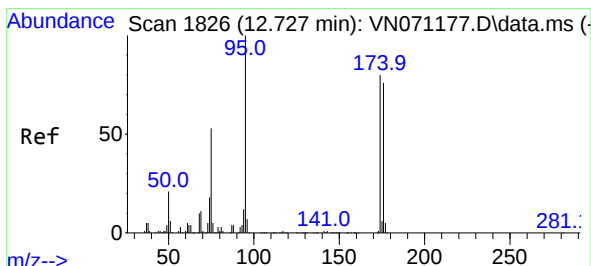
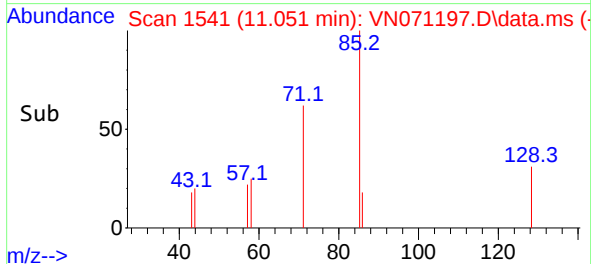
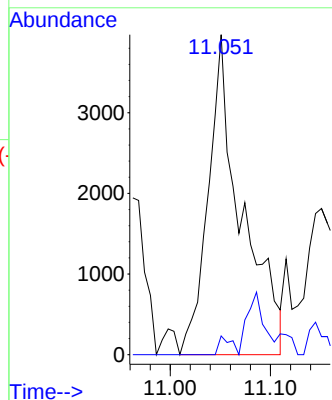
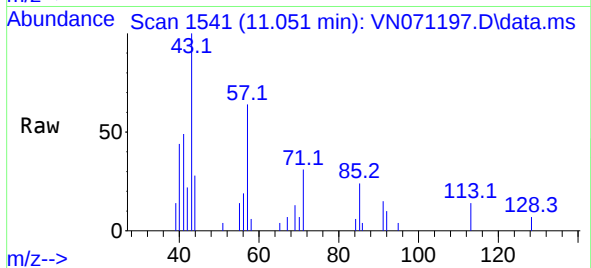




#59
2-Hexanone
Concen: 0.767 ug/l
RT: 11.051 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

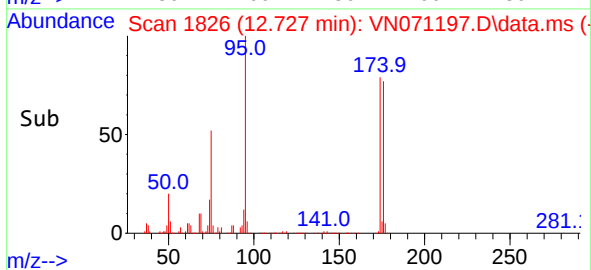
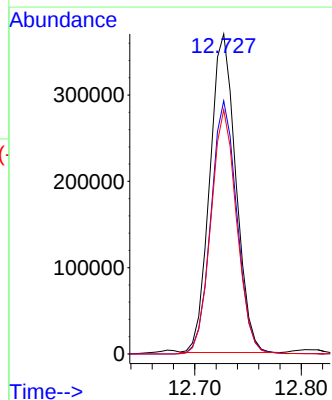
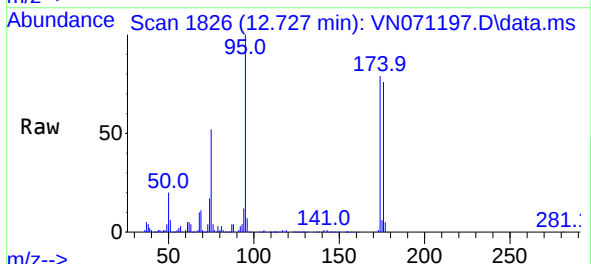
Instrument :
MSVOA_N
ClientSampleId :

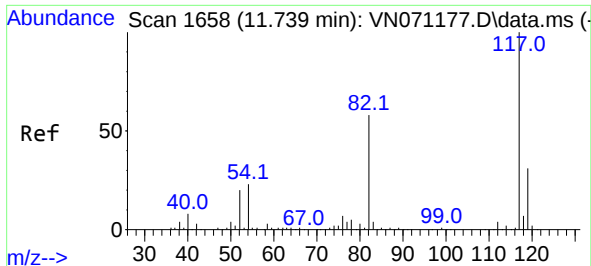
Tgt Ion: 43 Resp: 9145
Ion Ratio Lower Upper
43 100
58 2.1 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 53.745 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 95 Resp: 625789
Ion Ratio Lower Upper
95 100
174 79.5 0.0 187.2
176 76.0 0.0 181.4

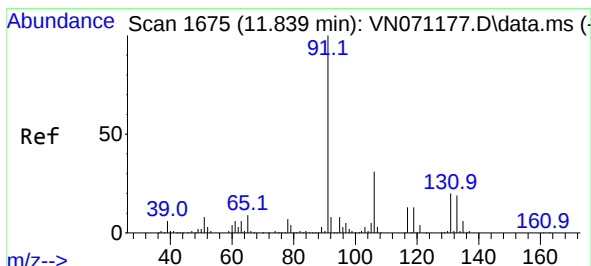
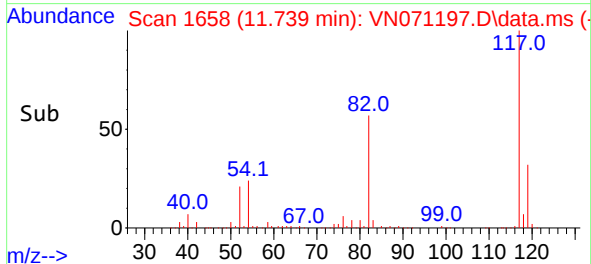
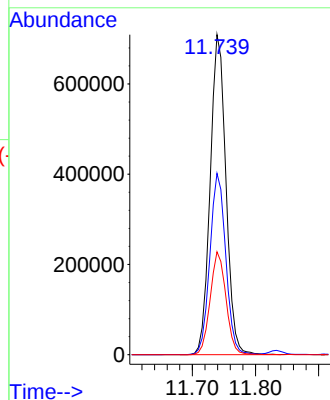
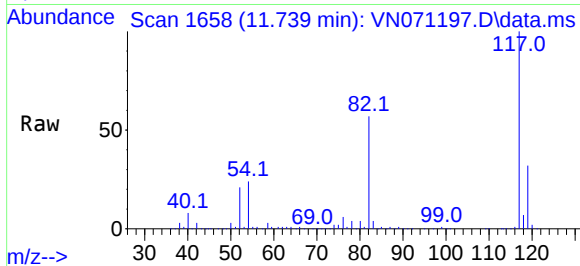




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

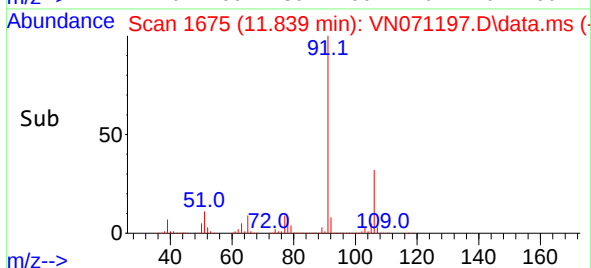
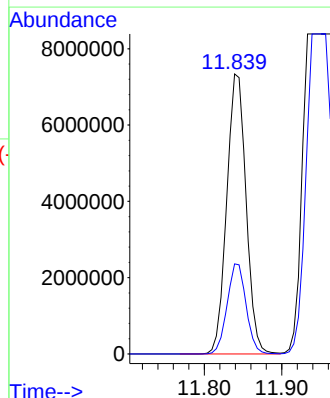
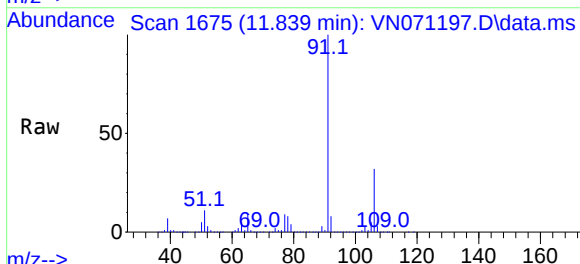
Instrument :
MSVOA_N
ClientSampleId :

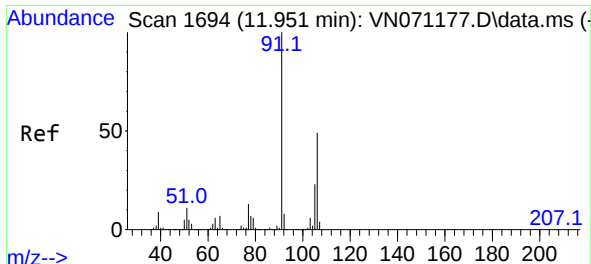
Tgt Ion:117 Resp: 1229804
Ion Ratio Lower Upper
117 100
82 56.6 42.4 63.6
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 273.810 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 91 Resp:12786236
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

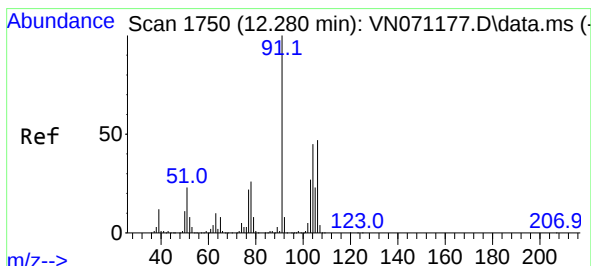
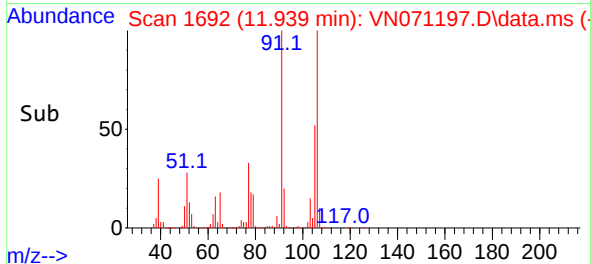
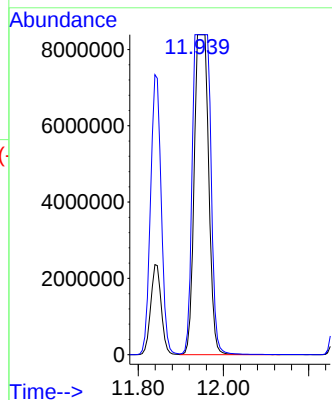
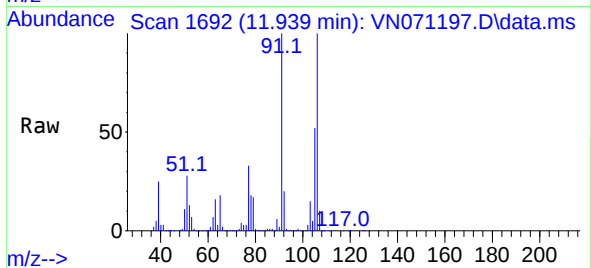




#68
m/p-Xylenes
Concen: 1148.138 ug/l
RT: 11.939 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

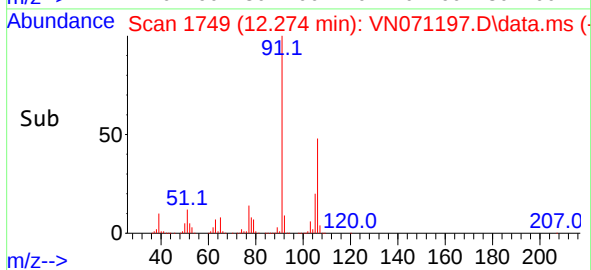
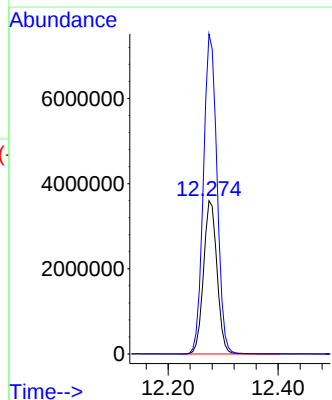
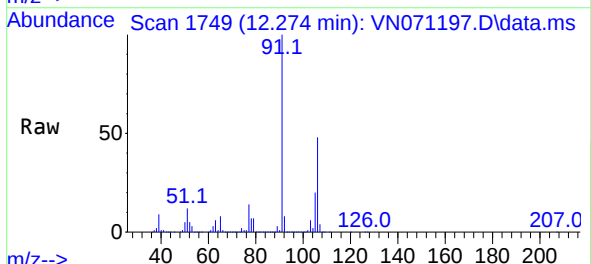
Instrument :
MSVOA_N
ClientSampleId :

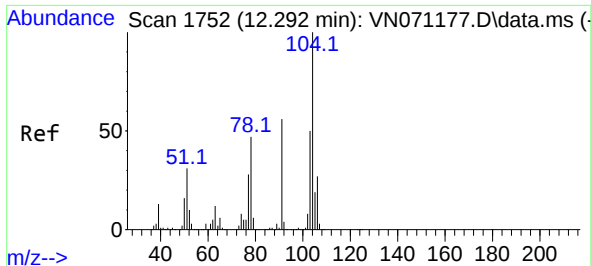
Tgt Ion:106 Resp:19613912
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#



#69
o-Xylene
Concen: 356.888 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

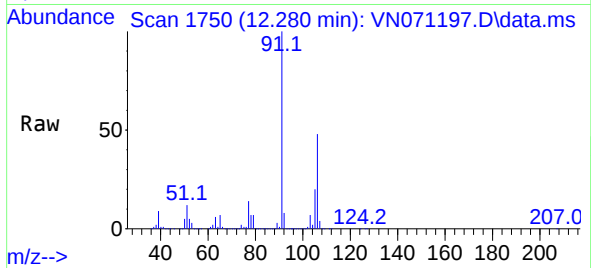
Tgt Ion:106 Resp: 6111414
Ion Ratio Lower Upper
106 100
91 211.2 105.8 317.3



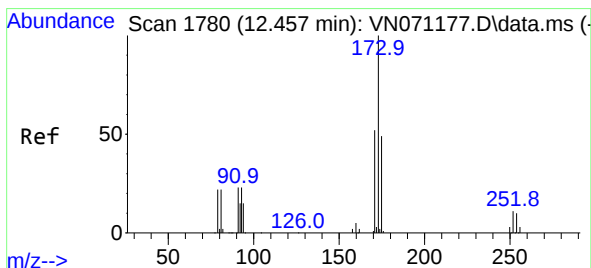
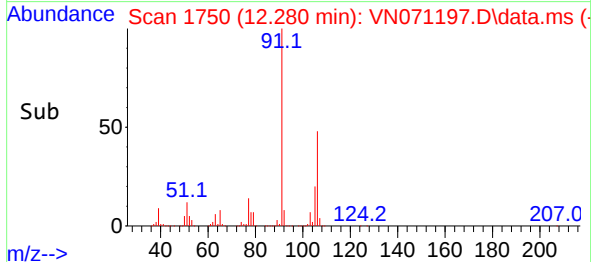
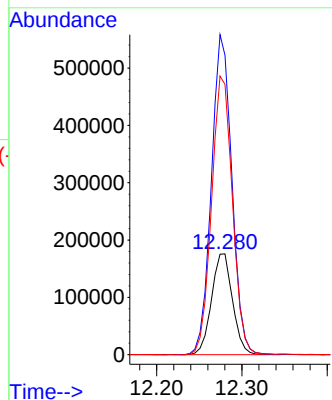


#70
Styrene
Concen: 11.376 ug/l
RT: 12.280 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :

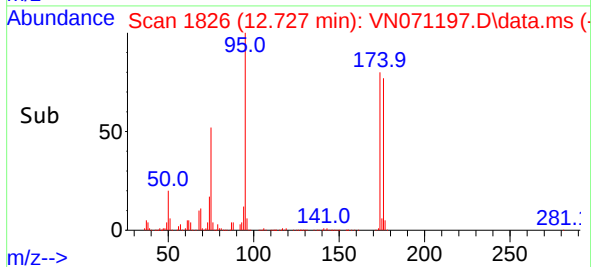
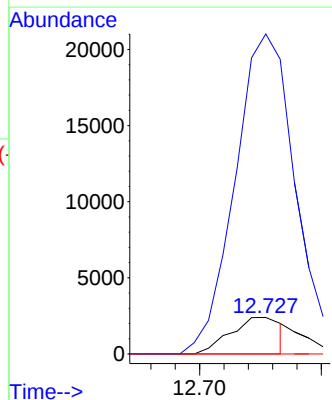
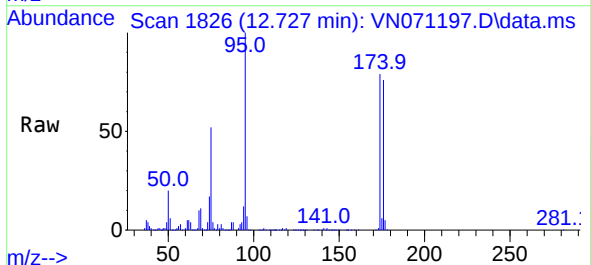


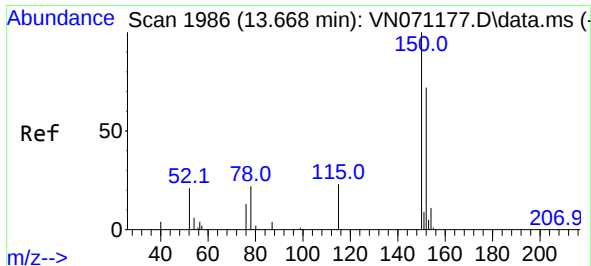
Tgt Ion:104 Resp: 301534
Ion Ratio Lower Upper
104 100
78 309.4 38.7 58.1#
103 274.7 45.0 67.6#



#71
Bromoform
Concen: 0.473 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion:173 Resp: 3480
Ion Ratio Lower Upper
173 100
175 826.4 24.2 72.6#
254 0.0 0.0 0.0

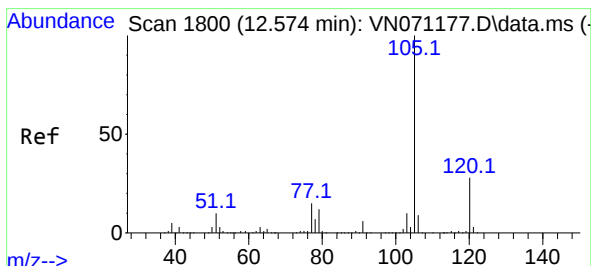
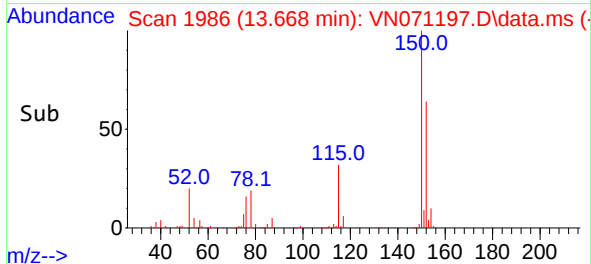
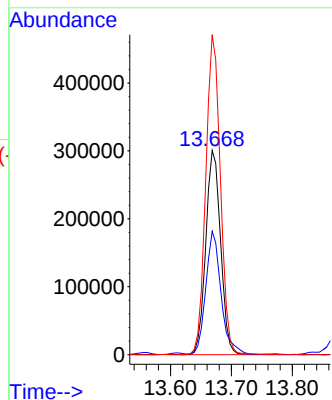
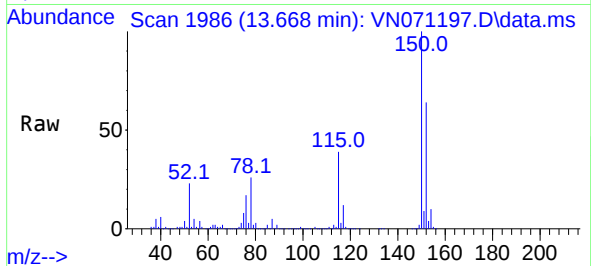




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

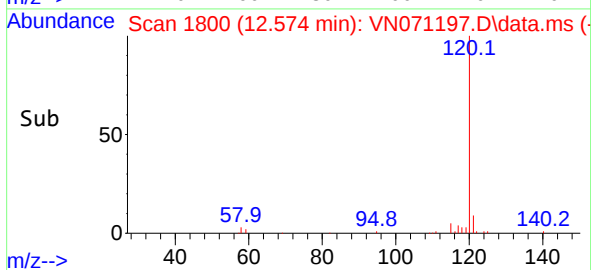
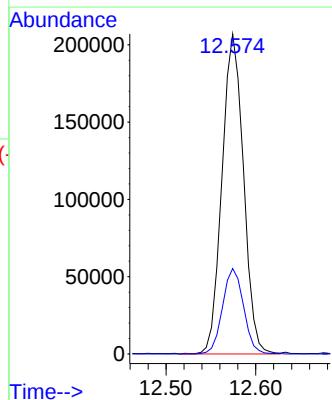
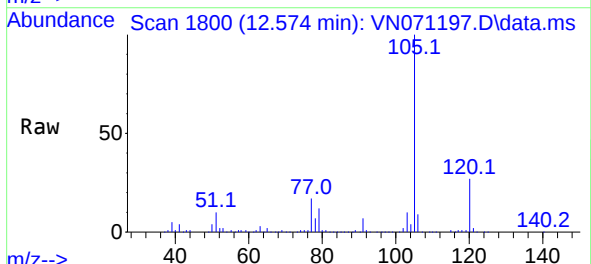
Instrument :
MSVOA_N
ClientSampleId :

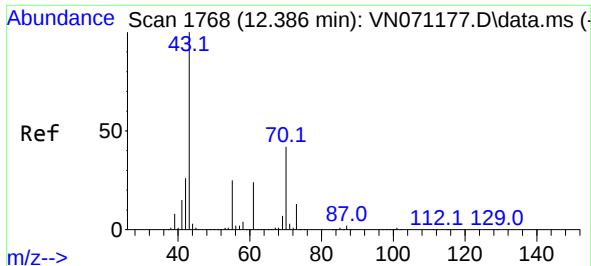
Tgt Ion:152 Resp: 508797
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 154.3 0.0 344.4



#73
Isopropylbenzene
Concen: 7.026 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

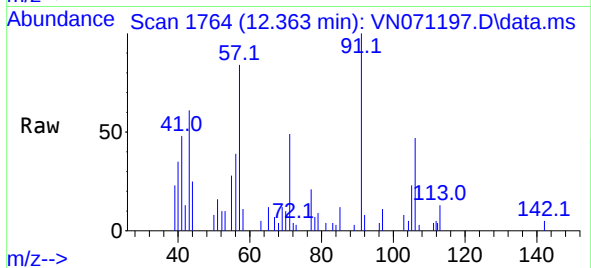
Tgt Ion:105 Resp: 344629
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1



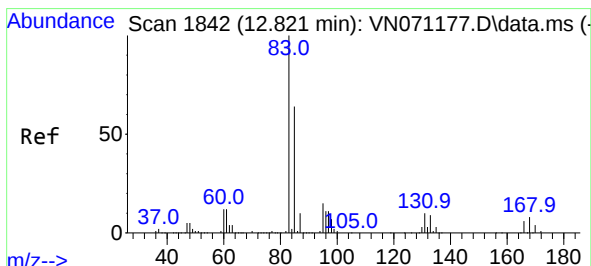
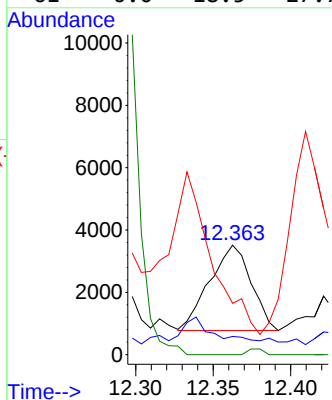
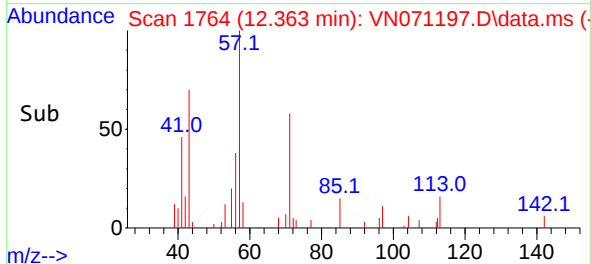


#74
N-amy1 acetate
Concen: 0.277 ug/l
RT: 12.363 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

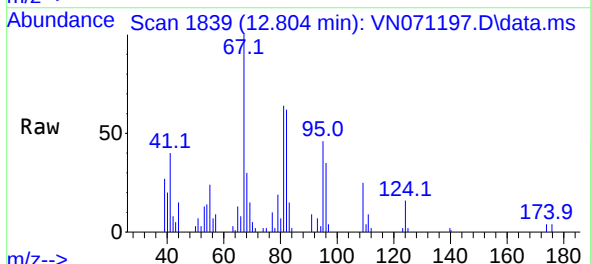
Instrument :
MSVOA_N
ClientSampleId :



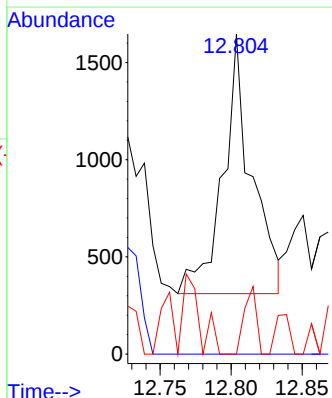
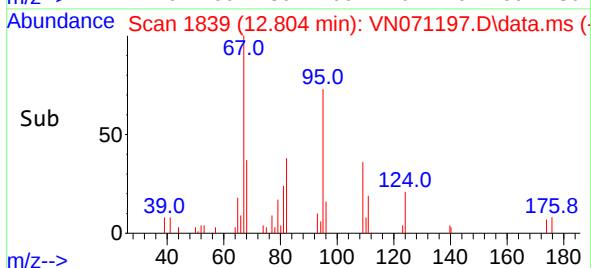
Tgt Ion: 43 Resp: 5107
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 0.0 19.3 28.9#
61 0.0 18.5 27.7#

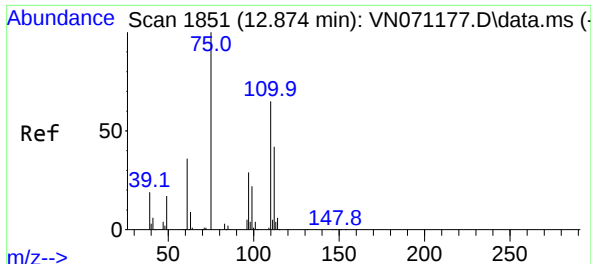


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.804 min Scan# 1839
Delta R.T. -0.017 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05



Tgt Ion: 83 Resp: 1864
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 11.0 32.4 97.2#

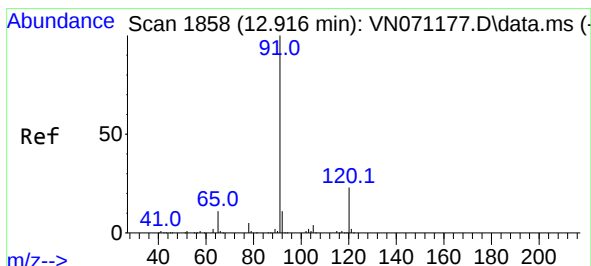
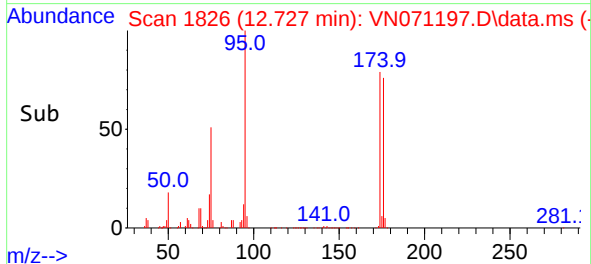
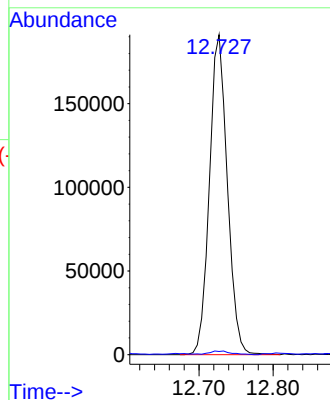
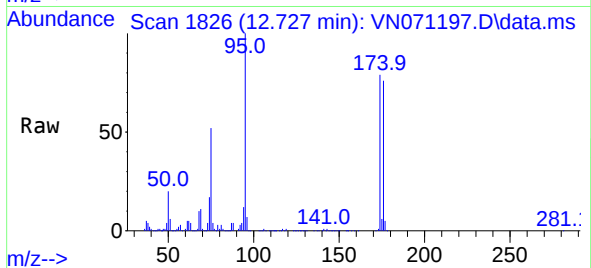




#76
1,2,3-Trichloropropane
Concen: 24.541 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

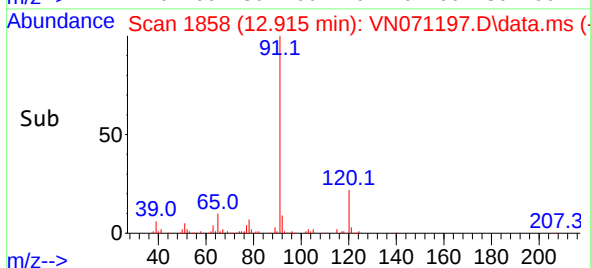
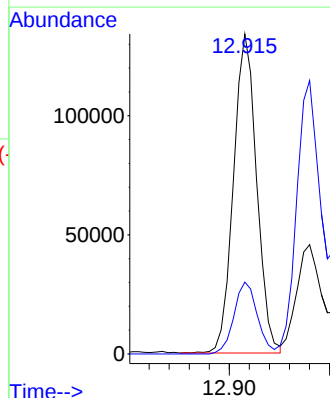
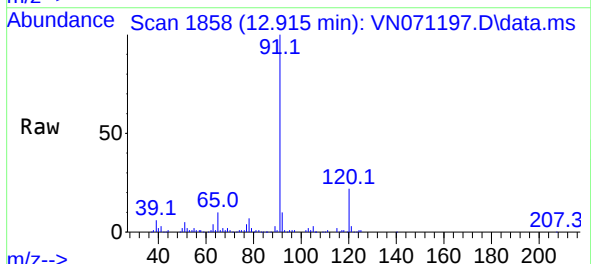
Instrument :
MSVOA_N
ClientSampleId :

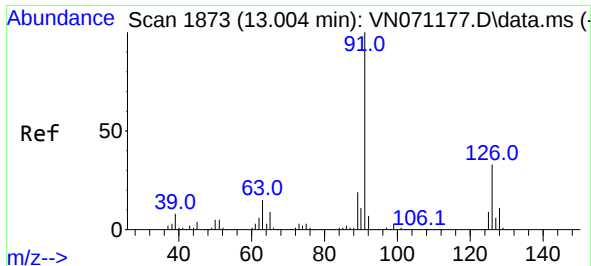
Tgt Ion: 75 Resp: 320352
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#



#78
n-propylbenzene
Concen: 4.086 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 91 Resp: 215028
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9

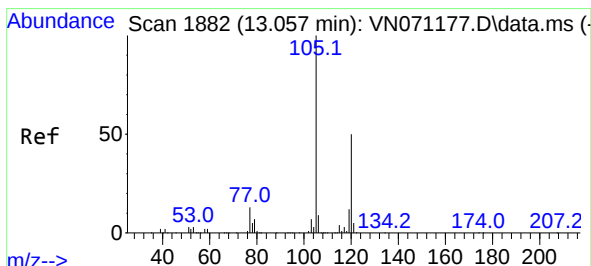
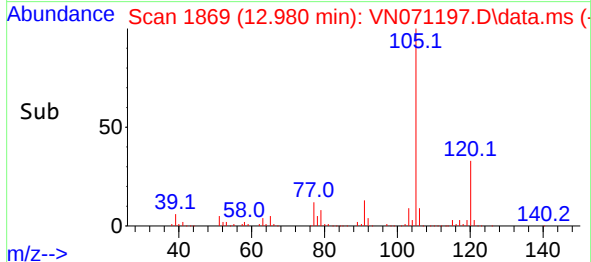
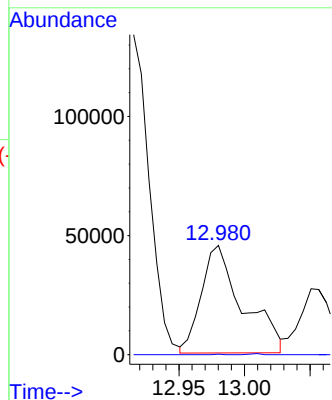
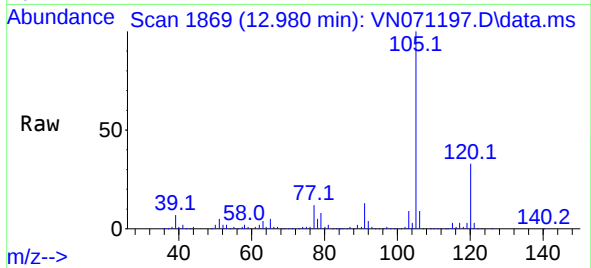




#79
2-Chlorotoluene
Concen: 2.938 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

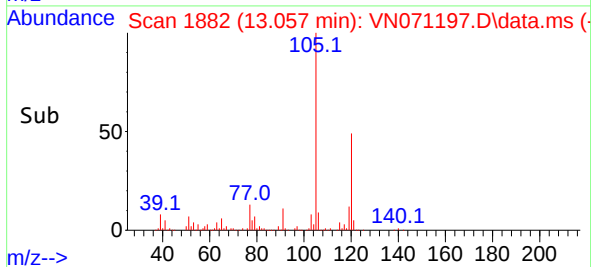
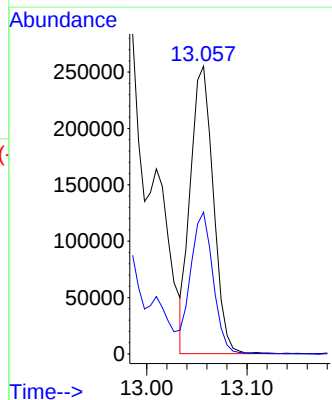
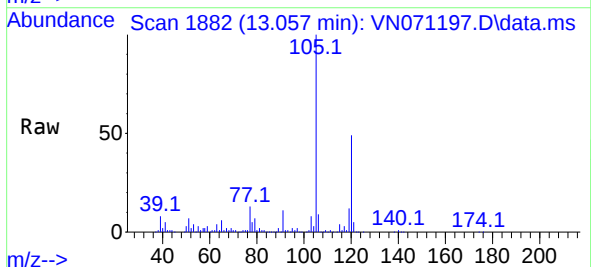
Instrument :
MSVOA_N
ClientSampleId :

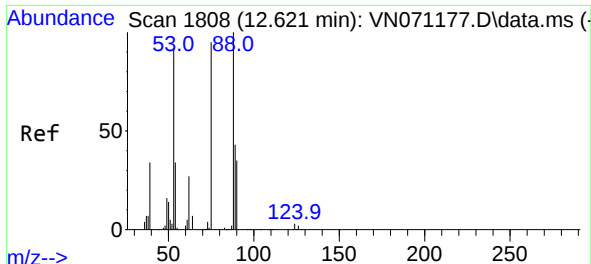
Tgt Ion: 91 Resp: 99252
Ion Ratio Lower Upper
91 100
126 0.1 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 10.587 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion:105 Resp: 403995
Ion Ratio Lower Upper
105 100
120 49.9 24.6 73.6

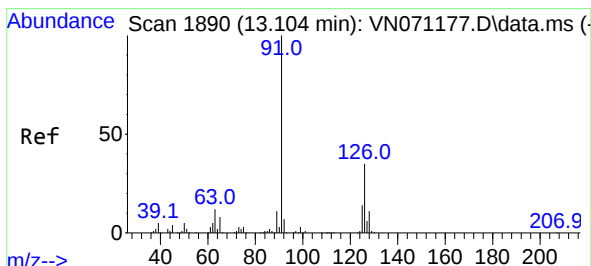
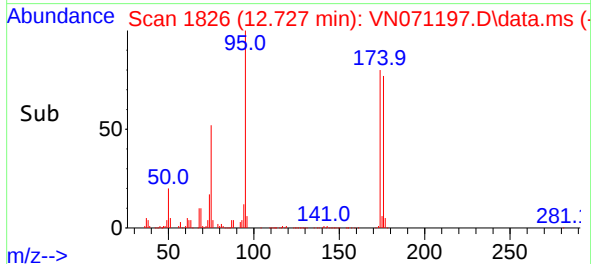
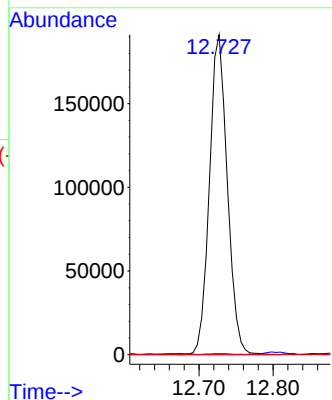
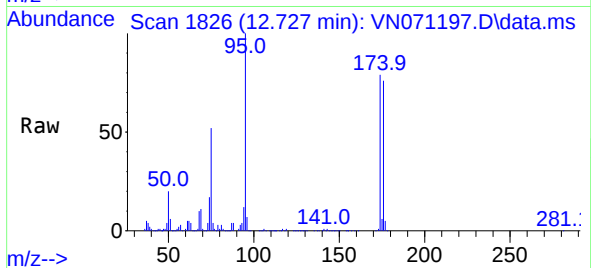




#81
trans-1,4-Dichloro-2-butene
Concen: 68.062 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

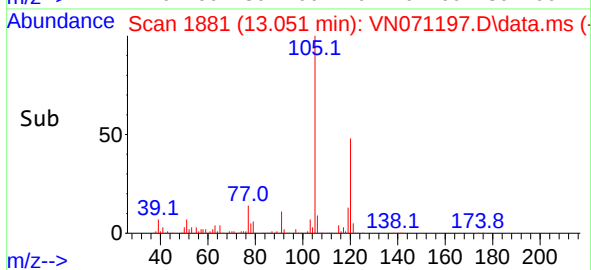
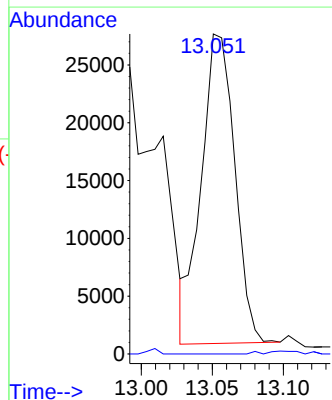
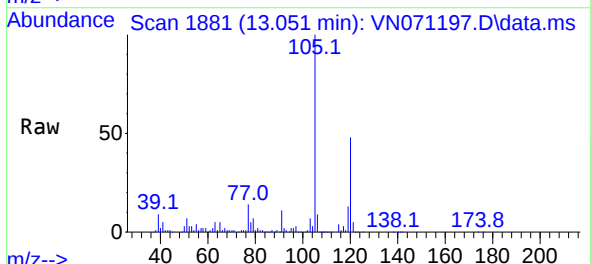
Instrument :
MSVOA_N
ClientSampleId :

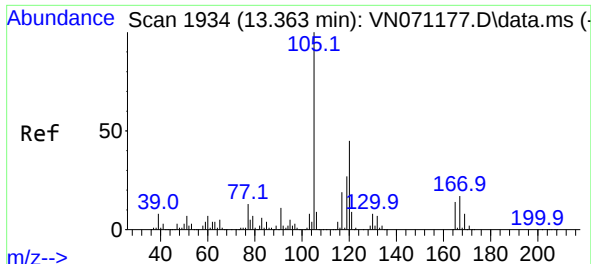
Tgt Ion: 75 Resp: 320352
Ion Ratio Lower Upper
75 100
53 0.4 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 1.461 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.053 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 91 Resp: 43967
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

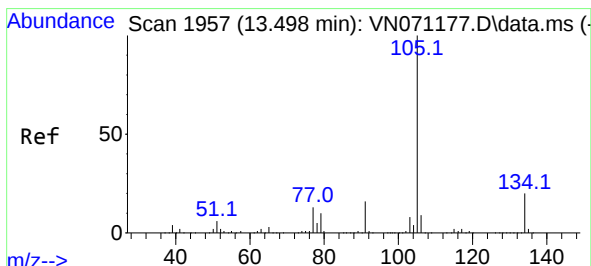
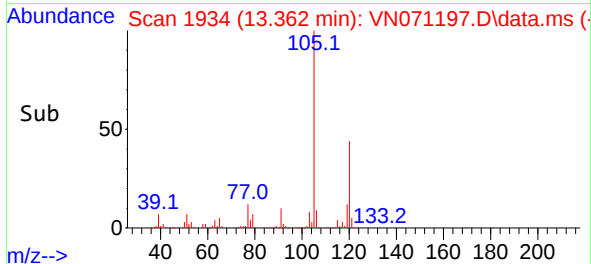
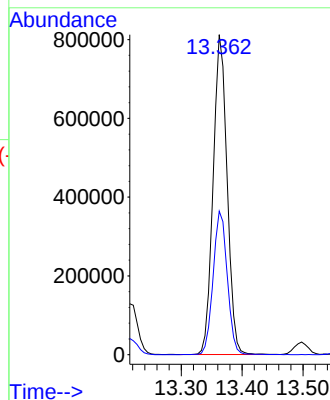
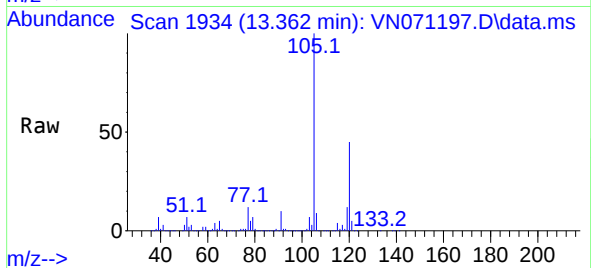




#84
1,2,4-Trimethylbenzene
Concen: 35.434 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

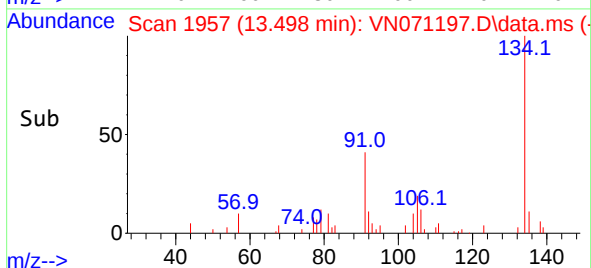
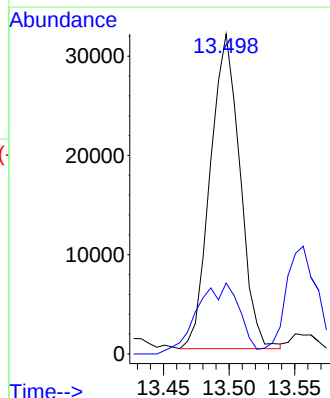
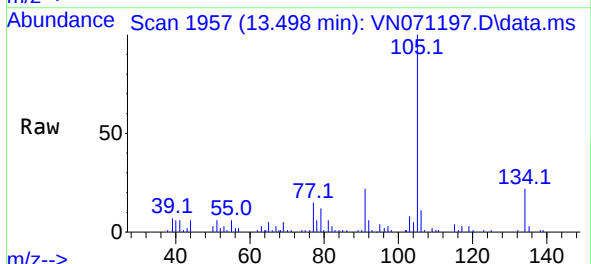
Instrument :
MSVOA_N
ClientSampleId :

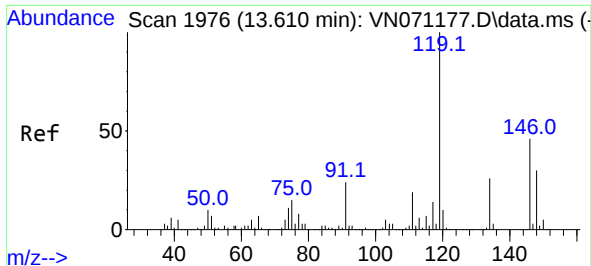
Tgt Ion:105 Resp: 1295116
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.103 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion:105 Resp: 49924
Ion Ratio Lower Upper
105 100
134 32.2 10.4 31.1#

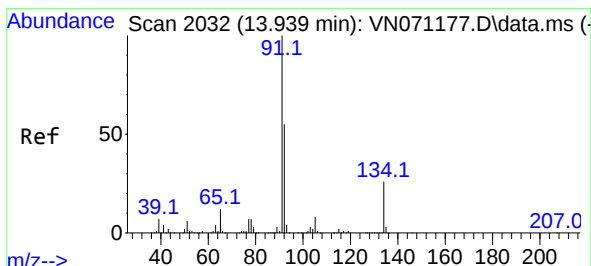
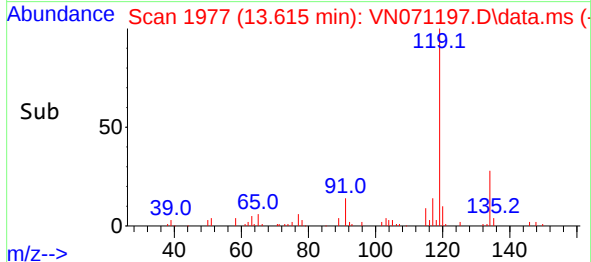
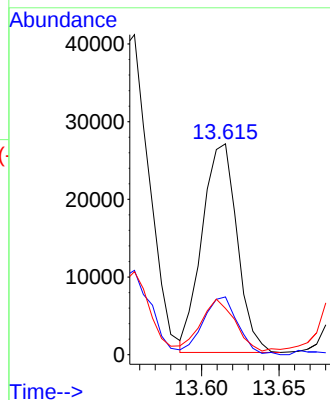
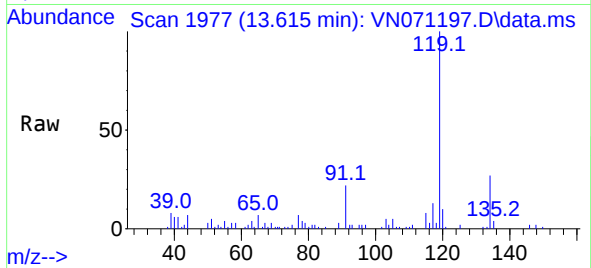




#86
p-Isopropyltoluene
Concen: 1.187 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

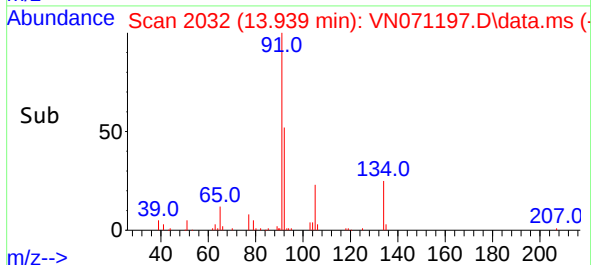
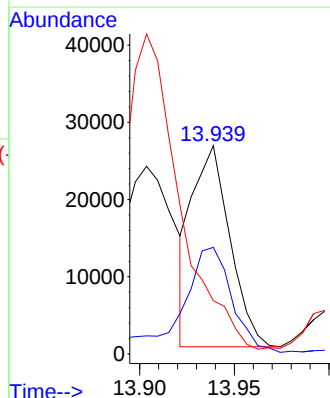
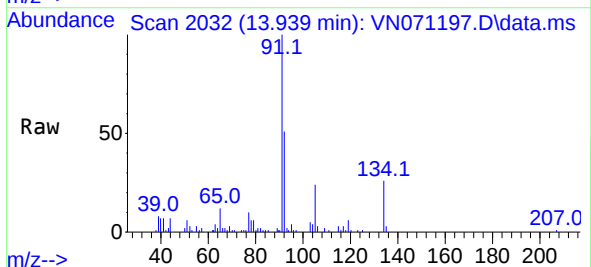
Instrument :
MSVOA_N
ClientSampleId :

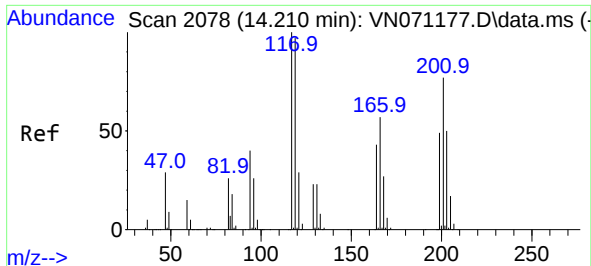
Tgt Ion:119 Resp: 42266
Ion Ratio Lower Upper
119 100
134 27.5 13.6 40.7
91 22.4 11.4 34.1



#89
n-Butylbenzene
Concen: 1.298 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 91 Resp: 36152
Ion Ratio Lower Upper
91 100
92 66.5 25.4 76.0
134 0.0 13.6 40.8#

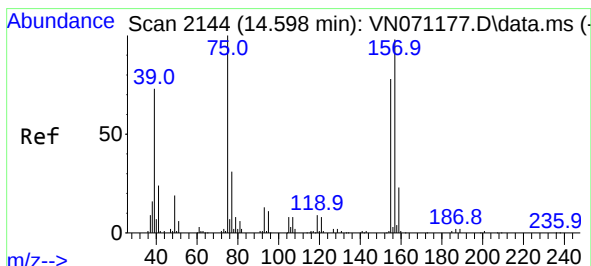
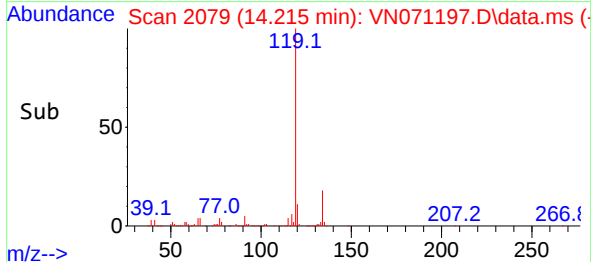
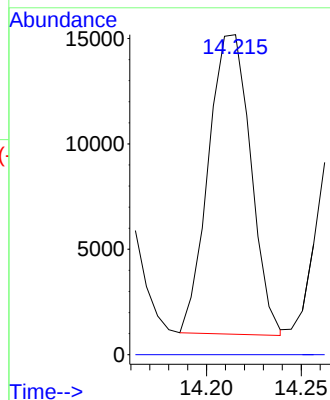
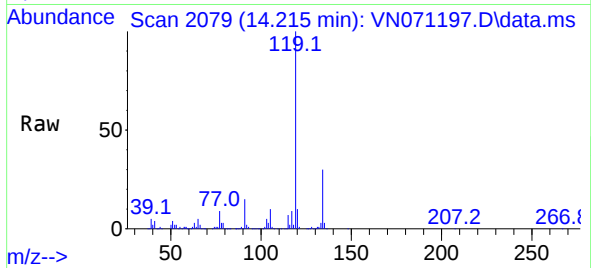




#90
Hexachloroethane
Concen: 3.114 ug/l
RT: 14.215 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

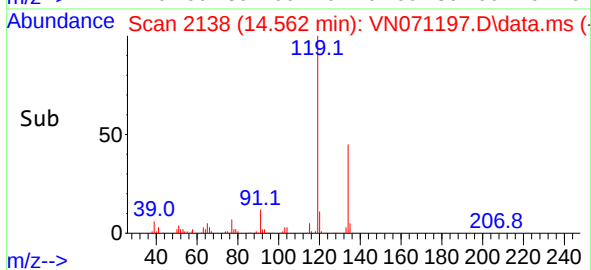
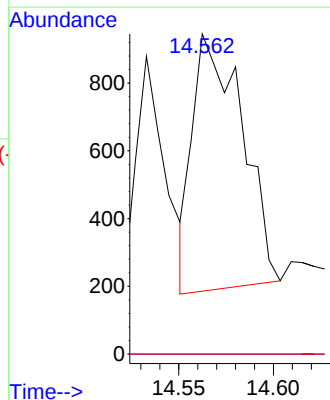
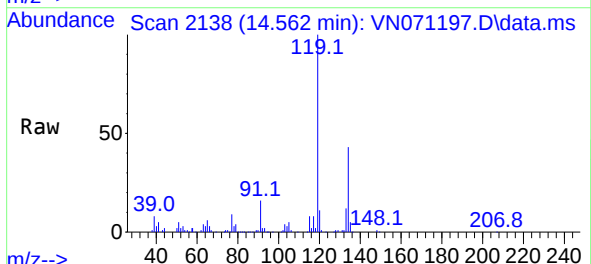
Instrument :
MSVOA_N
ClientSampleId :

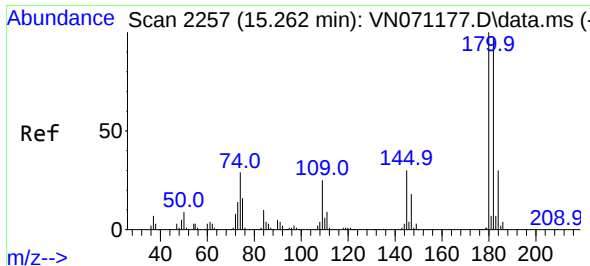
Tgt Ion:117 Resp: 22046
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.481 ug/l
RT: 14.562 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

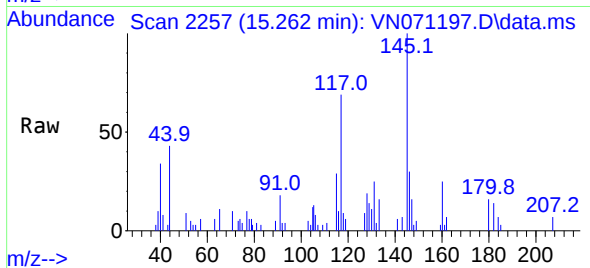
Tgt Ion: 75 Resp: 1373
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#



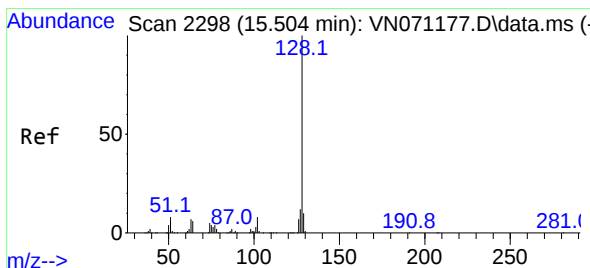
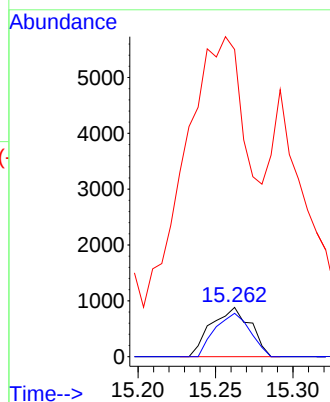
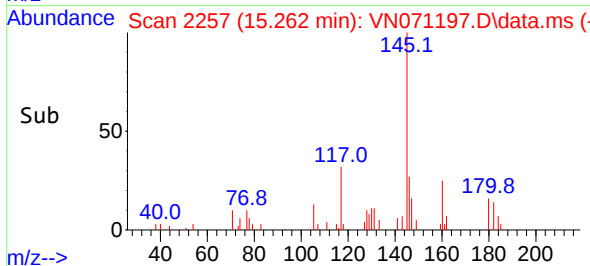


#93
1,2,4-Trichlorobenzene
Concen: 3.165 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

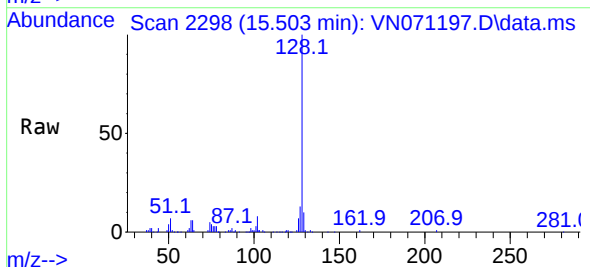
Instrument :
MSVOA_N
ClientSampleId :



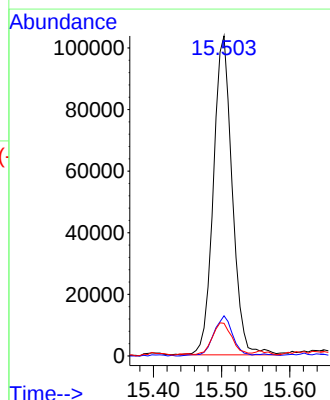
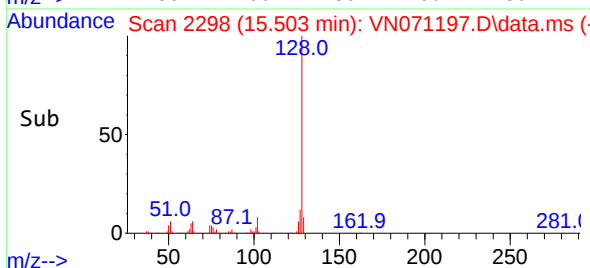
Tgt Ion:180 Resp: 1560
Ion Ratio Lower Upper
180 100
182 78.6 48.3 144.9
145 1105.4 14.5 43.5#

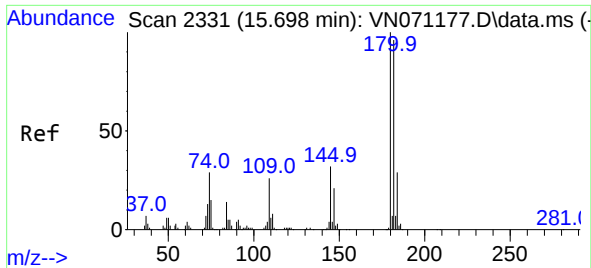


#95
Naphthalene
Concen: 12.745 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. -0.001 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05



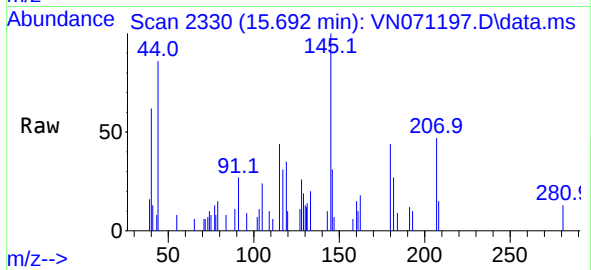
Tgt Ion:128 Resp: 199267
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.947 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN071197.D
 Acq: 08 Mar 2022 18:05

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1819
Ion	Ratio	Lower	Upper
180	100		
182	89.5	47.4	142.2
145	0.0	15.0	45.1#

