

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075158.D
 Acq On : 03 Nov 2022 20:49
 Operator : JC\MD
 Sample : N5418-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-L

Quant Time: Nov 04 04:12:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

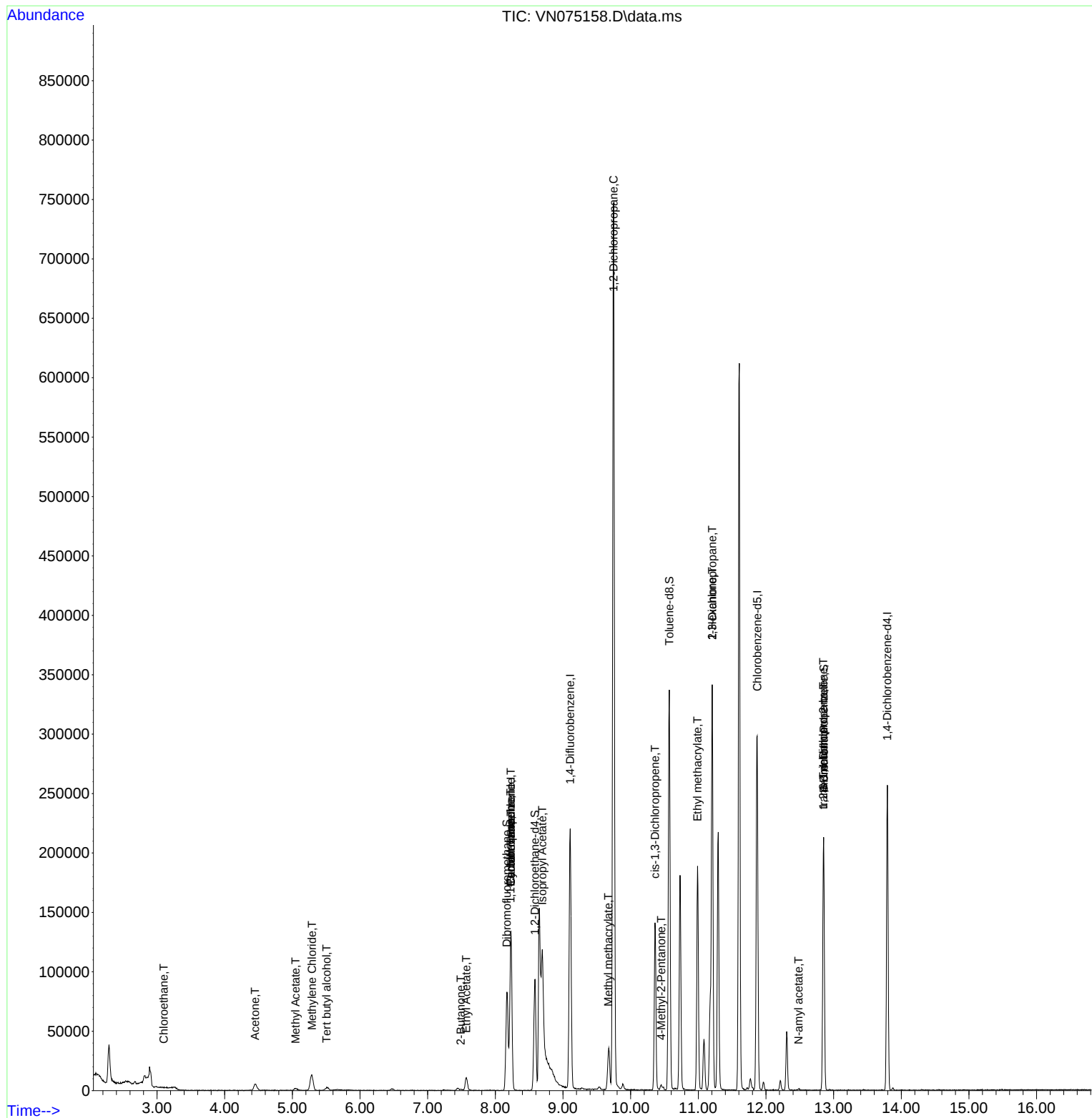
Internal Standards						
1) Pentafluorobenzene	8.230	168	91958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	190239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	171918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	64602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76599	61.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.640%			
35) Dibromofluoromethane	8.171	113	59595	53.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.720%			
50) Toluene-d8	10.571	98	233770	53.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.900%			
62) 4-Bromofluorobenzene	12.853	95	71695	47.104	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.200%			
Target Compounds						Qvalue
5) Bromomethane	2.912	94	239	Below Cal	#	73
6) Chloroethane	3.100	64	421	0.324	ug/l #	45
11) Tert butyl alcohol	5.506	59	2583	8.939	ug/l #	72
16) Acetone	4.447	43	11100	21.158	ug/l #	88
18) Methyl Acetate	5.047	43	4068	2.374	ug/l	99
20) Methylene Chloride	5.289	84	10925	9.340	ug/l	91
25) 2-Butanone	7.488	43	681	0.825	ug/l #	43
31) Cyclohexane	8.230	56	2316	1.257	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	8613	4.981	ug/l #	48
37) Ethyl Acetate	7.571	43	16345	8.620	ug/l	96
38) Carbon Tetrachloride	8.230	117	10567	5.556	ug/l #	16
43) Isopropyl Acetate	8.694	43	113966	38.748	ug/l #	81
45) 1,2-Dichloropropane	9.747	63	959	0.761	ug/l #	42
48) Methyl methacrylate	9.671	41	2266	1.680	ug/l #	35
51) 4-Methyl-2-Pentanone	10.453	43	5456	2.875	ug/l #	61
54) cis-1,3-Dichloropropene	10.359	75	25780	12.115	ug/l #	69
56) Ethyl methacrylate	10.988	69	747	0.349	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3813	1.632	ug/l #	42
59) 2-Hexanone	11.206	43	37539	26.060	ug/l #	54
71) Bromoform	12.853	173	553	0.543	ug/l #	1
74) N-amyl acetate	12.482	43	811	0.423	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	39482	28.784	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	39482	73.888	ug/l #	10

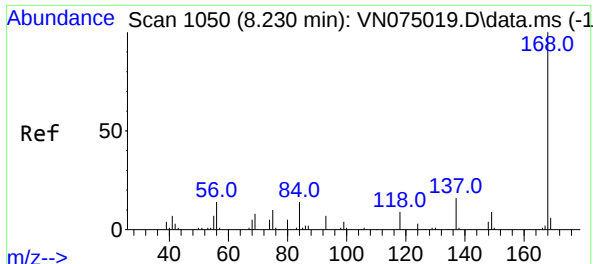
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
Data File : VN075158.D
Acq On : 03 Nov 2022 20:49
Operator : JC\MD
Sample : N5418-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-L

Quant Time: Nov 04 04:12:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

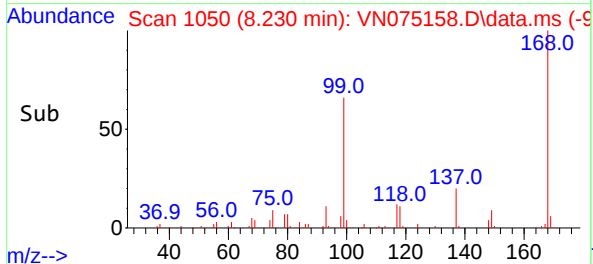
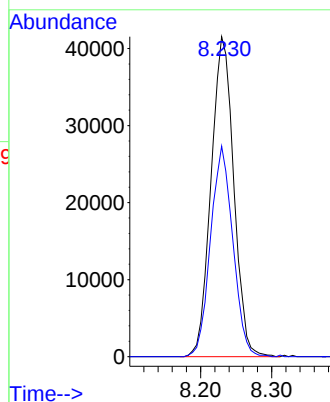
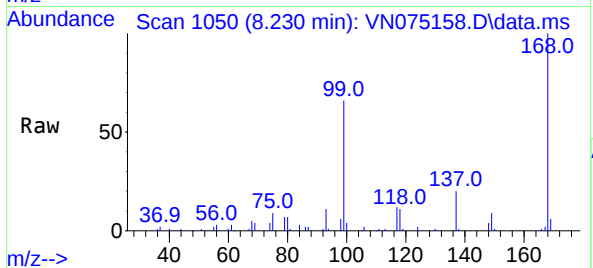




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

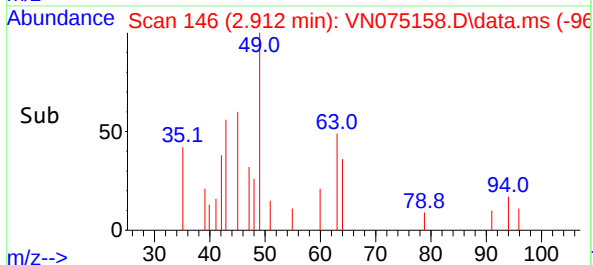
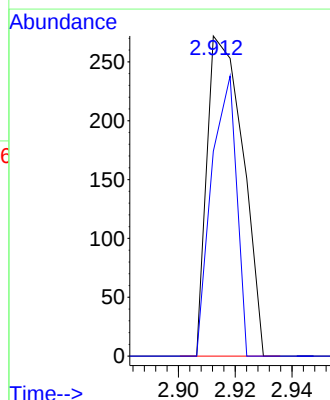
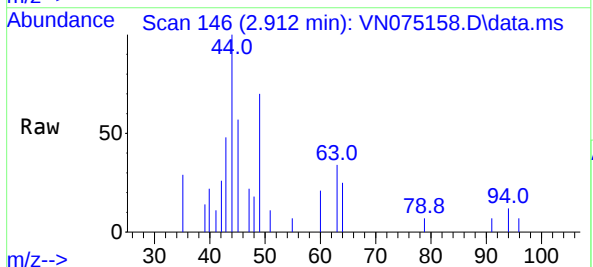
Instrument :
MSVOA_N
ClientSampleId :
TP-L

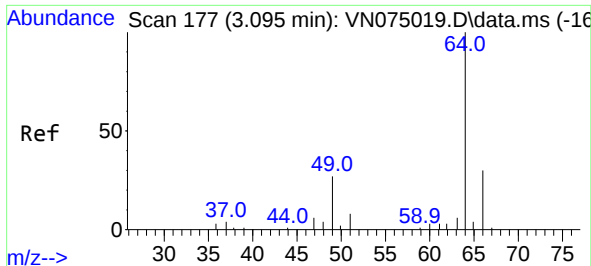
Tgt Ion:168 Resp: 91958
Ion Ratio Lower Upper
168 100
99 65.8 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.912 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion: 94 Resp: 239
Ion Ratio Lower Upper
94 100
96 64.0 71.8 107.6#

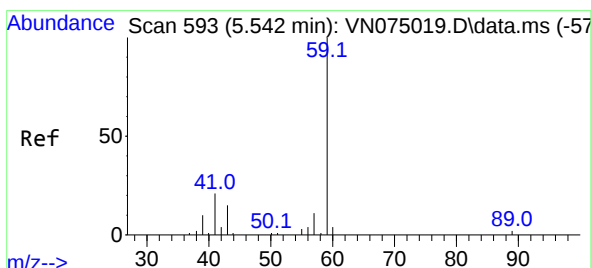
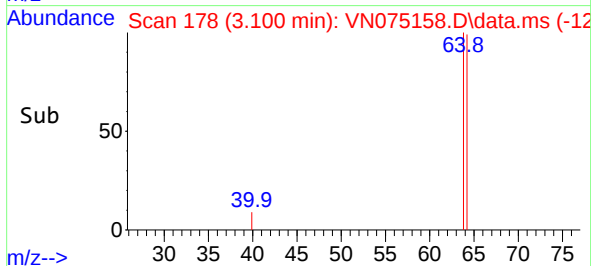
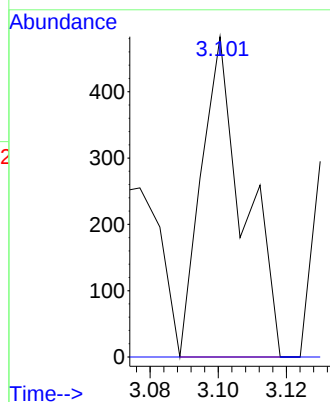
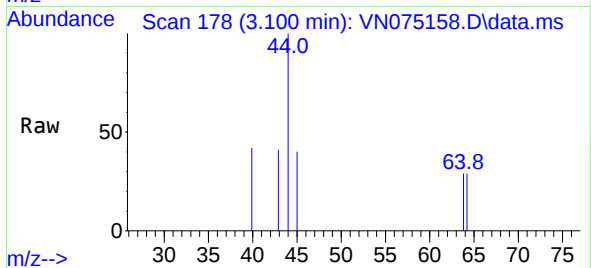




#6
Chloroethane
Concen: 0.324 ug/l
RT: 3.100 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

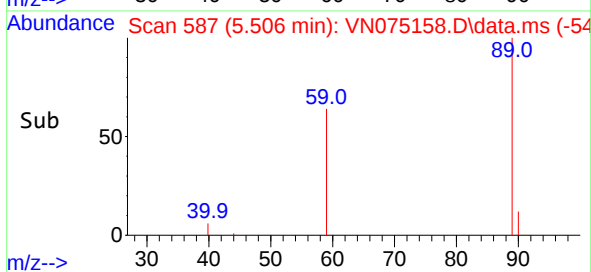
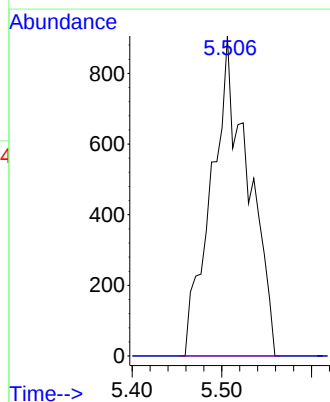
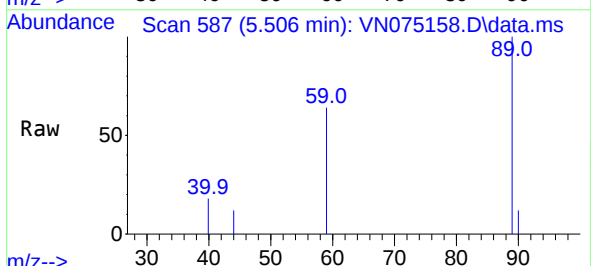
Instrument :
MSVOA_N
ClientSampleId :
TP-L

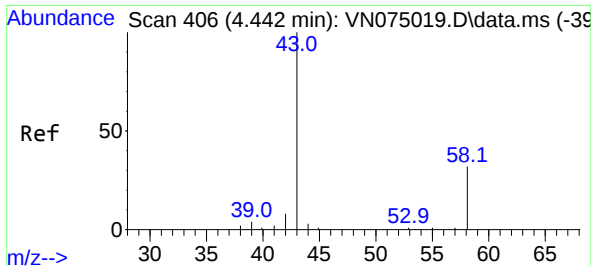
Tgt Ion: 64 Resp: 421
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 8.939 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion: 59 Resp: 2583
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

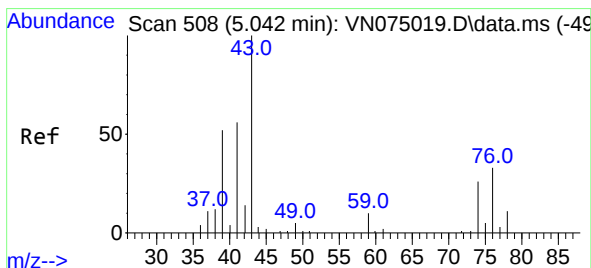
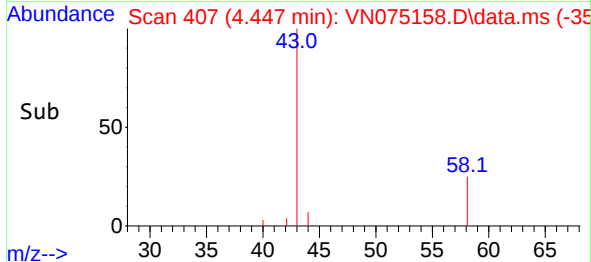
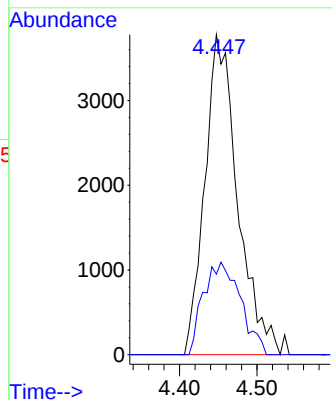
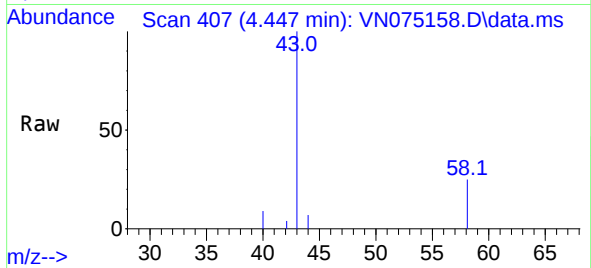




#16
Acetone
Concen: 21.158 ug/l
RT: 4.447 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

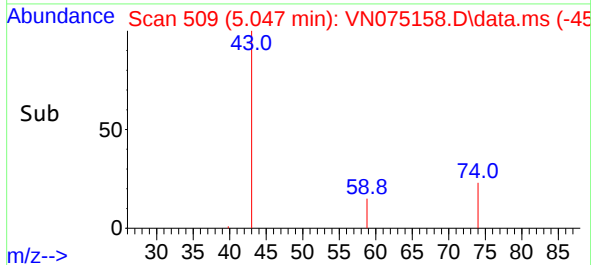
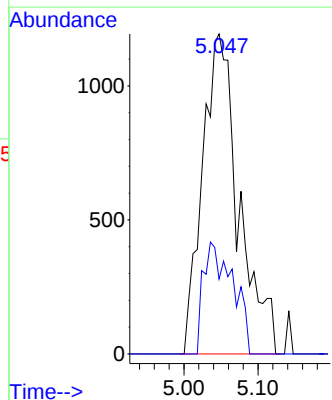
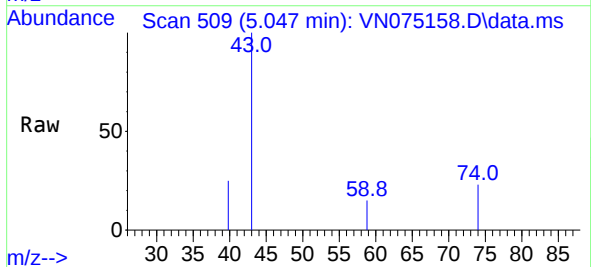
Instrument :
MSVOA_N
ClientSampleId :
TP-L

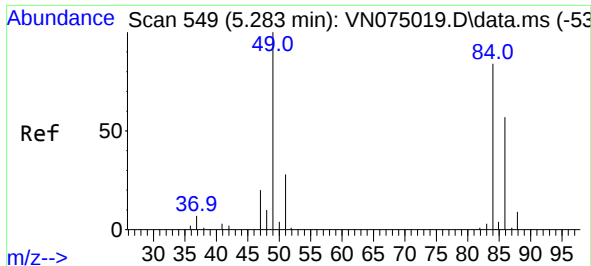
Tgt Ion: 43 Resp: 11100
Ion Ratio Lower Upper
43 100
58 25.2 25.5 38.3#



#18
Methyl Acetate
Concen: 2.374 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion: 43 Resp: 4068
Ion Ratio Lower Upper
43 100
74 28.2 22.0 33.0



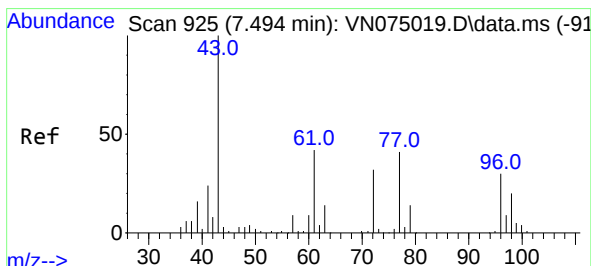
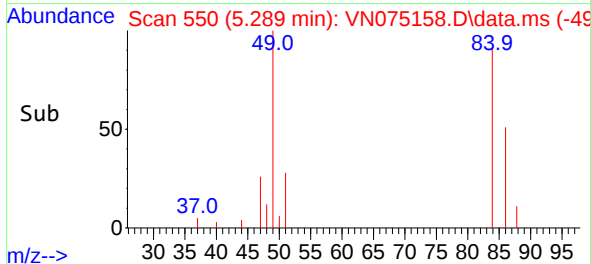
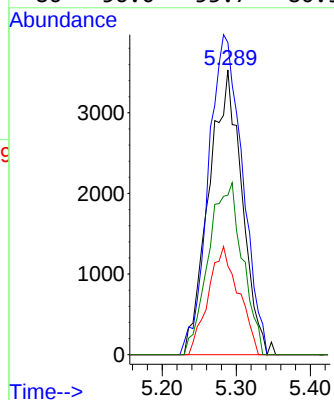
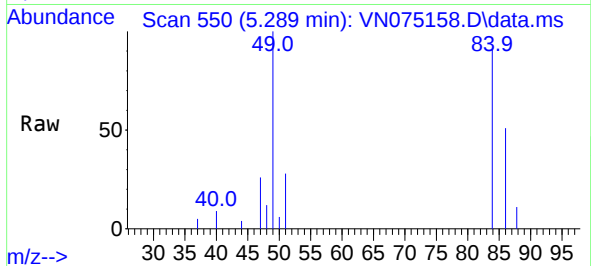


#20
Methylene Chloride
Concen: 9.340 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Instrument :
MSVOA_N
ClientSampleId :
TP-L

Tgt Ion: 84 Resp: 10925

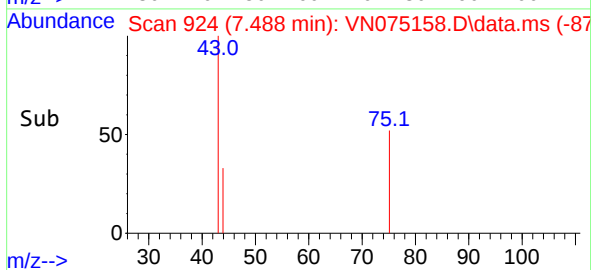
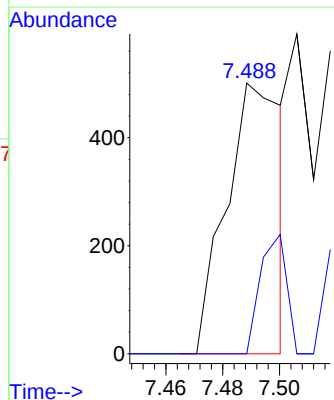
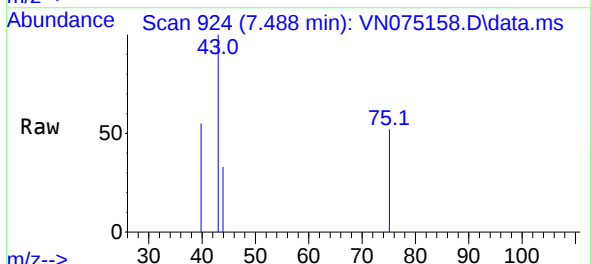
Ion	Ratio	Lower	Upper
84	100		
49	109.6	94.9	142.3
51	31.1	26.8	40.2
86	56.0	53.7	80.5

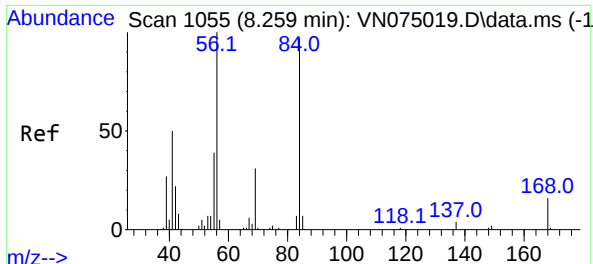


#25
2-Butanone
Concen: 0.825 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.006 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion: 43 Resp: 681

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#

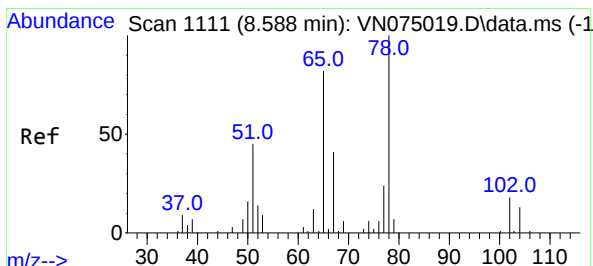
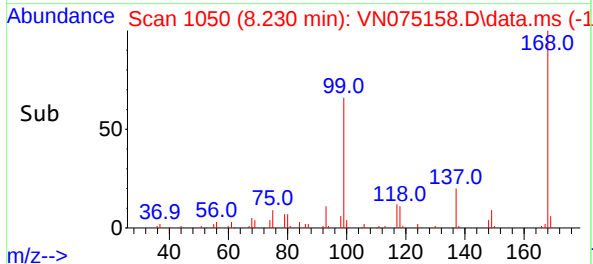
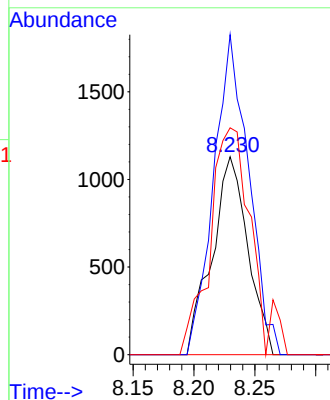
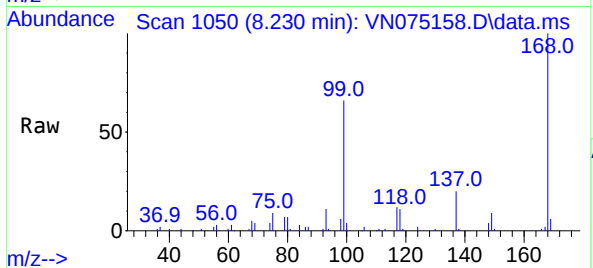




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

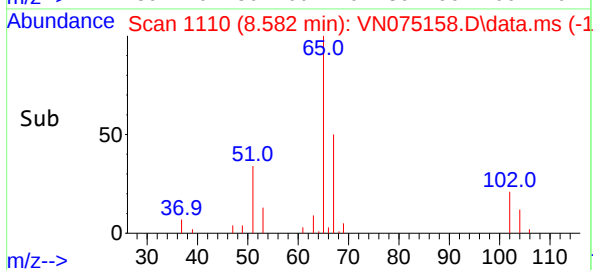
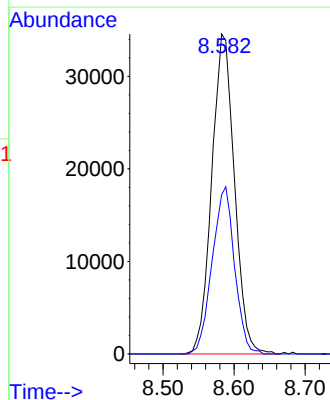
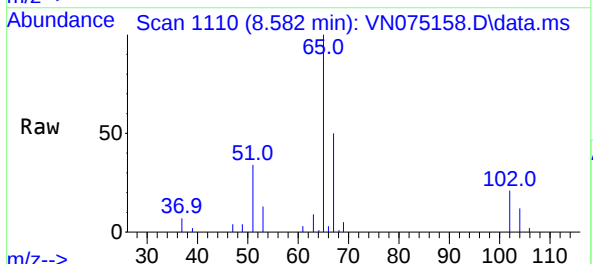
Instrument :
MSVOA_N
ClientSampleId :
TP-L

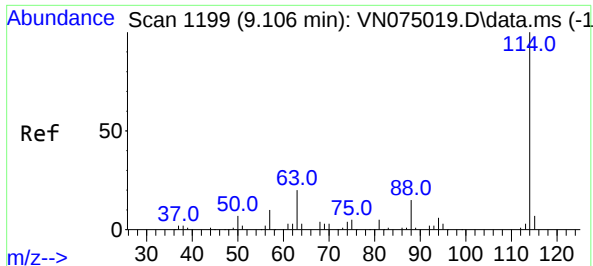
Tgt Ion: 56 Resp: 2316
Ion Ratio Lower Upper
56 100
69 161.7 25.2 37.8#
84 114.7 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 61.822 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion: 65 Resp: 76599
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0

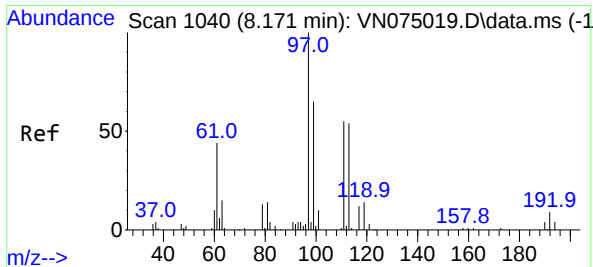
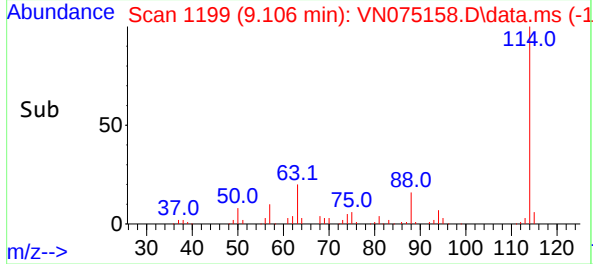
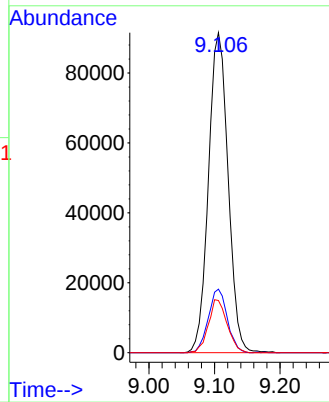
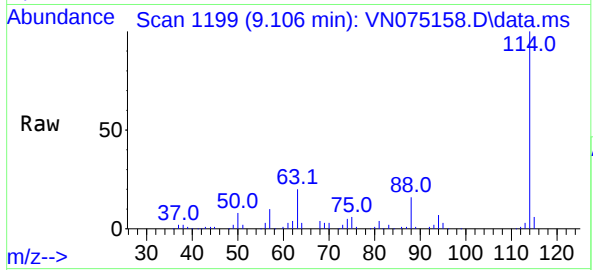




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

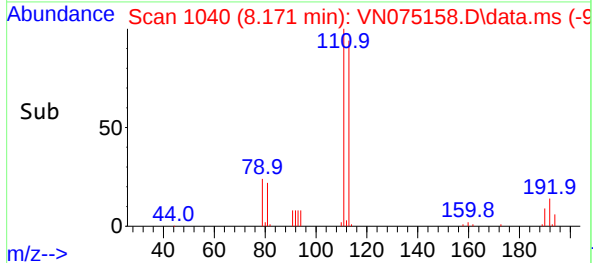
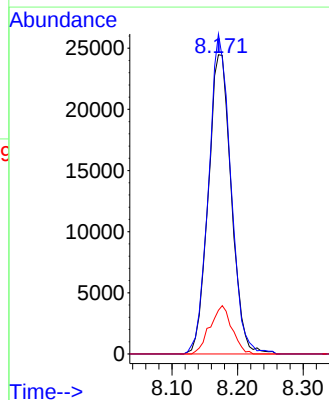
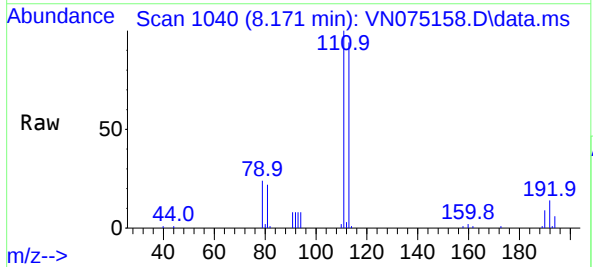
Instrument :
MSVOA_N
ClientSampleId :
TP-L

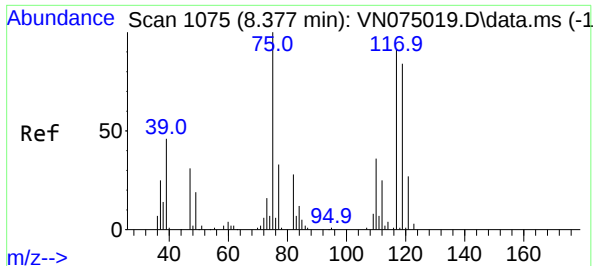
Tgt Ion:114 Resp: 190239
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 16.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.362 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion:113 Resp: 59595
Ion Ratio Lower Upper
113 100
111 103.3 80.5 120.7
192 15.4 13.2 19.8

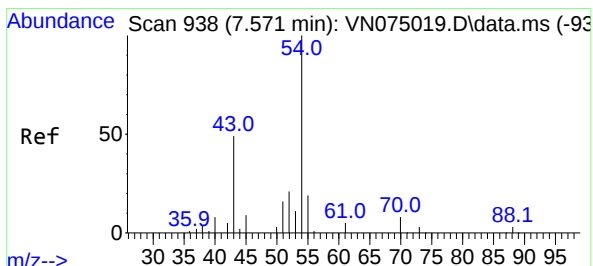
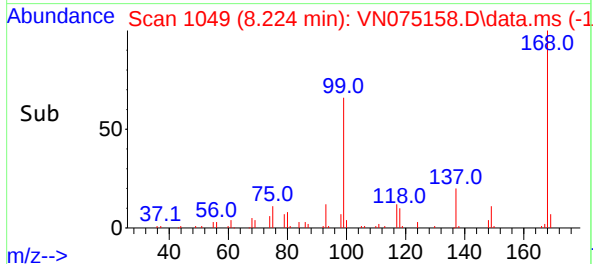
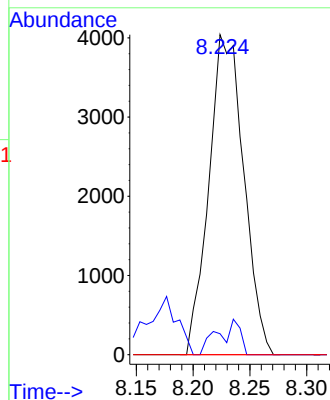
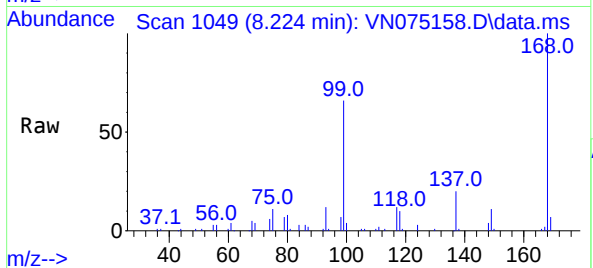




#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

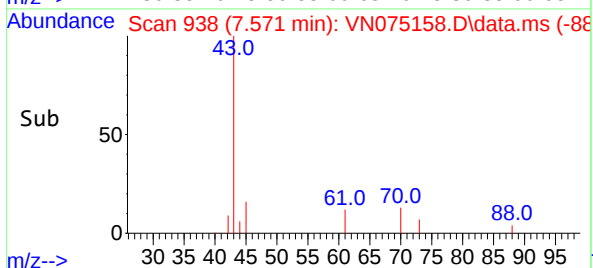
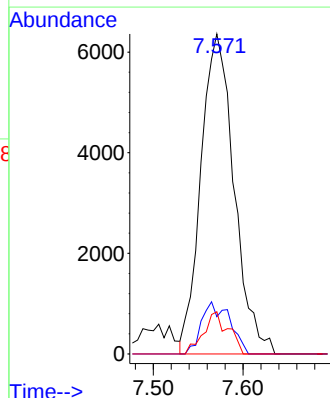
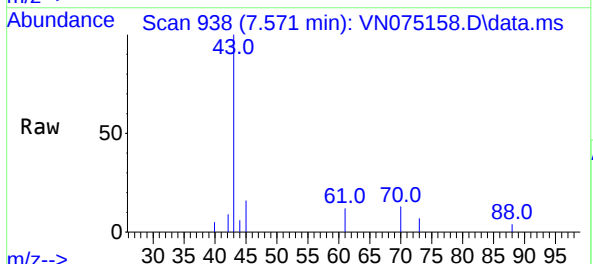
Instrument :
MSVOA_N
ClientSampleId :
TP-L

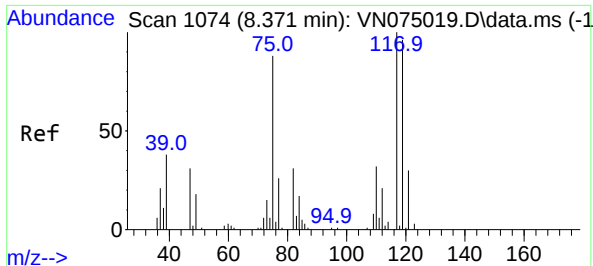
Tgt Ion: 75 Resp: 8613
Ion Ratio Lower Upper
75 100
110 7.0 17.8 53.3#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 8.620 ug/l
RT: 7.571 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

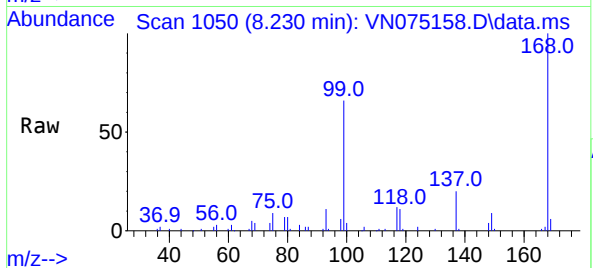
Tgt Ion: 43 Resp: 16345
Ion Ratio Lower Upper
43 100
61 13.9 12.2 18.4
70 9.7 9.4 14.2



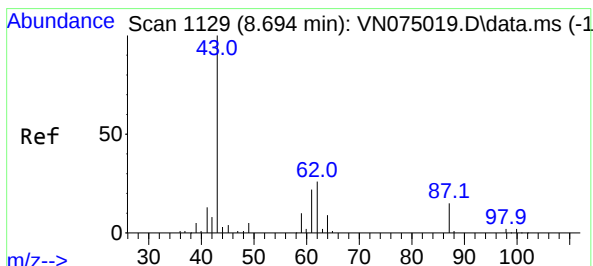
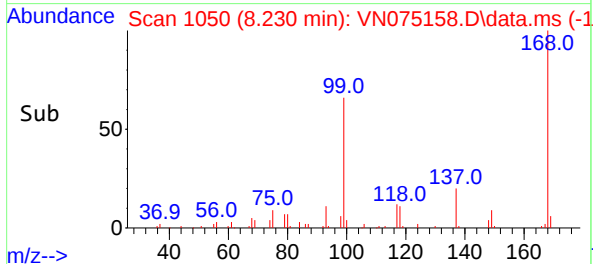
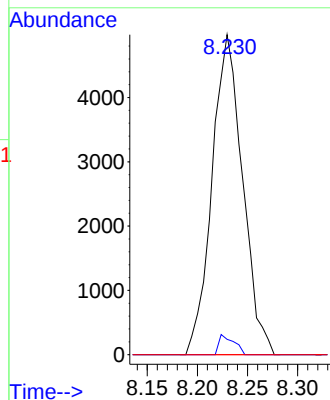


#38
Carbon Tetrachloride
Concen: 5.556 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Instrument :
MSVOA_N
ClientSampleId :
TP-L

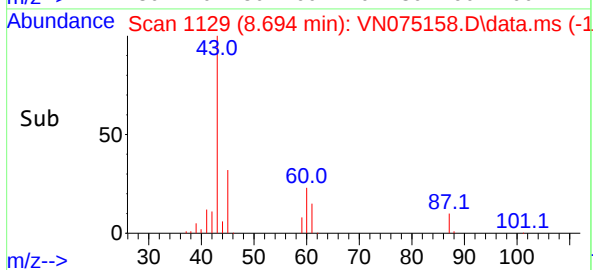
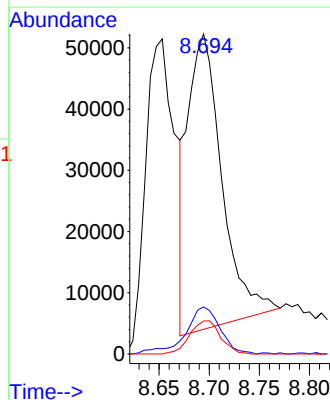
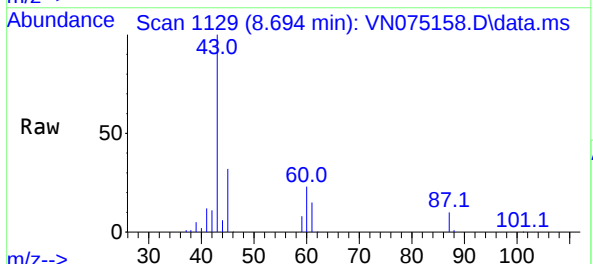


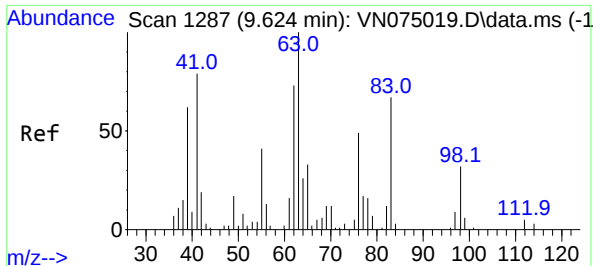
Tgt Ion:117 Resp: 10567
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 38.748 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion: 43 Resp: 113966
Ion Ratio Lower Upper
43 100
61 16.1 22.4 33.6#
87 10.1 12.5 18.7#





#45

1,2-Dichloropropane

Concen: 0.761 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN075158.D

Acq: 03 Nov 2022 20:49

Instrument :

MSVOA_N

ClientSampleId :

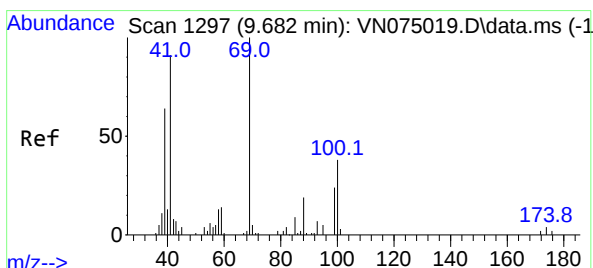
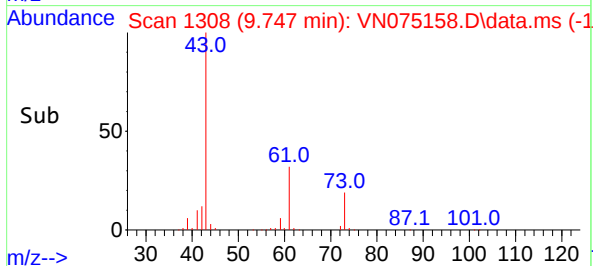
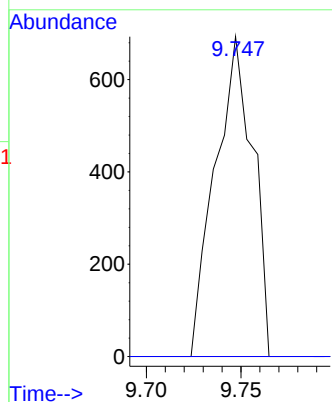
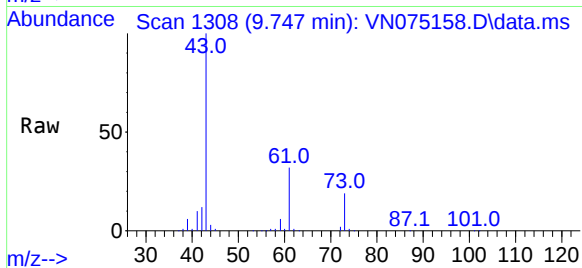
TP-L

Tgt Ion: 63 Resp: 959

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 1.680 ug/l

RT: 9.671 min Scan# 1295

Delta R.T. -0.011 min

Lab File: VN075158.D

Acq: 03 Nov 2022 20:49

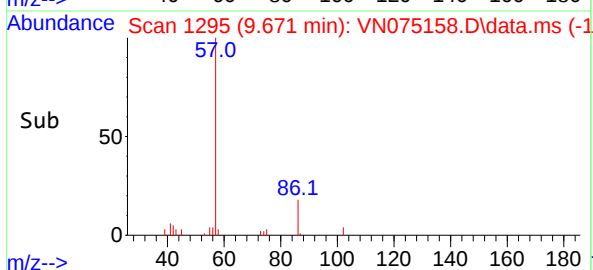
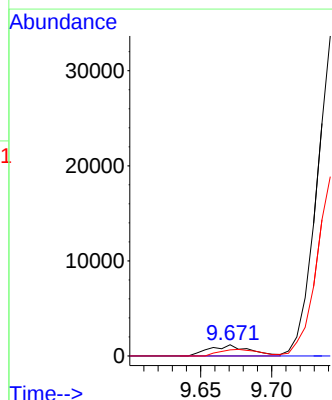
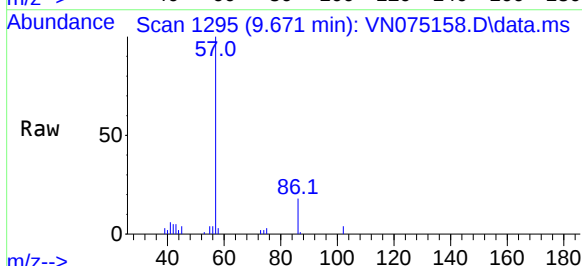
Tgt Ion: 41 Resp: 2266

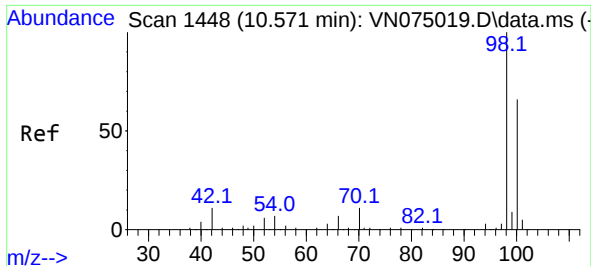
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 57.2 56.2 84.2

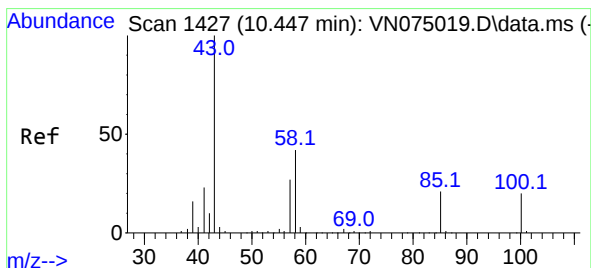
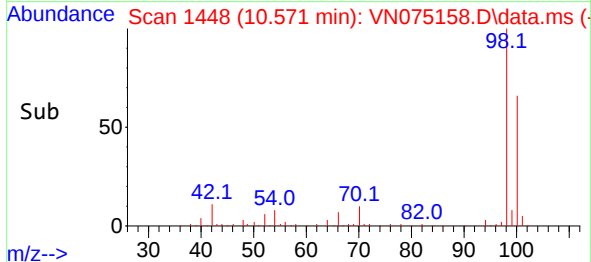
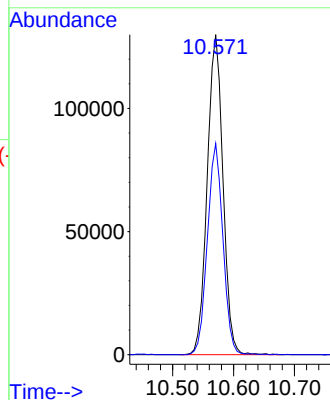
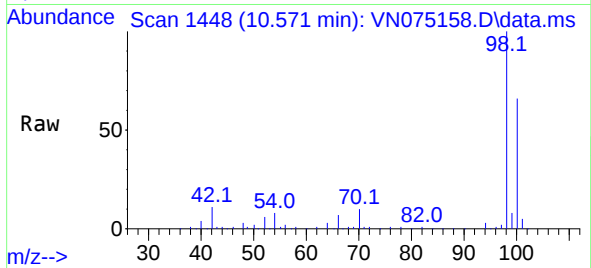




#50
Toluene-d8
Concen: 53.953 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

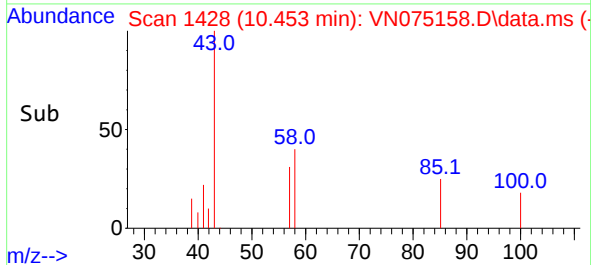
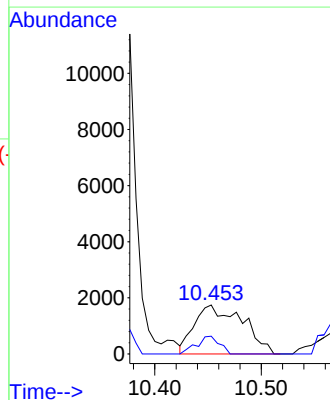
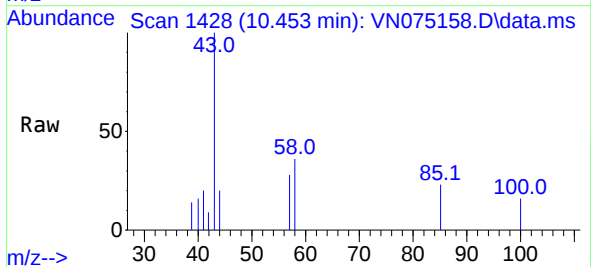
Instrument :
MSVOA_N
ClientSampleId :
TP-L

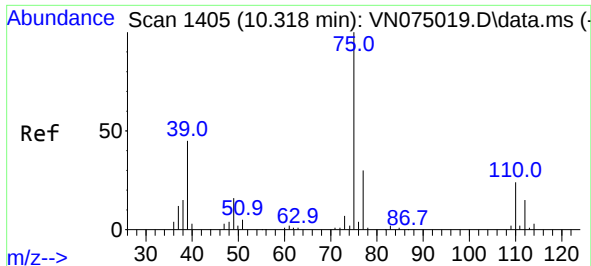
Tgt Ion: 98 Resp: 233770
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 2.875 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion: 43 Resp: 5456
Ion Ratio Lower Upper
43 100
58 17.3 33.6 50.4#

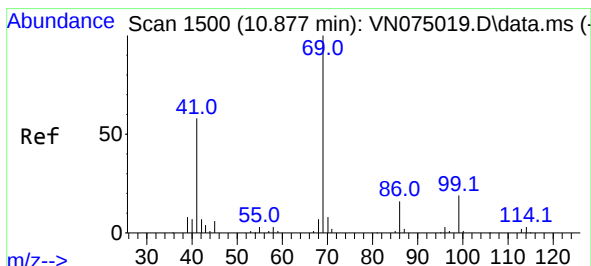
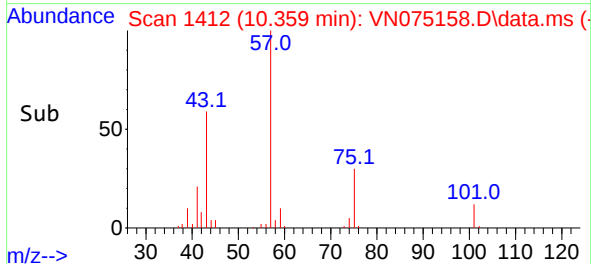
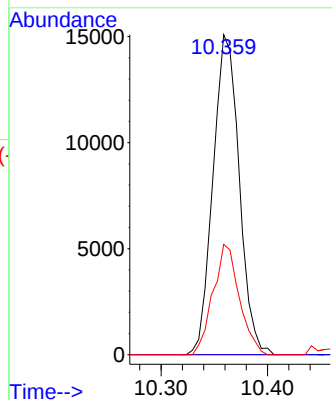
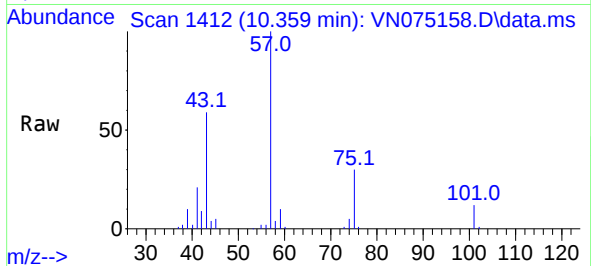




#54
cis-1,3-Dichloropropene
Concen: 12.115 ug/l
RT: 10.359 min Scan# 1405
Delta R.T. 0.041 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

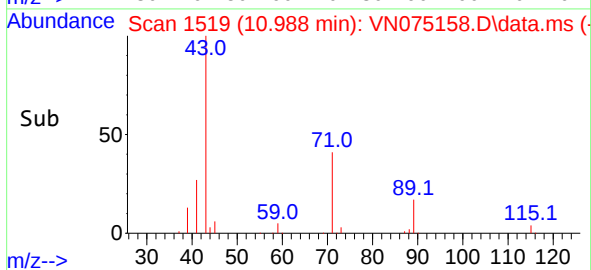
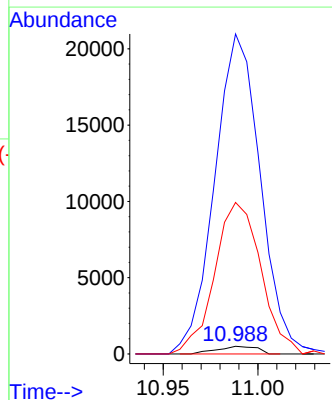
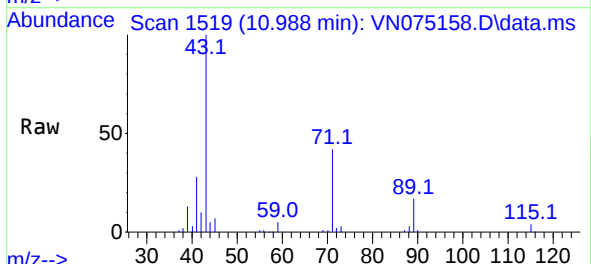
Instrument :
MSVOA_N
ClientSampleId :
TP-L

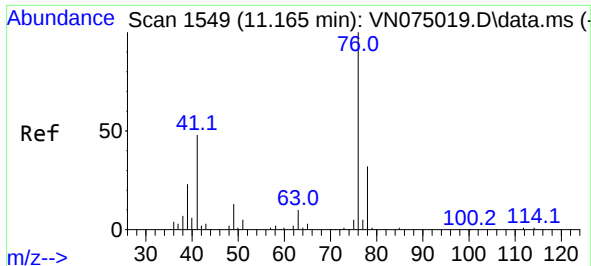
Tgt Ion: 75 Resp: 25780
Ion Ratio Lower Upper
75 100
77 0.0 23.7 35.5#
39 34.4 35.8 53.6#



#56
Ethyl methacrylate
Concen: 0.349 ug/l
RT: 10.988 min Scan# 1519
Delta R.T. 0.111 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion: 69 Resp: 747
Ion Ratio Lower Upper
69 100
41 4726.6 45.6 68.4#
39 2269.9 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.632 ug/l

RT: 11.206 min Scan# 1556

Delta R.T. 0.041 min

Lab File: VN075158.D

Acq: 03 Nov 2022 20:49

Instrument :

MSVOA_N

ClientSampleId :

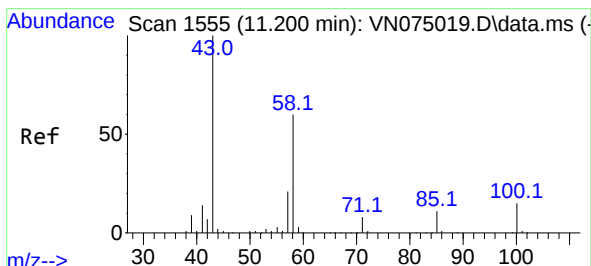
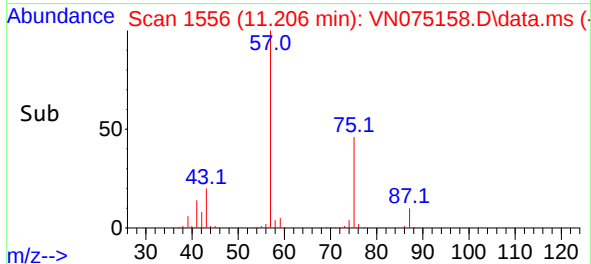
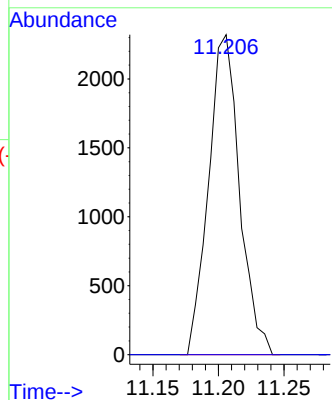
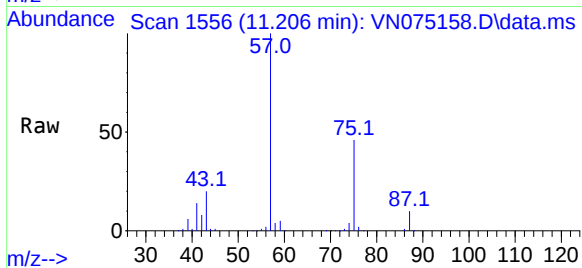
TP-L

Tgt Ion: 76 Resp: 3813

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 26.060 ug/l

RT: 11.206 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN075158.D

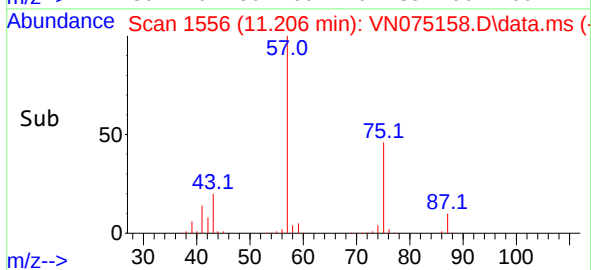
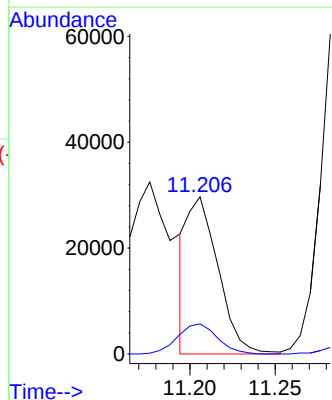
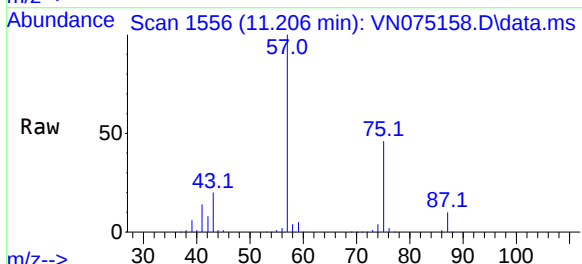
Acq: 03 Nov 2022 20:49

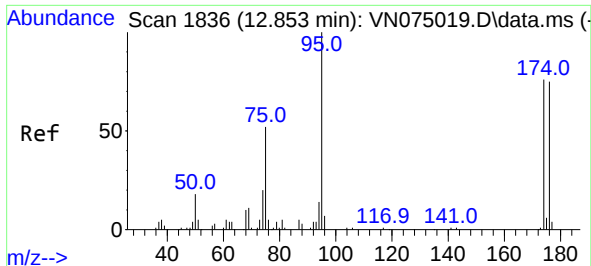
Tgt Ion: 43 Resp: 37539

Ion Ratio Lower Upper

43 100

58 24.6 29.6 88.8#

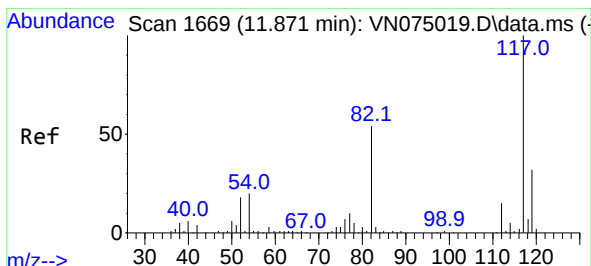
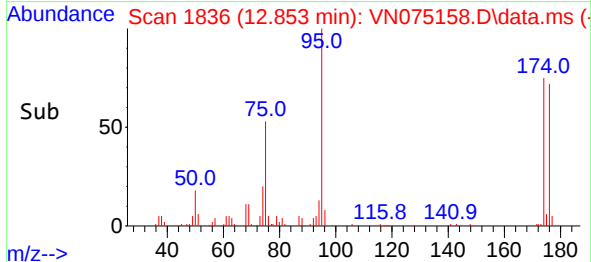
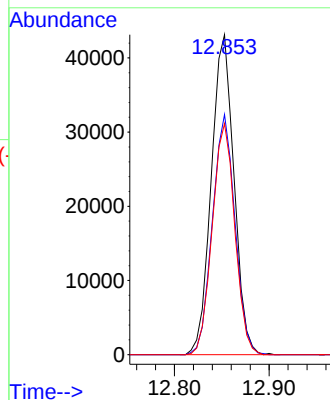
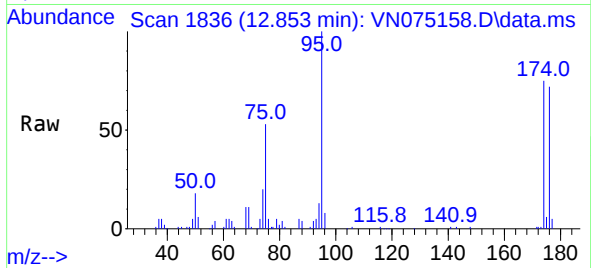




#62
4-Bromofluorobenzene
Concen: 47.104 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

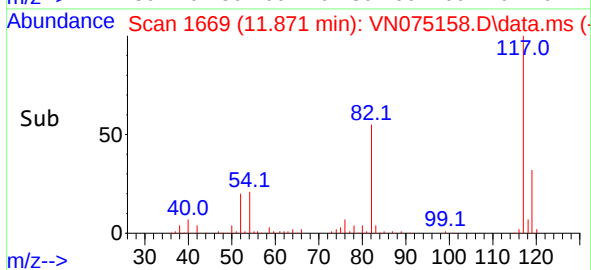
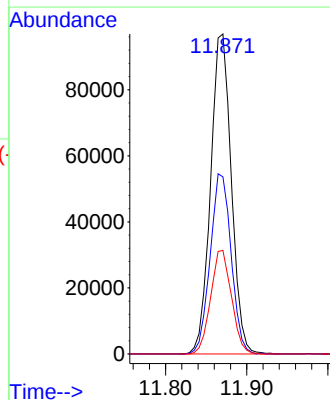
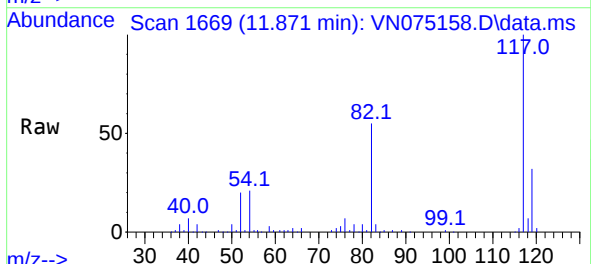
Instrument :
MSVOA_N
ClientSampleId :
TP-L

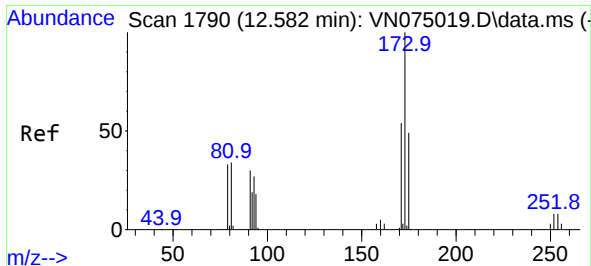
Tgt Ion: 95 Resp: 71695
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.4
176 71.8 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion: 117 Resp: 171918
Ion Ratio Lower Upper
117 100
82 55.3 43.1 64.7
119 32.3 25.5 38.3

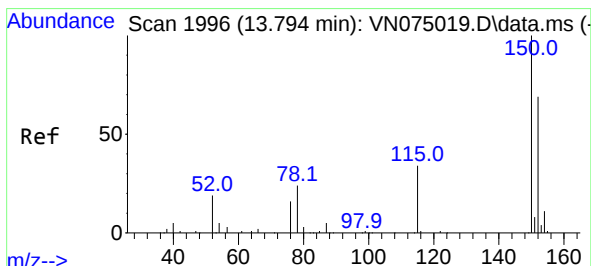
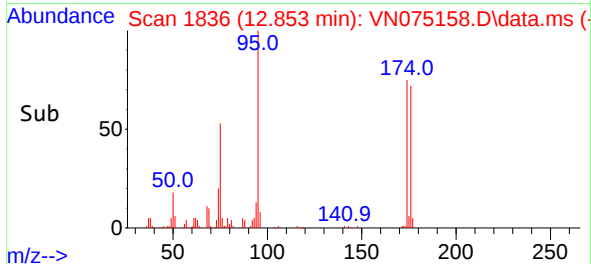
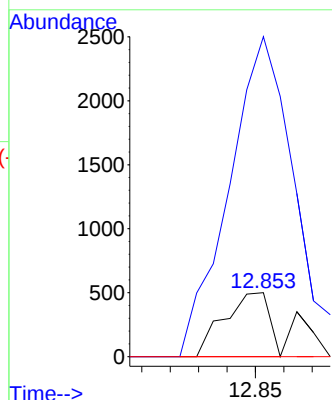
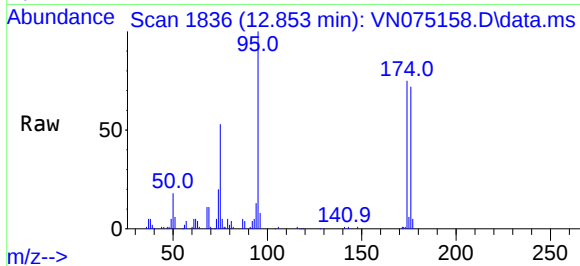




#71
Bromoform
Concen: 0.543 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

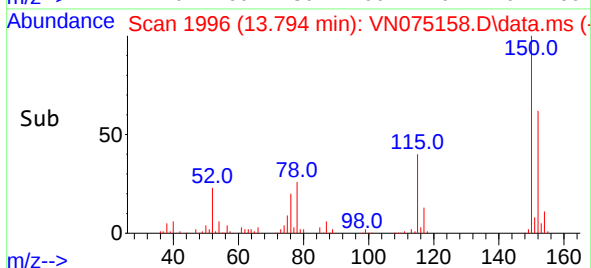
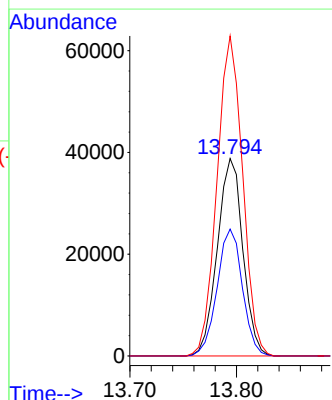
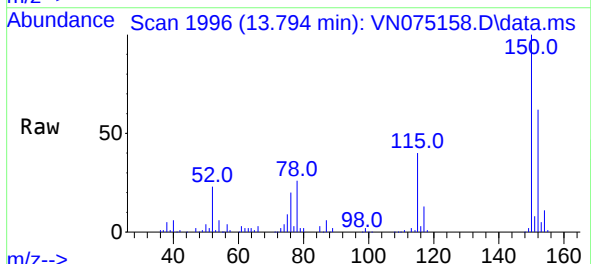
Instrument :
MSVOA_N
ClientSampleId :
TP-L

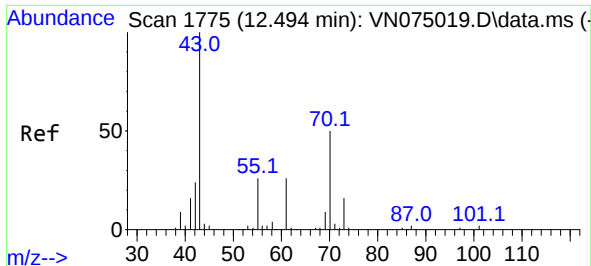
Tgt Ion:173 Resp: 553
Ion Ratio Lower Upper
173 100
175 587.2 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion:152 Resp: 64602
Ion Ratio Lower Upper
152 100
115 63.6 30.2 90.6
150 162.2 0.0 348.4



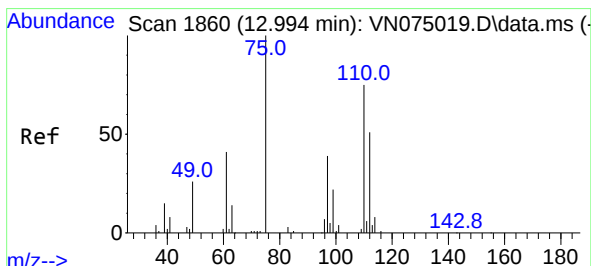
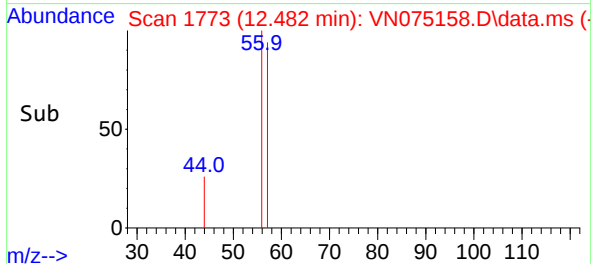
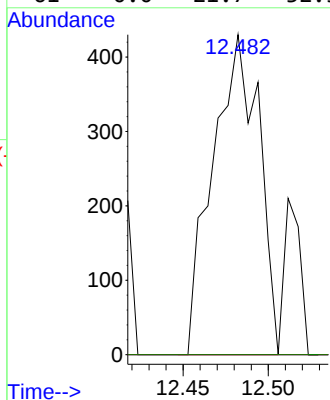
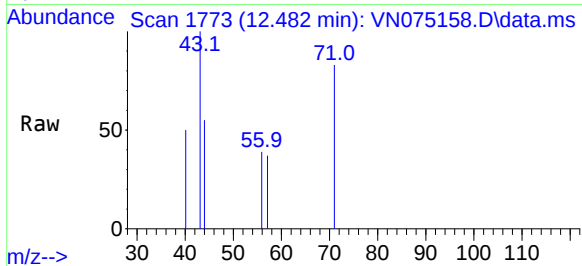


#74
N-amy1 acetate
Concen: 0.423 ug/l
RT: 12.482 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Instrument :
MSVOA_N
ClientSampleId :
TP-L

Tgt Ion: 43 Resp: 811

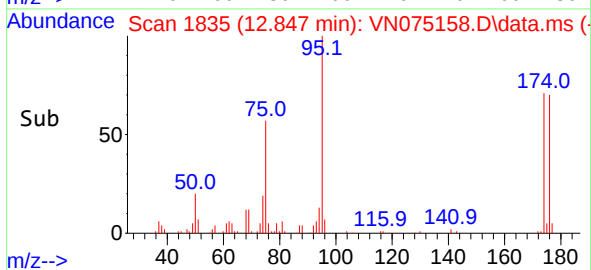
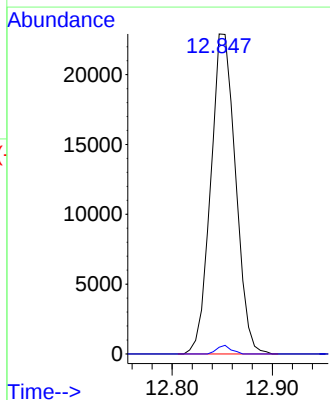
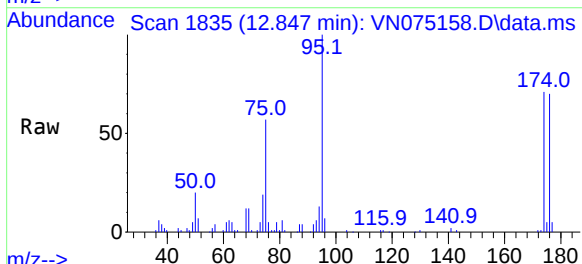
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.8	59.8#
55	0.0	19.9	29.9#
61	0.0	21.7	32.5#

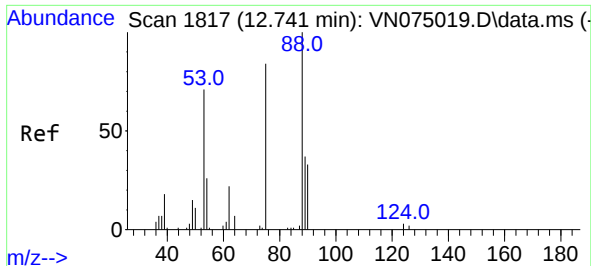


#76
1,2,3-Trichloropropane
Concen: 28.784 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Tgt Ion: 75 Resp: 39482

Ion	Ratio	Lower	Upper
75	100		
77	1.5	75.6	226.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.888 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN075158.D
Acq: 03 Nov 2022 20:49

Instrument :
MSVOA_N
ClientSampleId :
TP-L

Tgt Ion: 75 Resp: 39482
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

