

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075036.D
 Acq On : 27 Oct 2022 13:19
 Operator : JC\MD
 Sample : N5303-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1837

Quant Time: Oct 28 02:13:52 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)

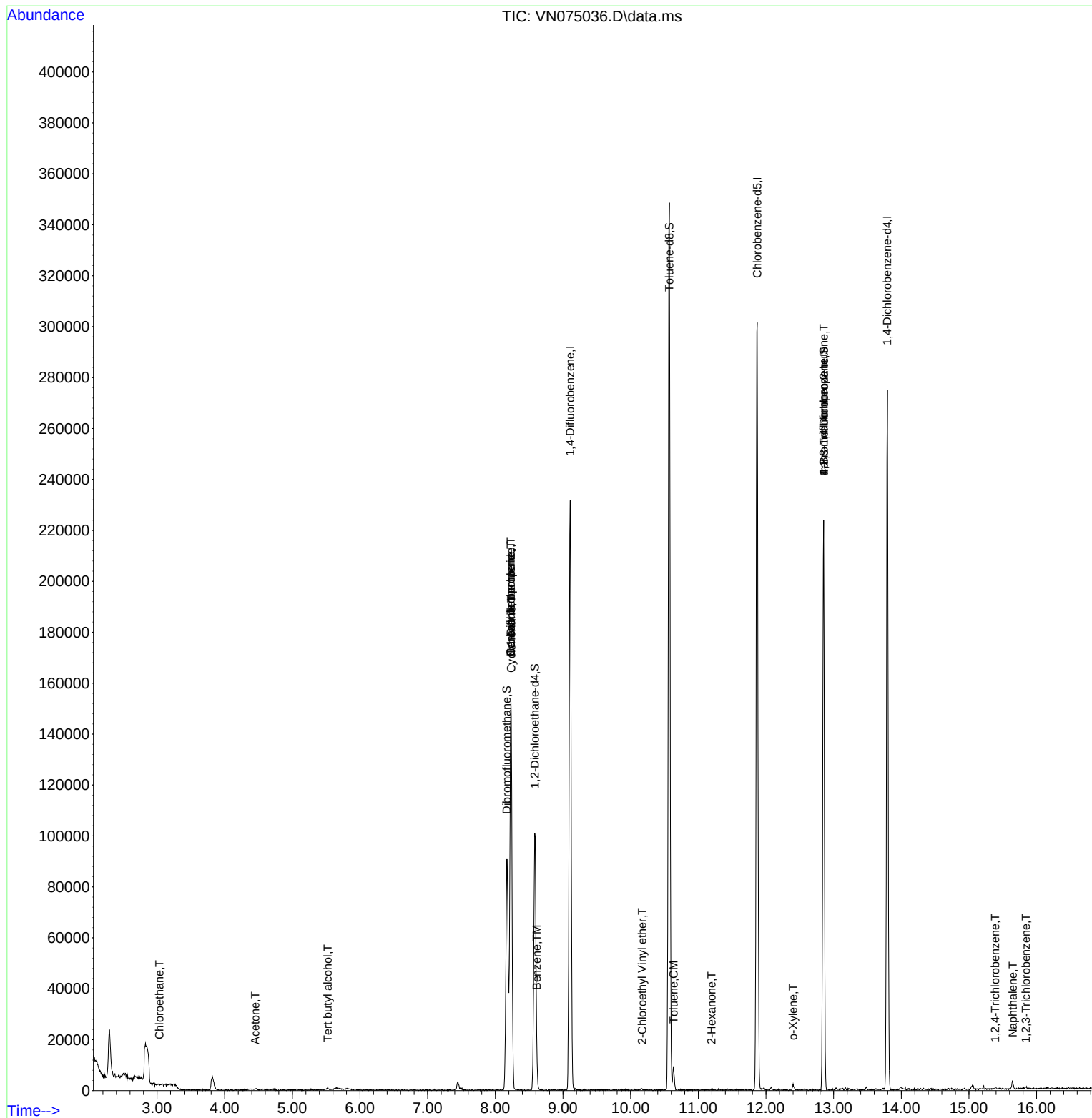
Internal Standards						
1) Pentafluorobenzene	8.230	168	109318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	202910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	173771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	82410	55.950	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.900%
35) Dibromofluoromethane	8.171	113	63396	53.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.440%
50) Toluene-d8	10.571	98	245221	53.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.120%
62) 4-Bromofluorobenzene	12.853	95	72691	44.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.560%
Target Compounds						
					Qvalue	
5) Bromomethane	2.948	94	288	Below Cal		87
6) Chloroethane	3.036	64	618	0.400	ug/l #	45
11) Tert butyl alcohol	5.524	59	125	0.364	ug/l #	72
16) Acetone	4.453	43	570	0.914	ug/l #	43
31) Cyclohexane	8.235	56	2746	1.254	ug/l #	55
36) 1,1-Dichloropropene	8.230	75	9261	5.022	ug/l #	52
38) Carbon Tetrachloride	8.230	117	11990	5.911	ug/l #	15
40) Benzene	8.612	78	2316	0.410	ug/l	99
52) Toluene	10.635	92	3860	1.023	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.171	63	296	0.335	ug/l #	44
59) 2-Hexanone	11.194	43	347	0.226	ug/l #	48
69) o-Xylene	12.400	106	574	0.217	ug/l	68
76) 1,2,3-Trichloropropane	12.853	75	42443	28.450	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	42443	73.031	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.388	180	343	0.330	ug/l	77
95) Naphthalene	15.647	128	3332	0.833	ug/l	95
96) 1,2,3-Trichlorobenzene	15.841	180	326	0.315	ug/l #	61

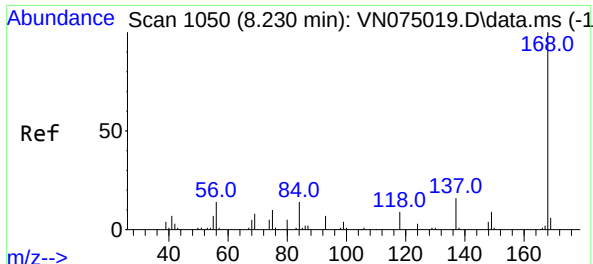
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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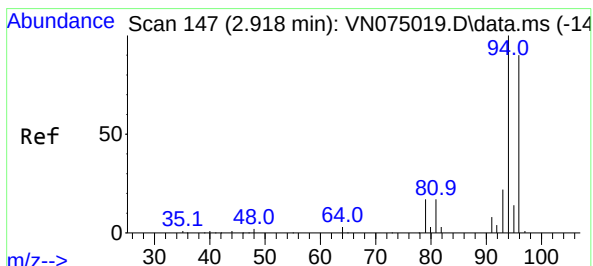
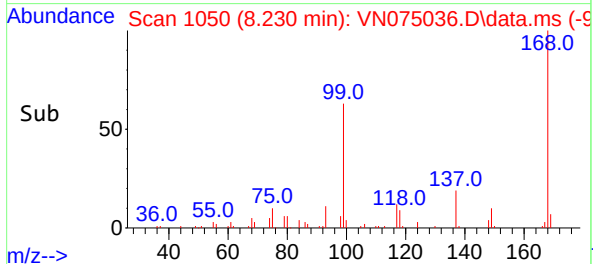
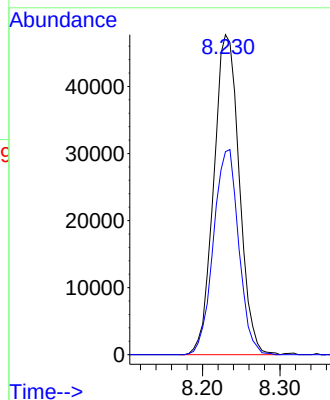
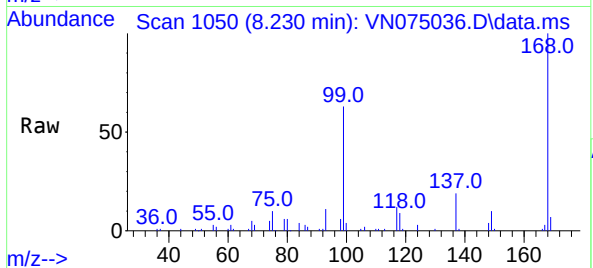




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

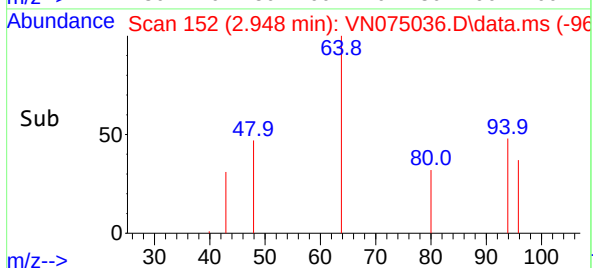
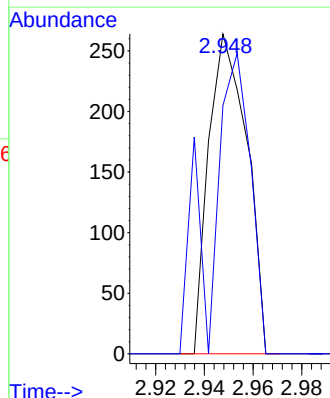
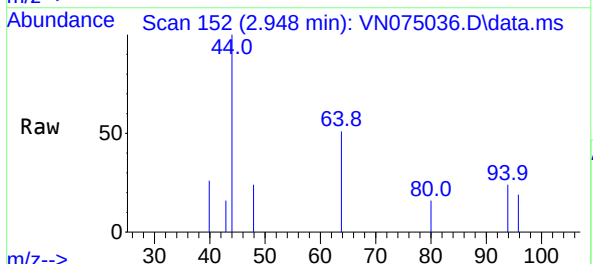
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

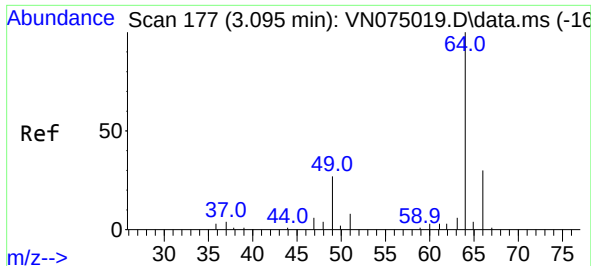
Tgt Ion:168 Resp: 109318
Ion Ratio Lower Upper
168 100
99 63.5 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 152
Delta R.T. 0.030 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 77.7 71.8 107.6

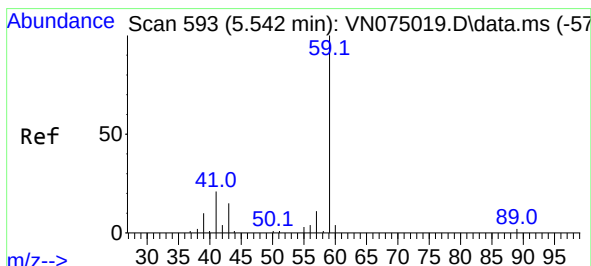
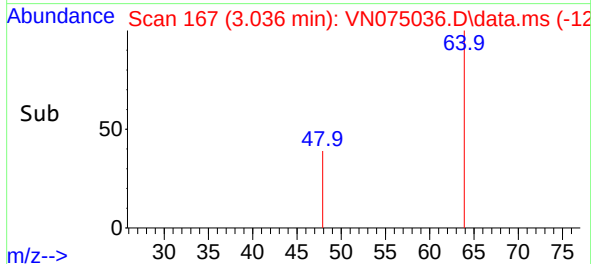
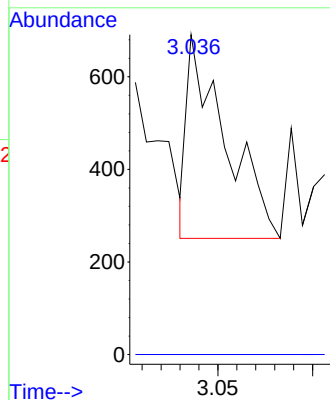
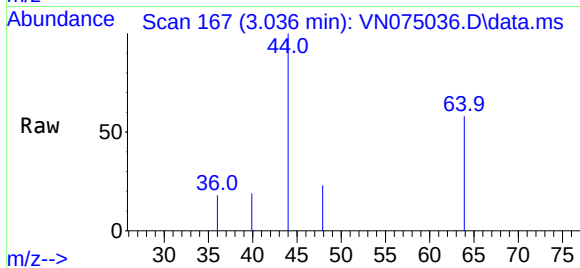




#6
Chloroethane
Concen: 0.400 ug/l
RT: 3.036 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

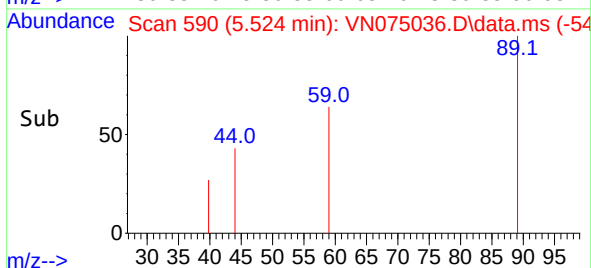
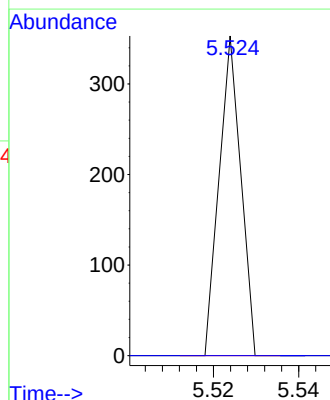
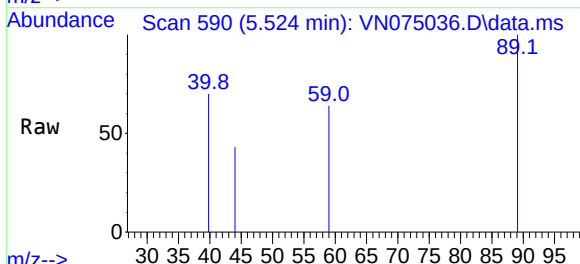
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

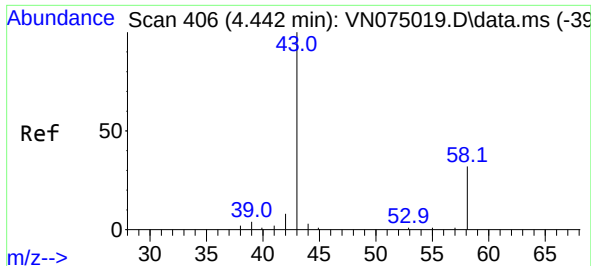
Tgt Ion: 64 Resp: 618
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.364 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.018 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

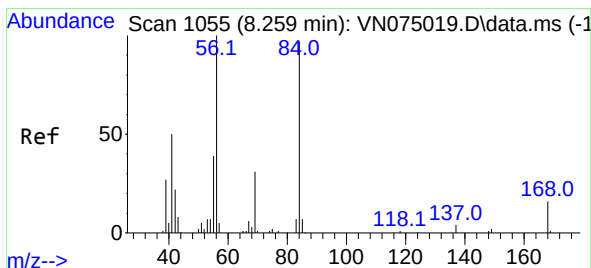
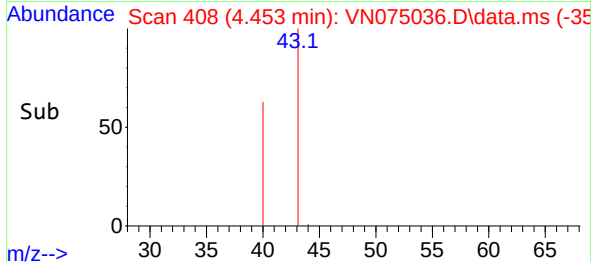
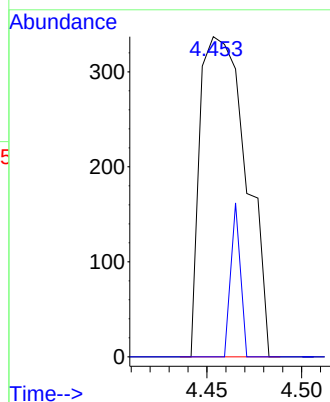
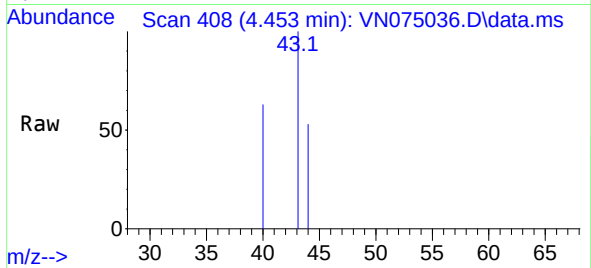




#16
Acetone
Concen: 0.914 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

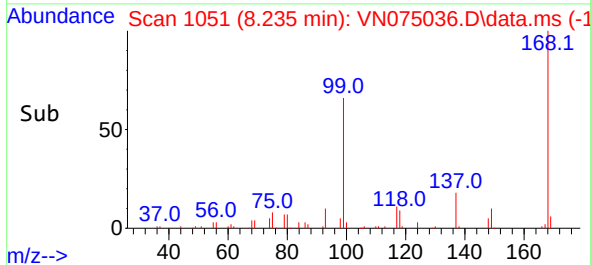
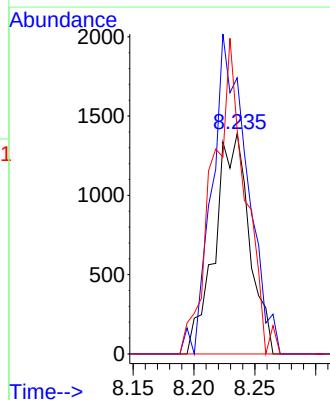
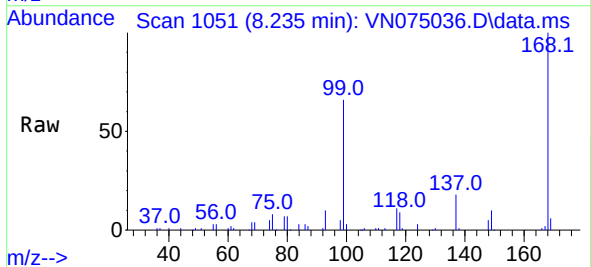
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

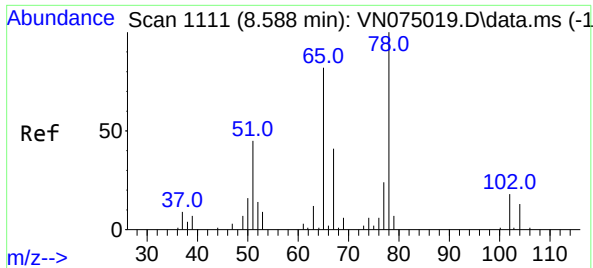
Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#31
Cyclohexane
Concen: 1.254 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

Tgt Ion: 56 Resp: 2746
Ion Ratio Lower Upper
56 100
69 125.4 25.2 37.8#
84 101.9 77.8 116.8

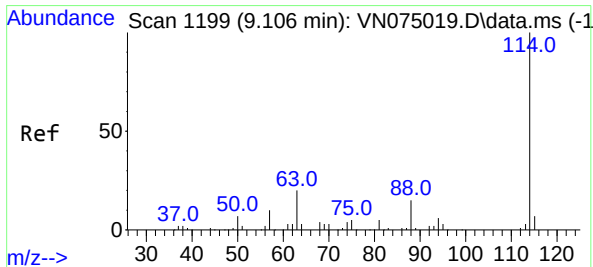
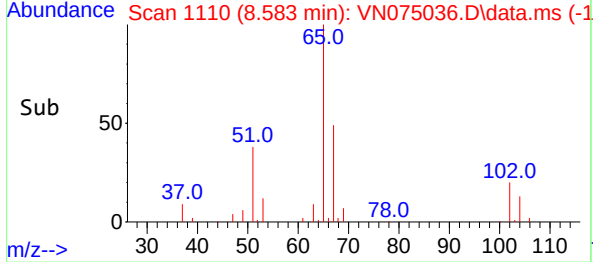
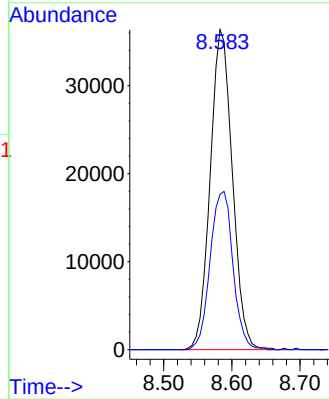
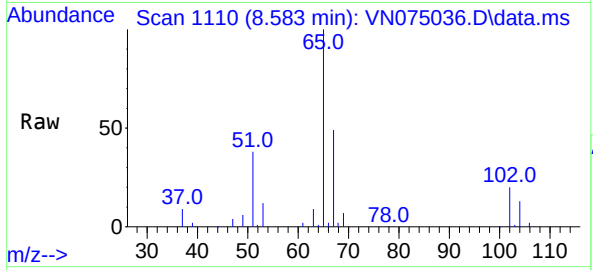




#33
1,2-Dichloroethane-d4
Concen: 55.950 ug/l
RT: 8.583 min Scan# 1111
Delta R.T. -0.005 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

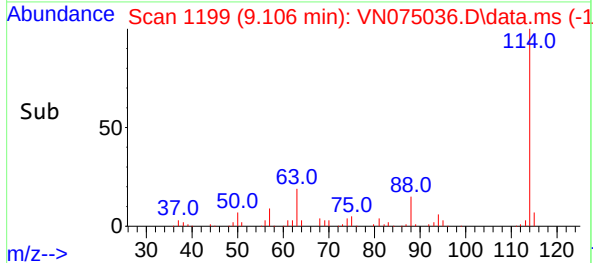
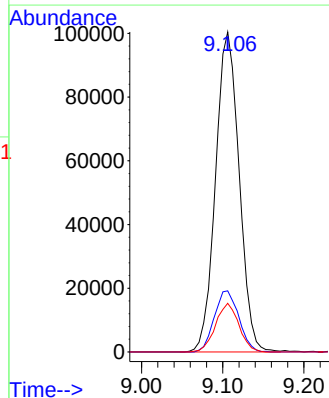
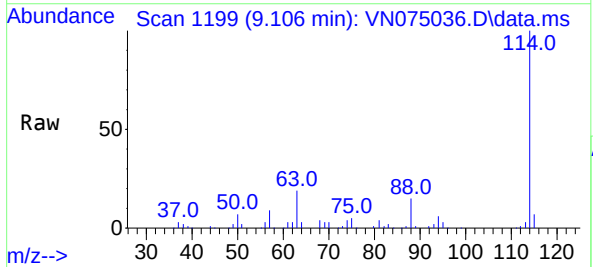
Instrument :
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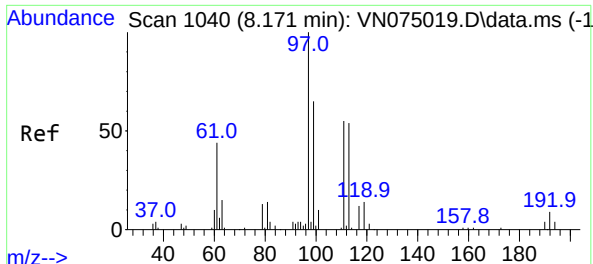
Tgt Ion: 65 Resp: 82410
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

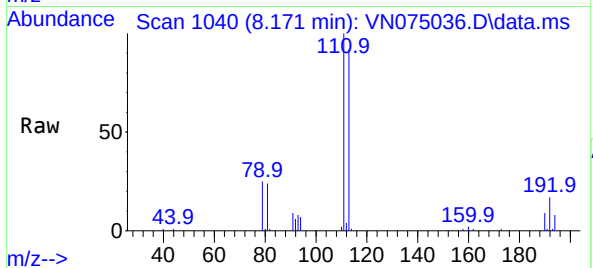
Tgt Ion: 114 Resp: 202910
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 15.2 0.0 29.0



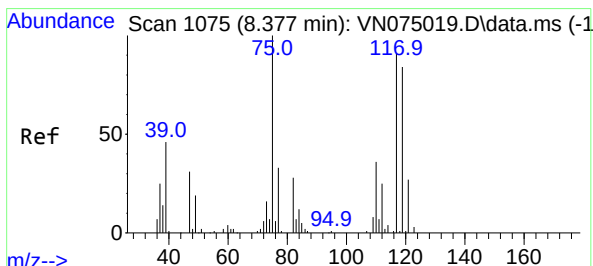
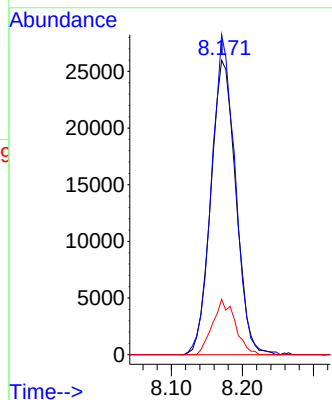
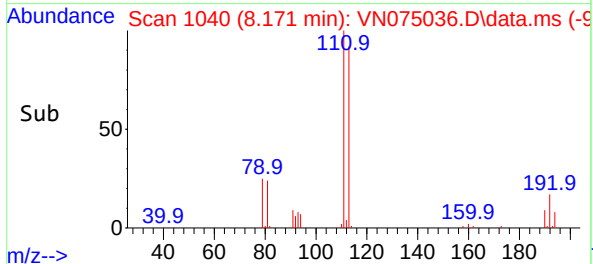


#35
Dibromofluoromethane
Concen: 53.221 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

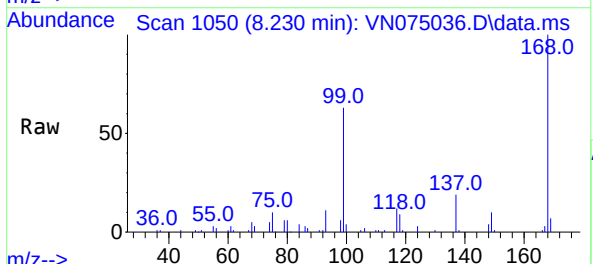
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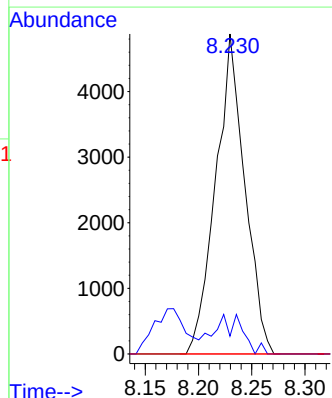
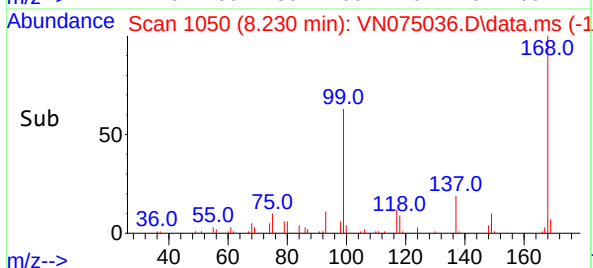
Tgt Ion:113 Resp: 63396
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 17.0 13.2 19.8

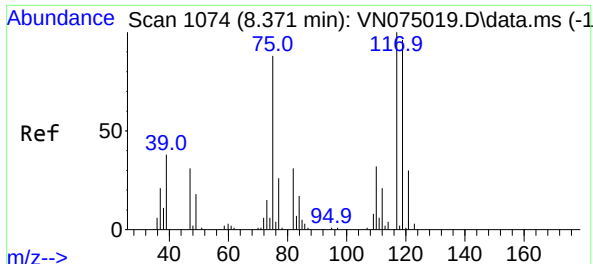


#36
1,1-Dichloropropene
Concen: 5.022 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19



Tgt Ion: 75 Resp: 9261
Ion Ratio Lower Upper
75 100
110 12.1 17.8 53.3#
77 0.0 24.6 37.0#

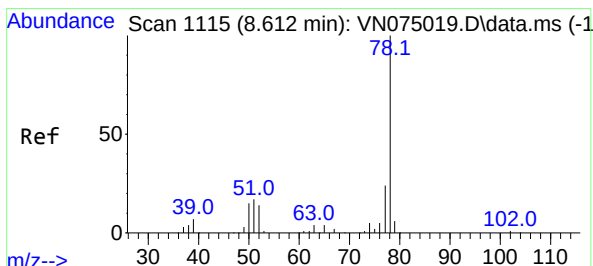
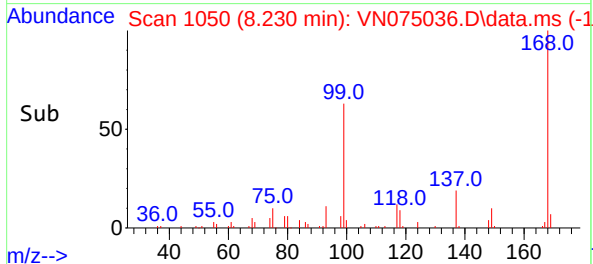
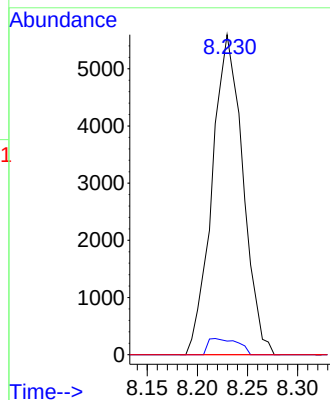
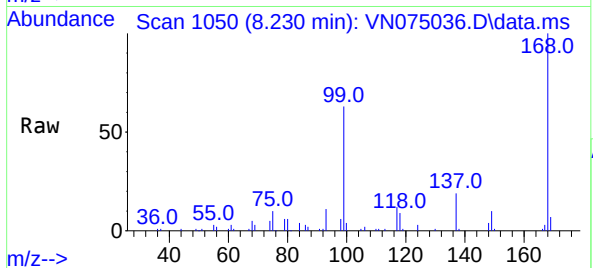




#38
Carbon Tetrachloride
Concen: 5.911 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

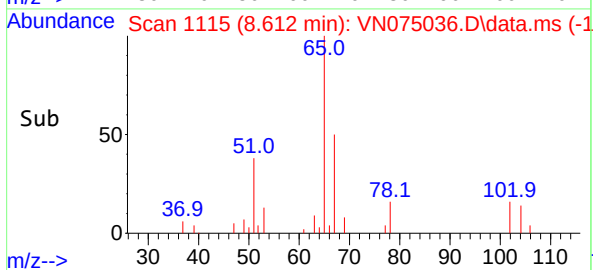
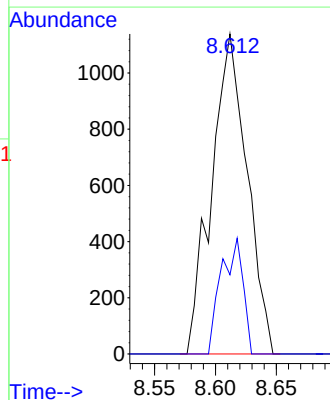
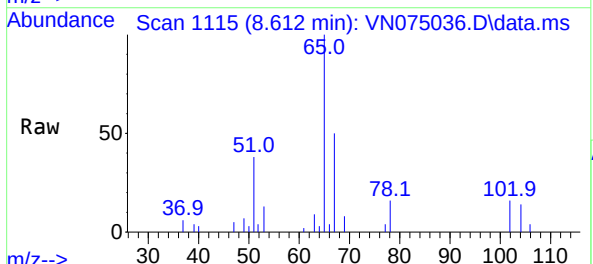
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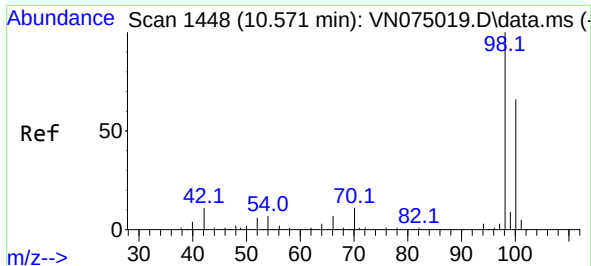
Tgt Ion:117 Resp: 11990
Ion Ratio Lower Upper
117 100
119 4.3 76.7 115.1#
121 0.0 23.9 35.9#



#40
Benzene
Concen: 0.410 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

Tgt Ion: 78 Resp: 2316
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0





#50

Toluene-d8

Concen: 53.061 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075036.D

Acq: 27 Oct 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

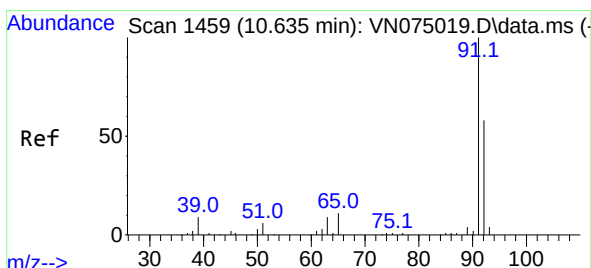
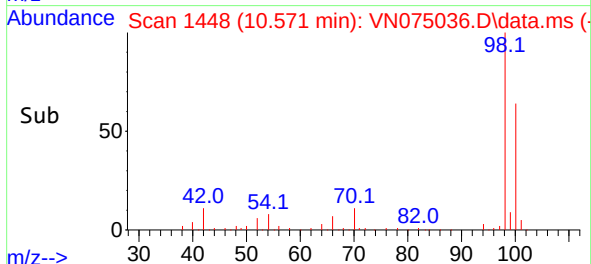
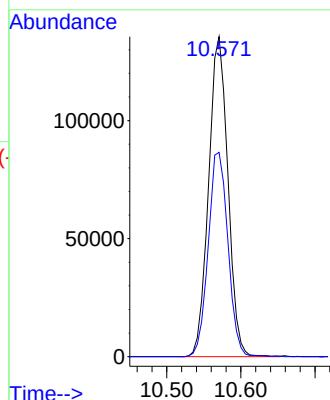
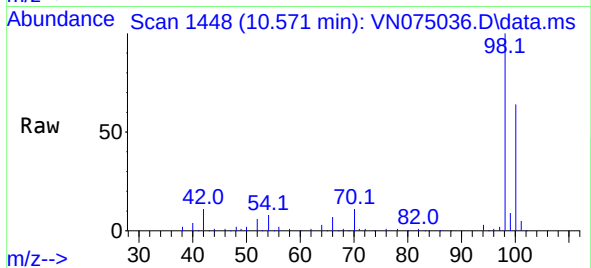
NWB-1837

Tgt Ion: 98 Resp: 245221

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6



#52

Toluene

Concen: 1.023 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN075036.D

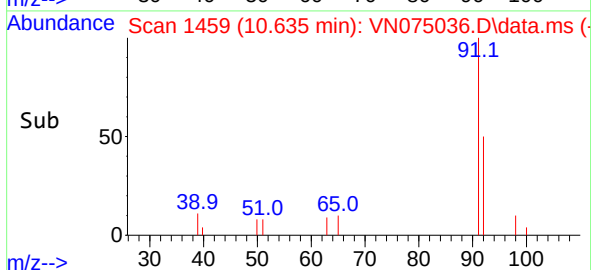
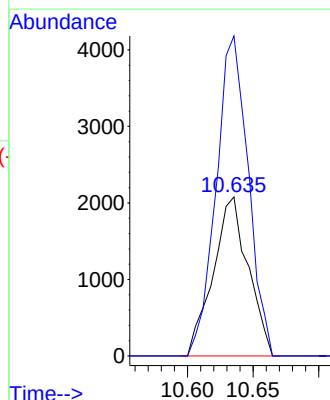
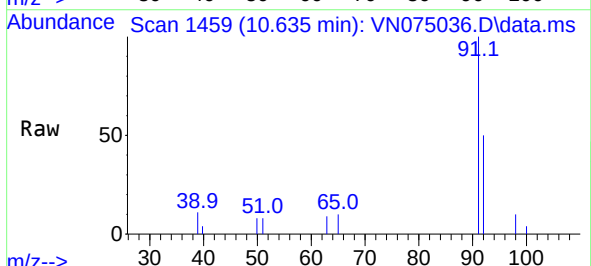
Acq: 27 Oct 2022 13:19

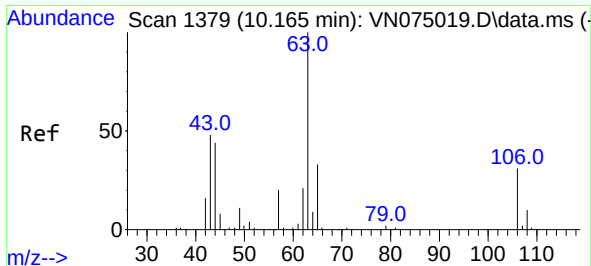
Tgt Ion: 92 Resp: 3860

Ion Ratio Lower Upper

92 100

91 184.4 135.4 203.2

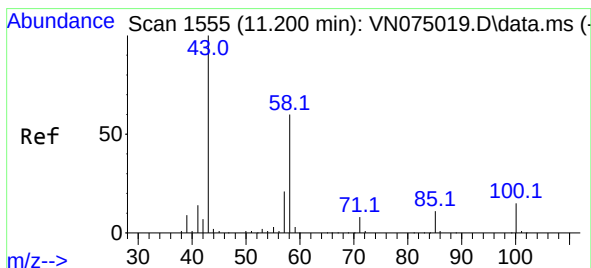
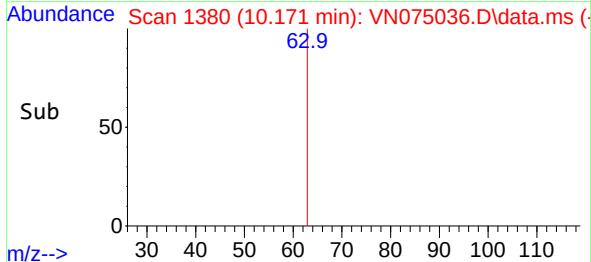
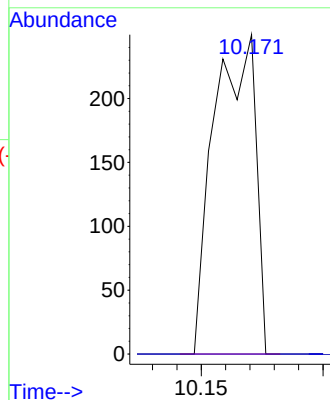
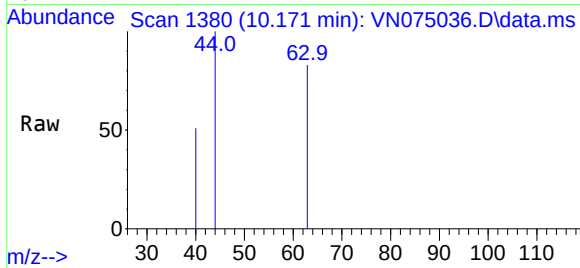




#58
2-Chloroethyl Vinyl ether
Concen: 0.335 ug/l
RT: 10.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

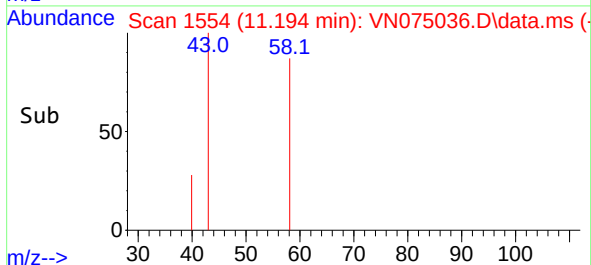
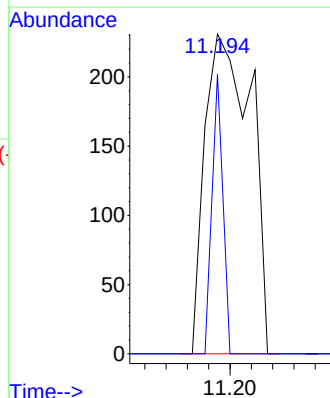
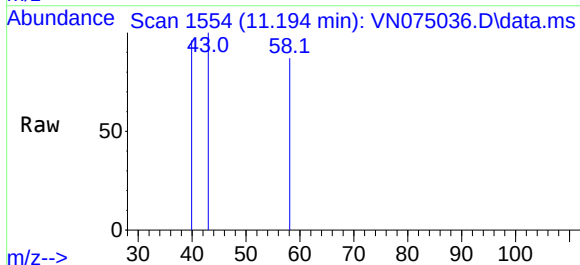
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

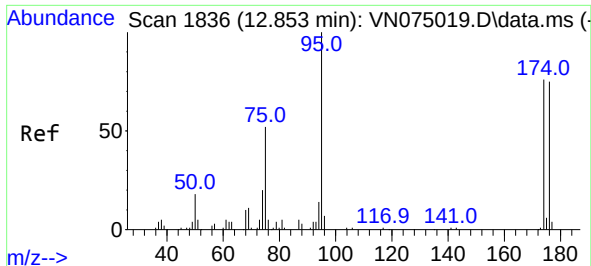
Tgt Ion: 63 Resp: 296
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#



#59
2-Hexanone
Concen: 0.226 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 20.5 29.6 88.8#

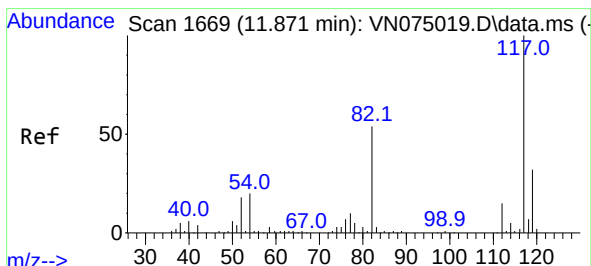
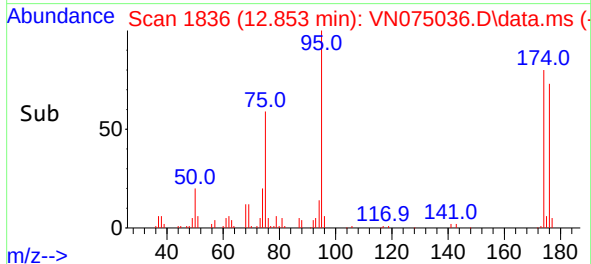
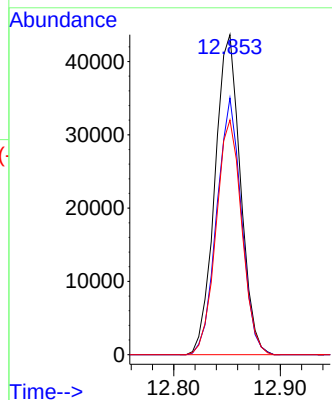
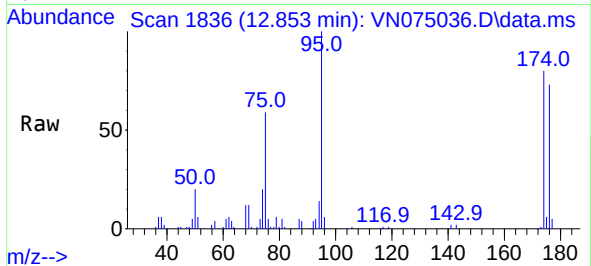




#62
4-Bromofluorobenzene
Concen: 44.776 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

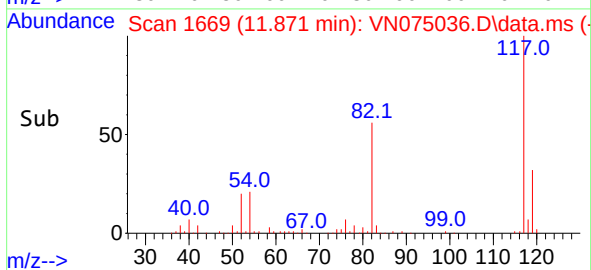
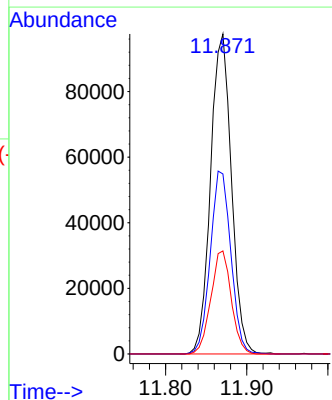
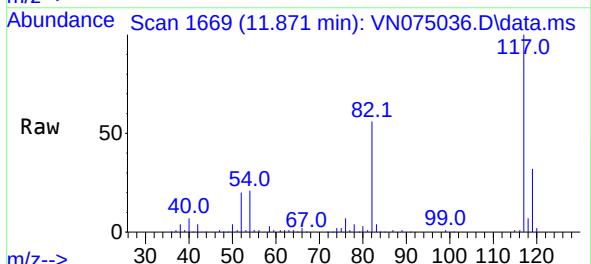
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

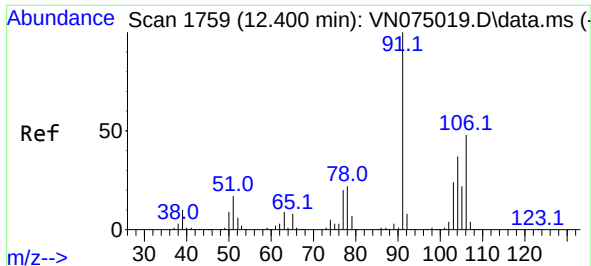
Tgt Ion: 95 Resp: 72691
Ion Ratio Lower Upper
95 100
174 77.3 0.0 147.4
176 73.6 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

Tgt Ion: 117 Resp: 173771
Ion Ratio Lower Upper
117 100
82 56.2 43.1 64.7
119 32.2 25.5 38.3

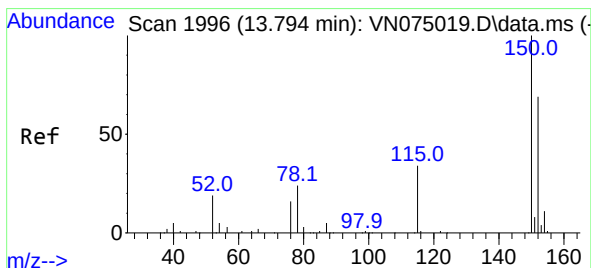
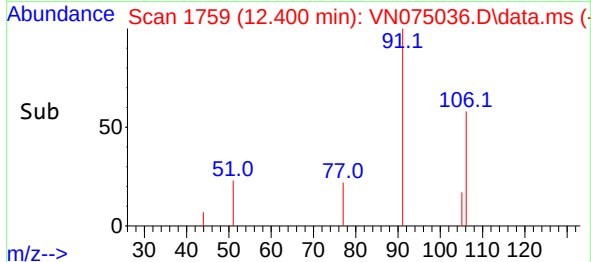
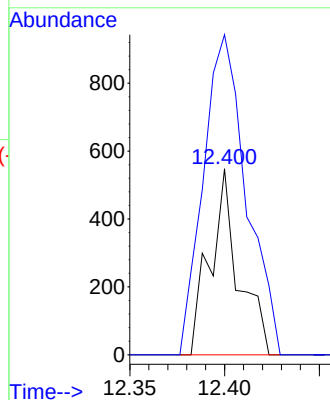
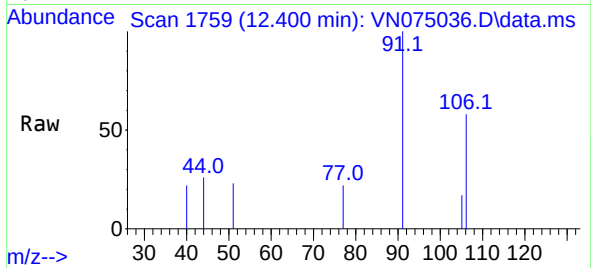




#69
o-Xylene
Concen: 0.217 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

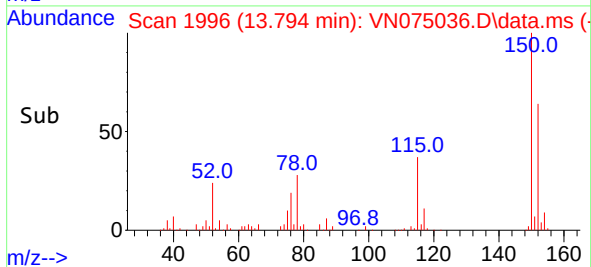
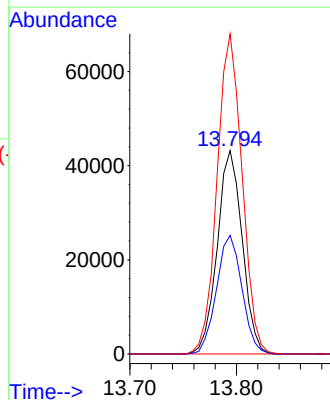
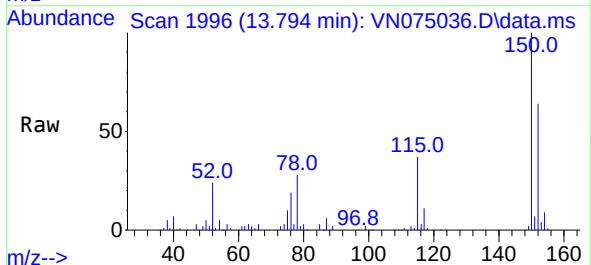
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

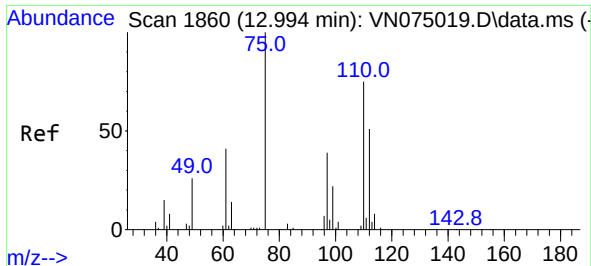
Tgt Ion:106 Resp: 574
Ion Ratio Lower Upper
106 100
91 259.9 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

Tgt Ion:152 Resp: 70262
Ion Ratio Lower Upper
152 100
115 59.4 30.2 90.6
150 157.5 0.0 348.4

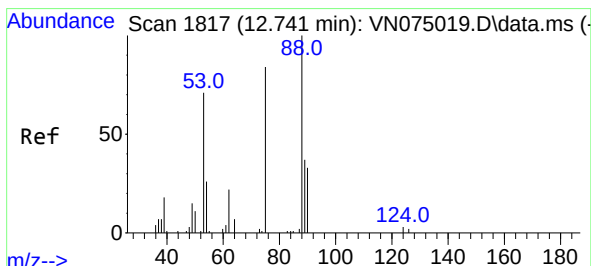
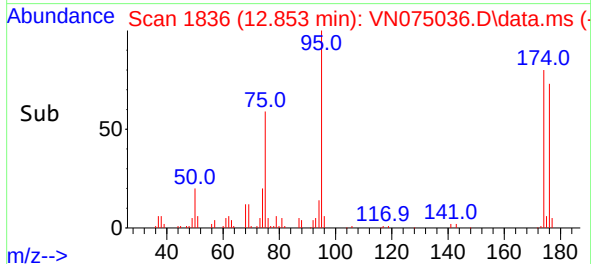
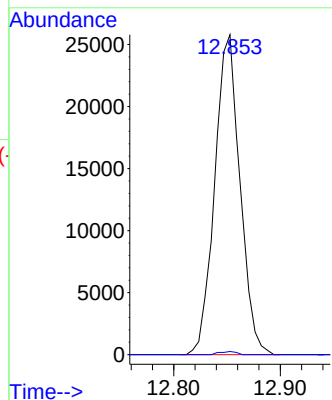
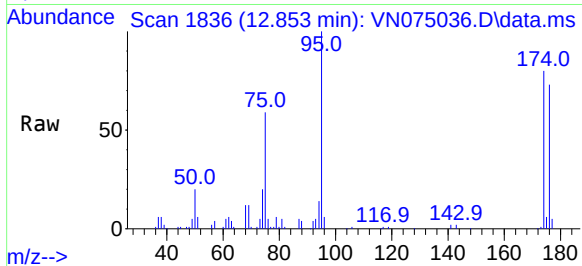




#76
1,2,3-Trichloropropane
Concen: 28.450 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

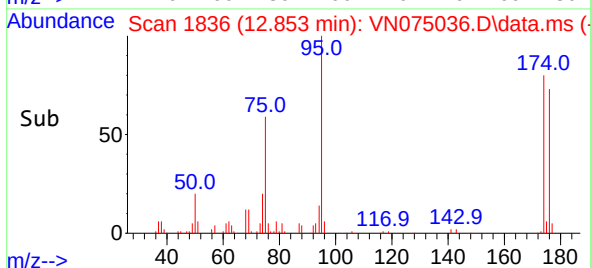
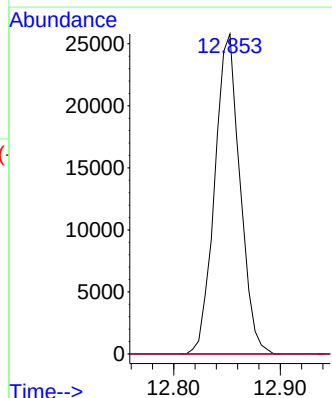
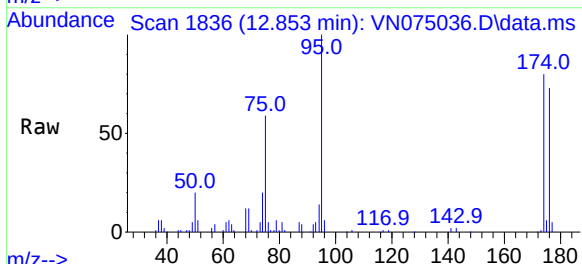
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

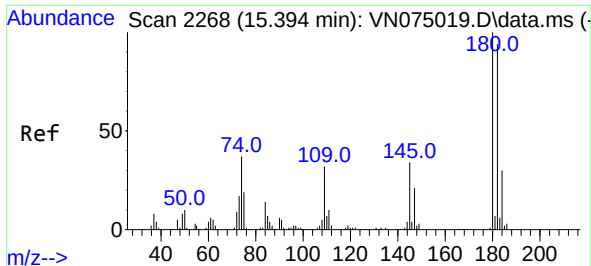
Tgt Ion: 75 Resp: 42443
Ion Ratio Lower Upper
75 100
77 0.7 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.031 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

Tgt Ion: 75 Resp: 42443
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

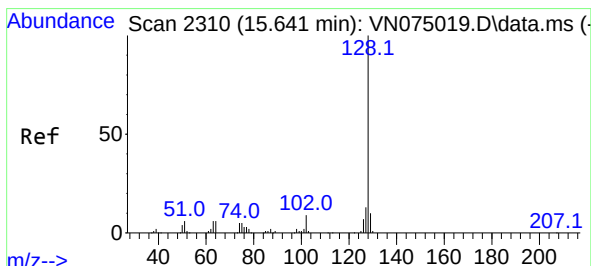
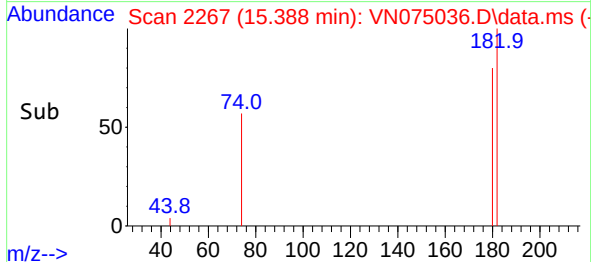
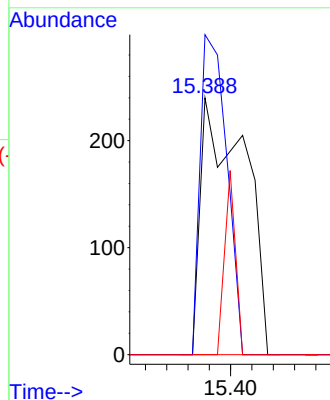
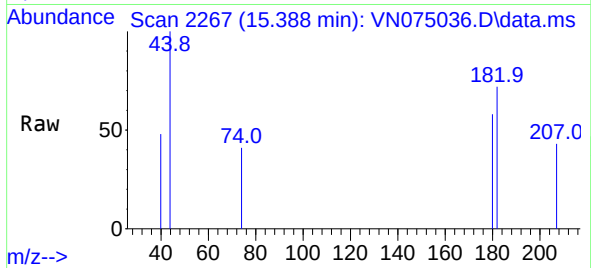




#93
1,2,4-Trichlorobenzene
Concen: 0.330 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

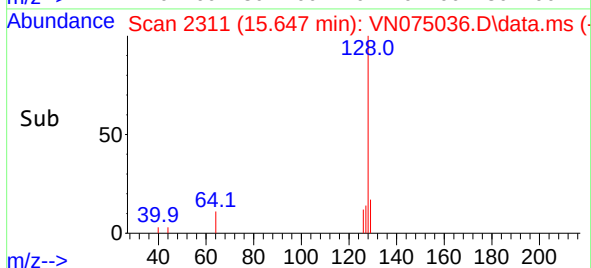
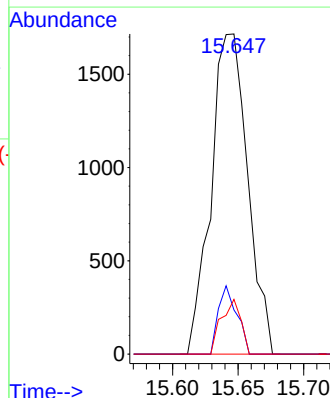
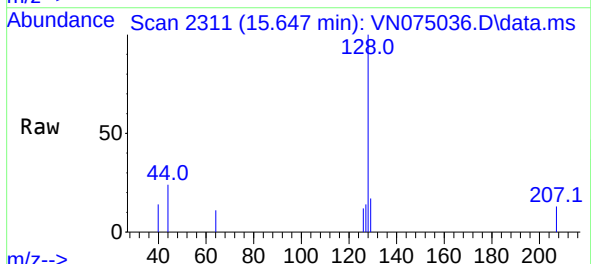
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

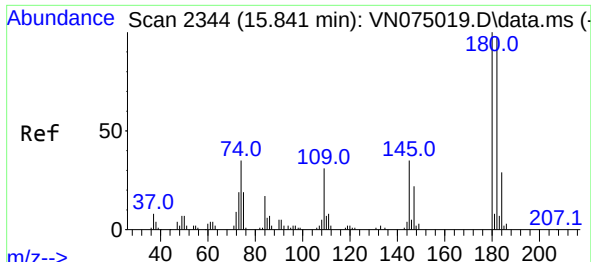
Tgt Ion:180 Resp: 343
Ion Ratio Lower Upper
180 100
182 75.2 47.8 143.4
145 17.8 16.8 50.3



#95
Naphthalene
Concen: 0.833 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075036.D
Acq: 27 Oct 2022 13:19

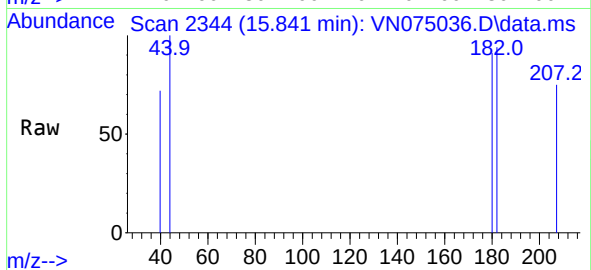
Tgt Ion:128 Resp: 3332
Ion Ratio Lower Upper
128 100
127 10.8 10.4 15.6
129 9.1 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.315 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075036.D
 Acq: 27 Oct 2022 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1837



Tgt Ion:180	Resp:	326	
Ion	Ratio	Lower	Upper
180	100		
182	134.0	47.3	141.8
145	16.3	17.6	52.9#

