

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN12222\
 Data File : VN075942.D
 Acq On : 22 Dec 2022 14:03
 Operator : JC\MD
 Sample : N6182-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-185-206-122122-FD

Quant Time: Dec 23 04:02:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

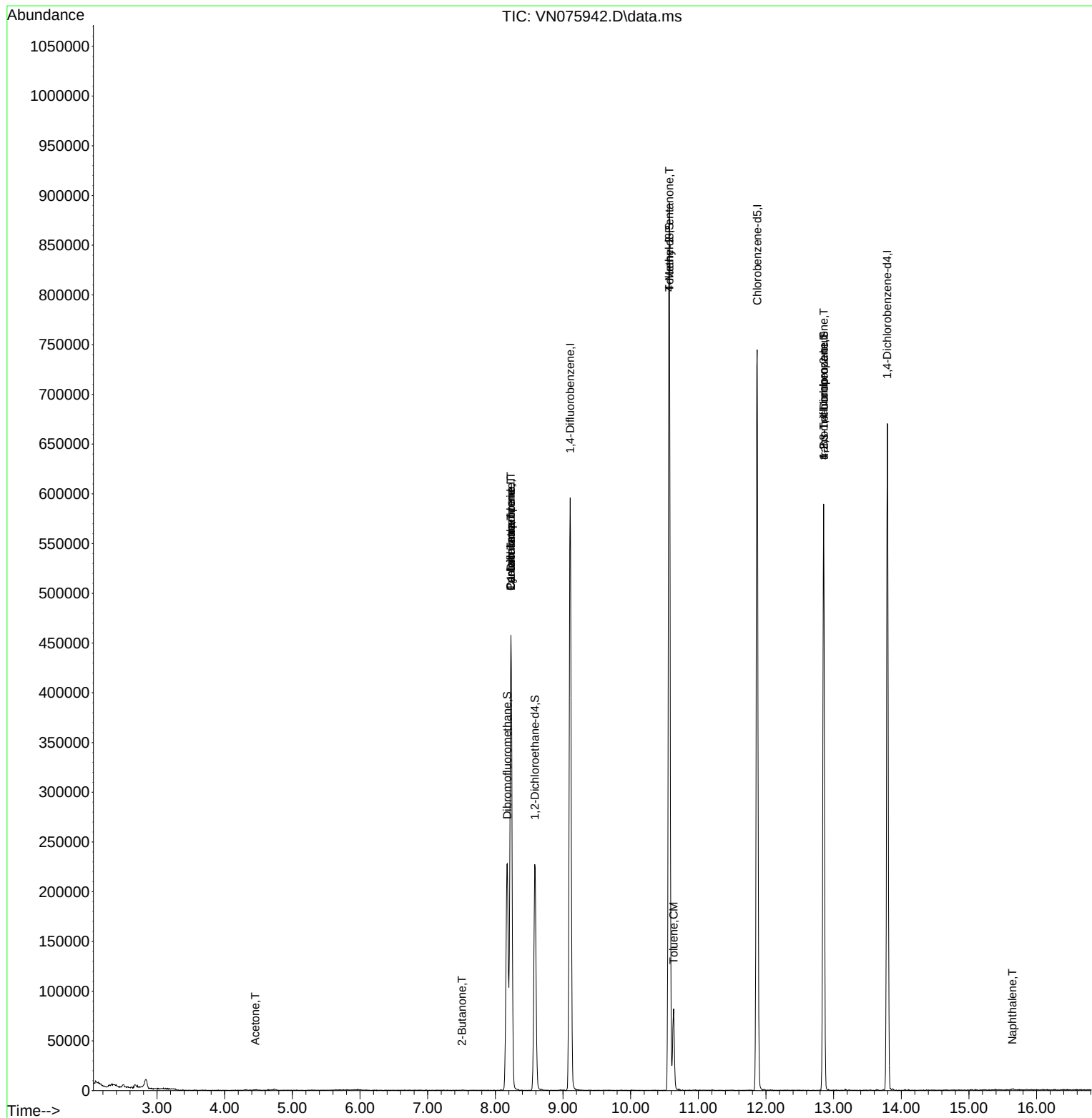
Internal Standards						
1) Pentafluorobenzene	8.230	168	356514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	545194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	466781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	181555	46.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.620%
35) Dibromofluoromethane	8.177	113	163322	48.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	10.571	98	638541	50.583	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.853	95	192009	45.923	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.840%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	915	0.684	ug/l #	39
20) Methylene Chloride	5.283	84	140	Below Cal	#	48
25) 2-Butanone	7.506	43	475	0.254	ug/l #	40
31) Cyclohexane	8.230	56	6446	1.160	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	24493	5.461	ug/l #	48
38) Carbon Tetrachloride	8.230	117	34913	6.955	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2550	0.710	ug/l #	1
52) Toluene	10.635	92	36177	4.014	ug/l	97
76) 1,2,3-Trichloropropane	12.853	75	96680	25.600	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	96680	92.146	ug/l #	12
95) Naphthalene	15.641	128	1941	2.360	ug/l #	69

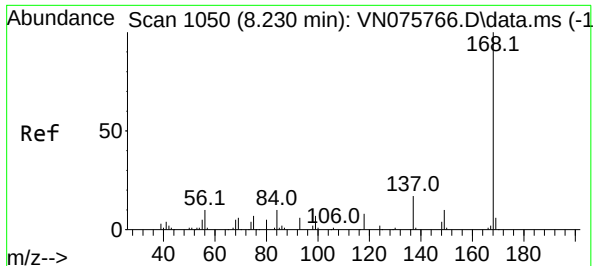
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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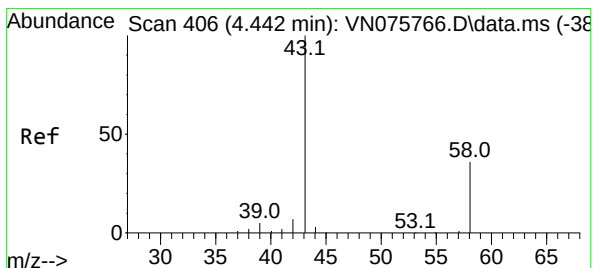
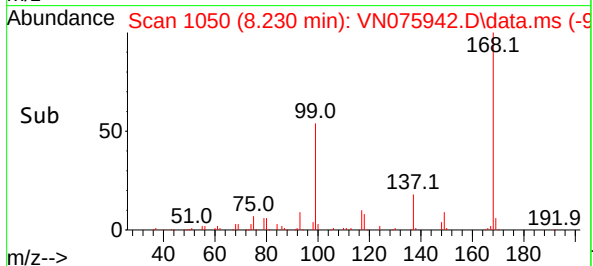
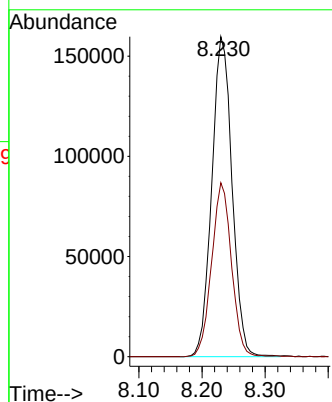
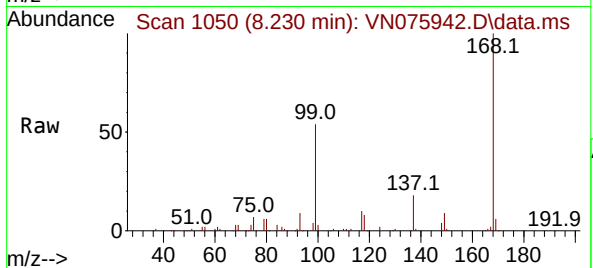




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

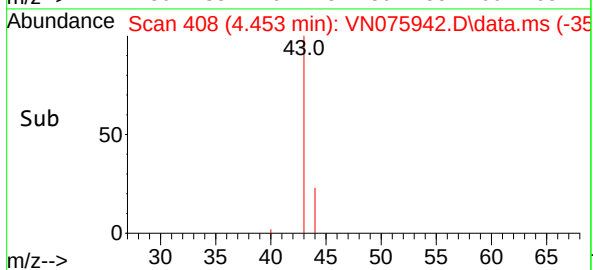
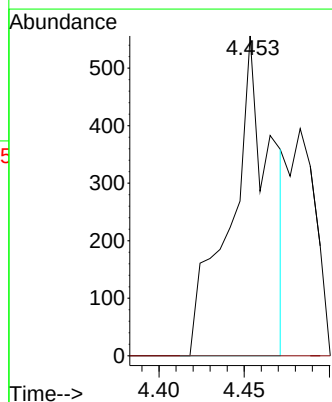
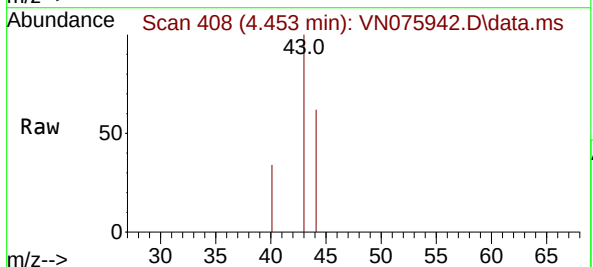
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-185-206-122122-FD

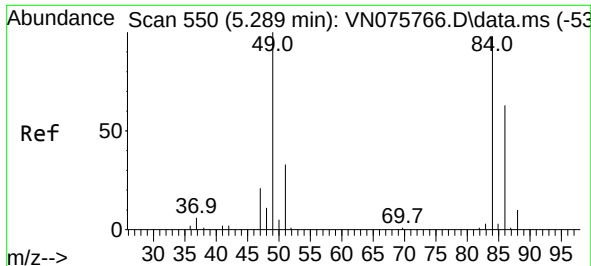
Tgt Ion:168 Resp: 356514
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#16
Acetone
Concen: 0.684 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

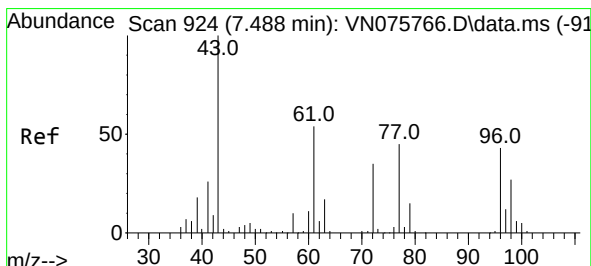
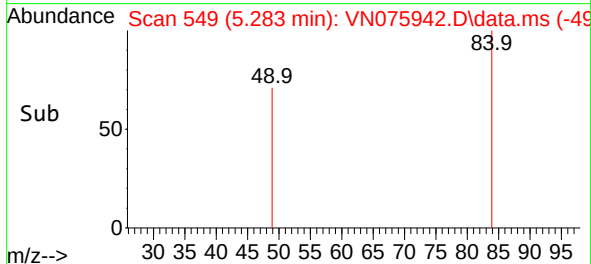
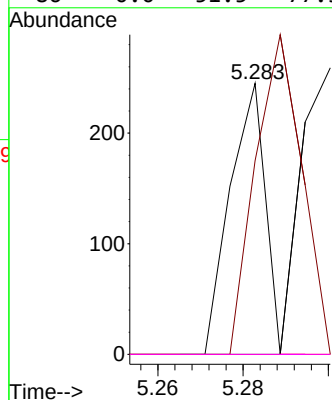
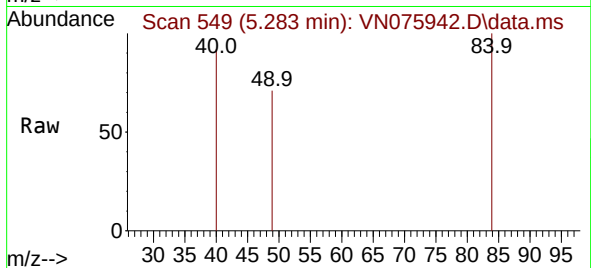




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

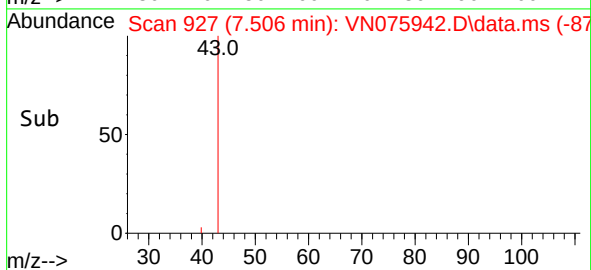
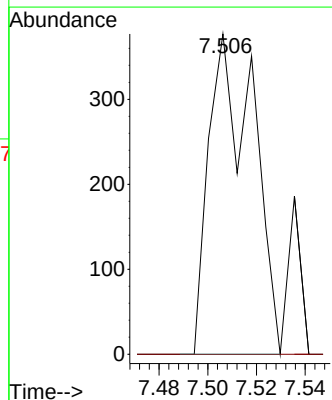
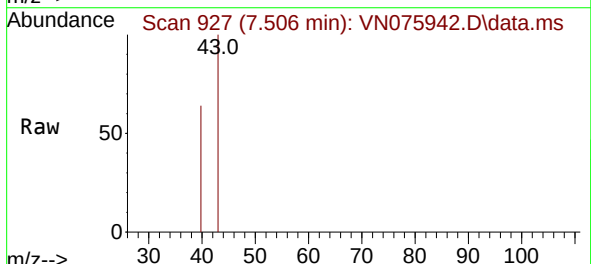
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-185-206-122122-FD

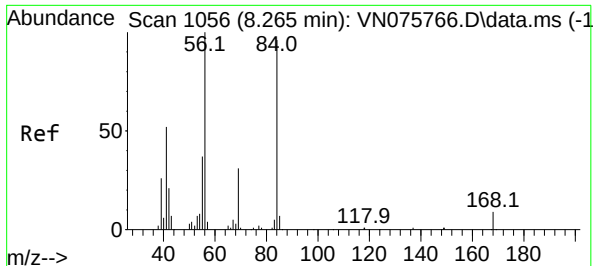
Tgt Ion:	84	Resp:	140
Ion	Ratio	Lower	Upper
84	100		
49	71.4	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#



#25
2-Butanone
Concen: 0.254 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.018 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

Tgt Ion:	43	Resp:	475
Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.0	42.0#

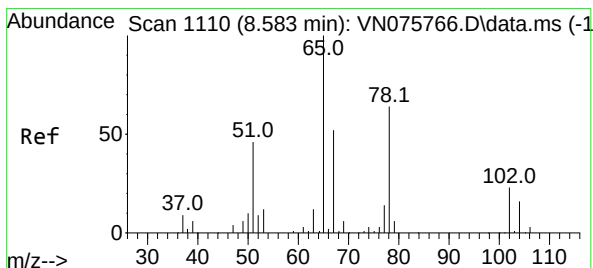
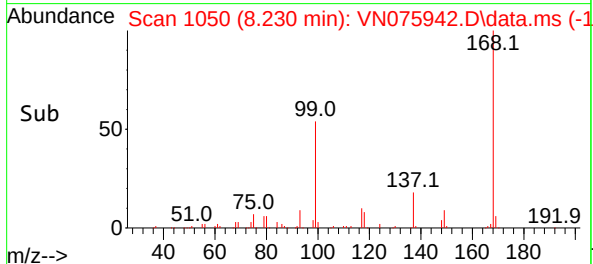
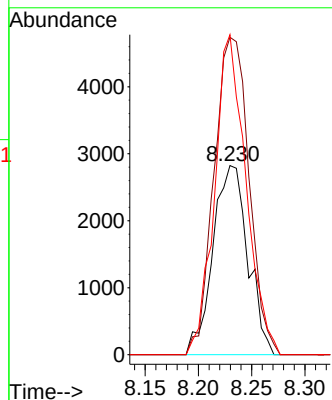
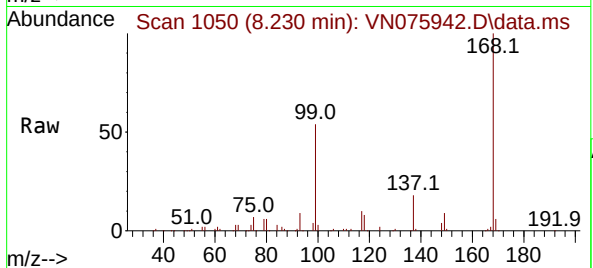




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

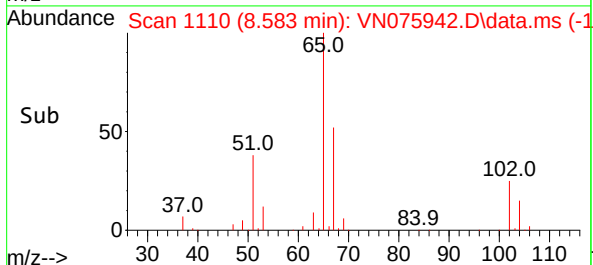
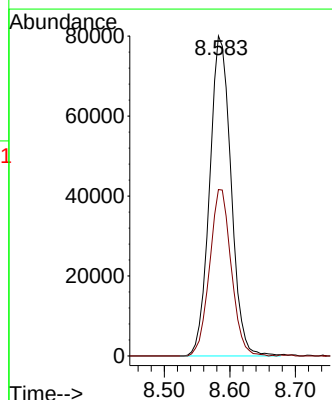
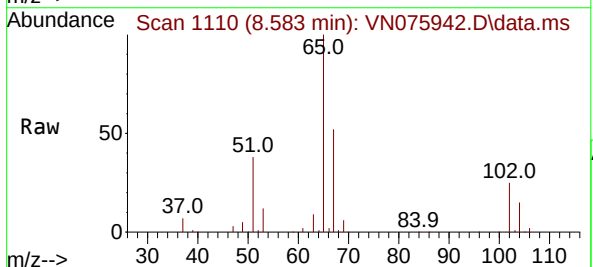
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-185-206-122122-FD

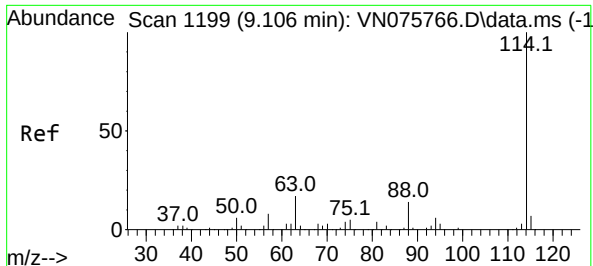
Tgt Ion: 56 Resp: 6446
Ion Ratio Lower Upper
56 100
69 167.8 24.7 37.1#
84 169.1 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 46.810 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

Tgt Ion: 65 Resp: 181555
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4

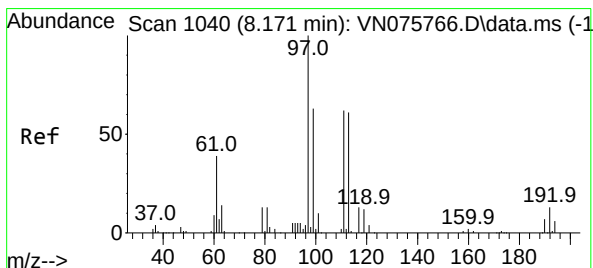
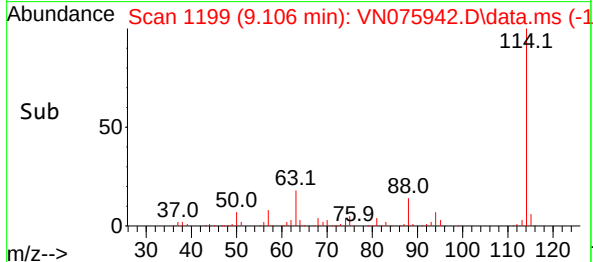
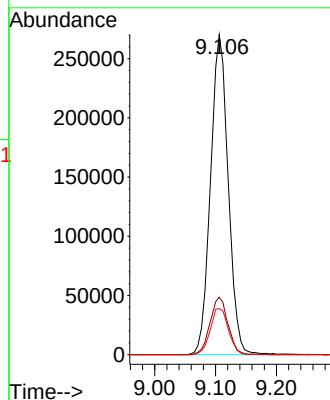
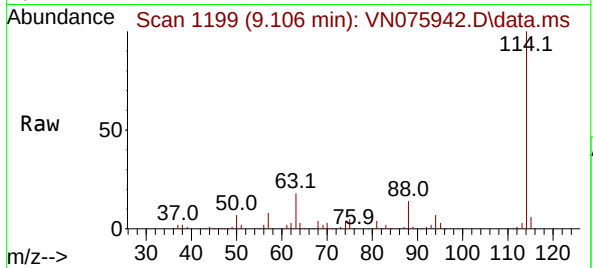




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

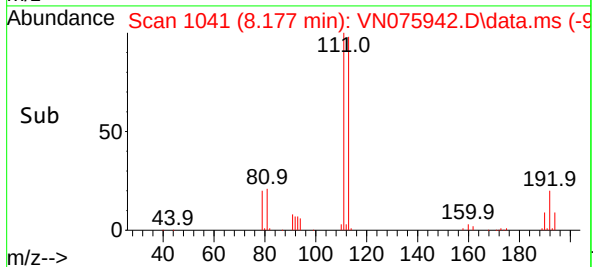
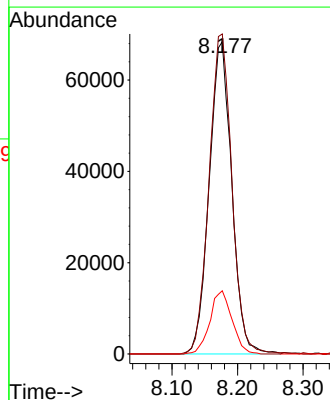
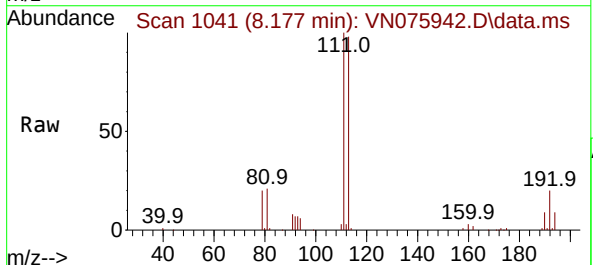
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-185-206-122122-FD

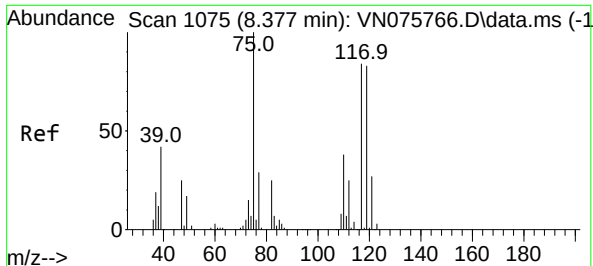
Tgt Ion:114 Resp: 545194
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.4
88 14.4 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.373 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

Tgt Ion:113 Resp: 163322
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 19.9 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.461 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075942.D

Acq: 22 Dec 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-185-206-122122-FD

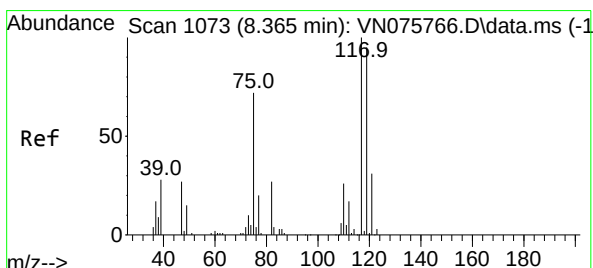
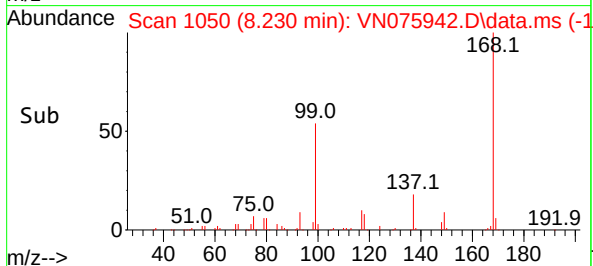
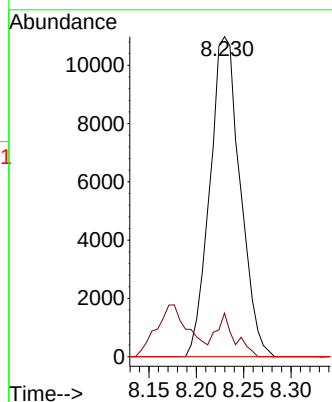
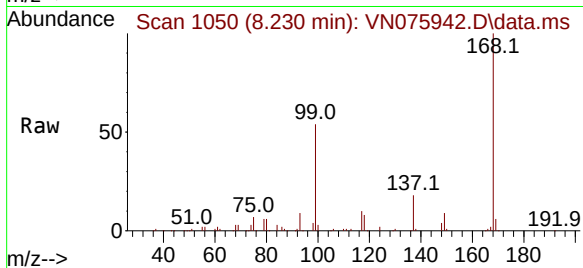
Tgt Ion: 75 Resp: 24493

Ion Ratio Lower Upper

75 100

110 8.3 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.955 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075942.D

Acq: 22 Dec 2022 14:03

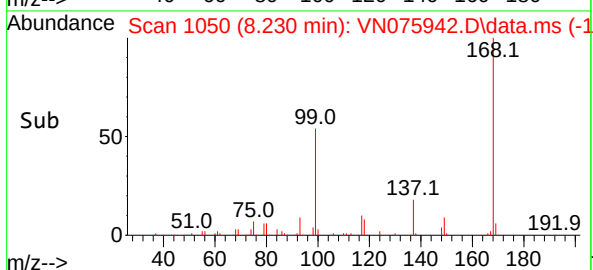
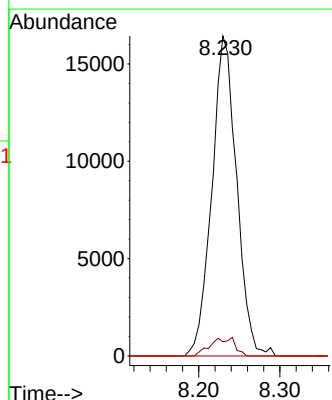
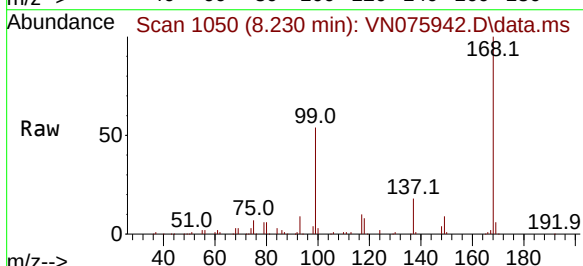
Tgt Ion: 117 Resp: 34913

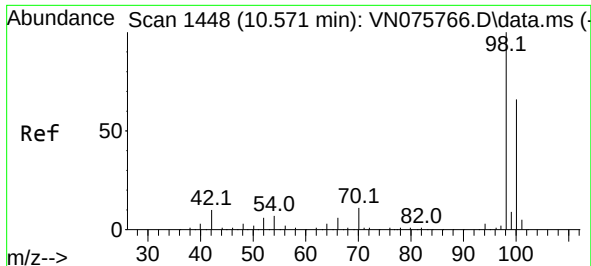
Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

121 0.0 24.5 36.7#

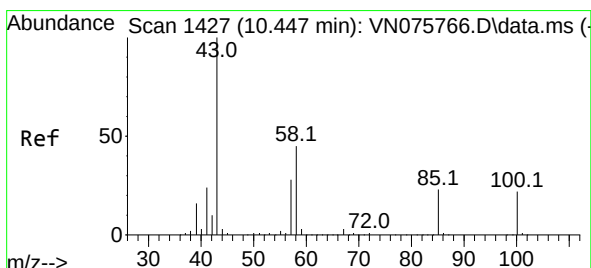
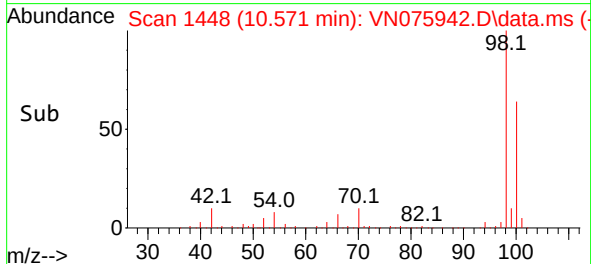
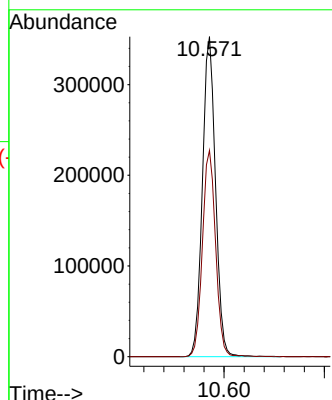
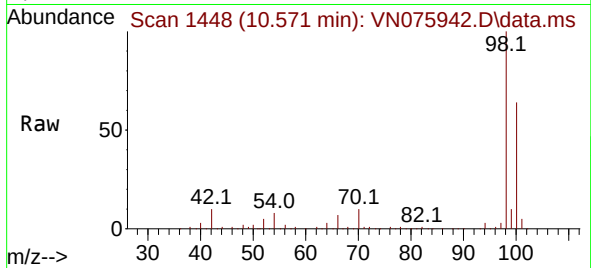




#50
Toluene-d8
Concen: 50.583 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

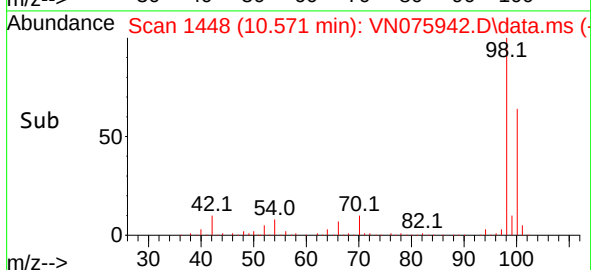
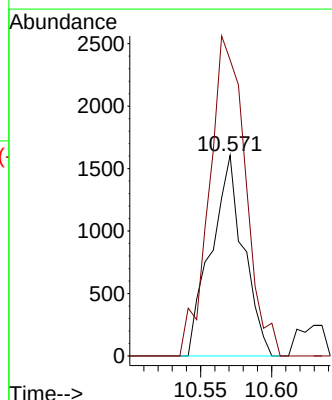
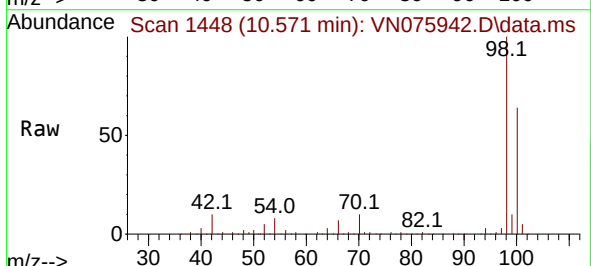
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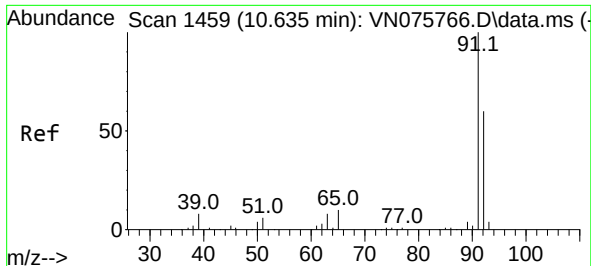
Tgt Ion: 98 Resp: 638541
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.710 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

Tgt Ion: 43 Resp: 2550
Ion Ratio Lower Upper
43 100
58 177.6 35.5 53.3#

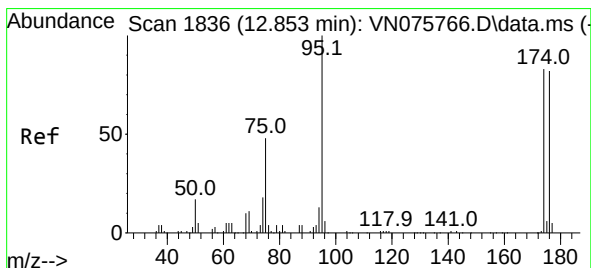
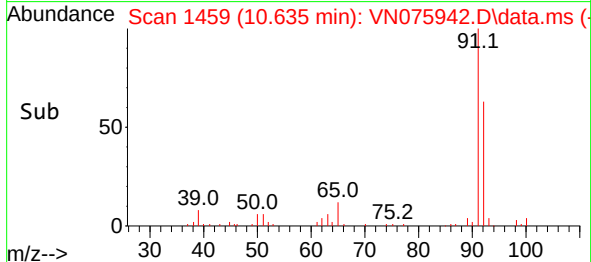
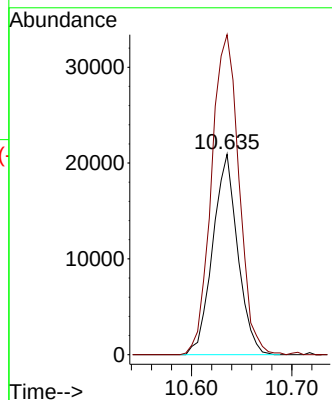
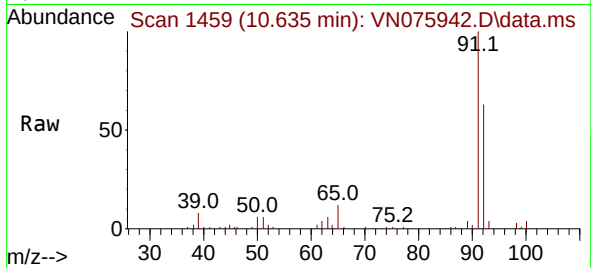




#52
Toluene
Concen: 4.014 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

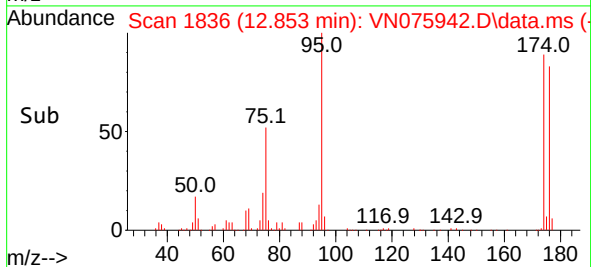
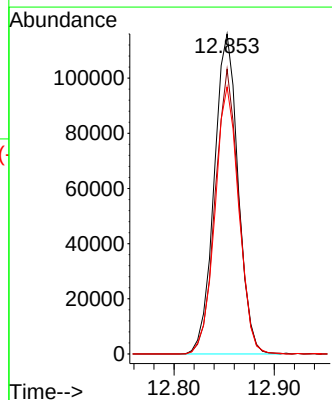
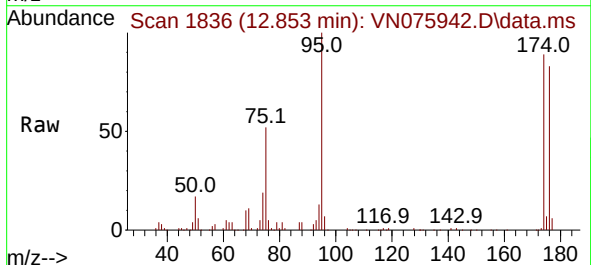
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-185-206-122122-FD

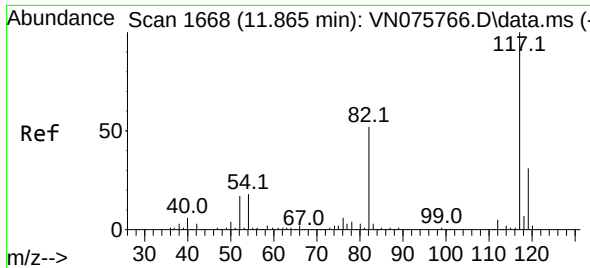
Tgt Ion: 92 Resp: 36177
Ion Ratio Lower Upper
92 100
91 175.6 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 45.923 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

Tgt Ion: 95 Resp: 192009
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 83.3 0.0 169.2

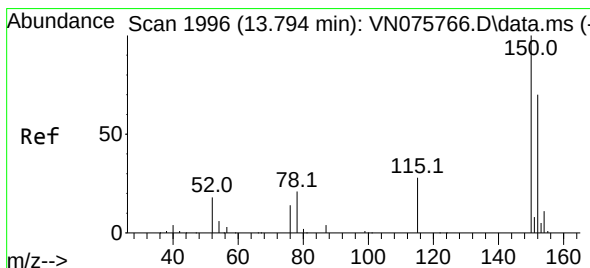
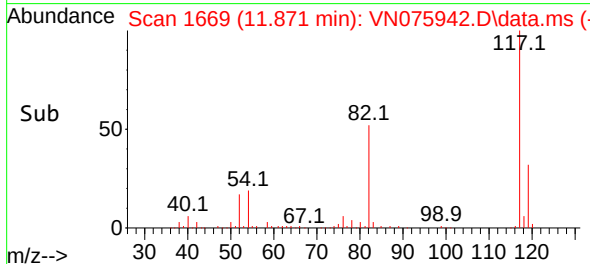
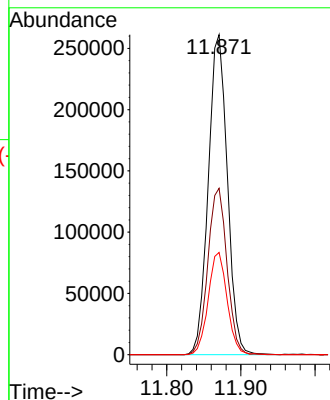
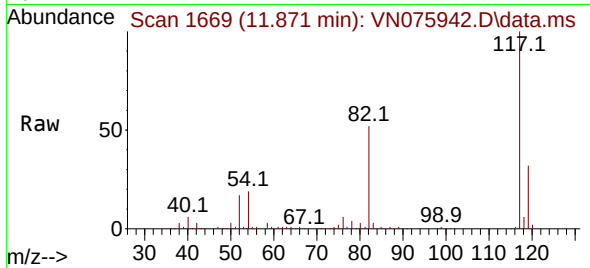




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

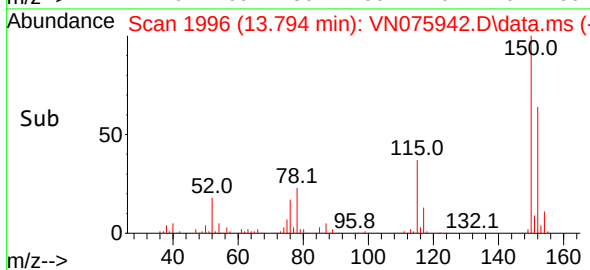
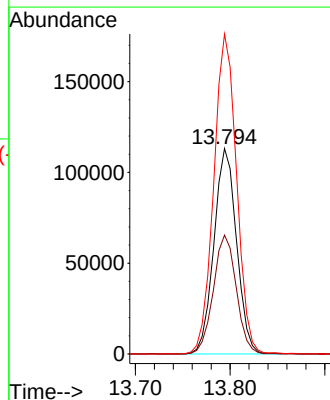
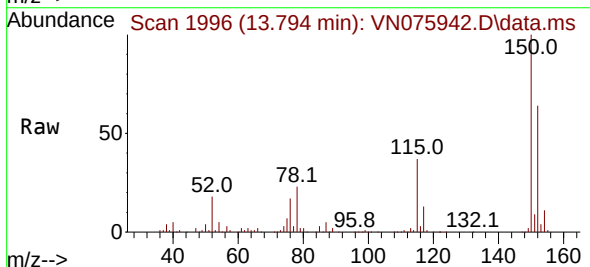
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-185-206-122122-FD

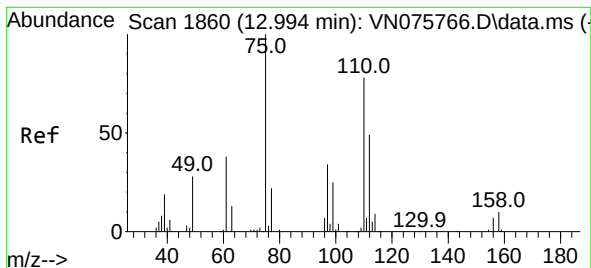
Tgt Ion:117 Resp: 466781
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 31.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

Tgt Ion:152 Resp: 187355
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.4
150 157.3 0.0 347.0

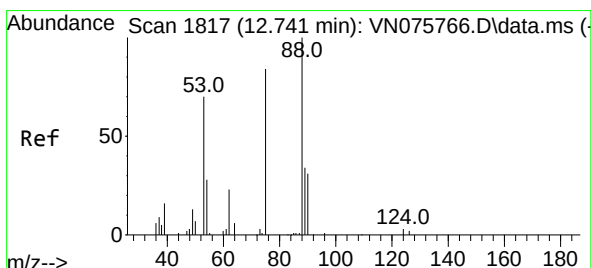
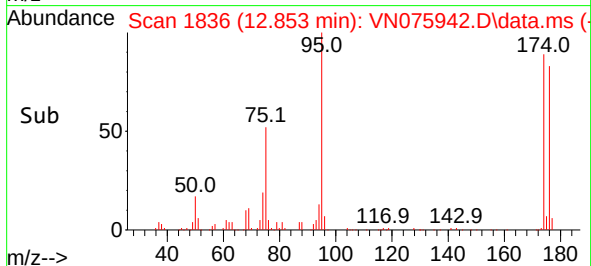
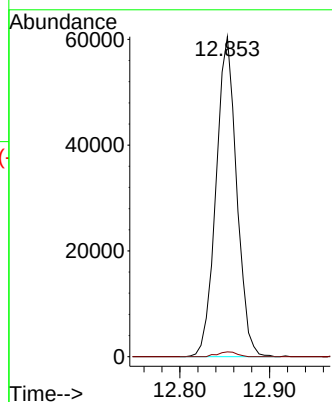
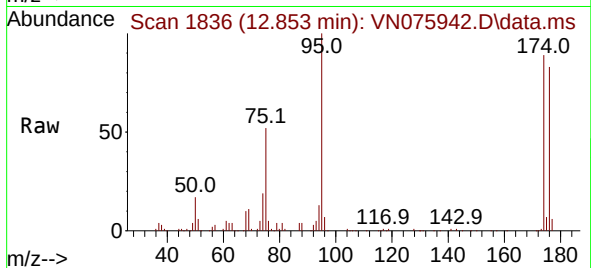




#76
1,2,3-Trichloropropane
Concen: 25.600 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

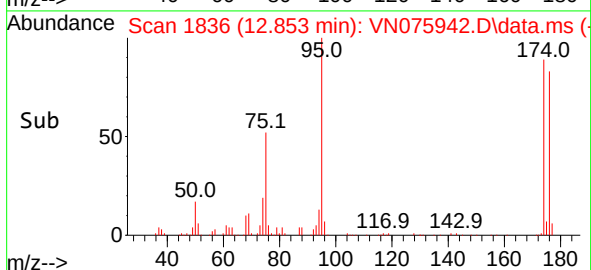
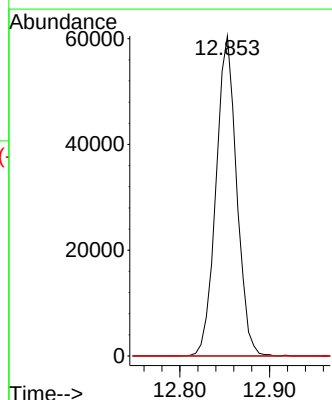
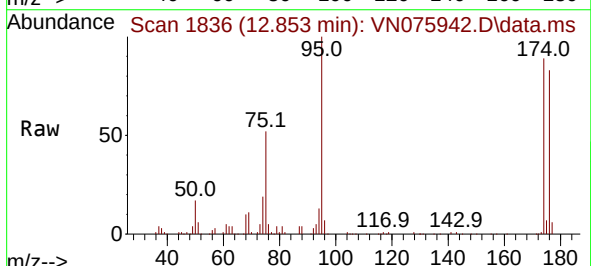
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-185-206-122122-FD

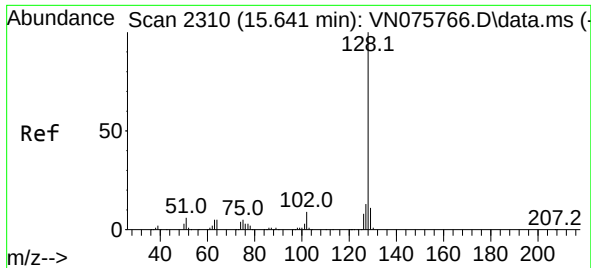
Tgt Ion: 75 Resp: 96680
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.146 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075942.D
Acq: 22 Dec 2022 14:03

Tgt Ion: 75 Resp: 96680
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 2.360 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075942.D

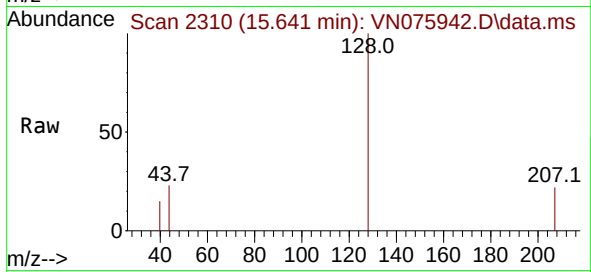
Acq: 22 Dec 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-185-206-122122-FD



Tgt Ion:128 Resp: 1941

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#

