

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN12222\
 Data File : VN075941.D
 Acq On : 22 Dec 2022 13:39
 Operator : JC\MD
 Sample : N6182-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 23 04:01:38 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)

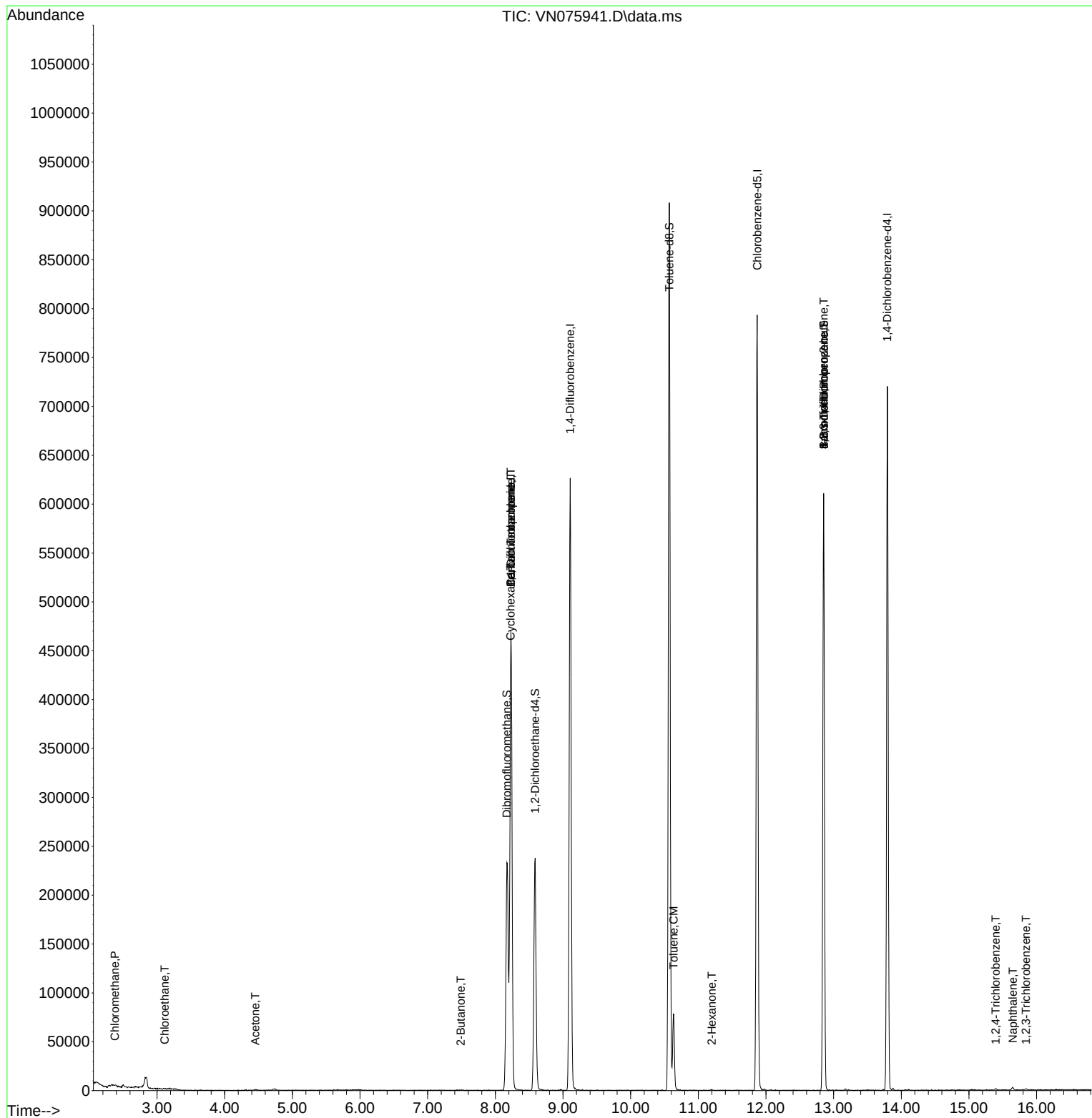
Internal Standards						
1) Pentafluorobenzene	8.229	168	364252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	490742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	189664	47.862	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.720%		
35) Dibromofluoromethane	8.171	113	172225	48.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	10.570	98	649487	49.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.380%		
62) 4-Bromofluorobenzene	12.853	95	203790	46.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.200%		
Target Compounds					Qvalue	
3) Chloromethane	2.377	50	733	0.228	ug/l	91
6) Chloroethane	3.112	64	790	0.278	ug/l #	44
16) Acetone	4.453	43	1461	1.070	ug/l #	39
25) 2-Butanone	7.488	43	483	0.253	ug/l #	40
31) Cyclohexane	8.224	56	7044	1.241	ug/l #	15
36) 1,1-Dichloropropene	8.229	75	25596	5.456	ug/l #	50
38) Carbon Tetrachloride	8.229	117	35739	6.807	ug/l #	17
52) Toluene	10.635	92	34268	3.635	ug/l	97
59) 2-Hexanone	11.200	43	960	0.350	ug/l #	50
71) Bromoform	12.853	173	1445	0.532	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	102686	25.375	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	102686	91.336	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	816	0.247	ug/l #	86
95) Naphthalene	15.647	128	3435	2.478	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.841	180	766	0.248	ug/l #	79

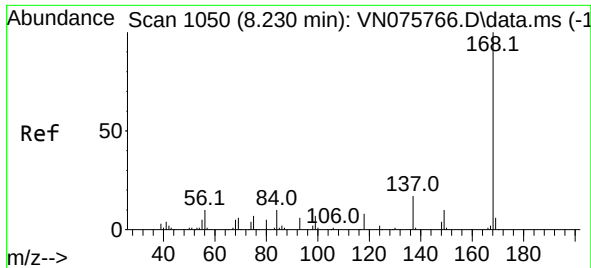
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
Data File : VN075941.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

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GWOW-BR-04-185-206-122122

Quant Time: Dec 23 04:01:38 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

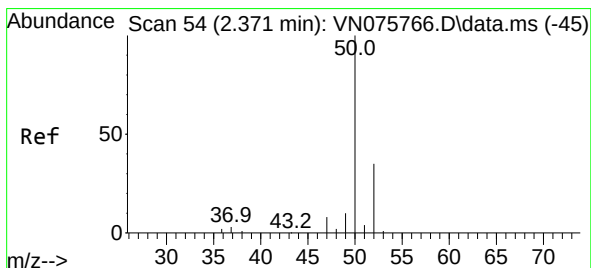
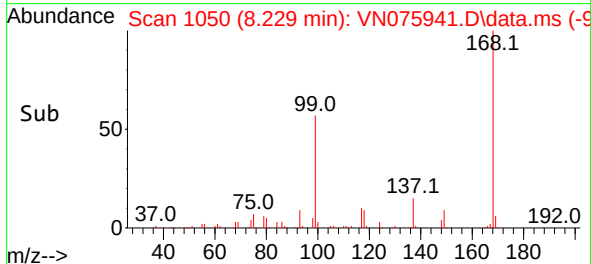
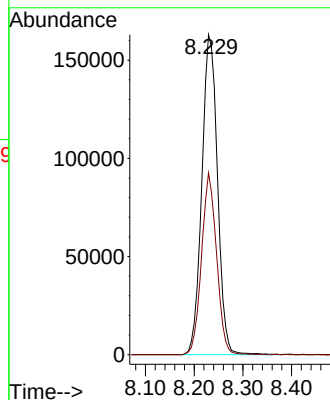
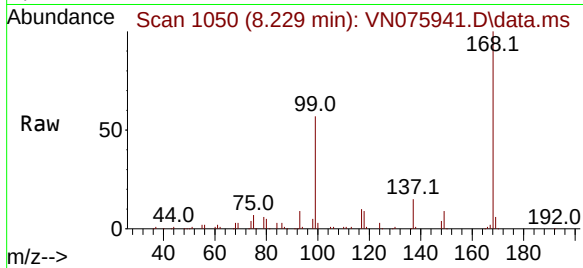




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

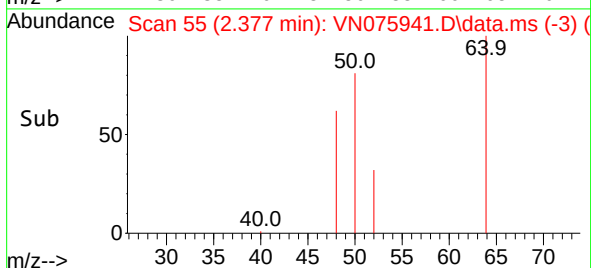
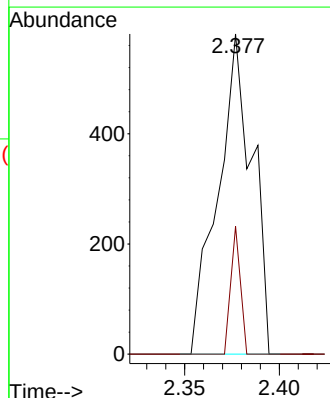
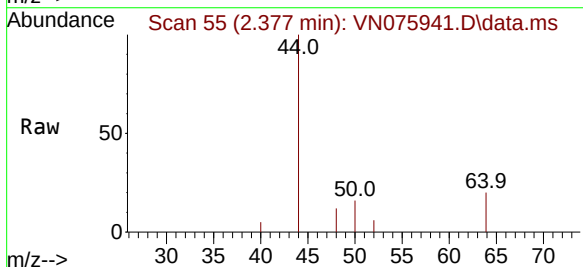
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-185-206-122122

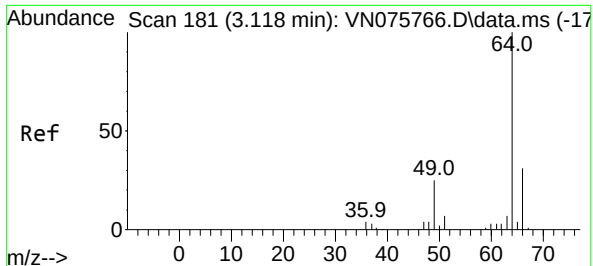
Tgt Ion:168 Resp: 364252
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

Tgt Ion: 50 Resp: 733
Ion Ratio Lower Upper
50 100
52 39.9 27.7 41.5

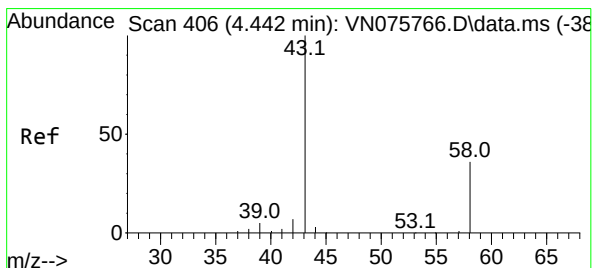
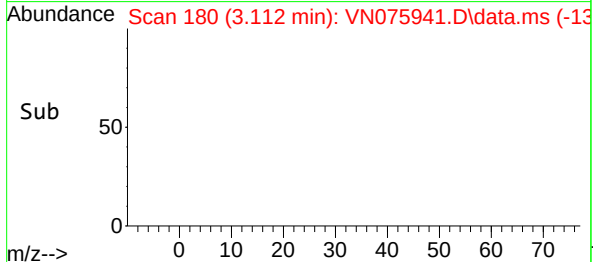
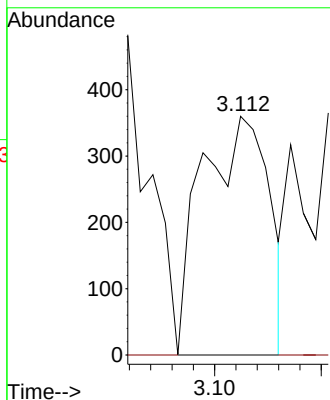
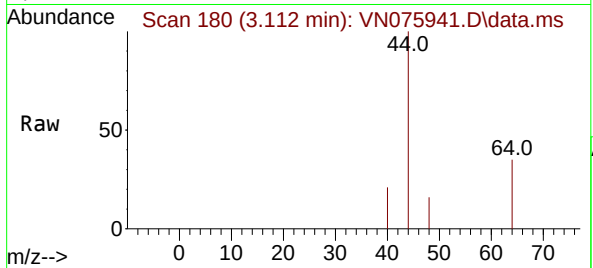




#6
Chloroethane
Concen: 0.278 ug/l
RT: 3.112 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

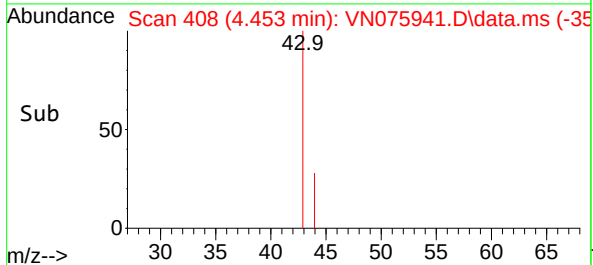
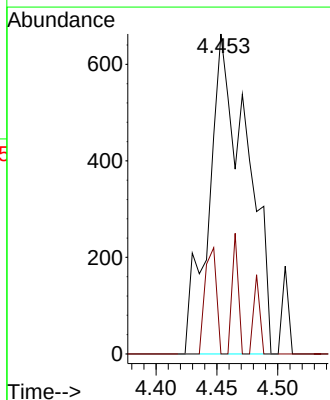
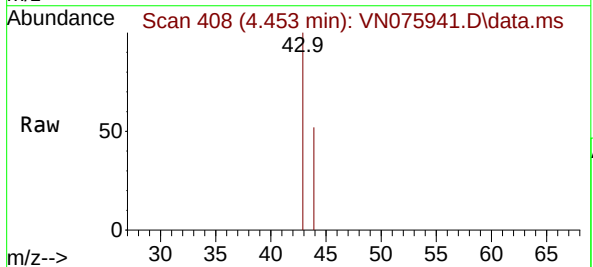
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-185-206-122122

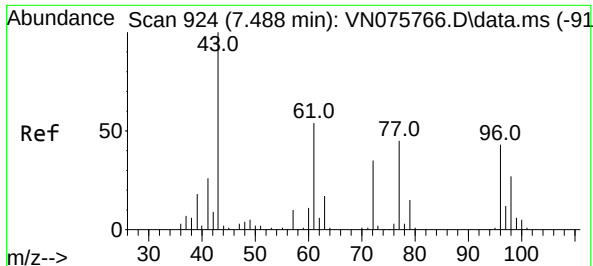
Tgt Ion: 64 Resp: 790
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#16
Acetone
Concen: 1.070 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

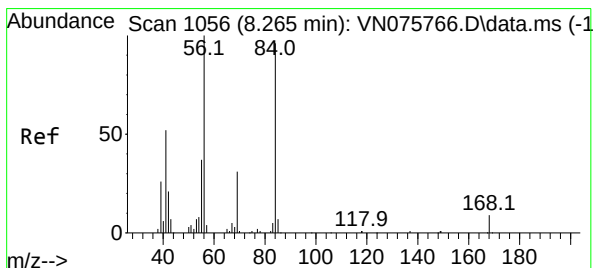
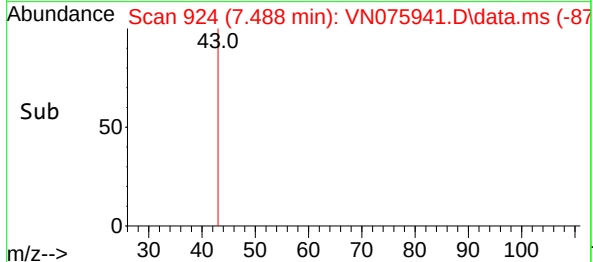
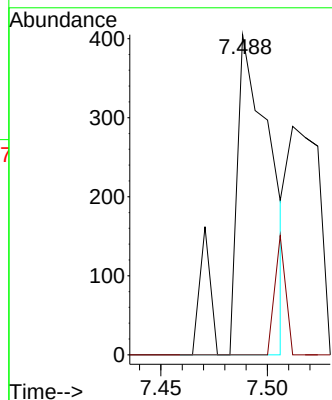
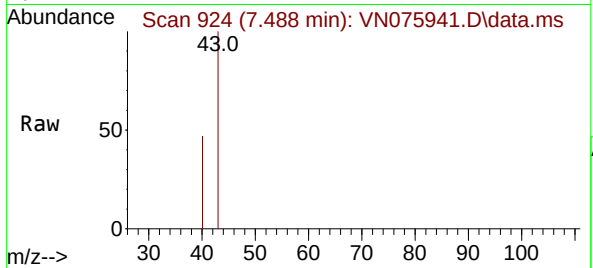




#25
2-Butanone
Concen: 0.253 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

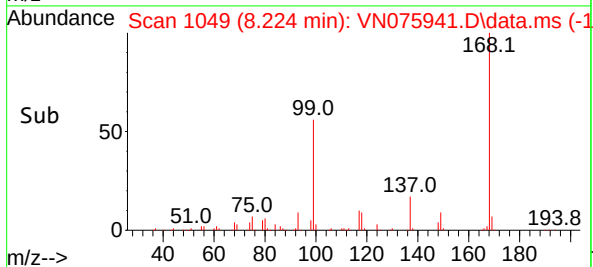
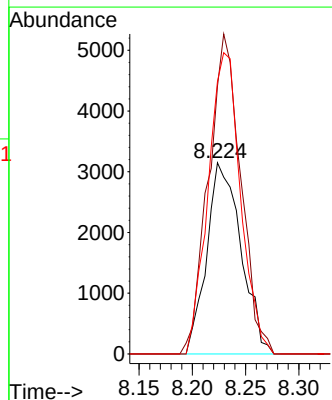
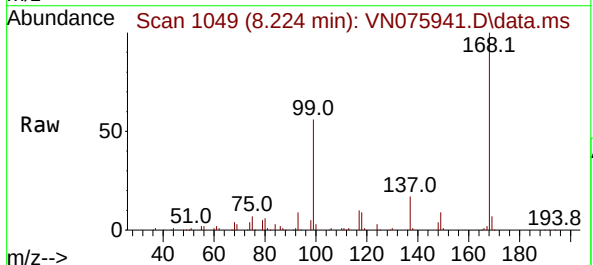
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-185-206-122122

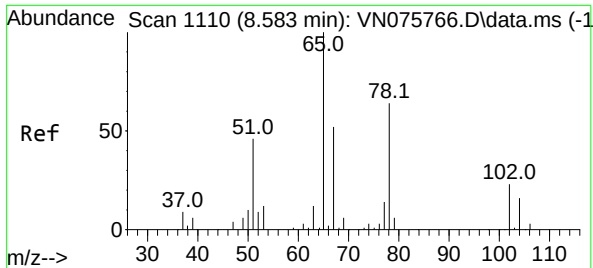
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
72 0.0 28.0 42.0#



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

Tgt Ion: 56 Resp: 7044
Ion Ratio Lower Upper
56 100
69 140.1 24.7 37.1#
84 142.6 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.862 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075941.D

Acq: 22 Dec 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

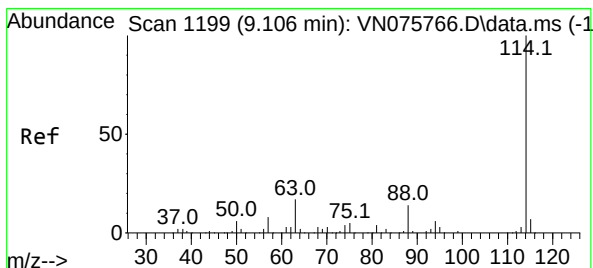
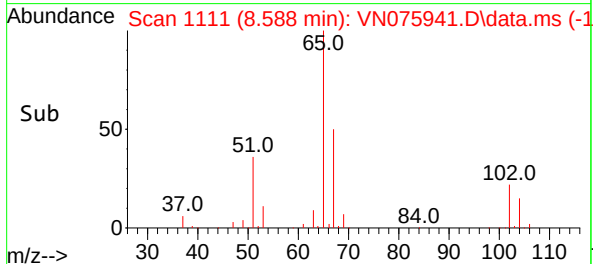
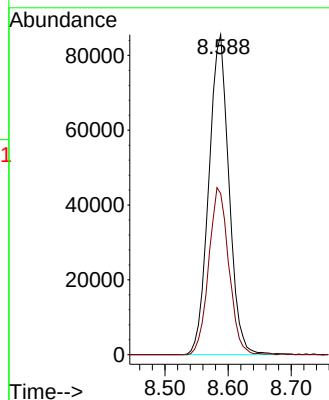
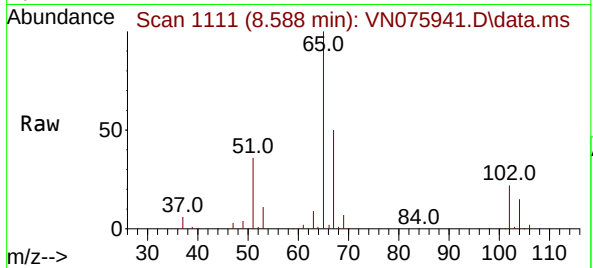
GWOW-BR-04-185-206-122122

Tgt Ion: 65 Resp: 189664

Ion Ratio Lower Upper

65 100

67 52.1 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: VN075941.D

Acq: 22 Dec 2022 13:39

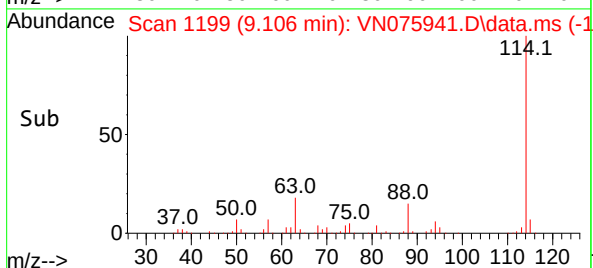
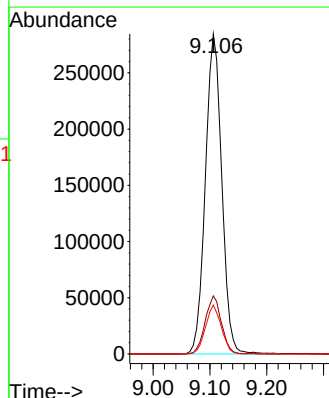
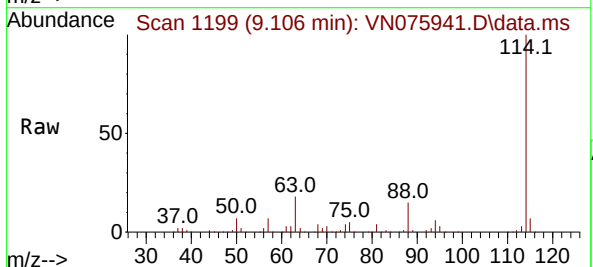
Tgt Ion: 114 Resp: 570256

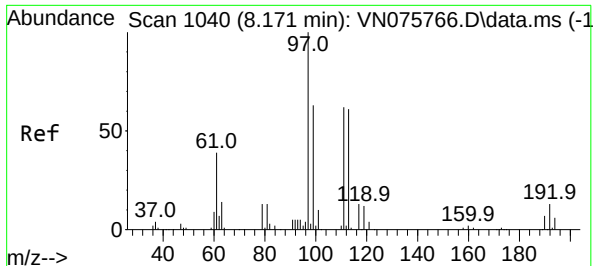
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.768 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075941.D

Acq: 22 Dec 2022 13:39

Instrument :

MSVOA_N

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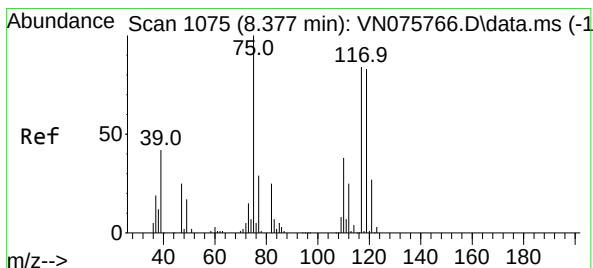
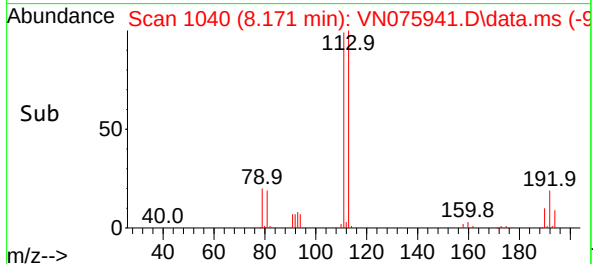
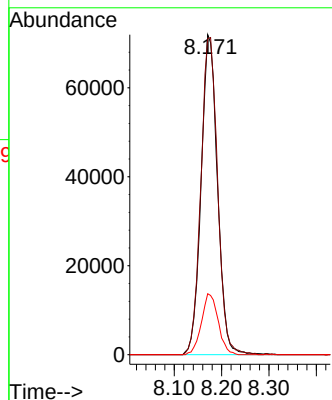
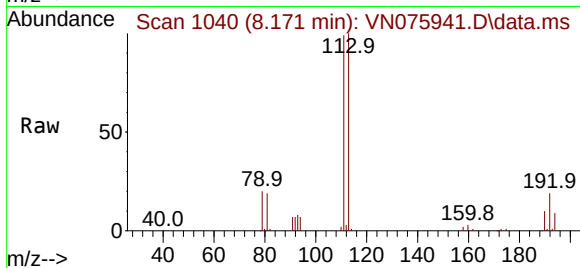
Tgt Ion:113 Resp: 172225

Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 19.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.456 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075941.D

Acq: 22 Dec 2022 13:39

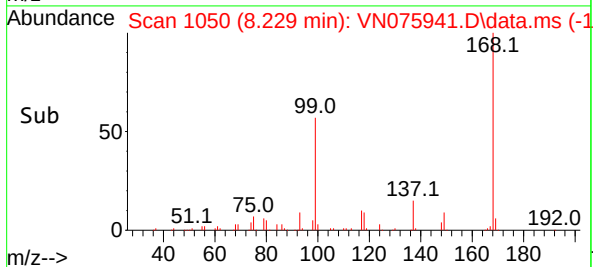
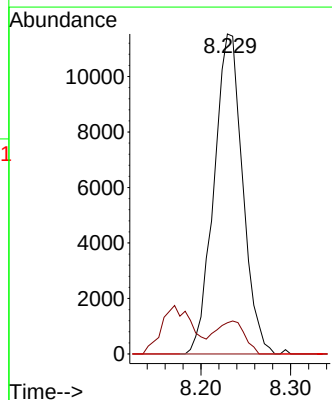
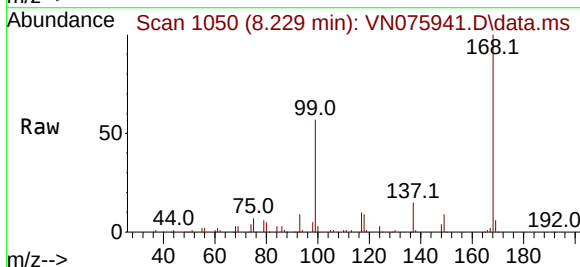
Tgt Ion: 75 Resp: 25596

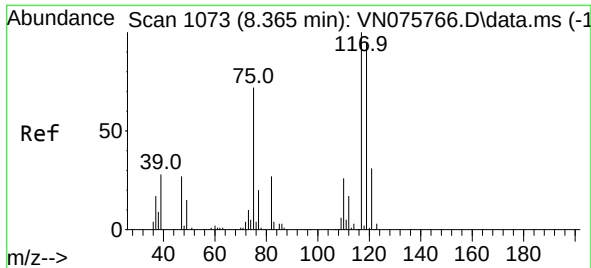
Ion Ratio Lower Upper

75 100

110 10.4 18.8 56.4#

77 0.0 24.1 36.1#

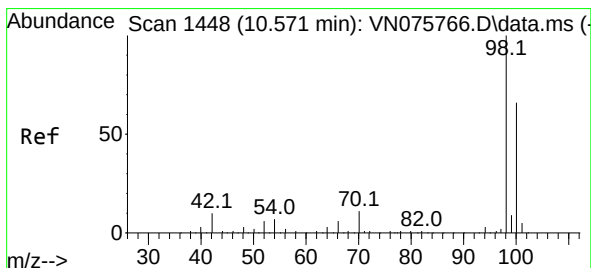
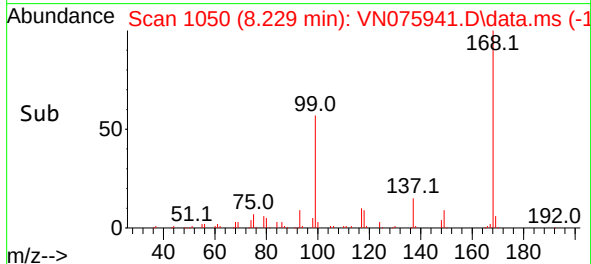
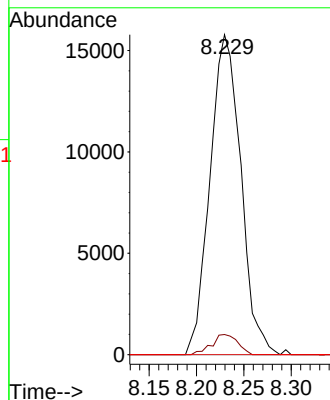
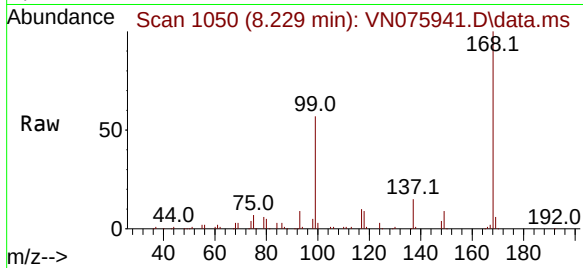




#38
Carbon Tetrachloride
Concen: 6.807 ug/l
RT: 8.229 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

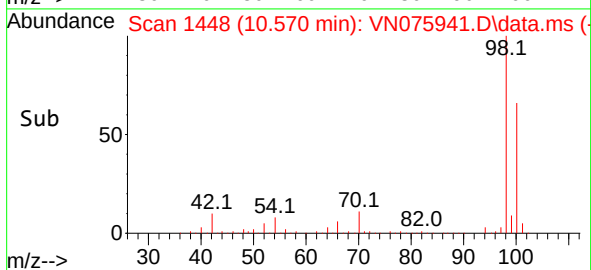
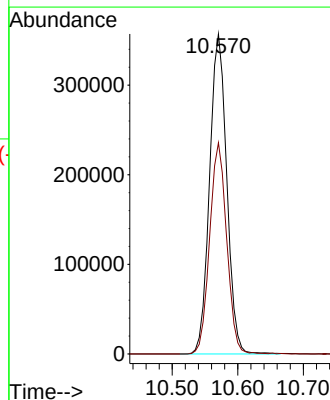
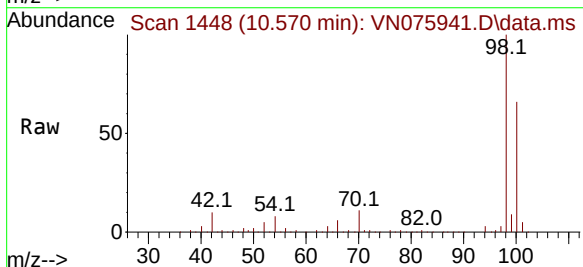
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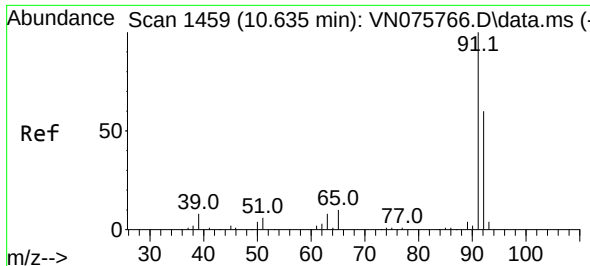
Tgt Ion:117 Resp: 35739
Ion Ratio Lower Upper
117 100
119 6.3 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.189 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

Tgt Ion: 98 Resp: 649487
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

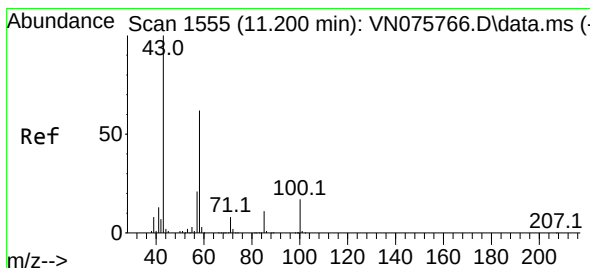
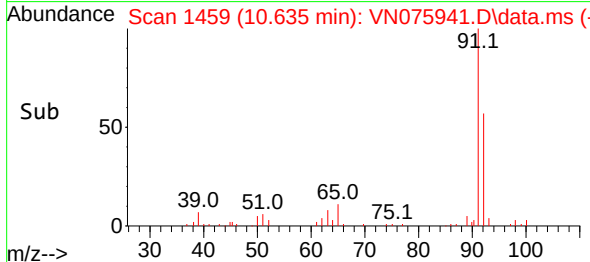
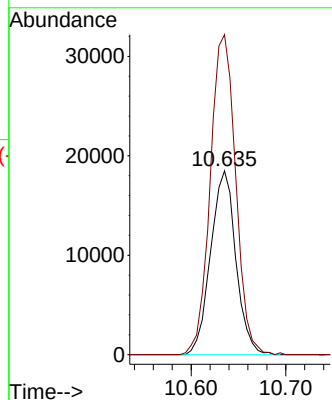
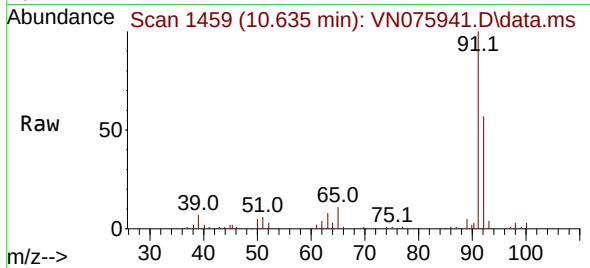




#52
Toluene
Concen: 3.635 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

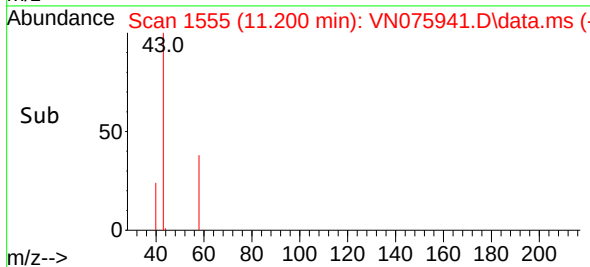
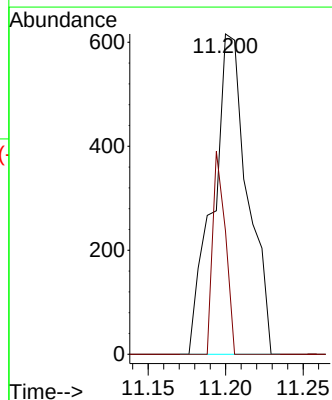
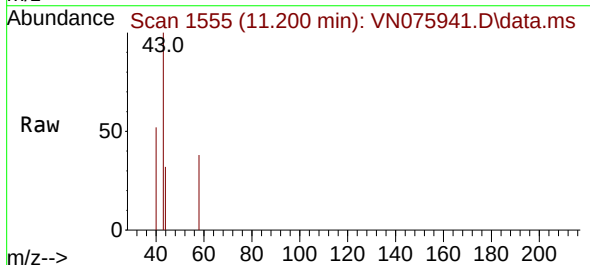
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-185-206-122122

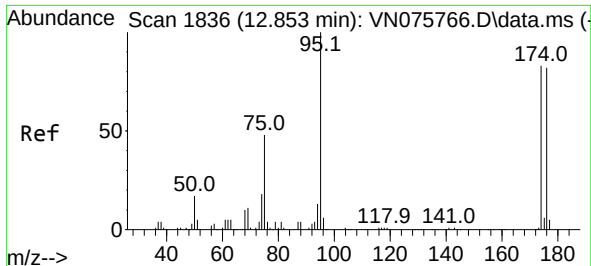
Tgt Ion: 92 Resp: 34268
Ion Ratio Lower Upper
92 100
91 175.6 137.3 205.9



#59
2-Hexanone
Concen: 0.350 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 23.0 30.6 92.0#

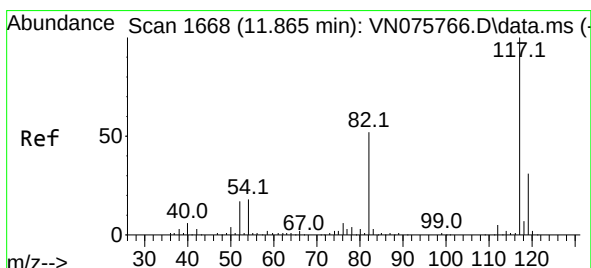
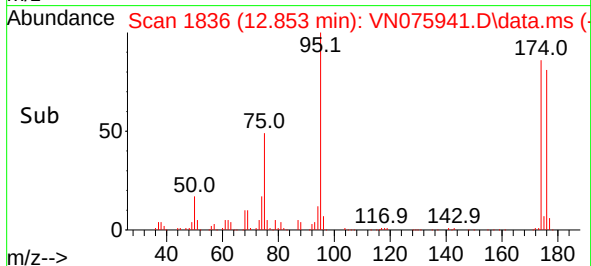
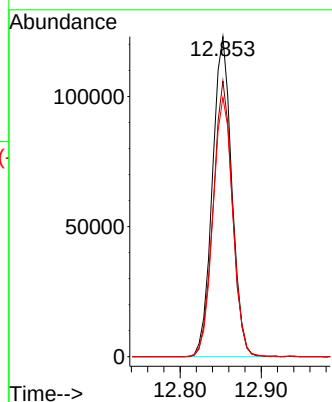
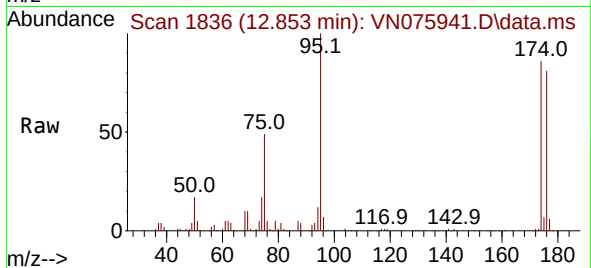




#62
4-Bromofluorobenzene
Concen: 46.599 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

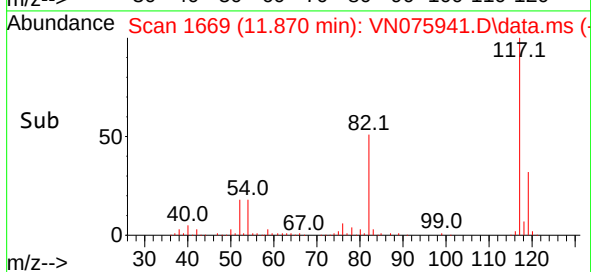
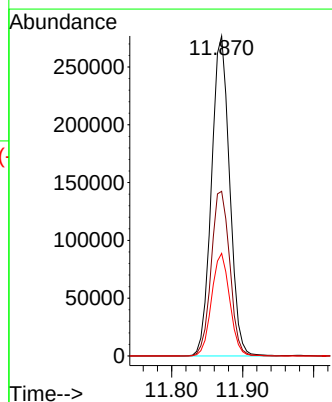
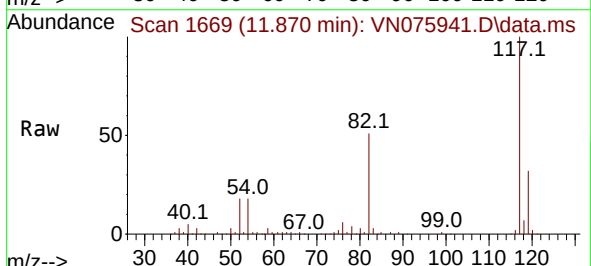
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-185-206-122122

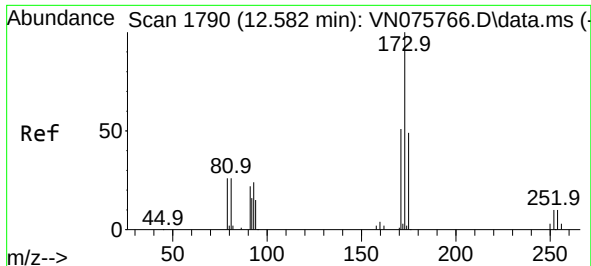
Tgt Ion: 95 Resp: 203790
Ion Ratio Lower Upper
95 100
174 85.8 0.0 171.6
176 82.9 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

Tgt Ion: 117 Resp: 490742
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 32.1 24.6 37.0

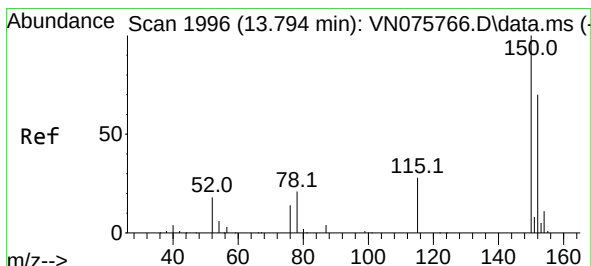
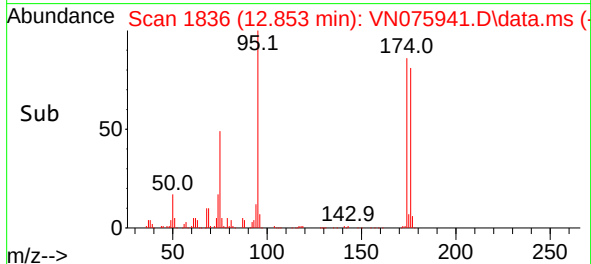
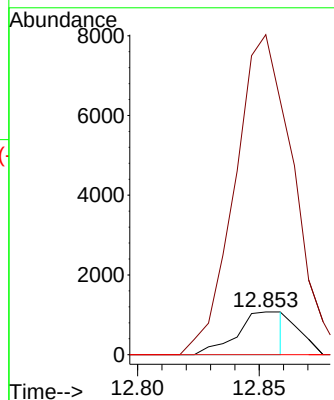
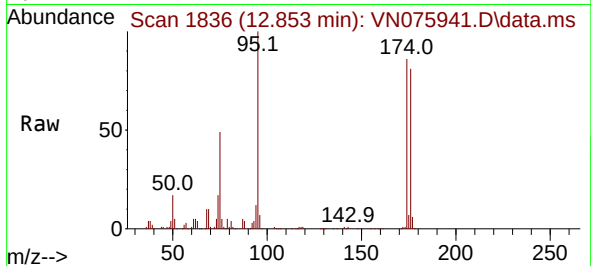




#71
Bromoform
Concen: 0.532 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

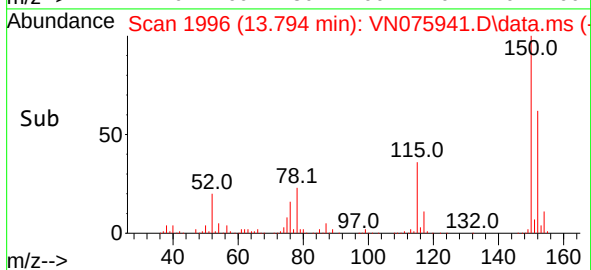
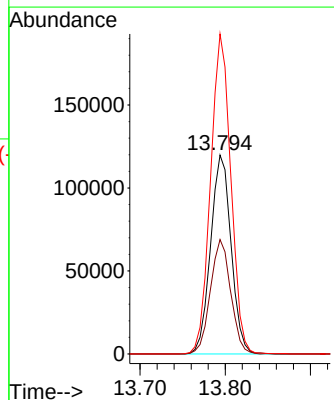
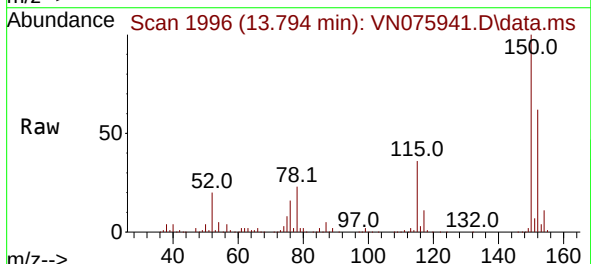
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-185-206-122122

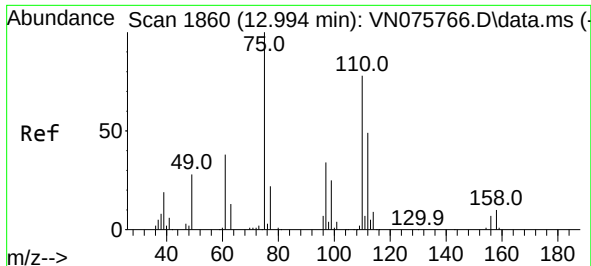
Tgt Ion:173 Resp: 1445
Ion Ratio Lower Upper
173 100
175 737.2 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

Tgt Ion:152 Resp: 200758
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.4
150 158.9 0.0 347.0

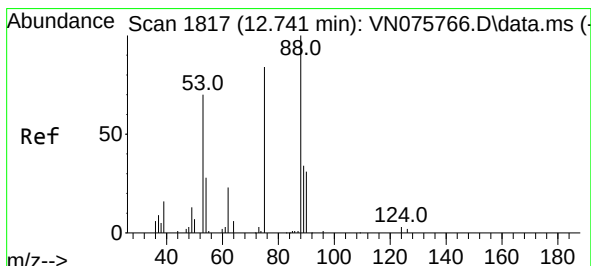
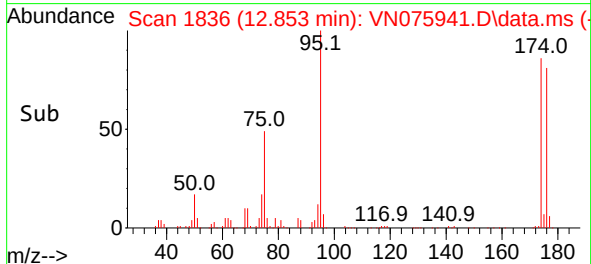
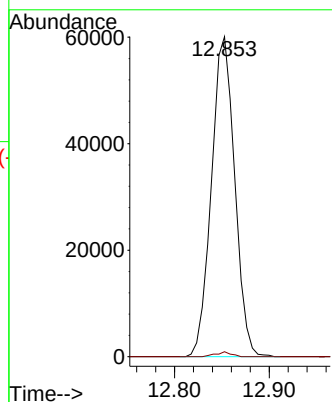
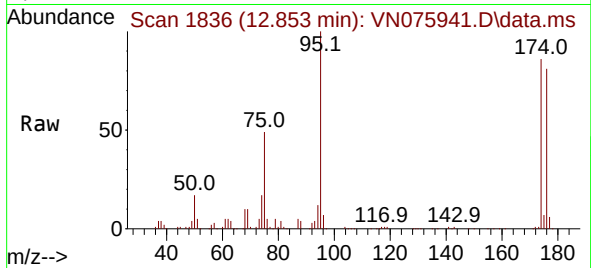




#76
1,2,3-Trichloropropane
Concen: 25.375 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

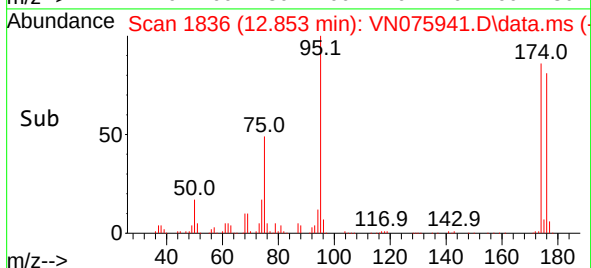
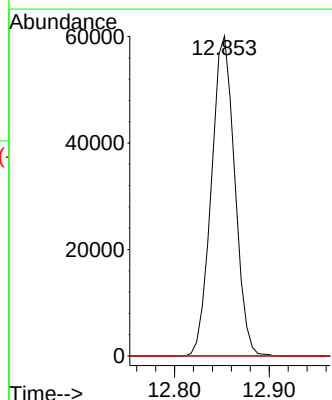
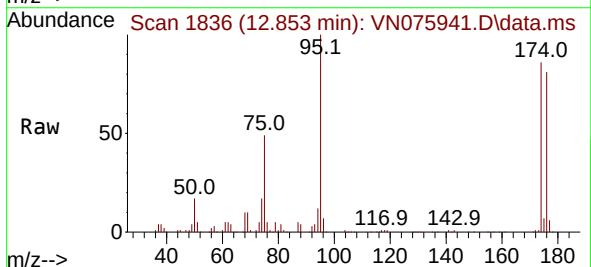
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-185-206-122122

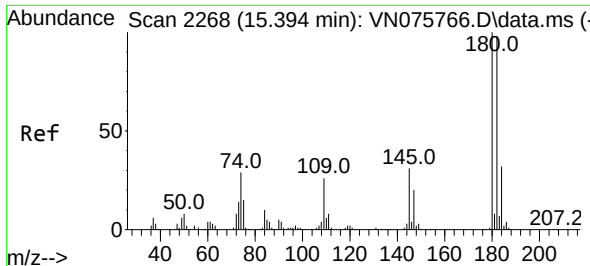
Tgt Ion: 75 Resp: 102686
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.336 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

Tgt Ion: 75 Resp: 102686
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#

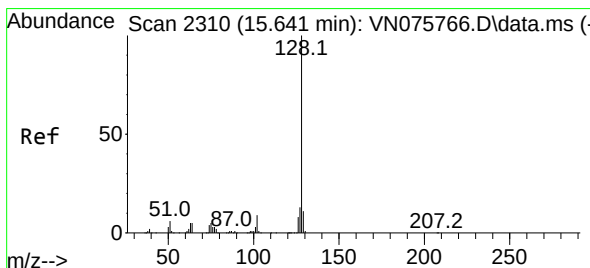
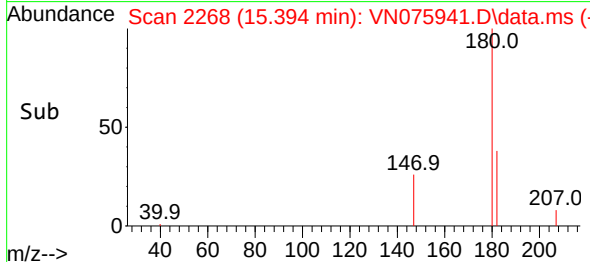
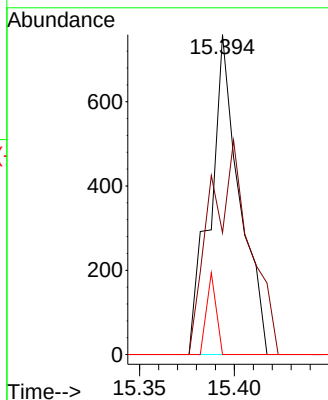
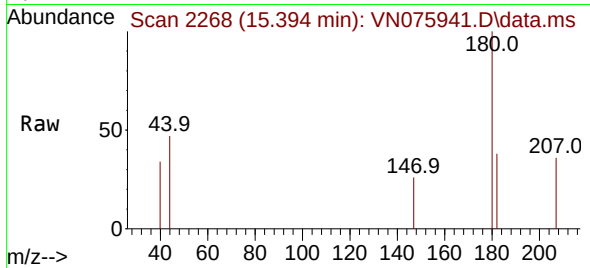




#93
1,2,4-Trichlorobenzene
Concen: 0.247 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

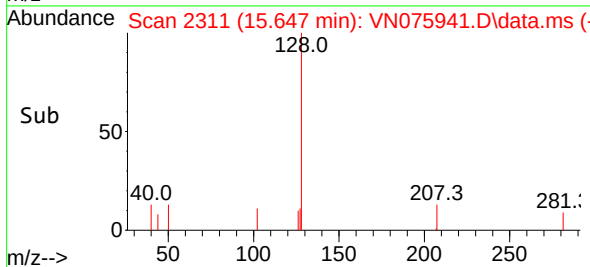
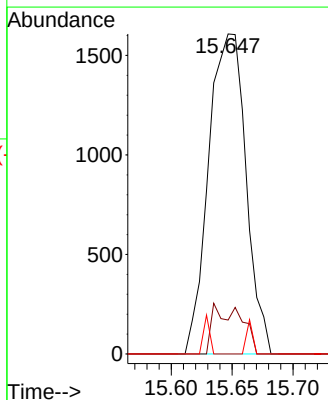
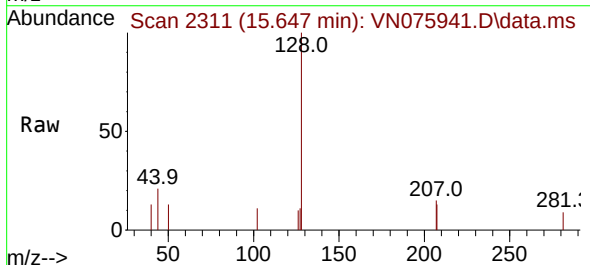
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-185-206-122122

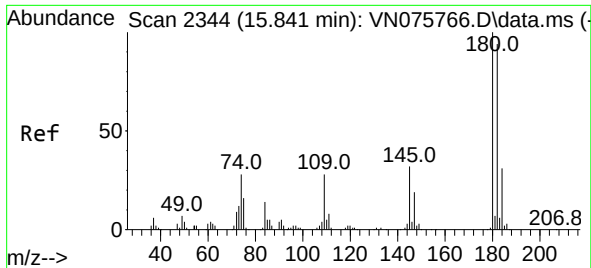
Tgt Ion:180 Resp: 816
Ion Ratio Lower Upper
180 100
182 90.3 47.5 142.5
145 8.3 15.3 45.8#



#95
Naphthalene
Concen: 2.478 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075941.D
Acq: 22 Dec 2022 13:39

Tgt Ion:128 Resp: 3435
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 1.8 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.248 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075941.D

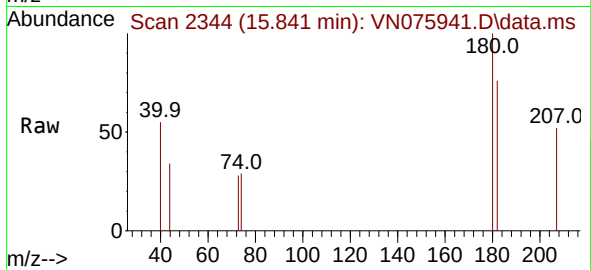
Acq: 22 Dec 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-185-206-122122



Tgt Ion:180 Resp: 766

Ion Ratio Lower Upper

180 100

182 81.1 47.0 141.0

145 8.4 16.0 47.9#

