

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075923.D
 Acq On : 21 Dec 2022 16:41
 Operator : JC\MD
 Sample : N6152-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GROUND-WATER

Quant Time: Dec 22 03:03:33 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	8.235	168	351164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	554142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	474174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	181771	47.580	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.160%
35) Dibromofluoromethane	8.177	113	164841	48.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	10.571	98	639602	49.849	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.853	95	195943	46.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%

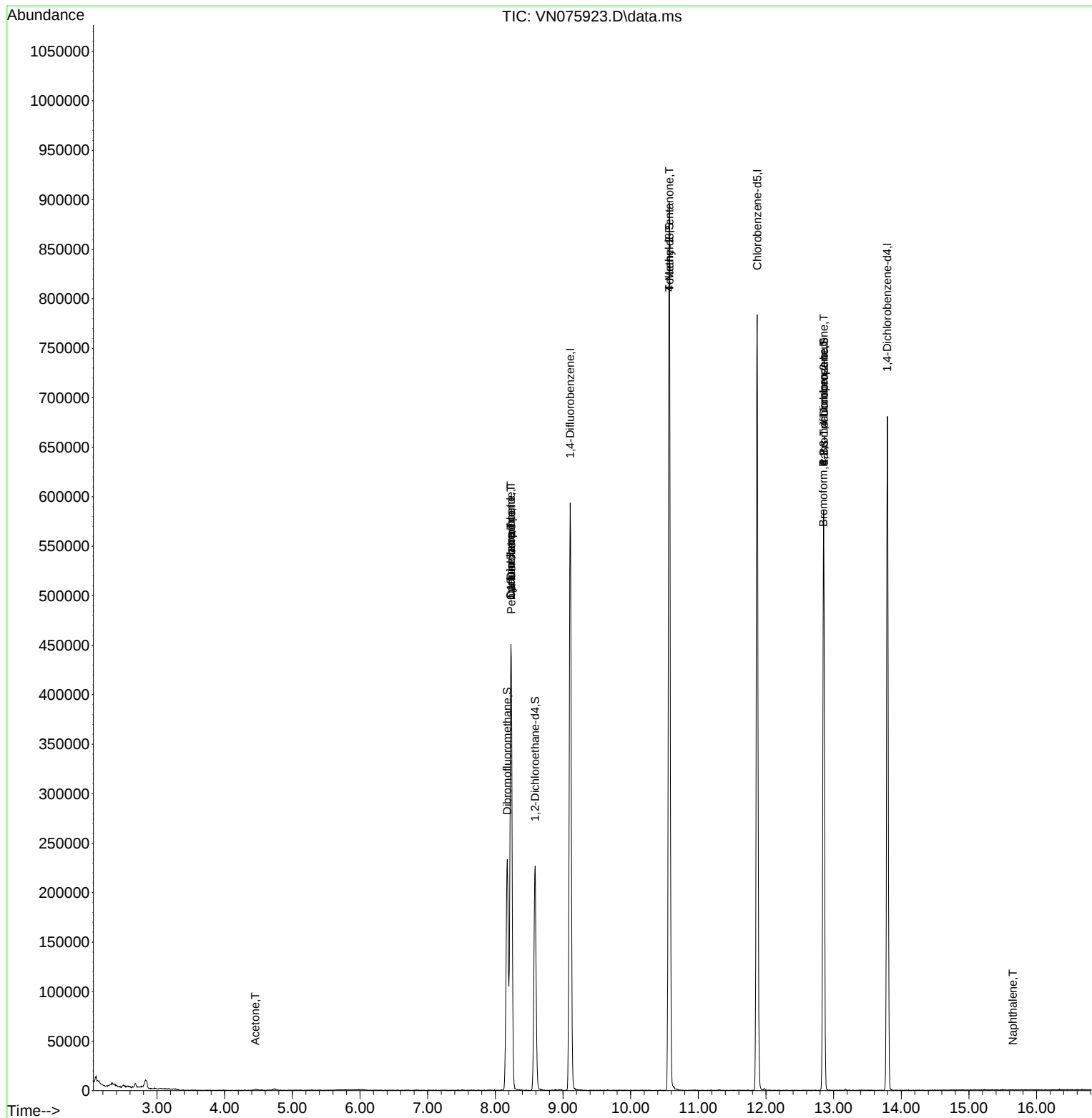
Target Compounds					Qvalue	
16) Acetone	4.453	43	1624	1.233	ug/l	93
20) Methylene Chloride	5.294	84	289	Below Cal	#	44
31) Cyclohexane	8.229	56	6733	1.231	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	24360	5.344	ug/l #	50
38) Carbon Tetrachloride	8.229	117	33867	6.638	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2343	0.641	ug/l #	1
71) Bromoform	12.847	173	1249	0.476	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	100425	25.698	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	100425	92.499	ug/l #	12
95) Naphthalene	15.647	128	417	2.215	ug/l #	69

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

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Instrument :
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GROUND-WATER

Quant Time: Dec 22 03:03:33 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

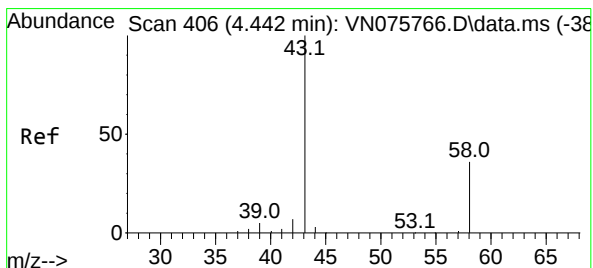
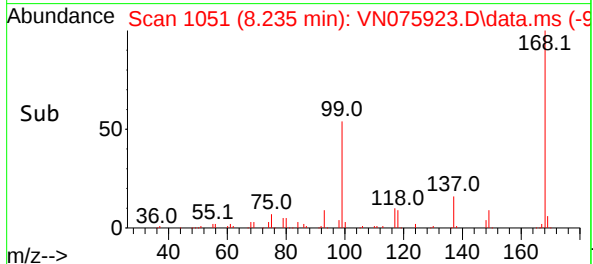
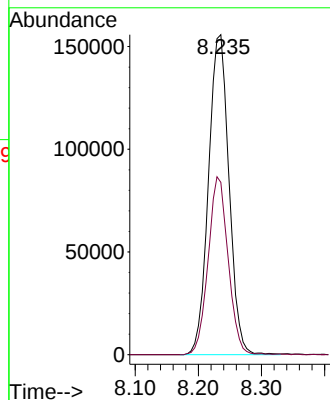
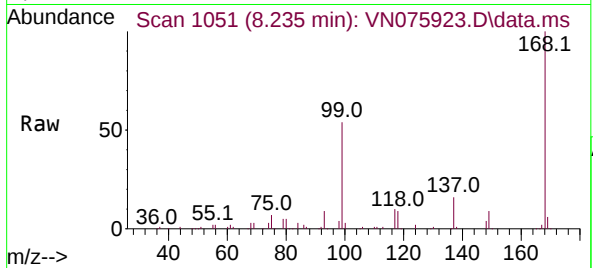




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

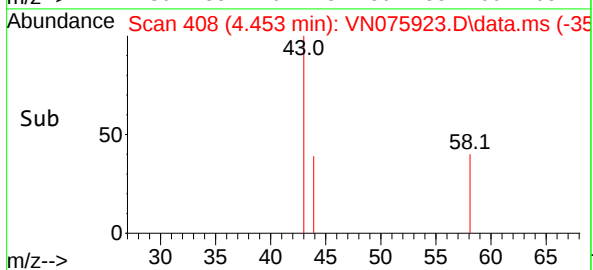
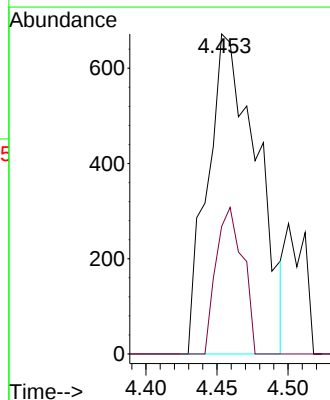
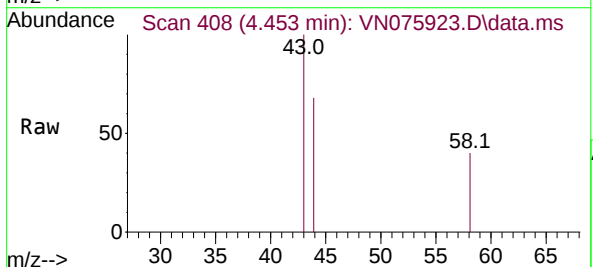
Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

Tgt Ion:168 Resp: 351164
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#16
Acetone
Concen: 1.233 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

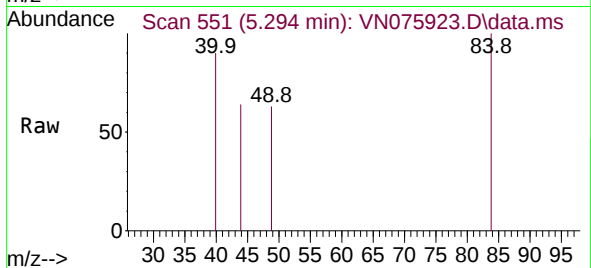
Tgt Ion: 43 Resp: 1624
Ion Ratio Lower Upper
43 100
58 39.9 28.6 43.0



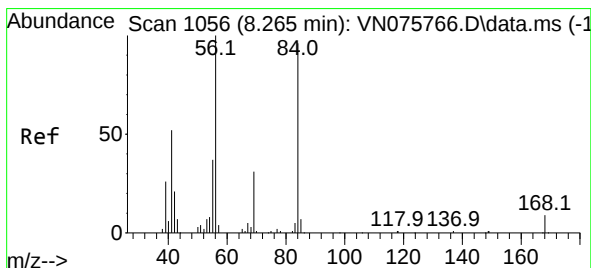
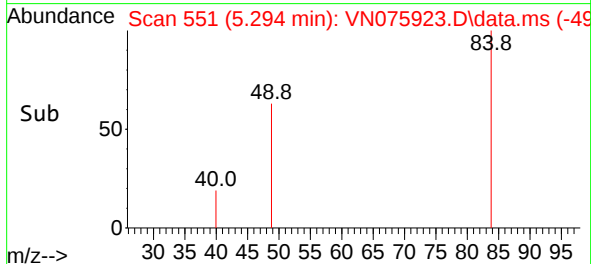
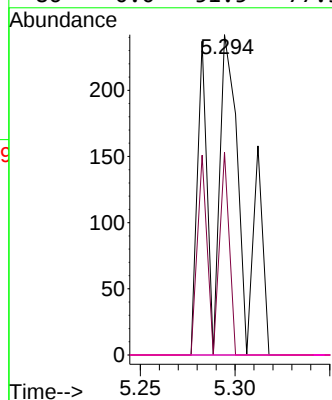


#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

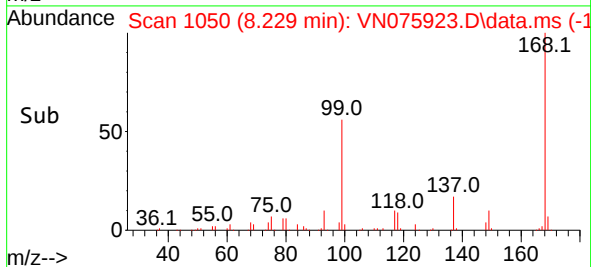
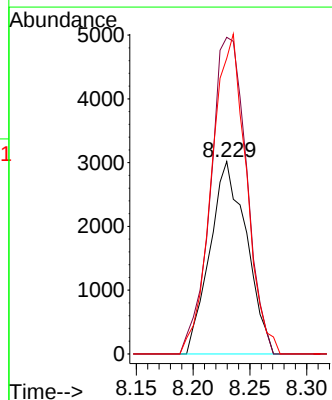
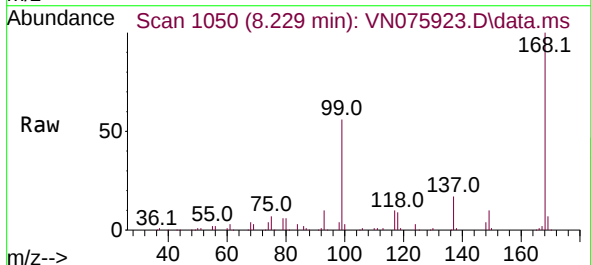


Tgt Ion:	84	Resp:	289
Ion	Ratio	Lower	Upper
84	100		
49	63.2	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#



#31
Cyclohexane
Concen: 1.231 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Tgt Ion:	56	Resp:	6733
Ion	Ratio	Lower	Upper
56	100		
69	164.5	24.7	37.1#
84	153.6	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.580 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075923.D

Acq: 21 Dec 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

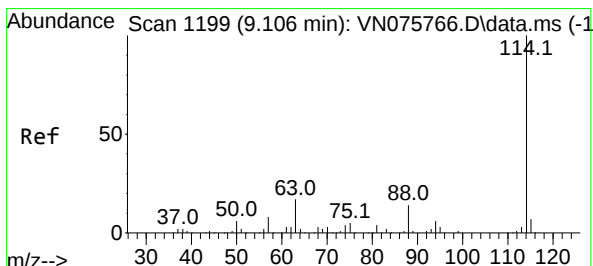
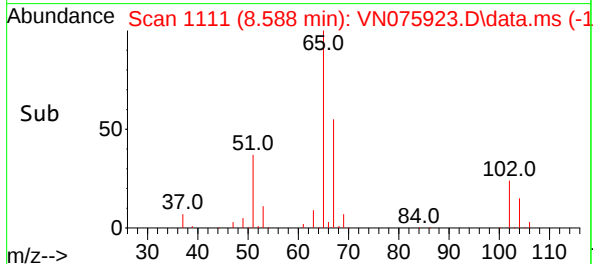
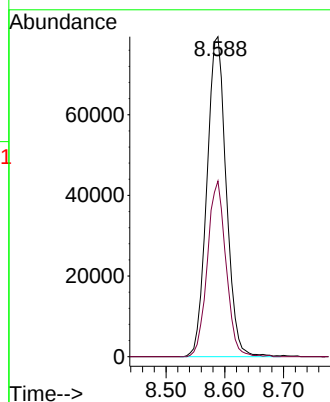
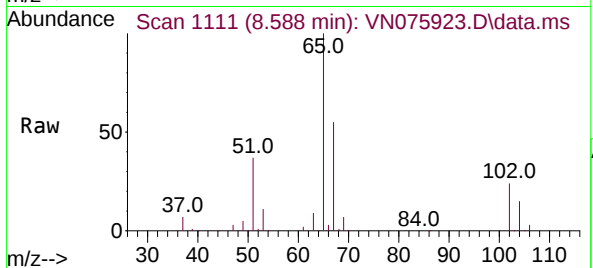
GROUND-WATER

Tgt Ion: 65 Resp: 181771

Ion Ratio Lower Upper

65 100

67 52.8 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: VN075923.D

Acq: 21 Dec 2022 16:41

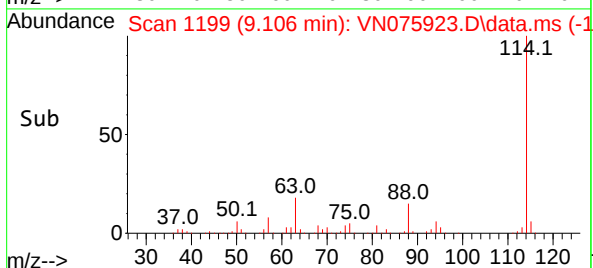
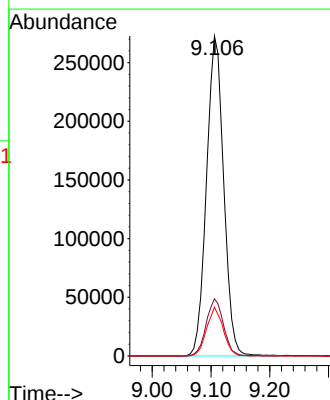
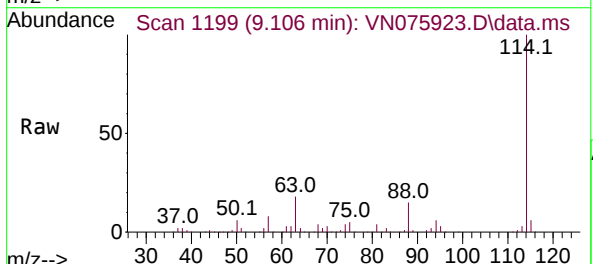
Tgt Ion: 114 Resp: 554142

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.034 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075923.D

Acq: 21 Dec 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

GROUND-WATER

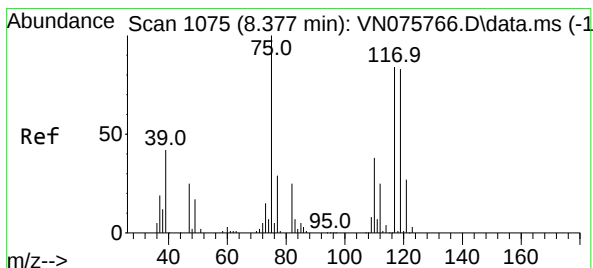
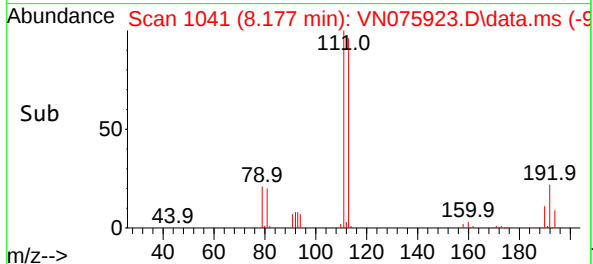
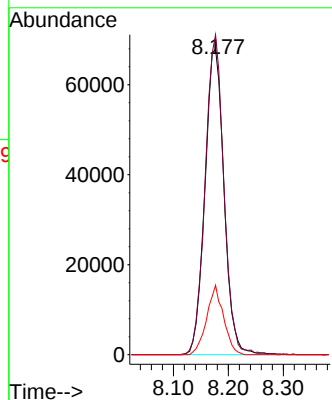
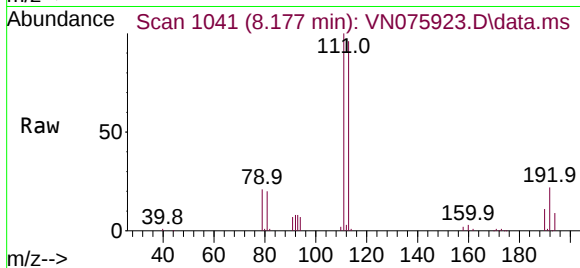
Tgt Ion:113 Resp: 164841

Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 19.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.344 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075923.D

Acq: 21 Dec 2022 16:41

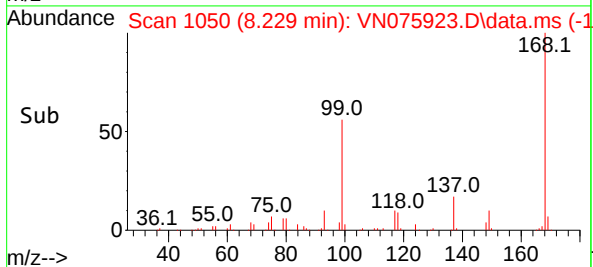
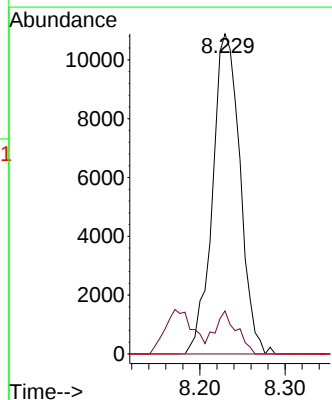
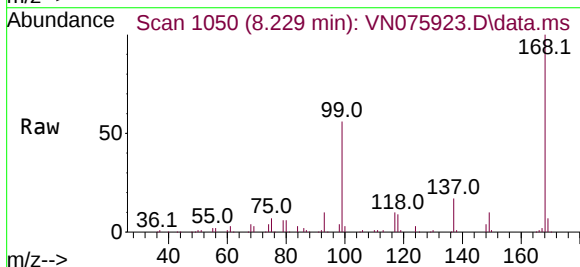
Tgt Ion: 75 Resp: 24360

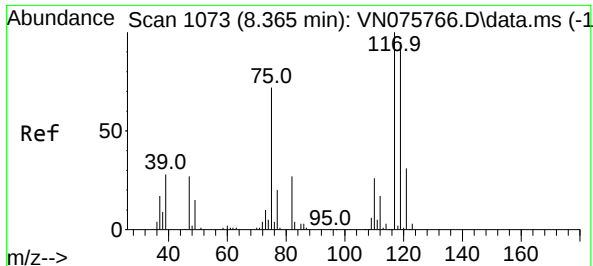
Ion Ratio Lower Upper

75 100

110 10.7 18.8 56.4#

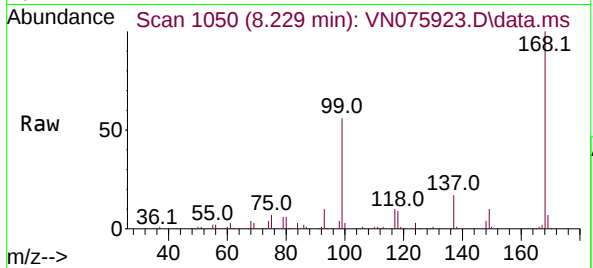
77 0.0 24.1 36.1#



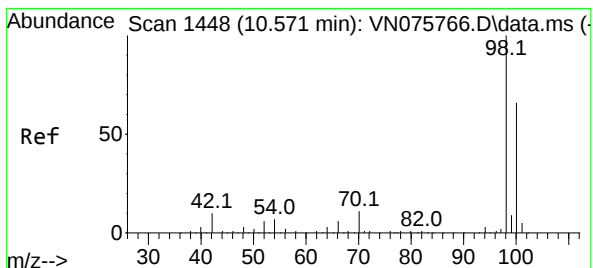
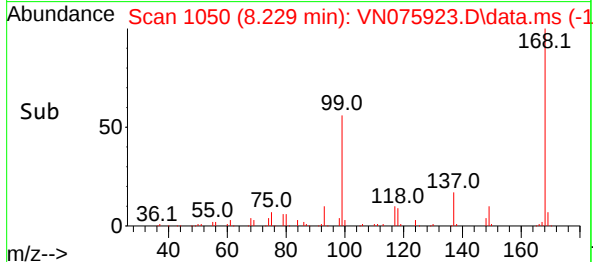
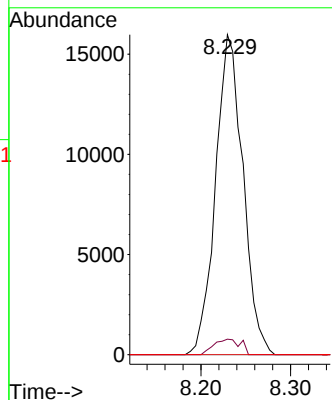


#38
Carbon Tetrachloride
Concen: 6.638 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

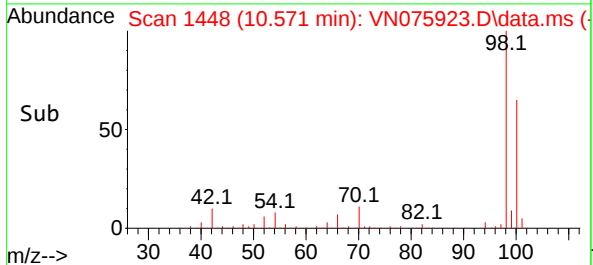
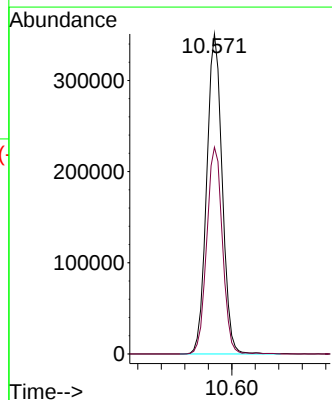
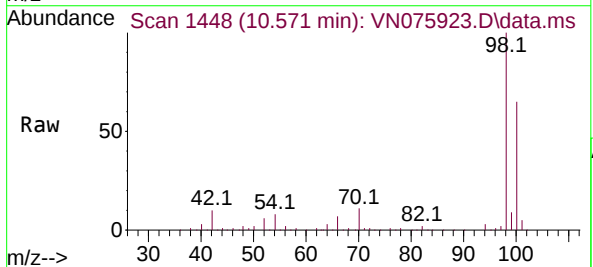


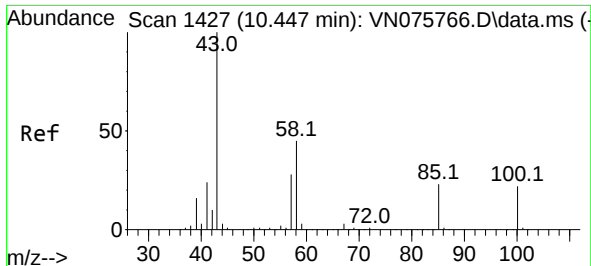
Tgt Ion:117 Resp: 33867
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.849 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Tgt Ion: 98 Resp: 639602
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

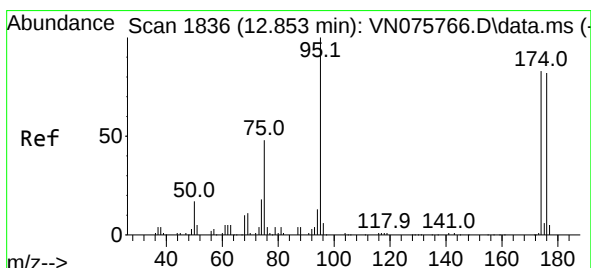
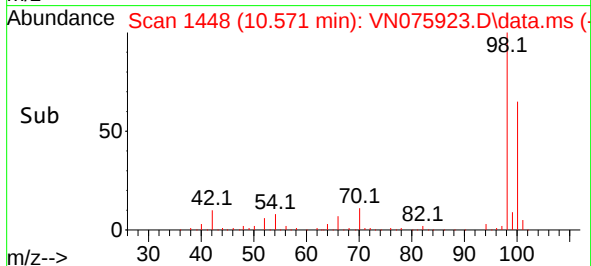
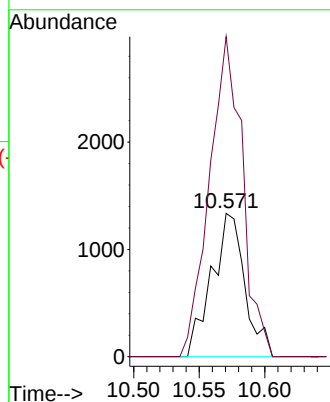
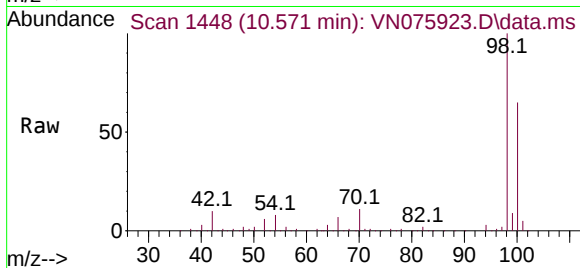




#51
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.123 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

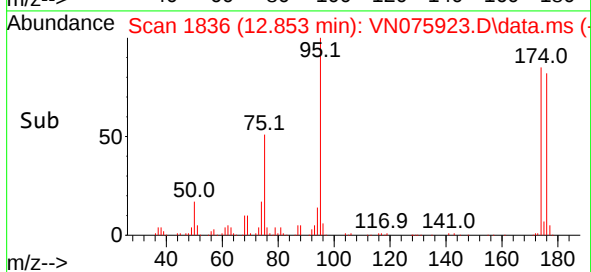
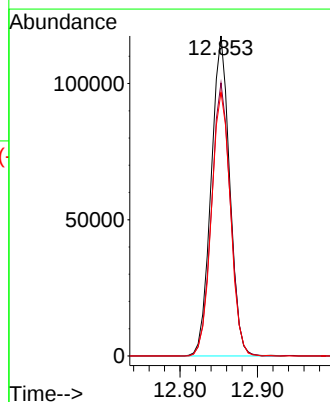
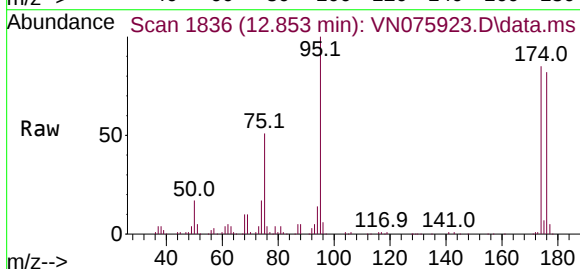
Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

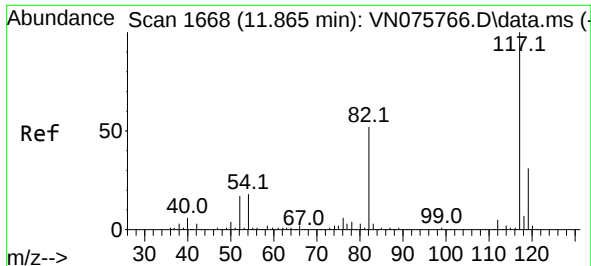
Tgt Ion: 43 Resp: 2343
Ion Ratio Lower Upper
43 100
58 223.0 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 46.107 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Tgt Ion: 95 Resp: 195943
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.6
176 84.0 0.0 169.2

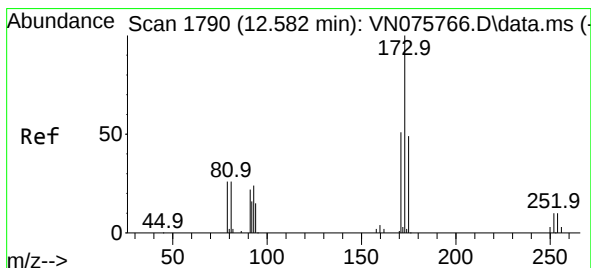
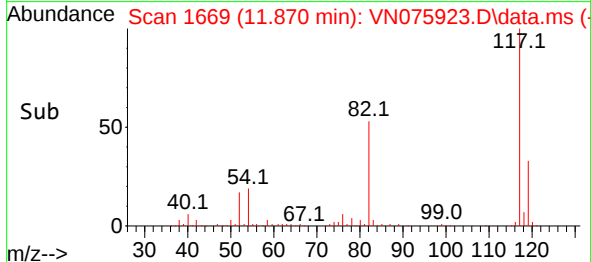
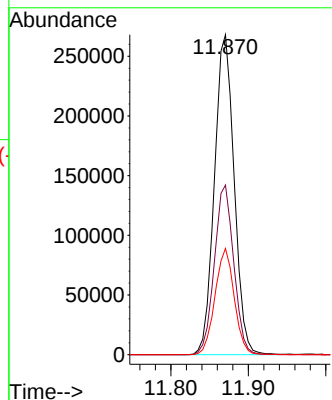
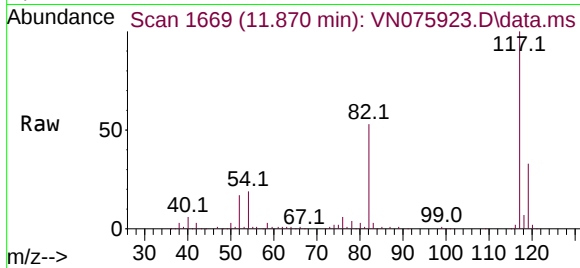




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

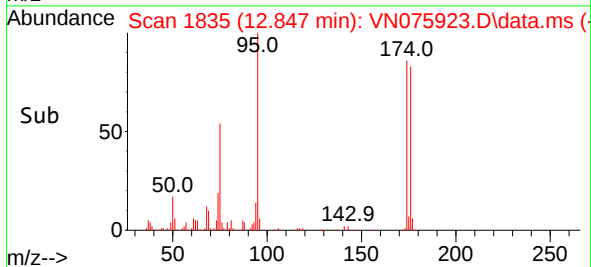
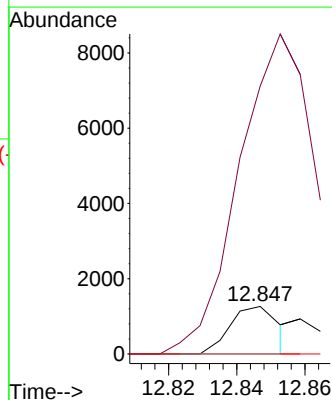
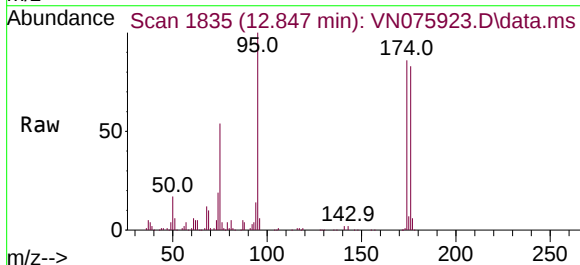
Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

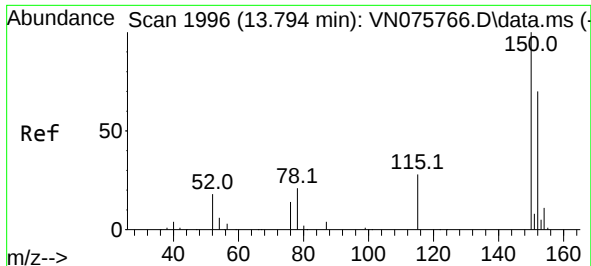
Tgt Ion:117 Resp: 474174
Ion Ratio Lower Upper
117 100
82 53.0 41.3 61.9
119 33.2 24.6 37.0



#71
Bromoform
Concen: 0.476 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Tgt Ion:173 Resp: 1249
Ion Ratio Lower Upper
173 100
175 890.6 24.3 72.8#
254 0.0 0.0 0.0

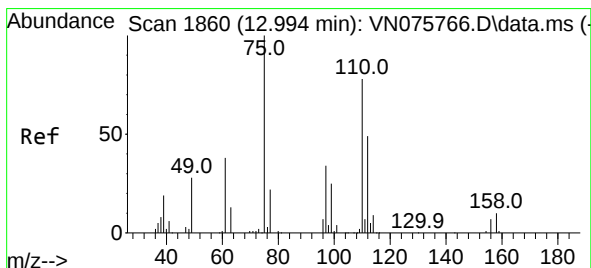
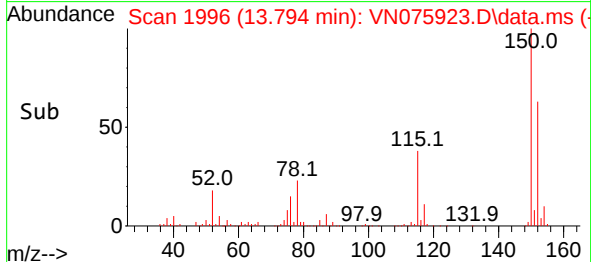
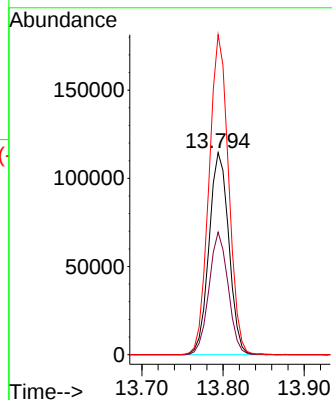
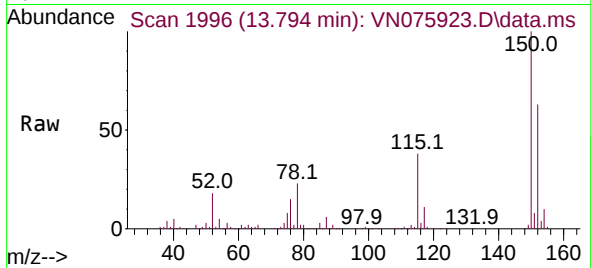




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075923.D
 Acq: 21 Dec 2022 16:41

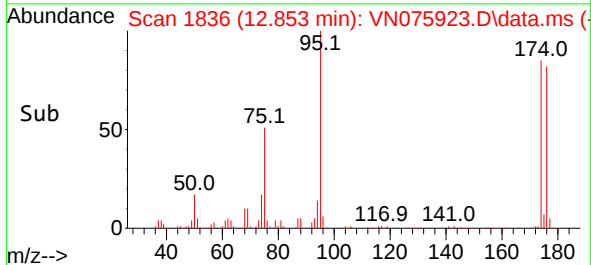
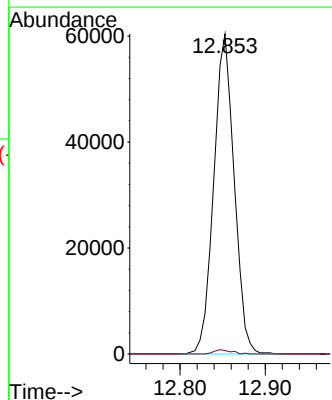
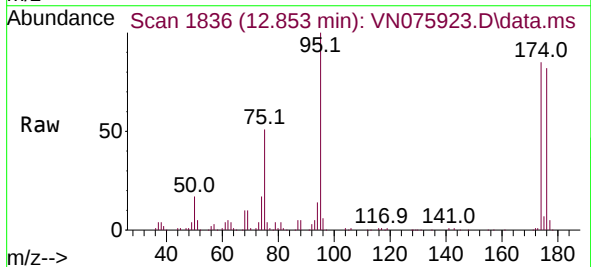
Instrument :
 MSVOA_N
 ClientSampleId :
 GROUND-WATER

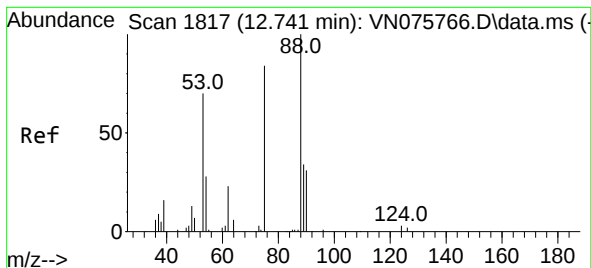
Tgt Ion:152 Resp: 193870
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.1 87.4
 150 156.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.698 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075923.D
 Acq: 21 Dec 2022 16:41

Tgt Ion: 75 Resp: 100425
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

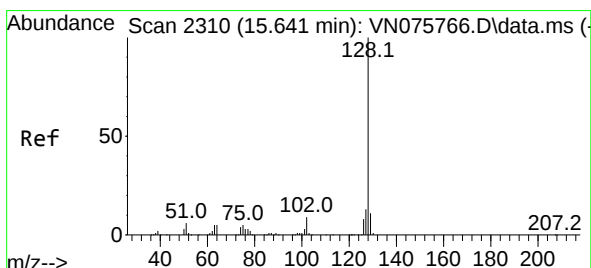
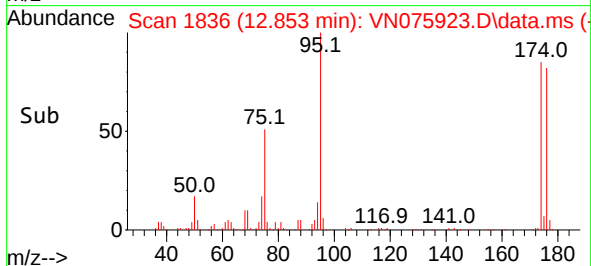
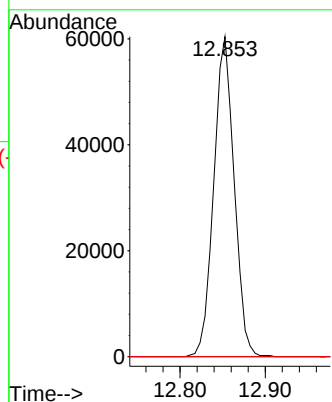
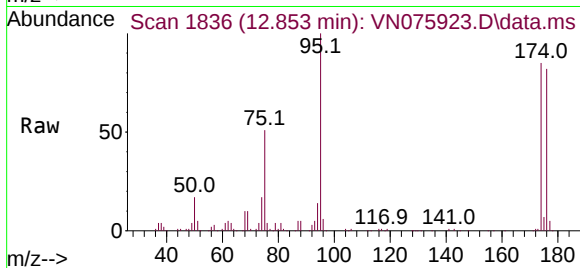




#81
trans-1,4-Dichloro-2-butene
Concen: 92.499 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

Tgt Ion: 75 Resp: 100425
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.215 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Tgt Ion: 128 Resp: 417
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

