

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077769.D
 Acq On : 19 May 2023 17:11
 Operator : JC\MD
 Sample : 02862-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-198-200

Quant Time: May 29 09:51:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

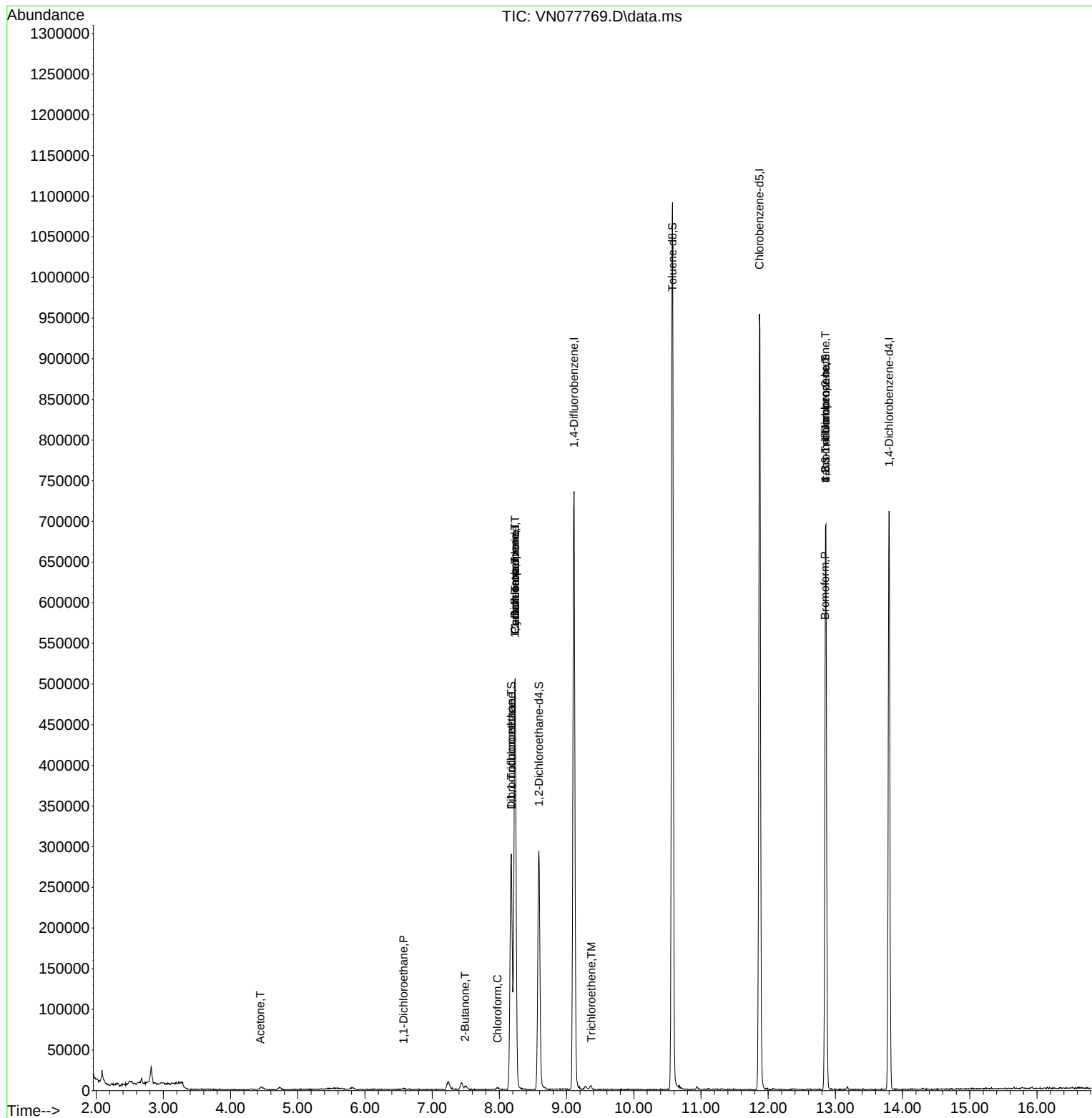
Internal Standards						
1) Pentafluorobenzene	8.236	168	362554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	656825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	574653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	198744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	246213	45.387	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.780%		
35) Dibromofluoromethane	8.177	113	207331	48.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.820%		
50) Toluene-d8	10.577	98	808532	49.044	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.080%		
62) 4-Bromofluorobenzene	12.853	95	259641	44.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.180%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1094	Below Cal	#	84
13) Acrolein	4.200	56	73	Below Cal		93
16) Acetone	4.442	43	2292	1.343	ug/l	97
20) Methylene Chloride	5.295	84	149	Below Cal	#	13
24) 1,1-Dichloroethane	6.577	63	2420	0.301	ug/l	# 81
25) 2-Butanone	7.488	43	6078	2.277	ug/l	97
30) Chloroform	7.971	83	2856	0.323	ug/l	# 71
31) Cyclohexane	8.236	56	8378	1.136	ug/l	# 40
32) 1,1,1-Trichloroethane	8.177	97	3328	0.442	ug/l	# 35
36) 1,1-Dichloropropene	8.230	75	30574	4.880	ug/l	# 47
38) Carbon Tetrachloride	8.236	117	40707	6.435	ug/l	# 15
44) Trichloroethene	9.371	130	1608	0.344	ug/l	85
71) Bromoform	12.847	173	1084	0.378	ug/l	# 28
76) 1,2,3-Trichloropropane	12.853	75	135334	27.190	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	135334	86.915	ug/l	# 15

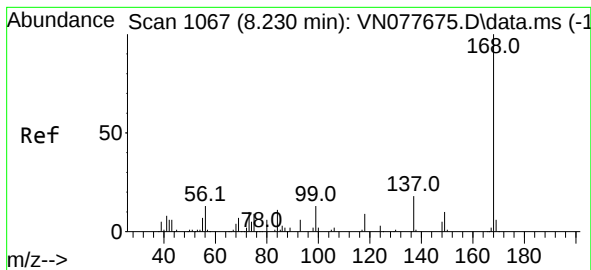
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
Data File : VN077769.D
Acq On : 19 May 2023 17:11
Operator : JC\MD
Sample : 02862-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

Quant Time: May 29 09:51:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN077769.D

Acq: 19 May 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

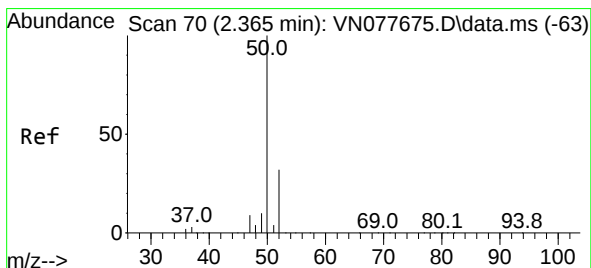
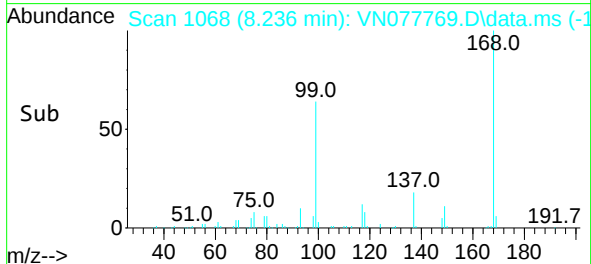
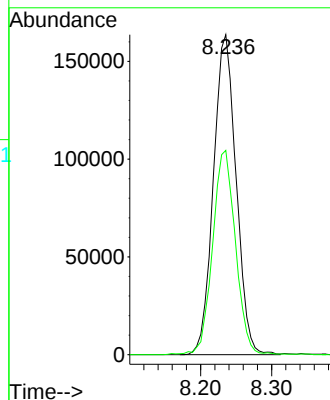
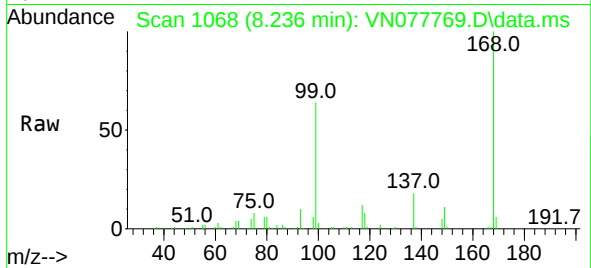
BP-VPB-RW11-GW-198-200

Tgt Ion:168 Resp: 362554

Ion Ratio Lower Upper

168 100

99 63.6 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.377 min Scan# 72

Delta R.T. 0.012 min

Lab File: VN077769.D

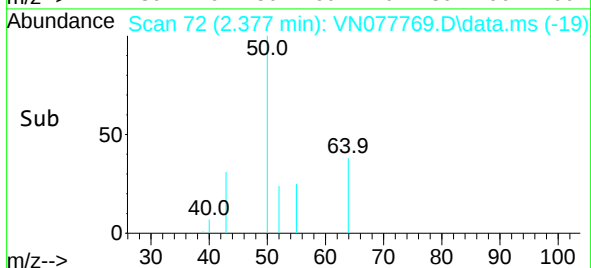
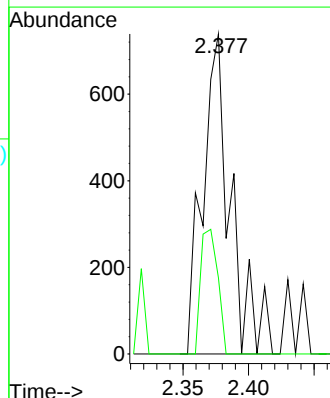
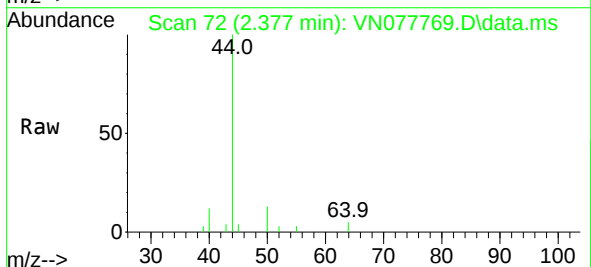
Acq: 19 May 2023 17:11

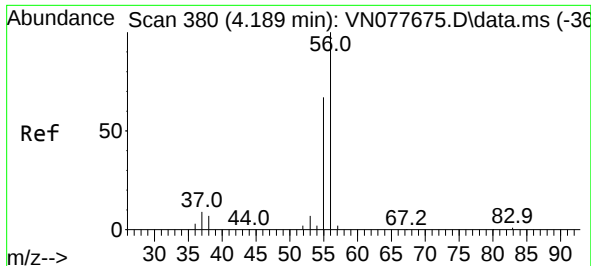
Tgt Ion: 50 Resp: 1094

Ion Ratio Lower Upper

50 100

52 23.8 26.5 39.7#

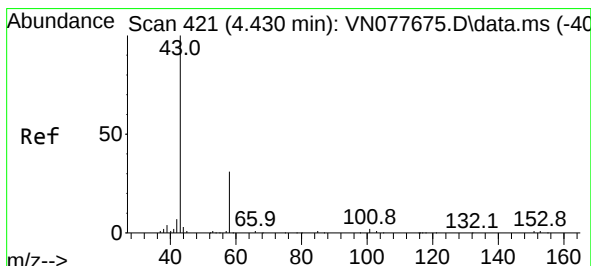
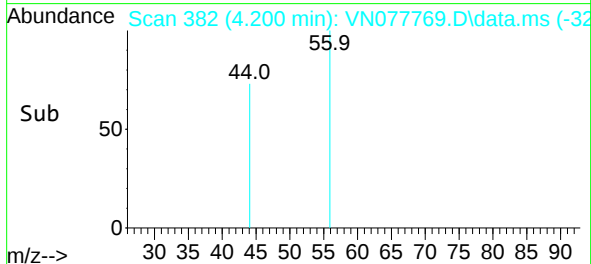
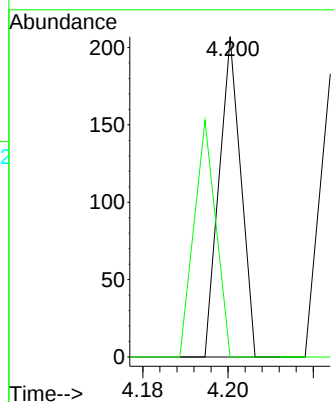
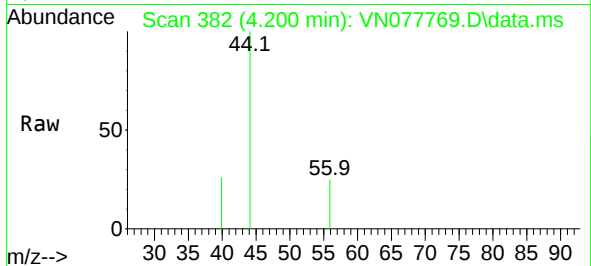




#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 381
Delta R.T. 0.011 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

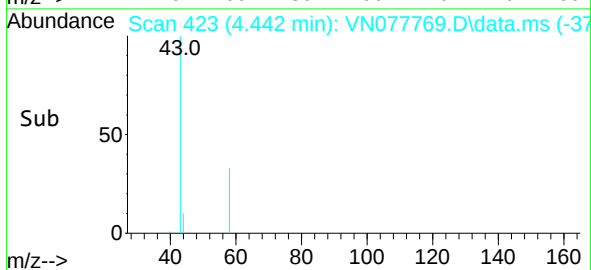
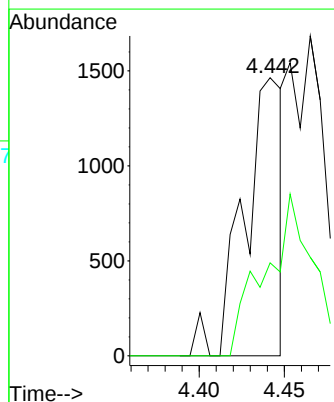
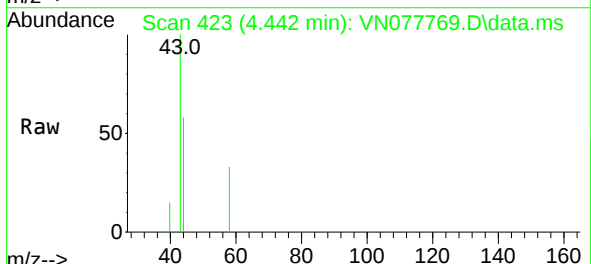
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-198-200

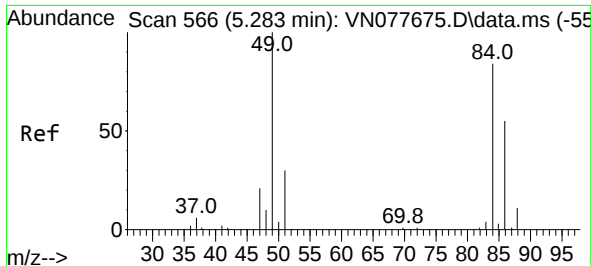
Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 74.0 54.5 81.7



#16
Acetone
Concen: 1.343 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

Tgt Ion: 43 Resp: 2292
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0

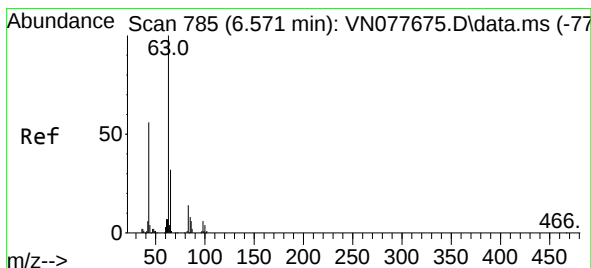
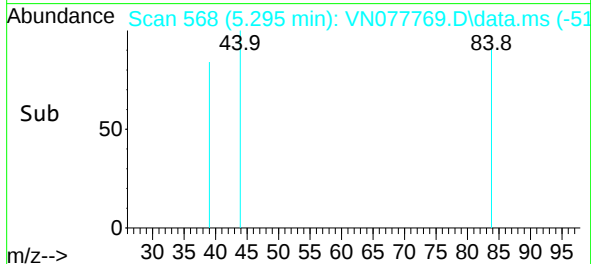
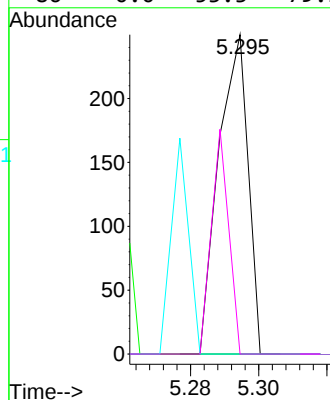
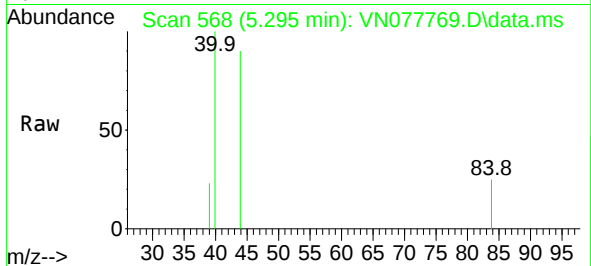




#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

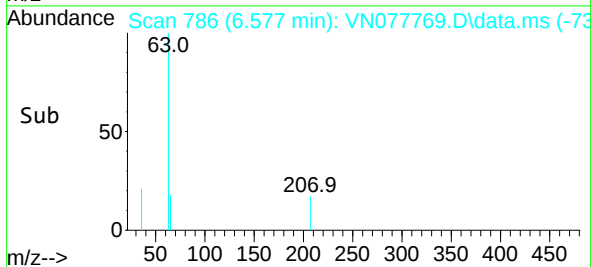
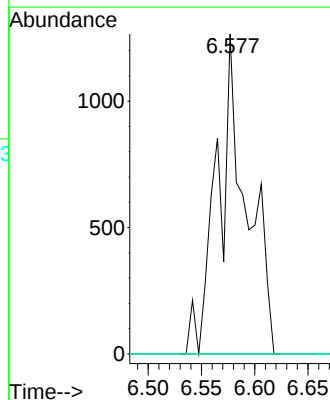
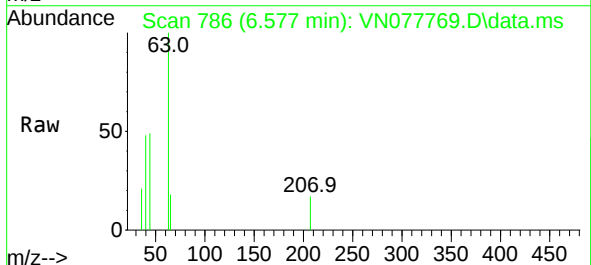
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

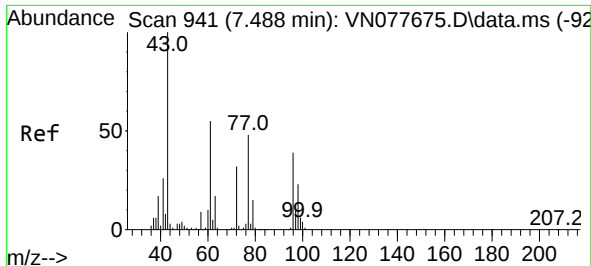
Tgt Ion:	84	Resp:	149
Ion	Ratio	Lower	Upper
84	100		
49	0.0	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#



#24
1,1-Dichloroethane
Concen: 0.301 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

Tgt Ion:	63	Resp:	2420
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	0.0	2.5	7.4#

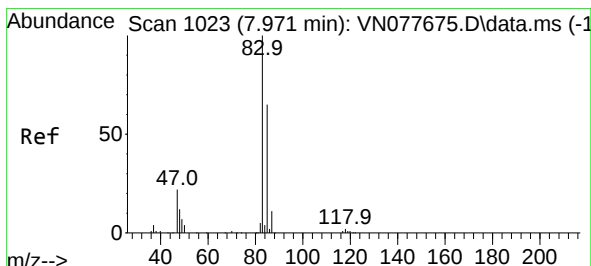
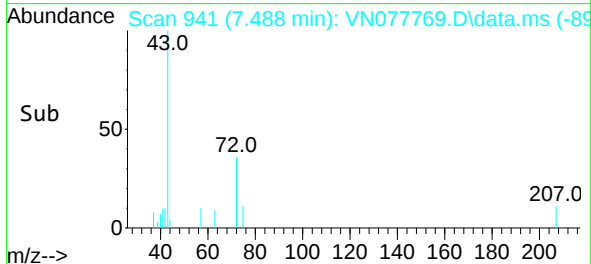
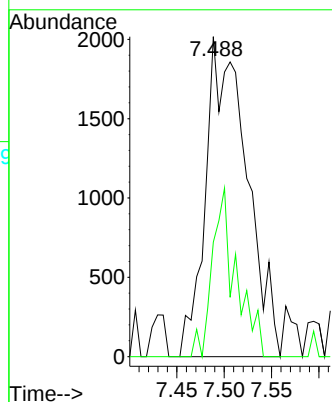
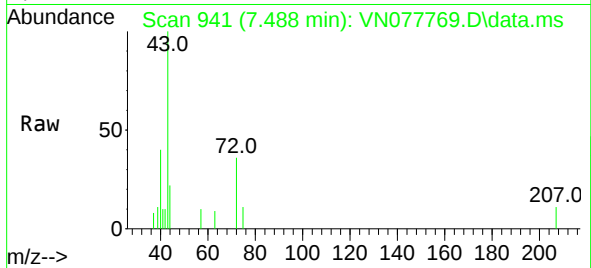




#25
2-Butanone
Concen: 2.277 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

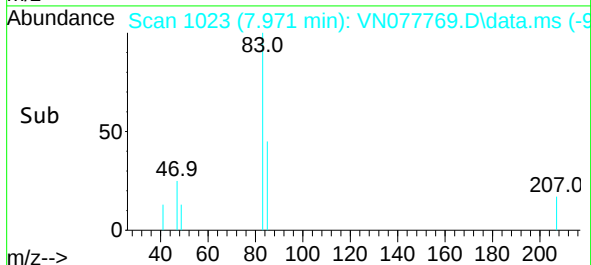
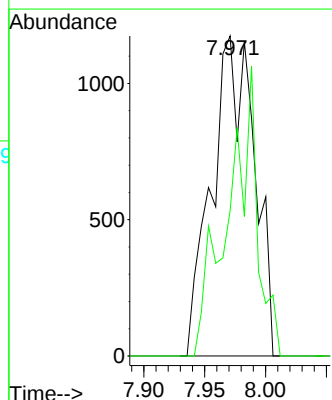
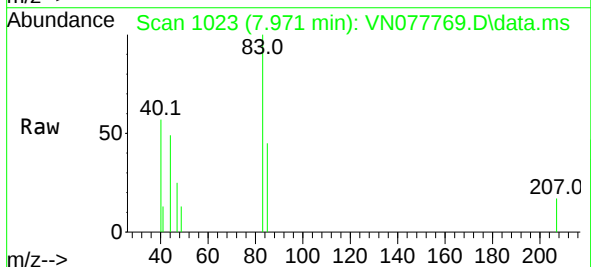
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

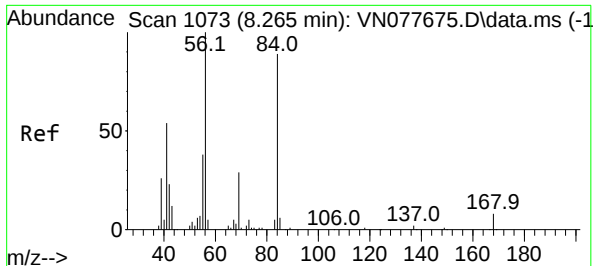
Tgt Ion: 43 Resp: 6078
Ion Ratio Lower Upper
43 100
72 35.8 30.2 45.2



#30
Chloroform
Concen: 0.323 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

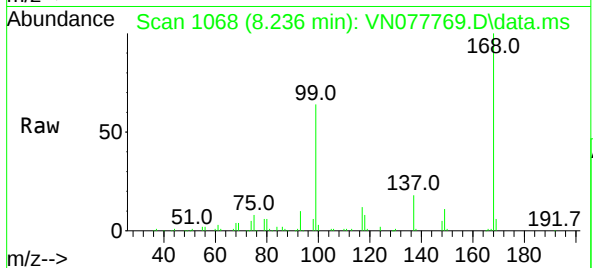
Tgt Ion: 83 Resp: 2856
Ion Ratio Lower Upper
83 100
85 45.4 55.4 83.0#



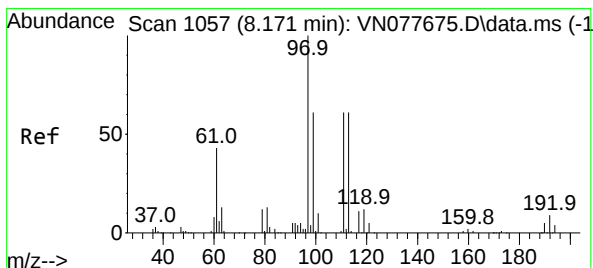
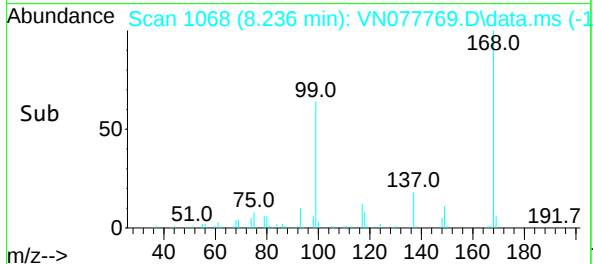
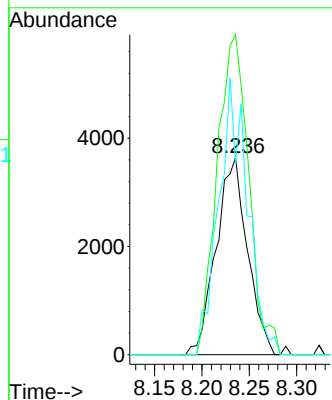


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

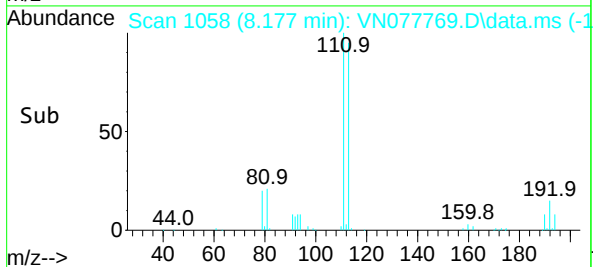
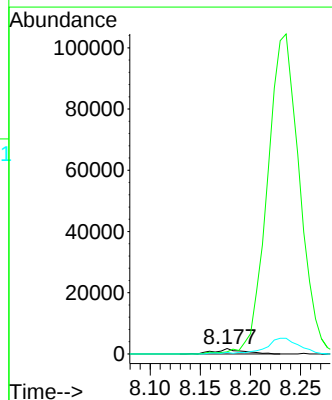
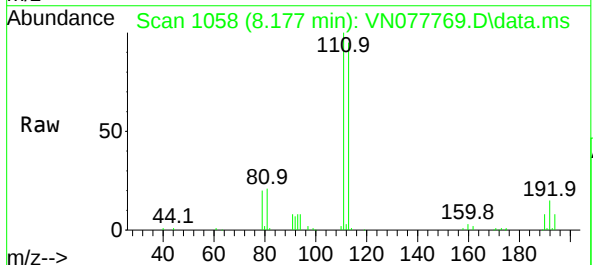


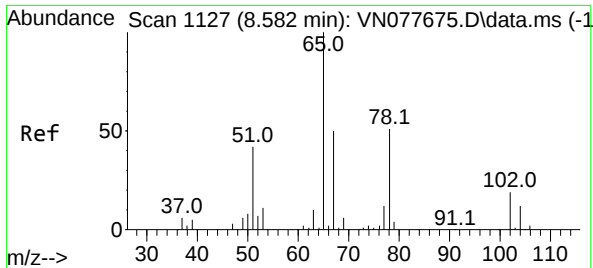
Tgt Ion: 56 Resp: 8378
Ion Ratio Lower Upper
56 100
69 162.3 26.8 40.2#
84 97.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 0.442 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

Tgt Ion: 97 Resp: 3328
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 16.6 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 45.387 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077769.D

Acq: 19 May 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

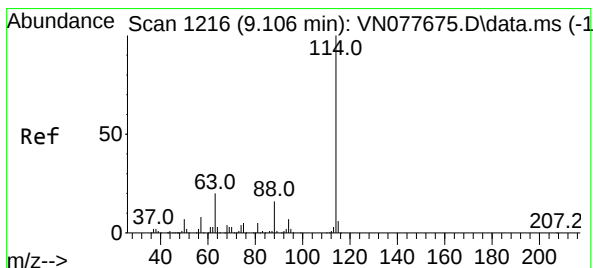
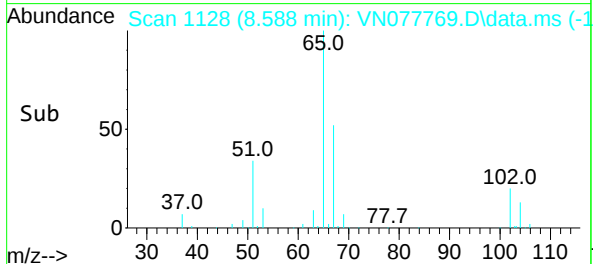
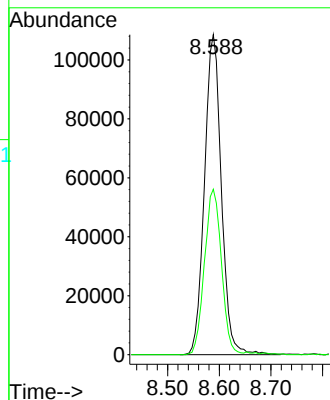
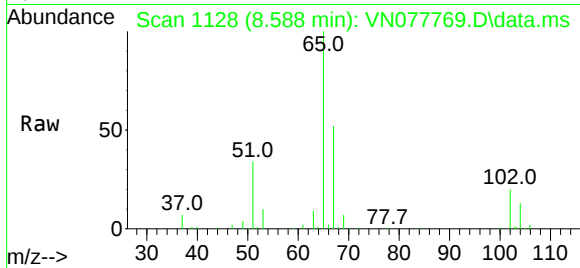
BP-VPB-RW11-GW-198-200

Tgt Ion: 65 Resp: 246213

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077769.D

Acq: 19 May 2023 17:11

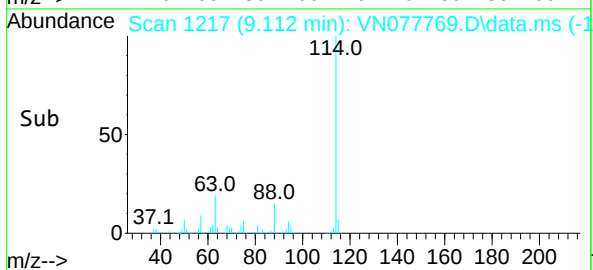
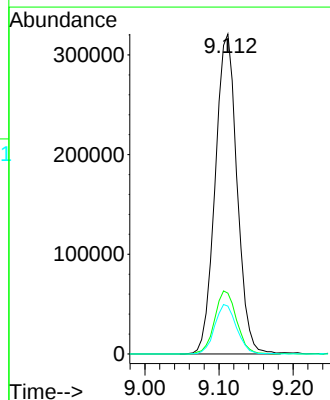
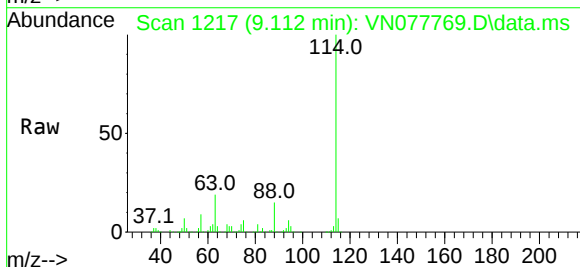
Tgt Ion: 114 Resp: 656825

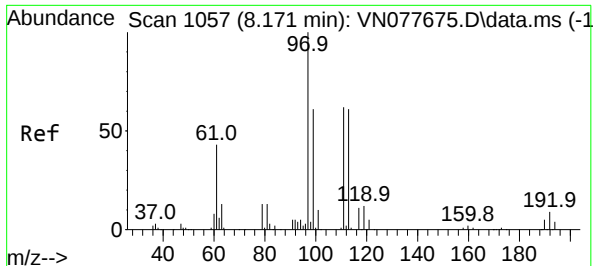
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 14.9 0.0 30.6

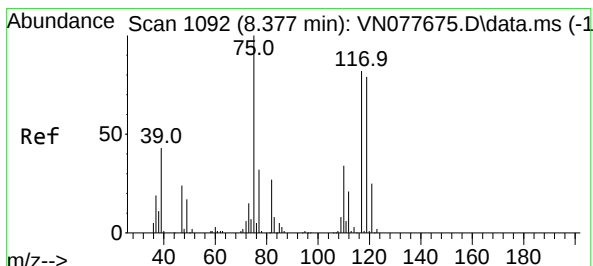
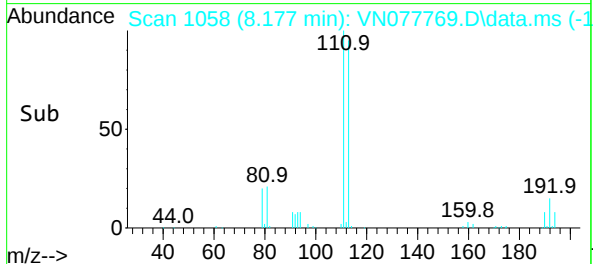
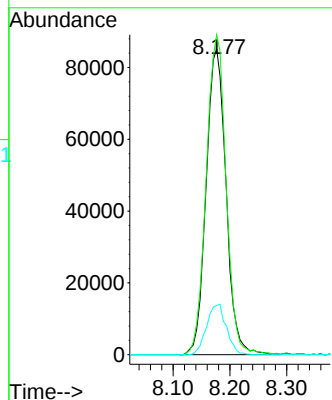
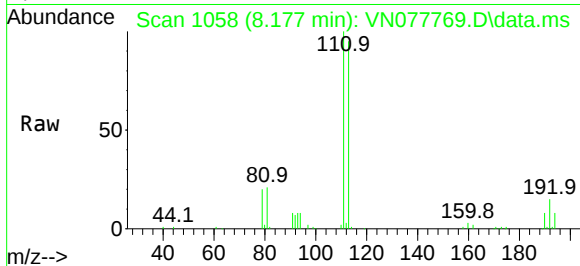




#35
Dibromofluoromethane
Concen: 48.407 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

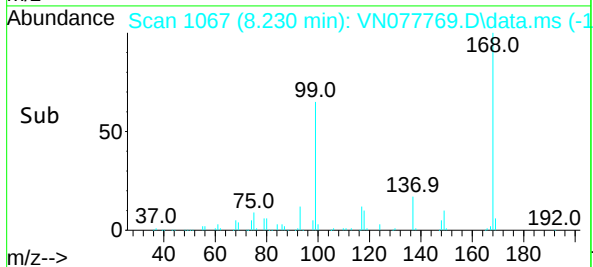
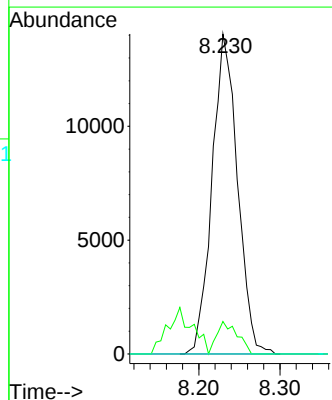
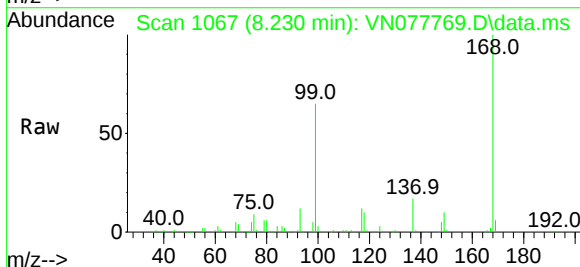
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

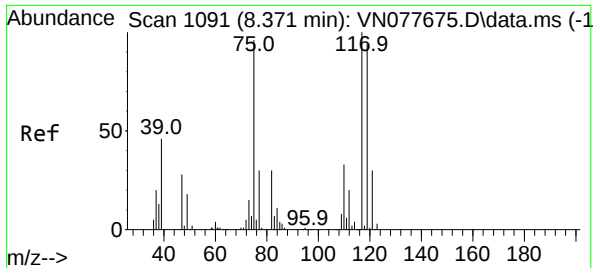
Tgt Ion:113 Resp: 207331
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 16.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

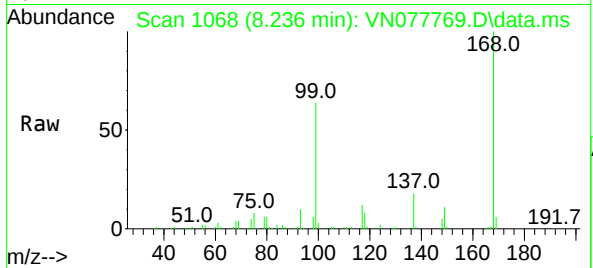
Tgt Ion: 75 Resp: 30574
Ion Ratio Lower Upper
75 100
110 8.2 19.1 57.3#
77 0.0 25.0 37.4#



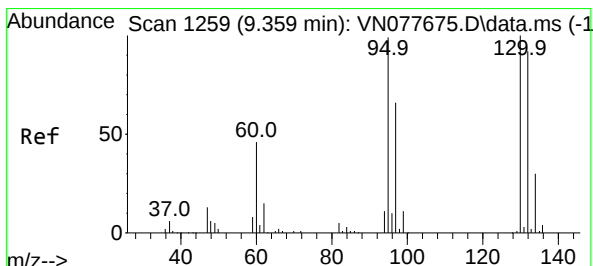
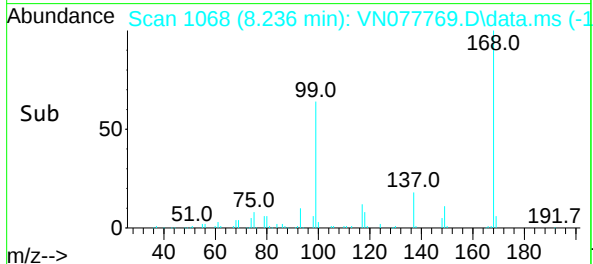
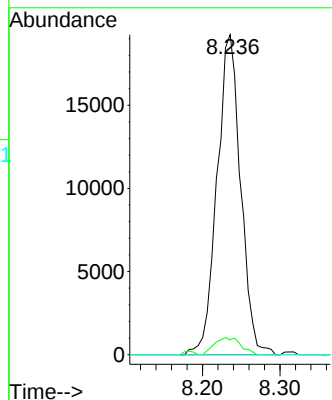


#38
Carbon Tetrachloride
Concen: 6.435 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-198-200

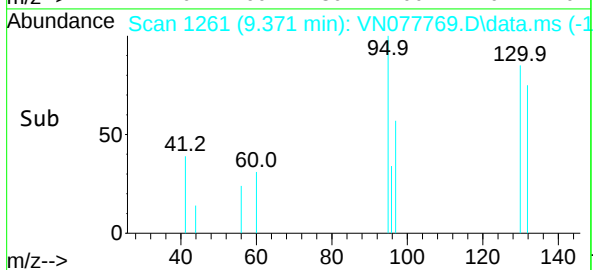
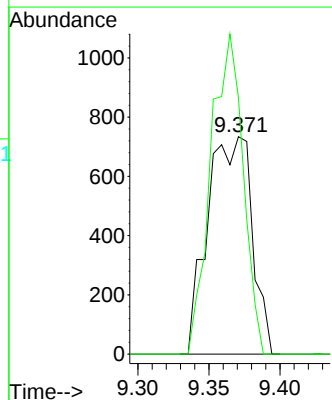
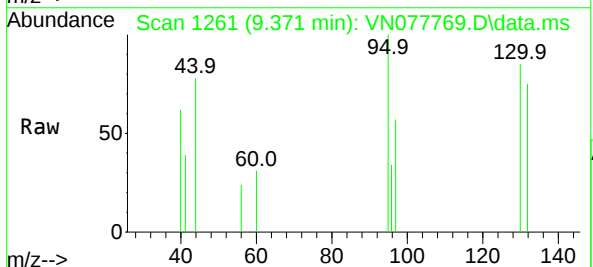


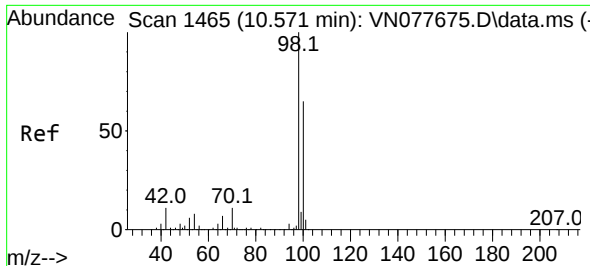
Tgt Ion:117 Resp: 40707
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 0.344 ug/l
RT: 9.371 min Scan# 1261
Delta R.T. 0.012 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

Tgt Ion:130 Resp: 1608
Ion Ratio Lower Upper
130 100
95 118.0 0.0 204.6

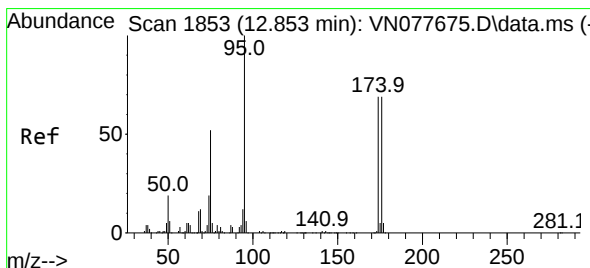
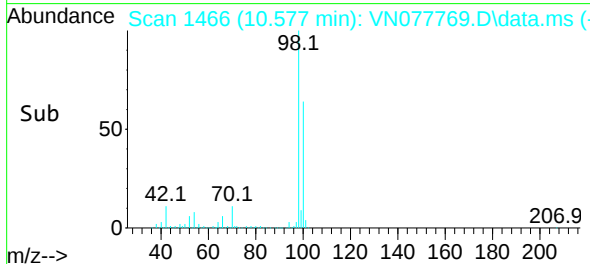
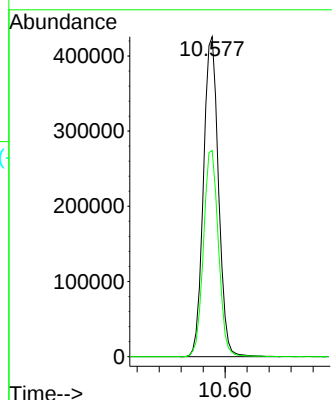
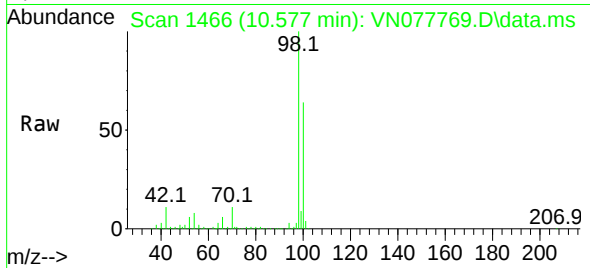




#50
Toluene-d8
Concen: 49.044 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

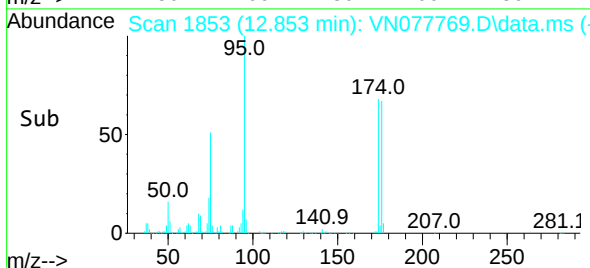
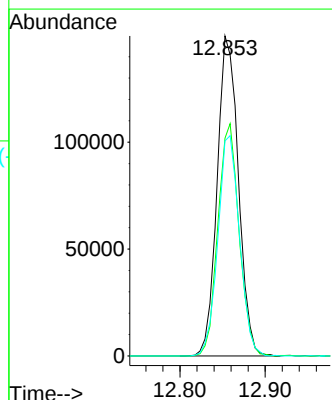
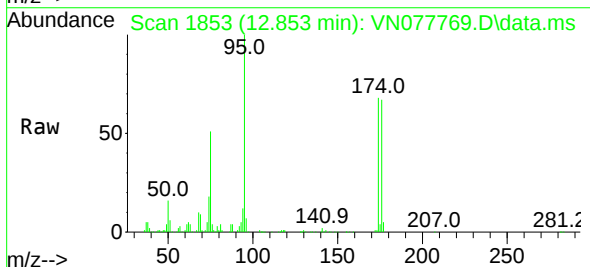
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

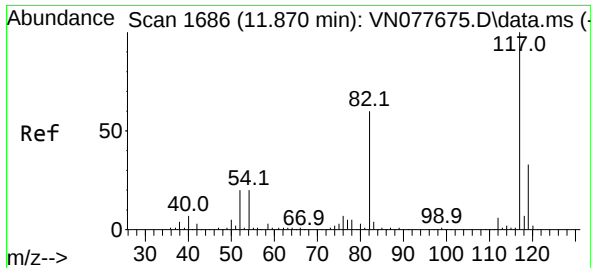
Tgt Ion: 98 Resp: 808532
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.593 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

Tgt Ion: 95 Resp: 259641
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.0 0.0 135.8

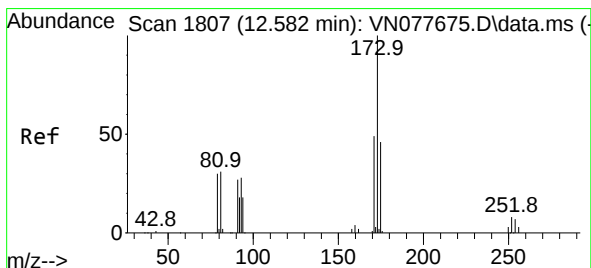
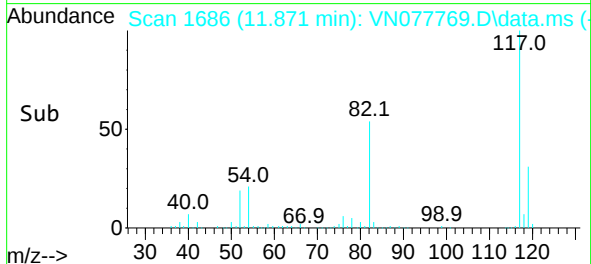
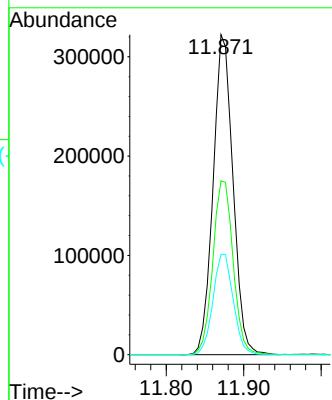
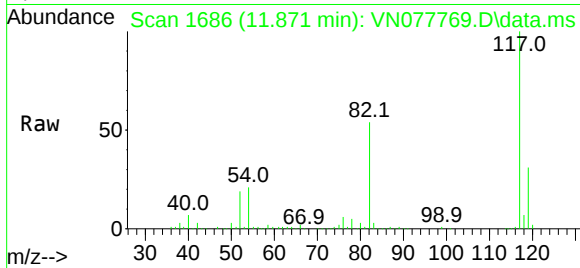




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

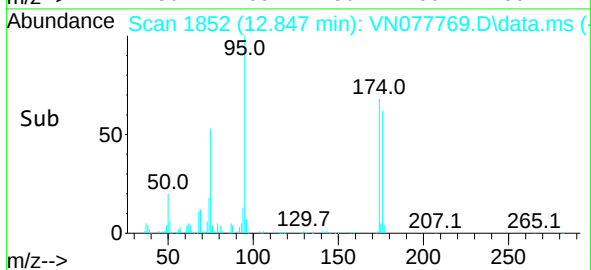
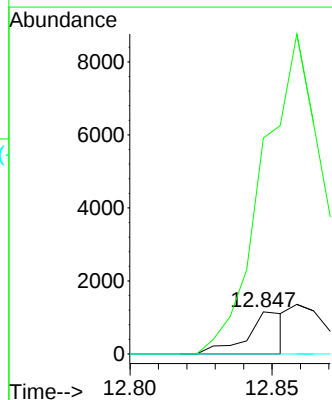
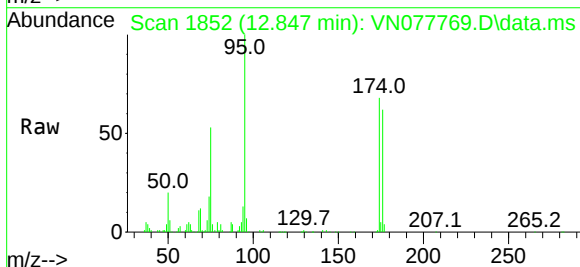
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200

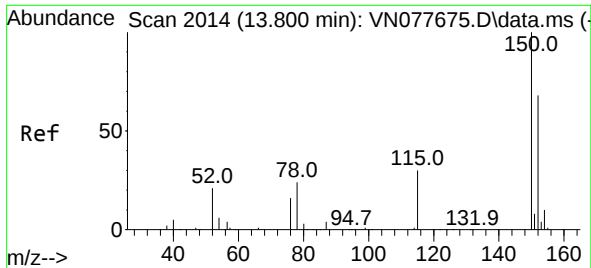
Tgt Ion:117 Resp: 574653
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 31.3 25.6 38.4



#71
Bromoform
Concen: 0.378 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

Tgt Ion:173 Resp: 1084
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

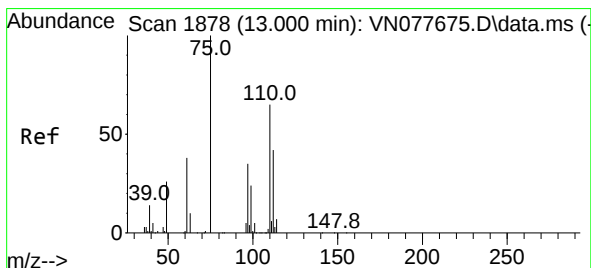
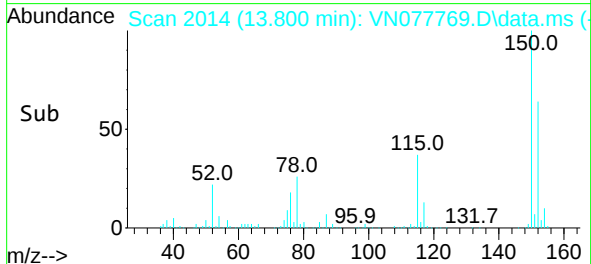
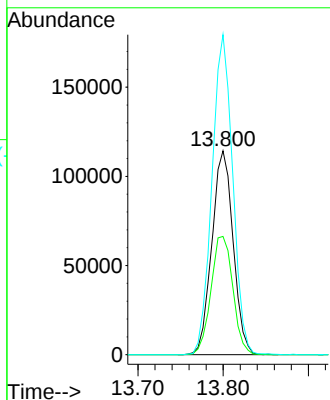
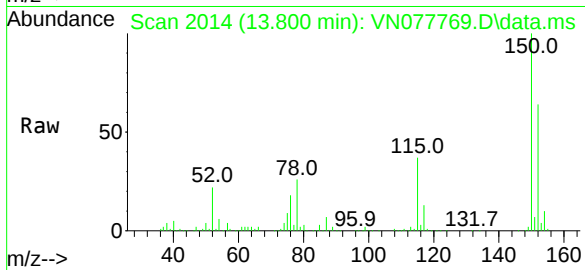




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077769.D
 Acq: 19 May 2023 17:11

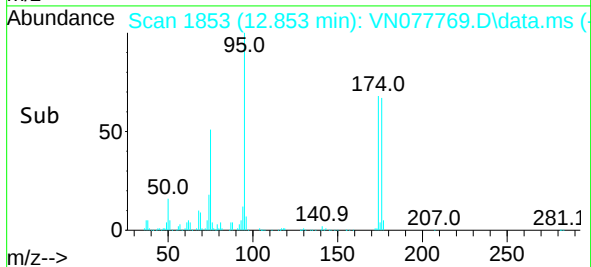
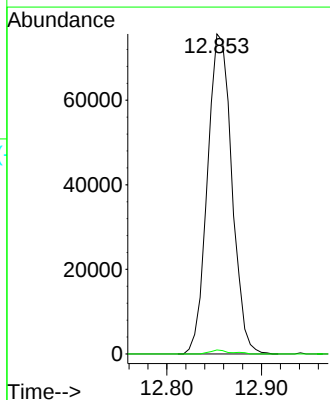
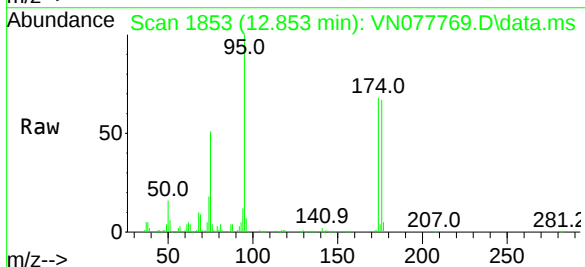
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-198-200

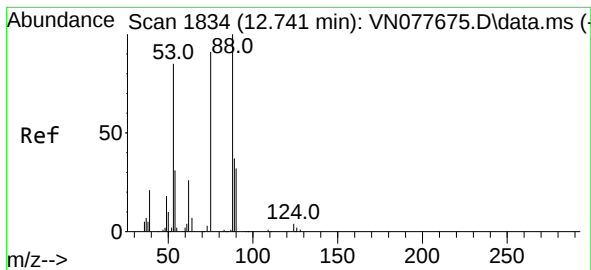
Tgt Ion:152 Resp: 198744
 Ion Ratio Lower Upper
 152 100
 115 59.7 32.3 96.8
 150 152.6 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 27.190 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN077769.D
 Acq: 19 May 2023 17:11

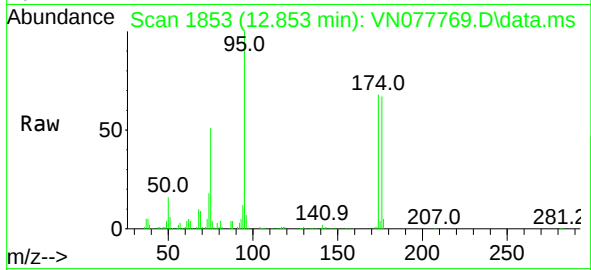
Tgt Ion: 75 Resp: 135334
 Ion Ratio Lower Upper
 75 100
 77 1.0 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.915 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN077769.D
Acq: 19 May 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-198-200



Tgt Ion: 75 Resp: 135334
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#

