

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077761.D
 Acq On : 19 May 2023 14:02
 Operator : JC\MD
 Sample : 02862-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-TB-2023

Quant Time: May 29 09:47:55 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	8.235	168	367612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	668324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	580058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	202458	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	249043	45.277	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.560%
35) Dibromofluoromethane	8.177	113	209215	48.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	10.576	98	825138	49.190	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.853	95	266110	44.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.840%

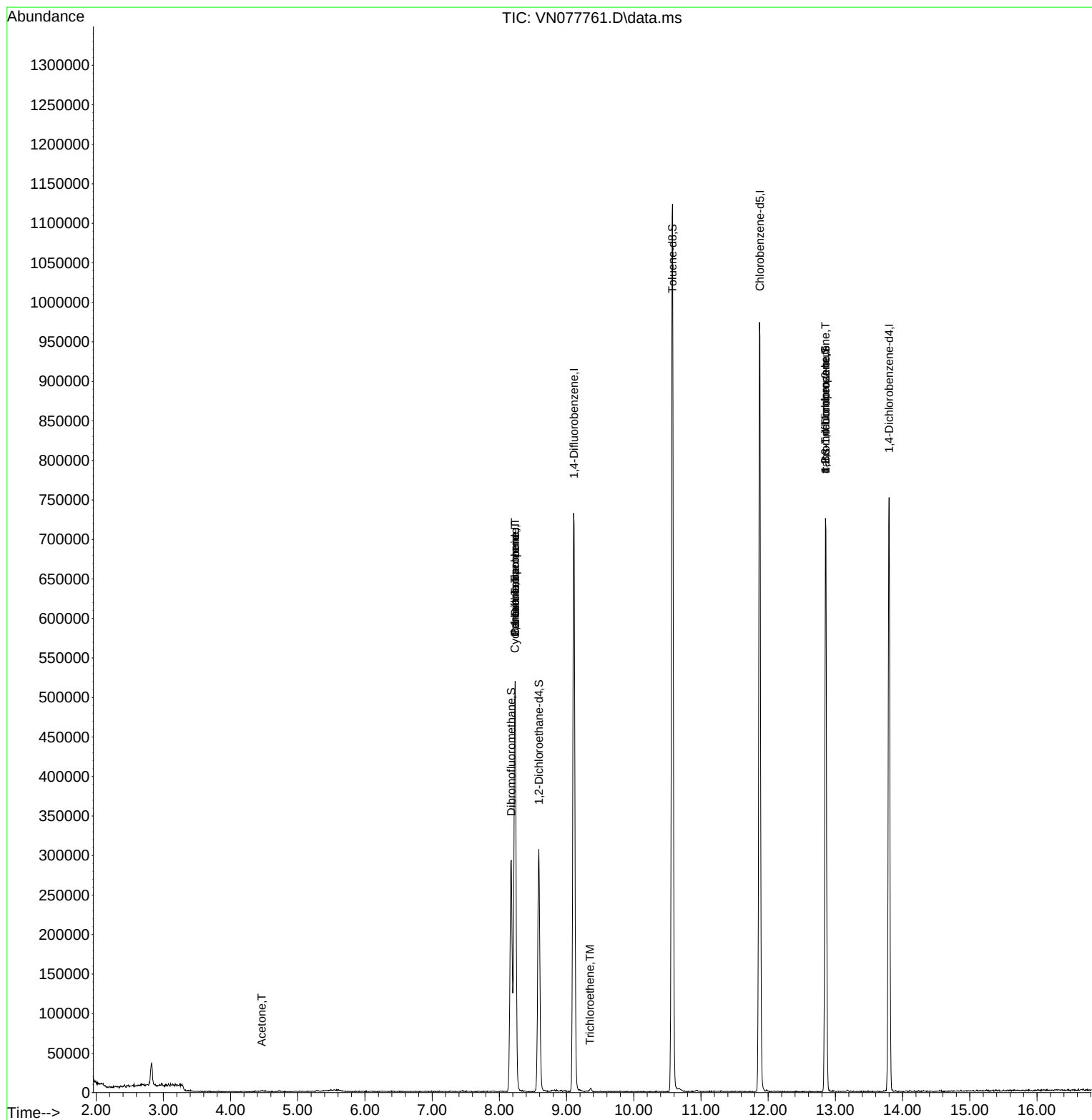
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.371	50	1266	Below Cal	#	86
13) Acrolein	4.212	56	225	Below Cal	#	49
16) Acetone	4.465	43	1507	0.871	ug/l #	40
20) Methylene Chloride	5.289	84	707	Below Cal	#	40
31) Cyclohexane	8.230	56	9343	1.250	ug/l #	45
36) 1,1-Dichloropropene	8.235	75	30554	4.793	ug/l #	49
38) Carbon Tetrachloride	8.235	117	41321	6.420	ug/l #	15
44) Trichloroethene	9.347	130	1773	0.372	ug/l	43
76) 1,2,3-Trichloropropane	12.853	75	141957	27.998	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	141957	89.496	ug/l #	15

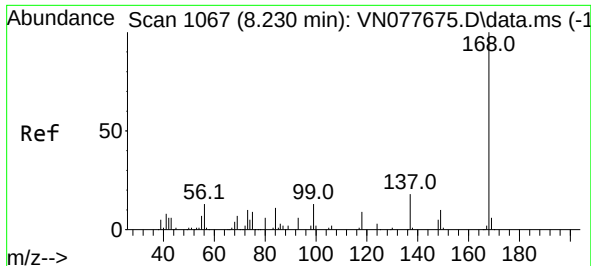
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

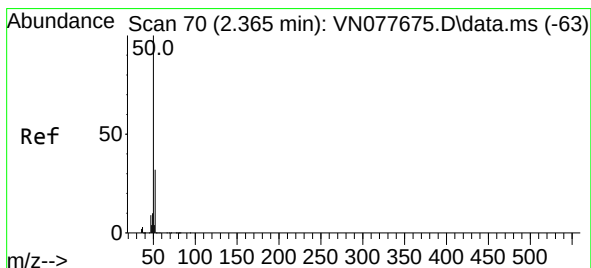
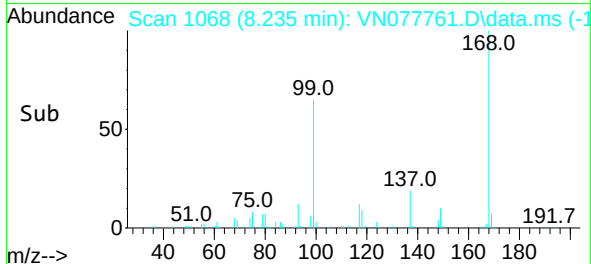
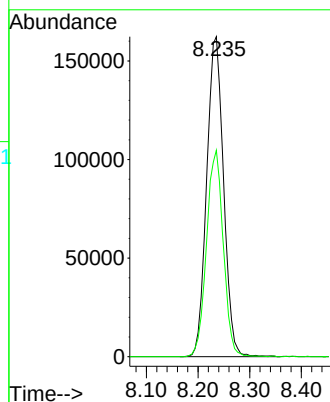
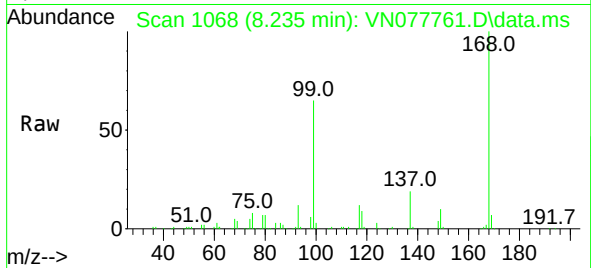




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

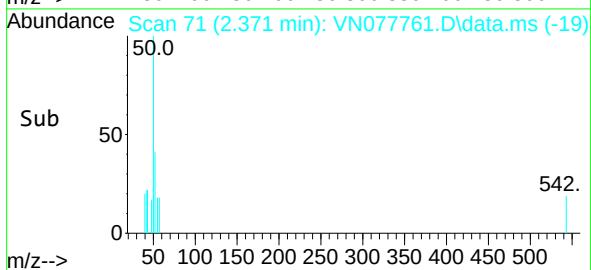
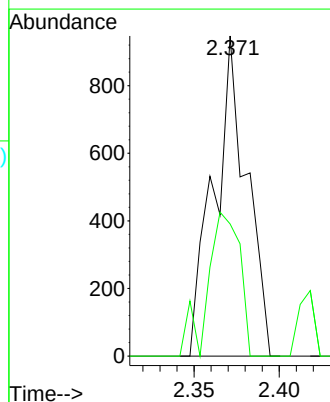
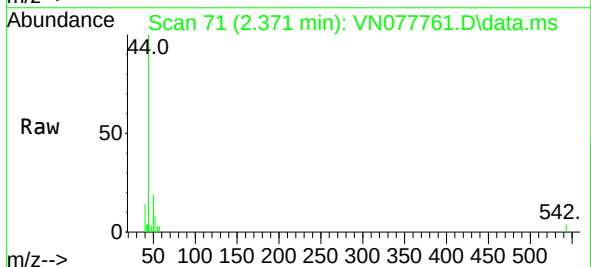
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-TB-2023

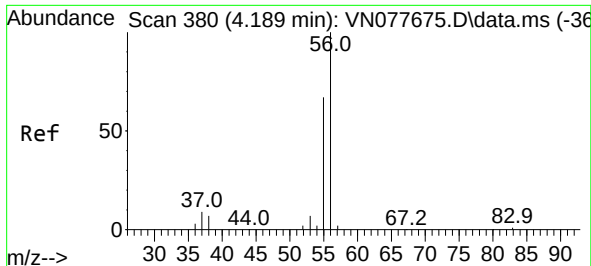
Tgt Ion:168 Resp: 367612
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

Tgt Ion: 50 Resp: 1266
Ion Ratio Lower Upper
50 100
52 41.3 26.5 39.7#

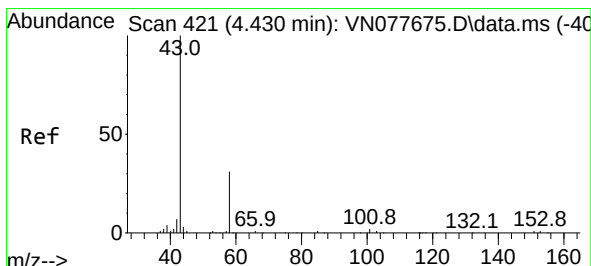
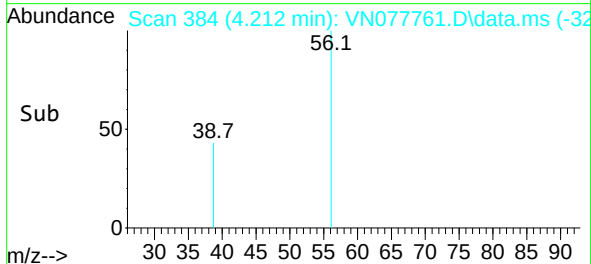
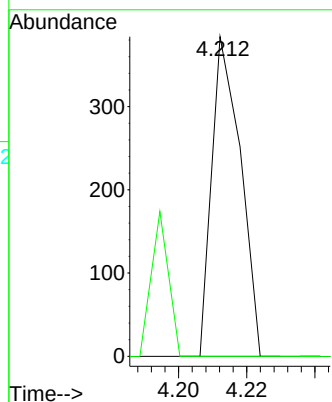
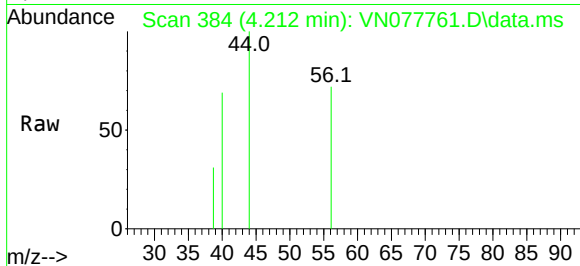




#13
Acrolein
Concen: Below Cal
RT: 4.212 min Scan# 384
Delta R.T. 0.023 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

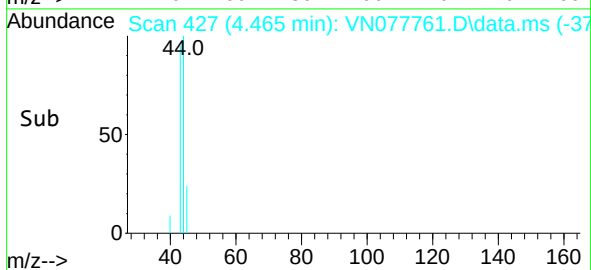
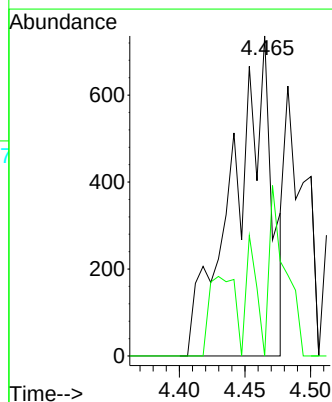
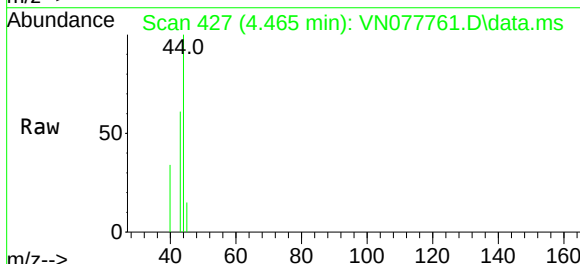
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-TB-2023

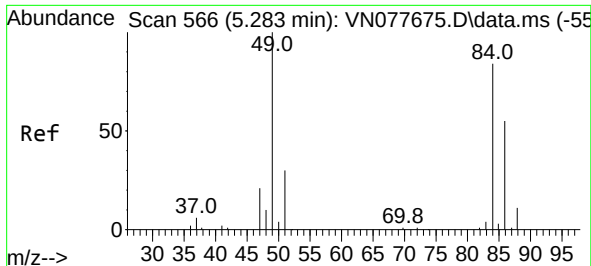
Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 27.1 54.5 81.7#



#16
Acetone
Concen: 0.871 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.035 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

Tgt Ion: 43 Resp: 1507
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

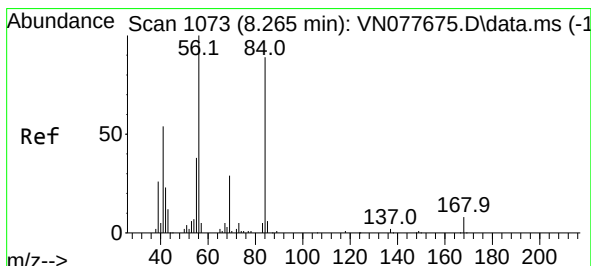
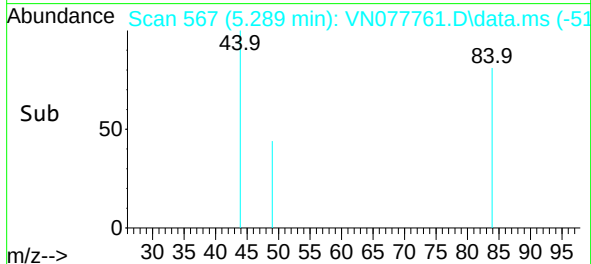
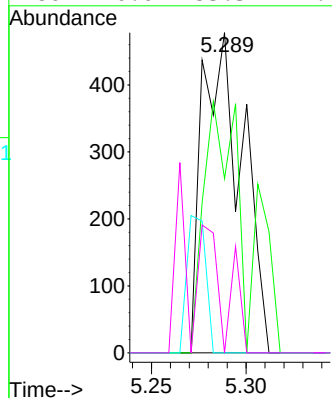
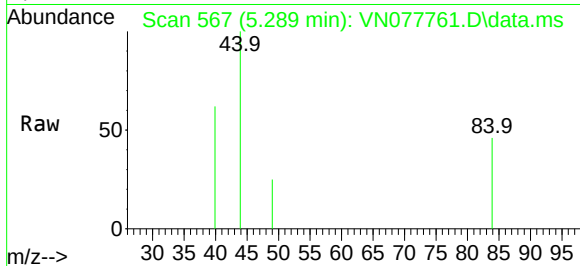




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

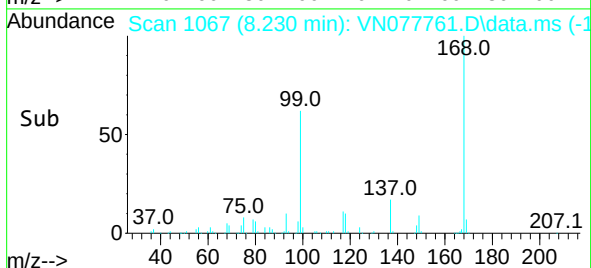
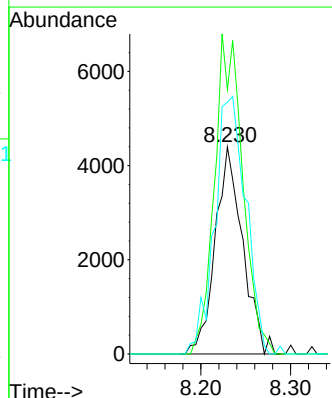
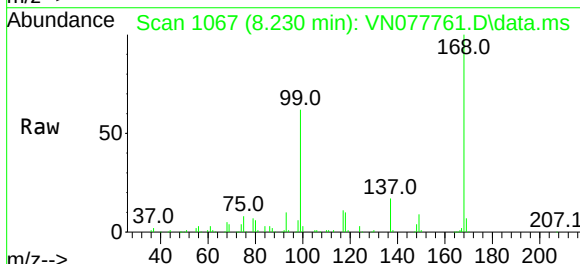
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-TB-2023

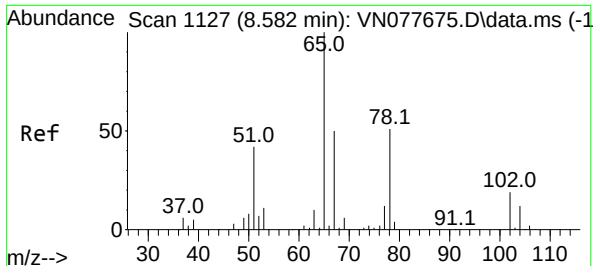
Tgt Ion:	84	Resp:	707
Ion	Ratio	Lower	Upper
84	100		
49	54.4	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#



#31
Cyclohexane
Concen: 1.250 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

Tgt Ion:	56	Resp:	9343
Ion	Ratio	Lower	Upper
56	100		
69	127.6	26.8	40.2#
84	121.6	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 45.277 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077761.D

Acq: 19 May 2023 14:02

Instrument :

MSVOA_N

ClientSampleId :

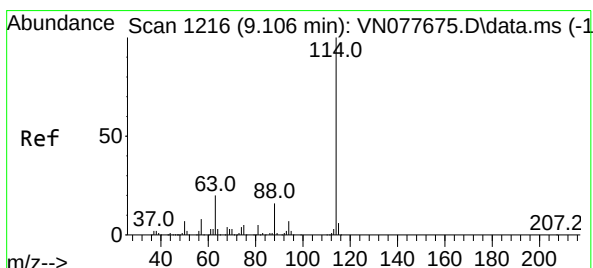
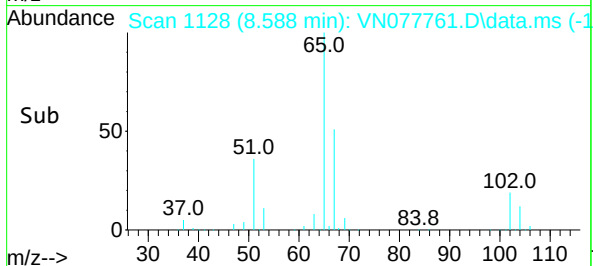
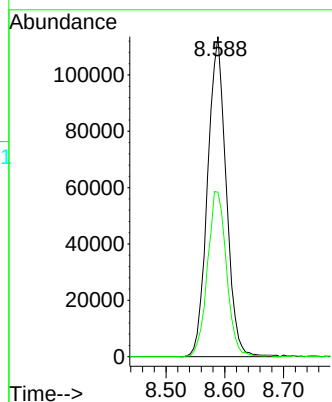
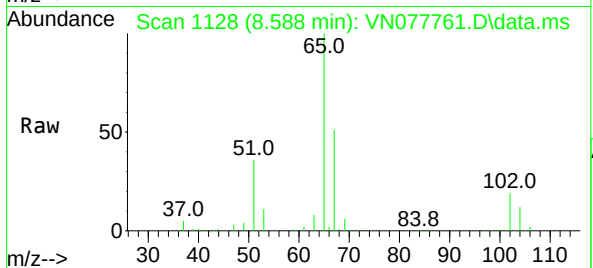
BP-VPB-RW11-TB-2023

Tgt Ion: 65 Resp: 249043

Ion Ratio Lower Upper

65 100

67 52.9 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: VN077761.D

Acq: 19 May 2023 14:02

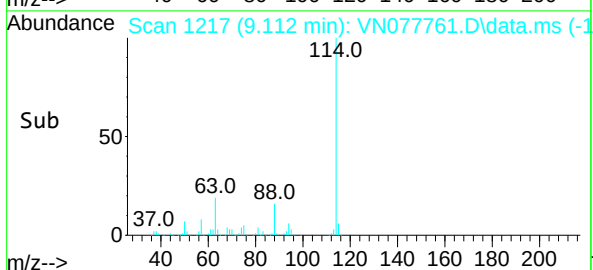
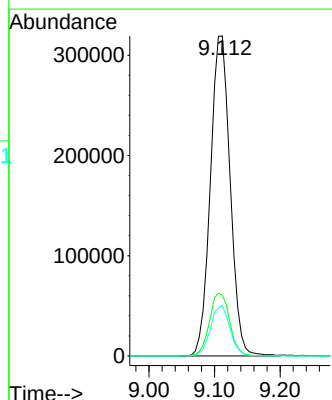
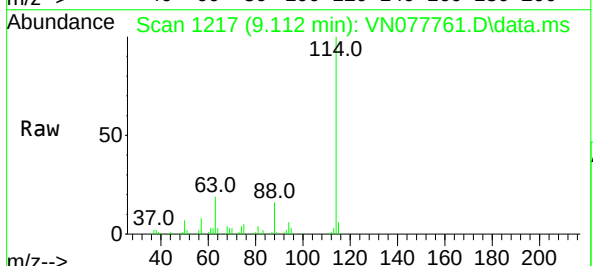
Tgt Ion: 114 Resp: 668324

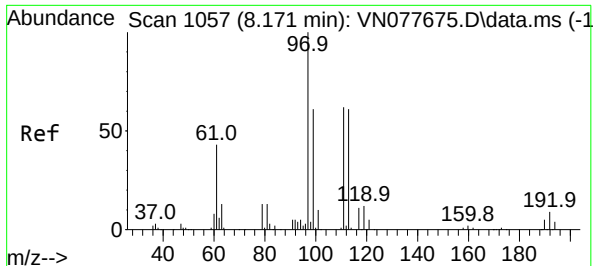
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.006 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077761.D

Acq: 19 May 2023 14:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-TB-2023

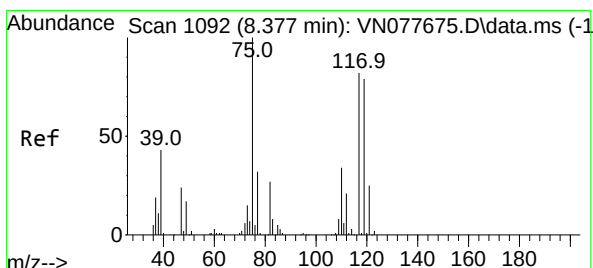
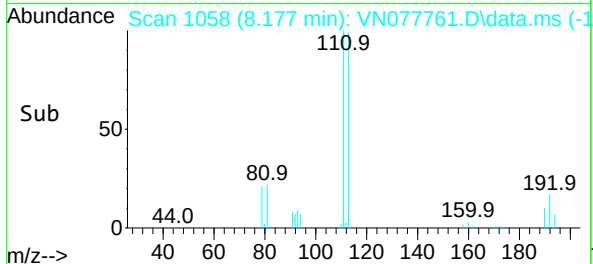
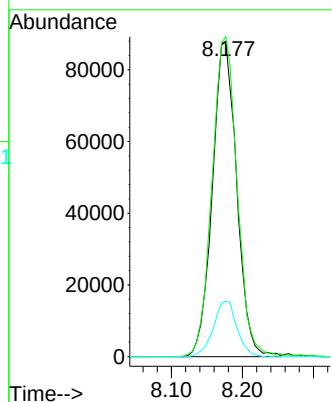
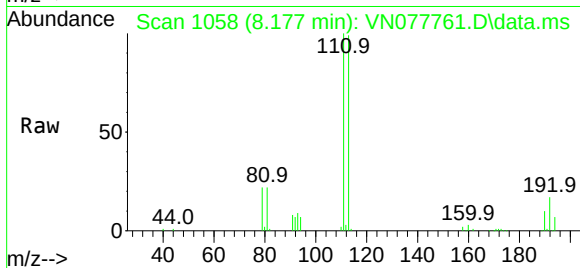
Tgt Ion:113 Resp: 209215

Ion Ratio Lower Upper

113 100

111 104.8 82.6 123.8

192 17.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.793 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

Lab File: VN077761.D

Acq: 19 May 2023 14:02

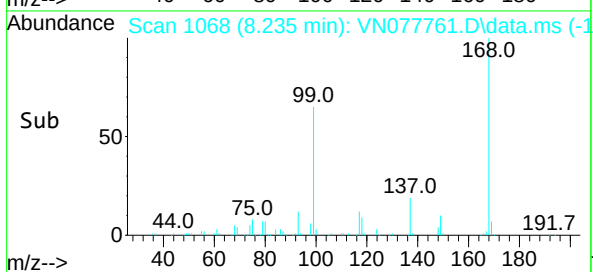
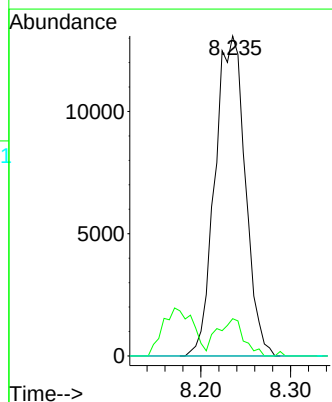
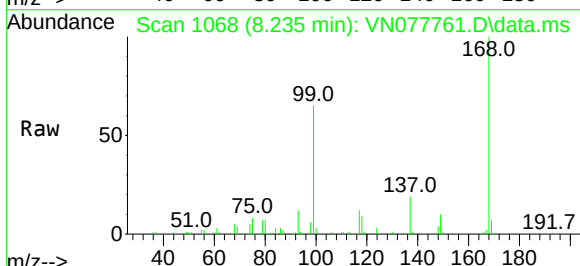
Tgt Ion: 75 Resp: 30554

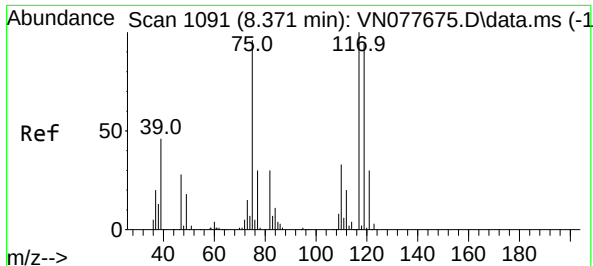
Ion Ratio Lower Upper

75 100

110 10.2 19.1 57.3#

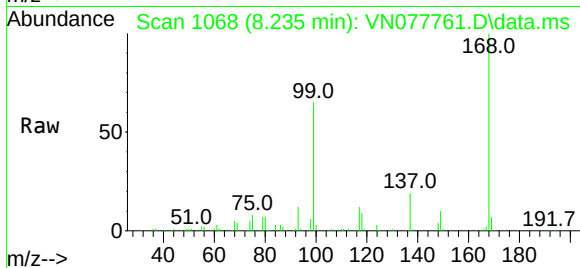
77 0.0 25.0 37.4#



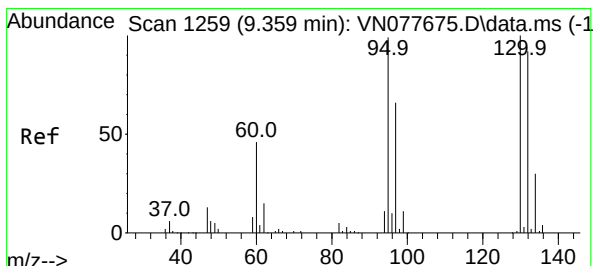
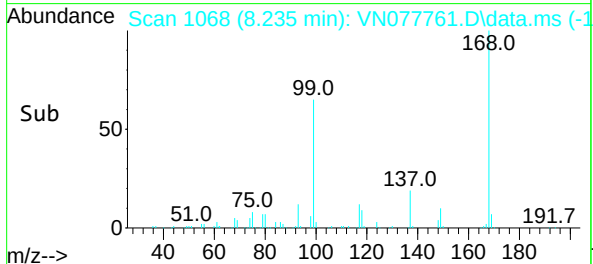
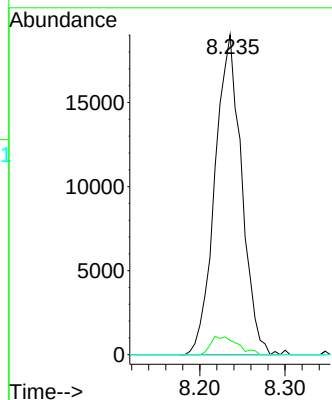


#38
Carbon Tetrachloride
Concen: 6.420 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-TB-2023

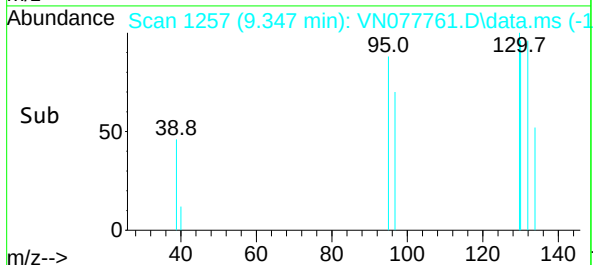
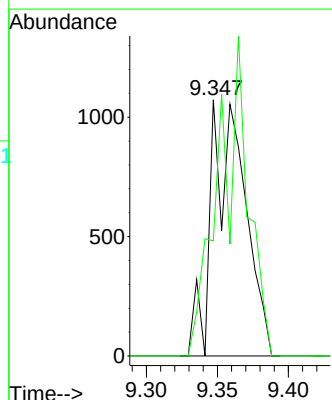
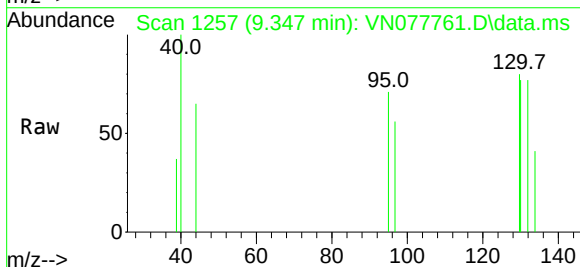


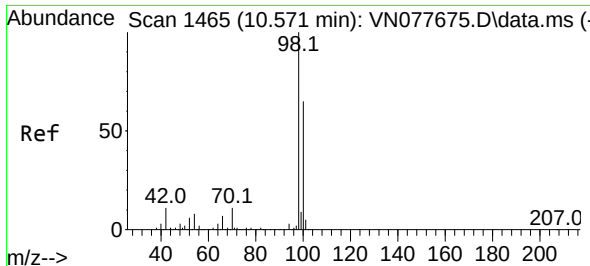
Tgt Ion:117 Resp: 41321
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 0.372 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.012 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

Tgt Ion:130 Resp: 1773
Ion Ratio Lower Upper
130 100
95 44.9 0.0 204.6

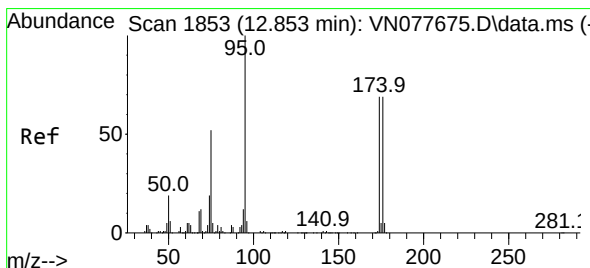
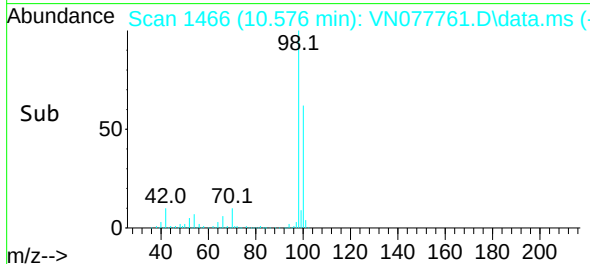
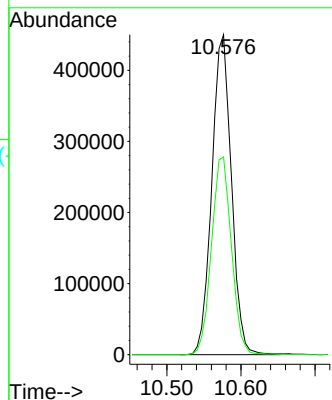
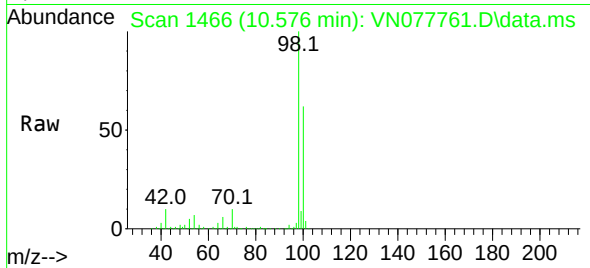




#50
Toluene-d8
Concen: 49.190 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

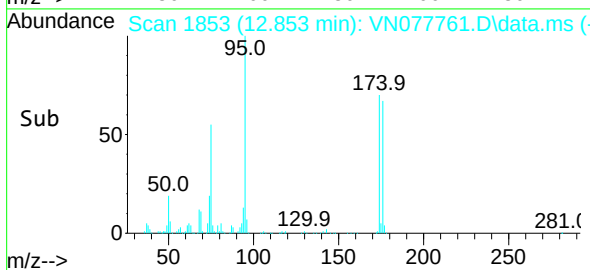
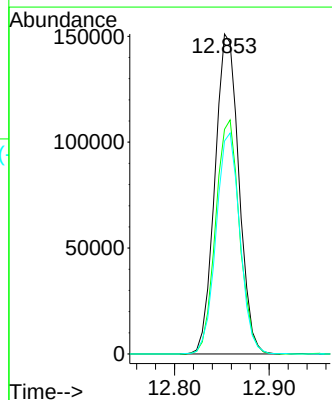
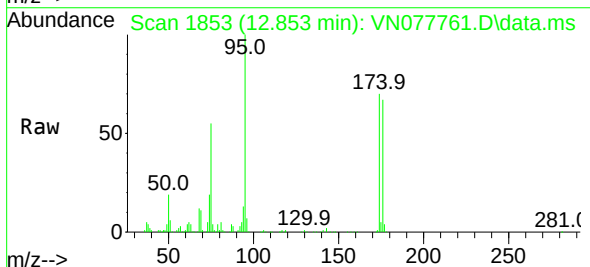
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-TB-2023

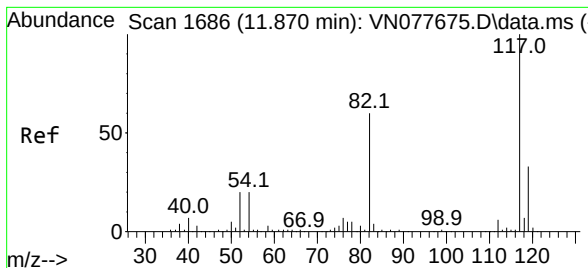
Tgt Ion: 98 Resp: 825138
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.917 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

Tgt Ion: 95 Resp: 266110
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 68.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.876 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077761.D

Acq: 19 May 2023 14:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-TB-2023

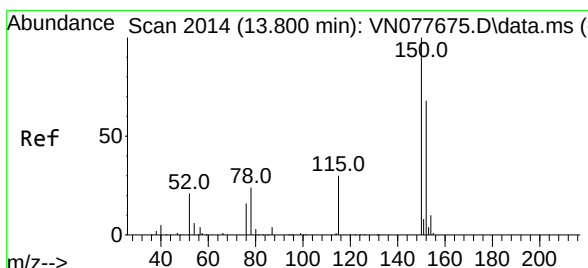
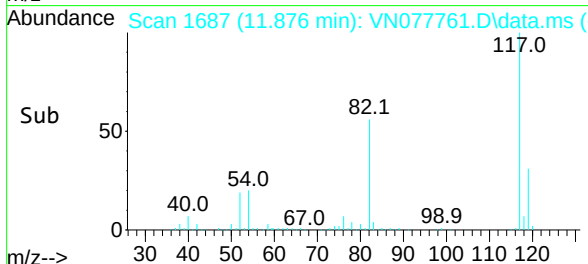
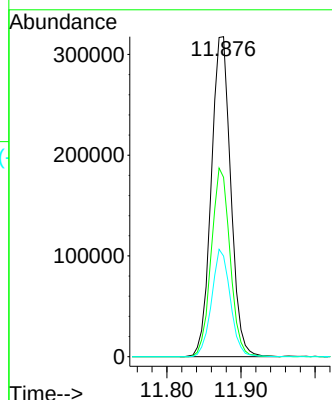
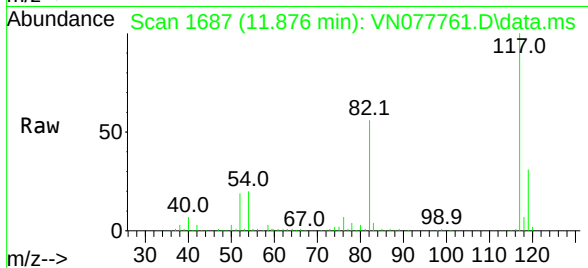
Tgt Ion:117 Resp: 580058

Ion Ratio Lower Upper

117 100

82 56.1 44.0 66.0

119 31.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077761.D

Acq: 19 May 2023 14:02

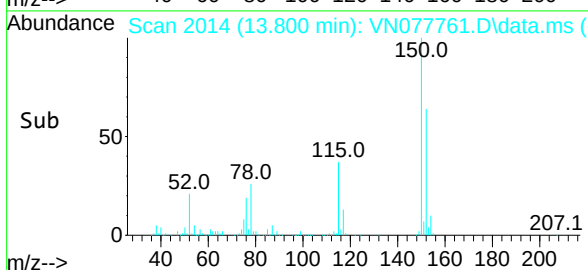
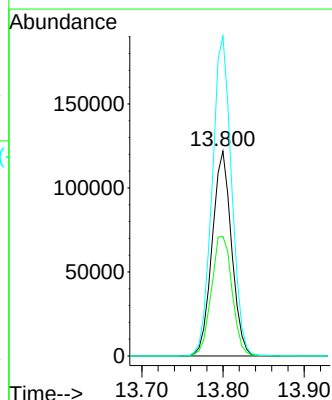
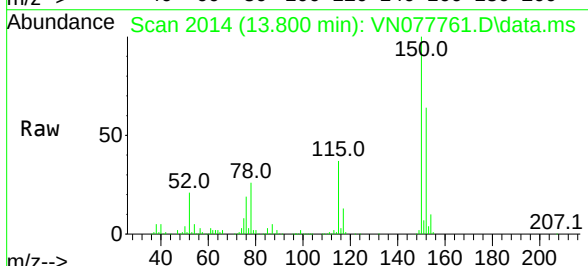
Tgt Ion:152 Resp: 202458

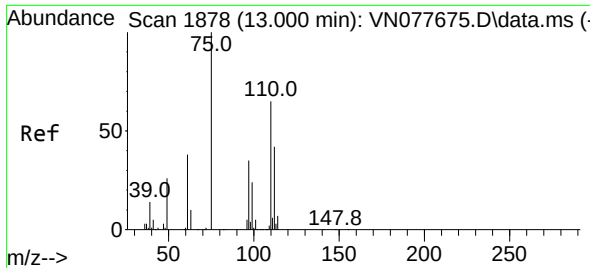
Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 156.1 0.0 355.8

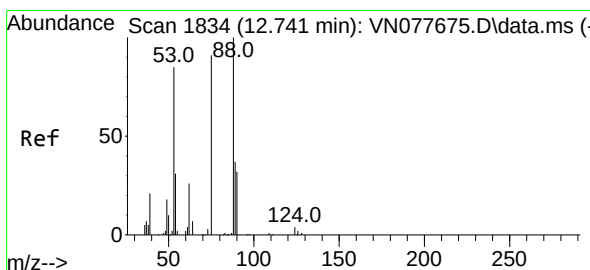
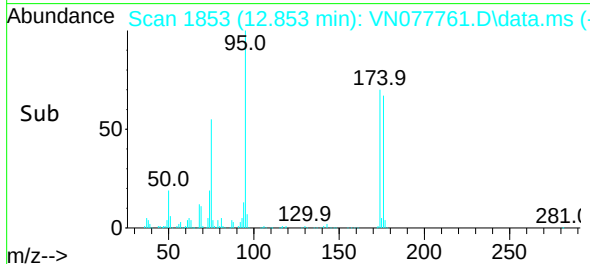
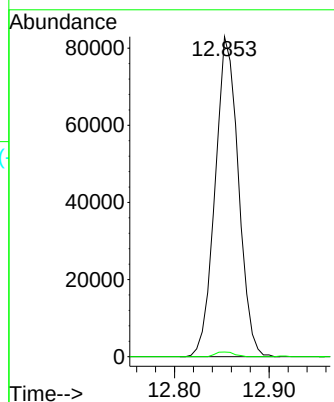
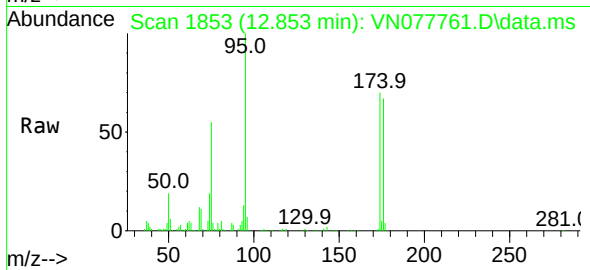




#76
1,2,3-Trichloropropane
Concen: 27.998 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-TB-2023

Tgt Ion: 75 Resp: 141957
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.496 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077761.D
Acq: 19 May 2023 14:02

Tgt Ion: 75 Resp: 141957
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

