

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077746.D
 Acq On : 18 May 2023 19:04
 Operator : JC\MD
 Sample : 02834-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20230516

Quant Time: May 29 08:54:36 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)

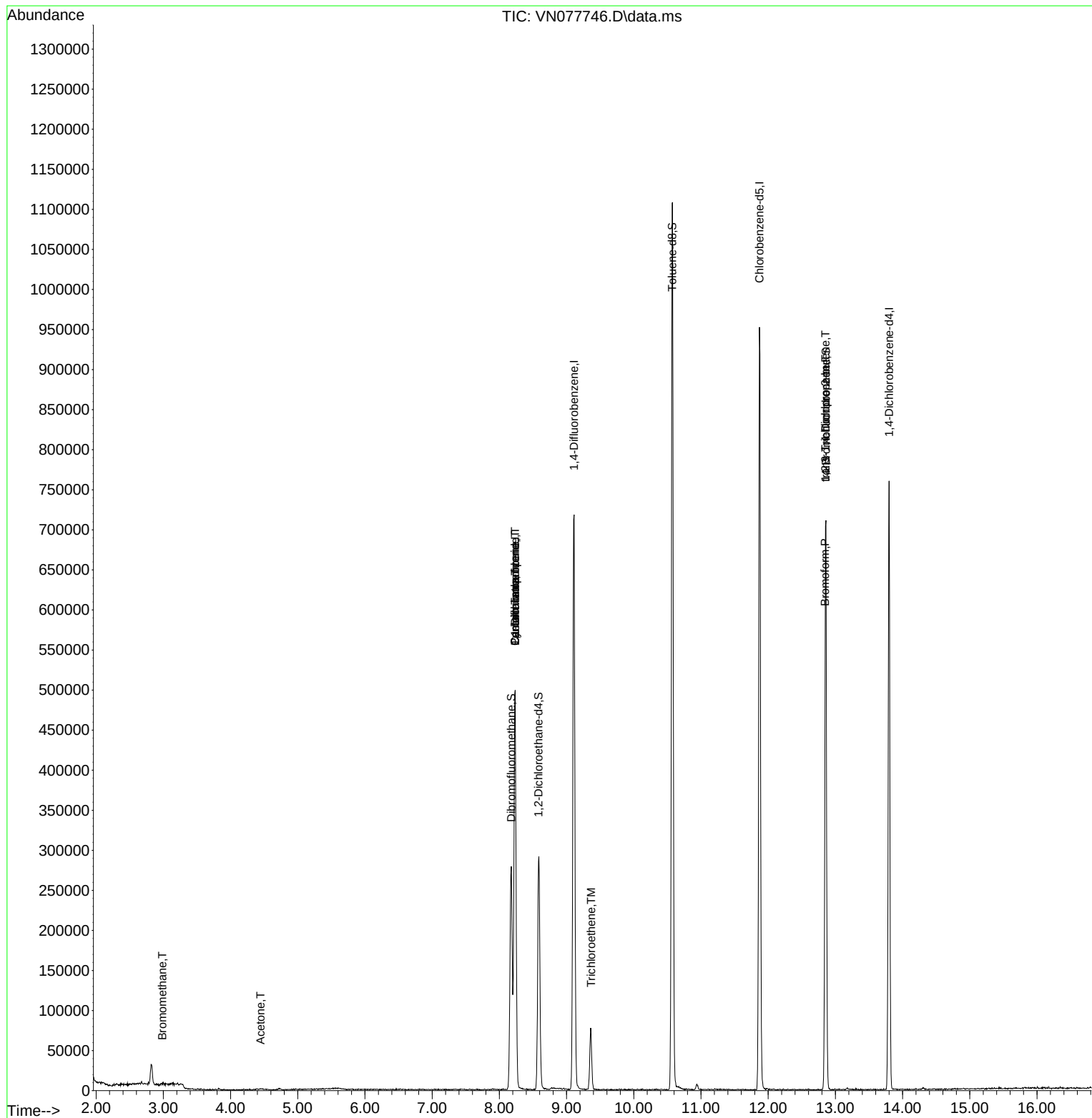
Internal Standards						
1) Pentafluorobenzene	8.235	168	357657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	643555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	574437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	244126	45.619	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.240%
35) Dibromofluoromethane	8.177	113	203447	48.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	10.571	98	801454	49.617	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.859	95	264018	46.280	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1067	Below Cal		93
5) Bromomethane	2.983	94	1121	0.295 ug/l #		58
13) Acrolein	4.200	56	435	Below Cal #		79
16) Acetone	4.447	43	1194	0.709 ug/l #		40
20) Methylene Chloride	5.283	84	60	Below Cal #		59
31) Cyclohexane	8.235	56	7203	0.990 ug/l #		1
36) 1,1-Dichloropropene	8.235	75	30293	4.935 ug/l #		47
38) Carbon Tetrachloride	8.235	117	38442	6.202 ug/l #		15
44) Trichloroethene	9.365	130	26728	5.828 ug/l		93
71) Bromoform	12.847	173	991	0.346 ug/l #		1
76) 1,2,3-Trichloropropane	12.853	75	138236	27.906 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	138236	89.201 ug/l #		15

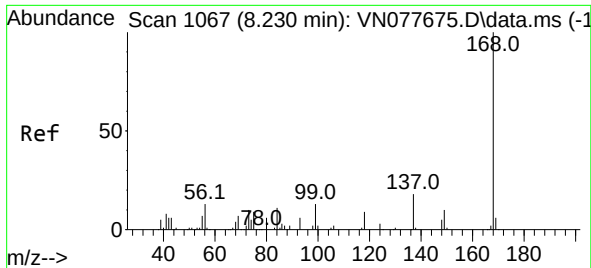
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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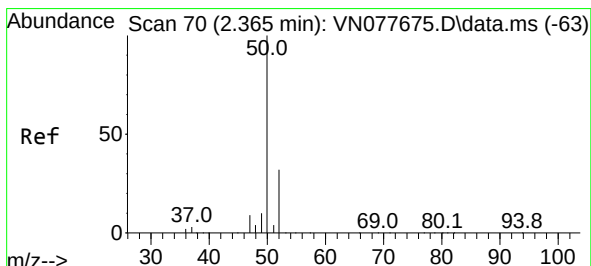
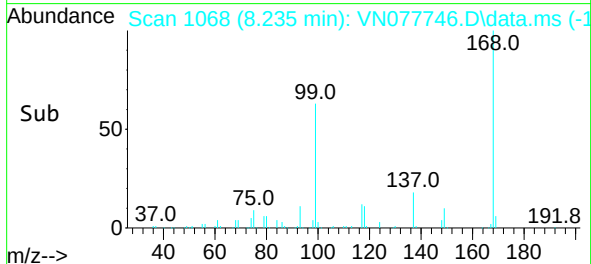
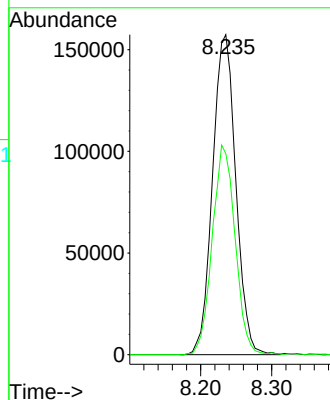
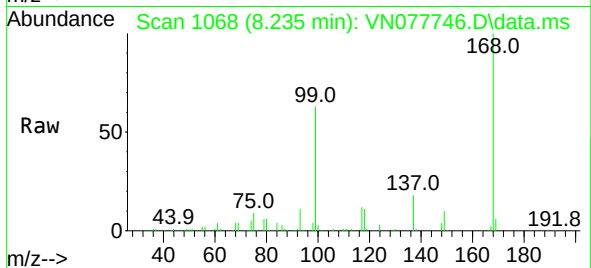




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

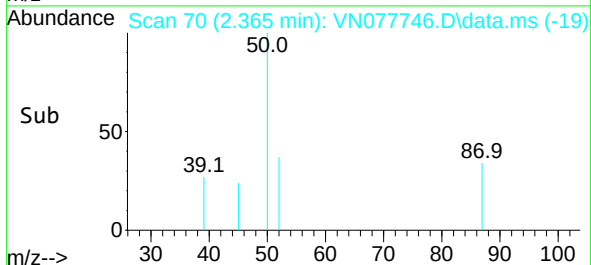
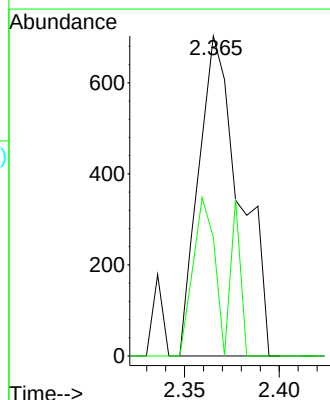
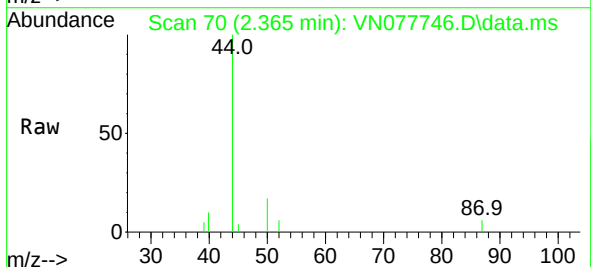
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

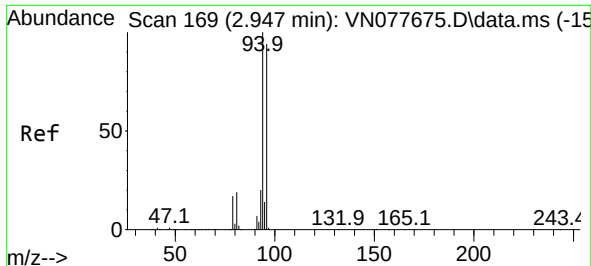
Tgt Ion:168 Resp: 357657
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Tgt Ion: 50 Resp: 1067
Ion Ratio Lower Upper
50 100
52 37.1 26.5 39.7

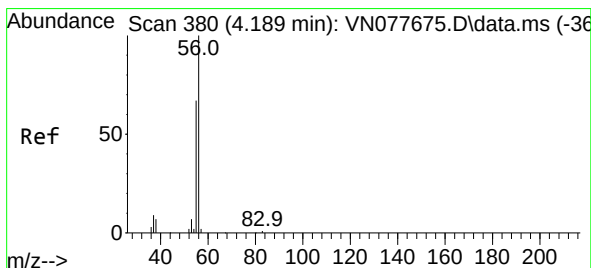
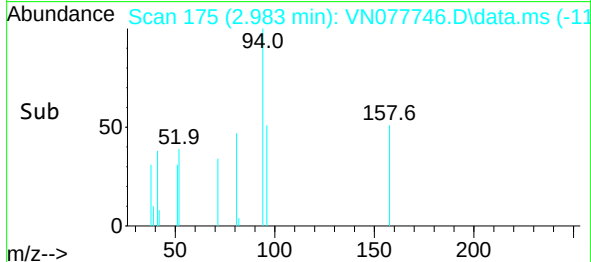
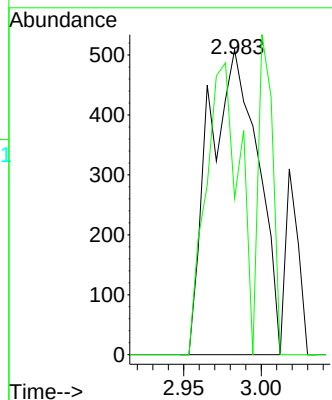
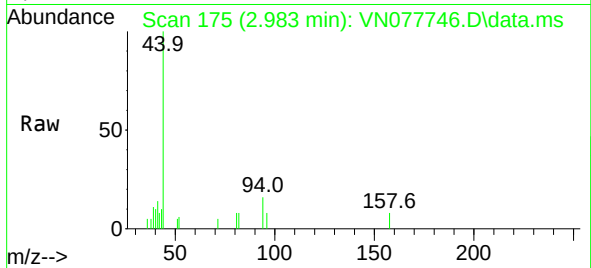




#5
Bromomethane
Concen: 0.295 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.036 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

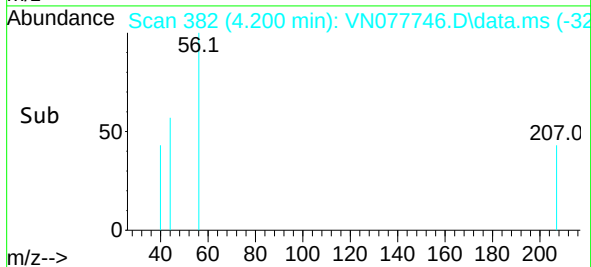
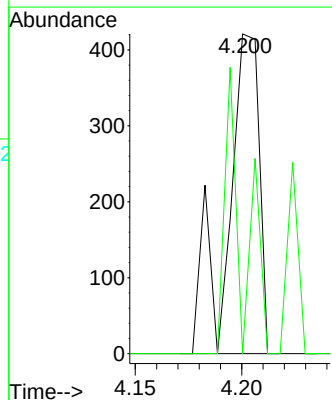
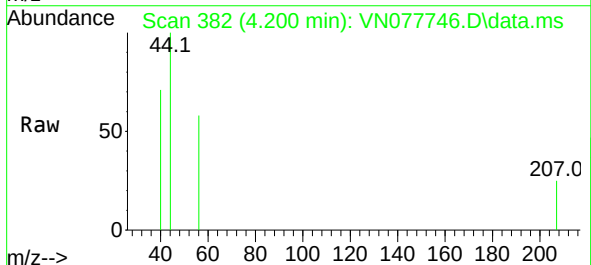
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

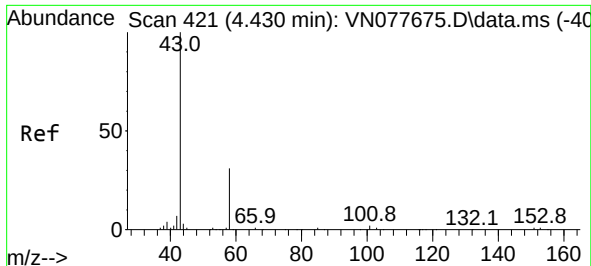
Tgt Ion: 94 Resp: 1121
Ion Ratio Lower Upper
94 100
96 51.3 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Tgt Ion: 56 Resp: 435
Ion Ratio Lower Upper
56 100
55 51.5 54.5 81.7#

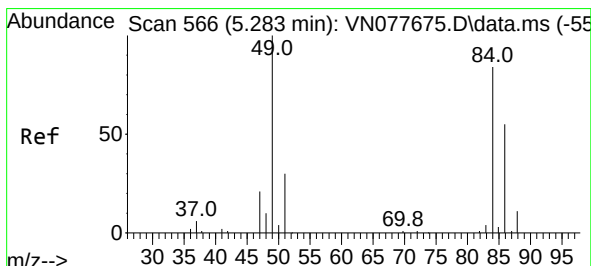
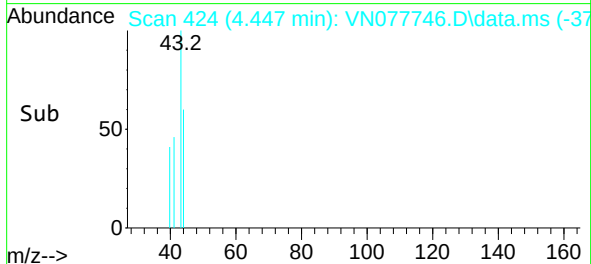
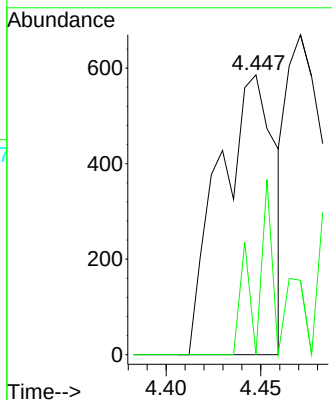
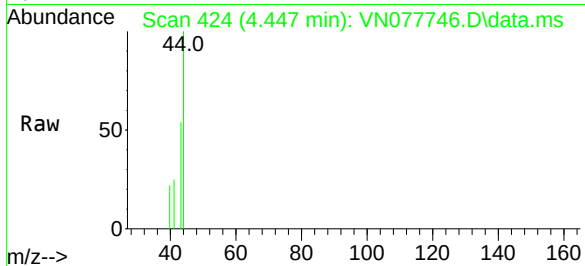




#16
Acetone
Concen: 0.709 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

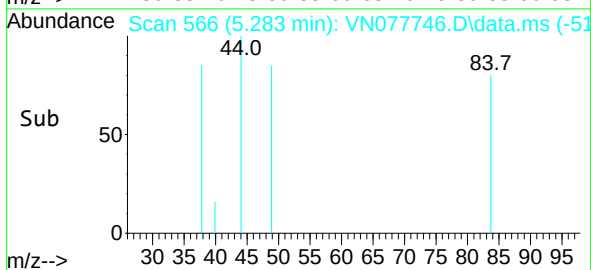
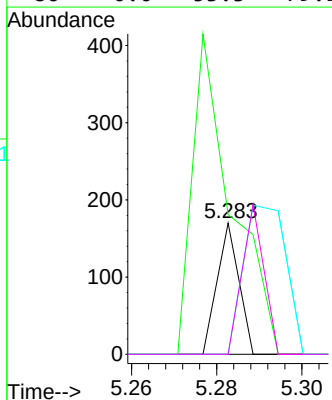
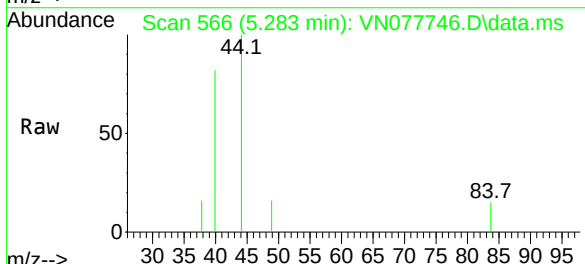
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

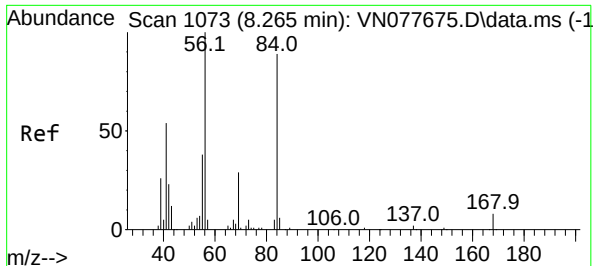
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

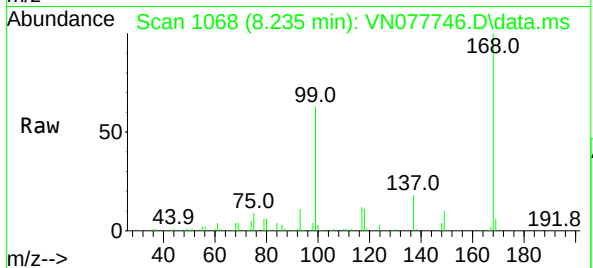
Tgt Ion: 84 Resp: 60
Ion Ratio Lower Upper
84 100
49 106.5 79.7 119.5
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



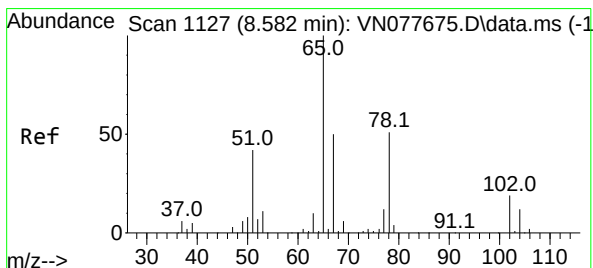
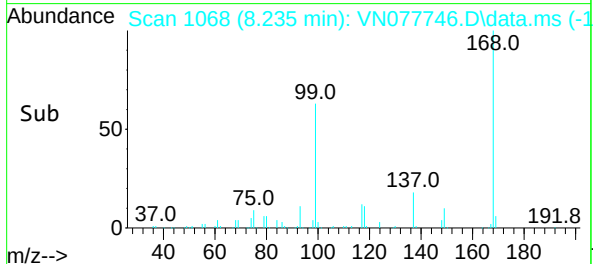
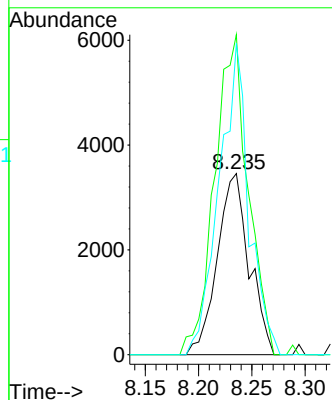


#31
Cyclohexane
Concen: 0.990 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

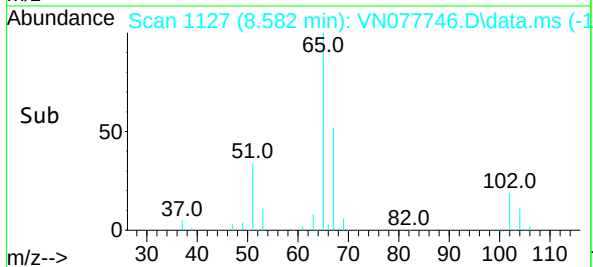
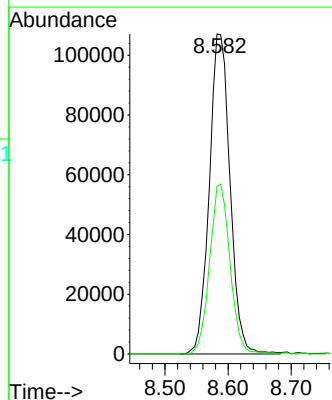
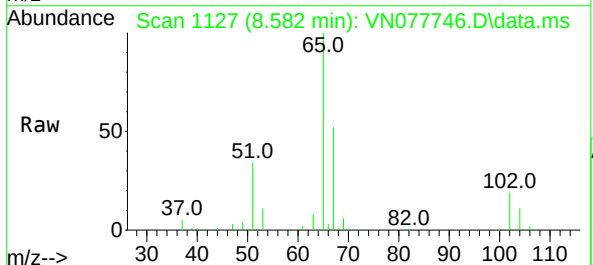


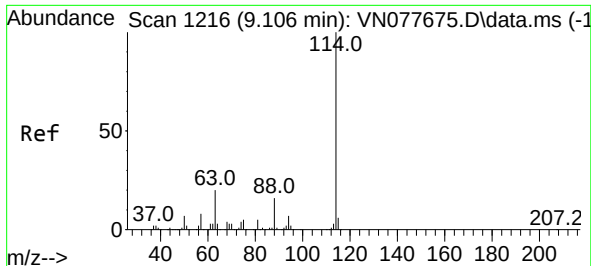
Tgt Ion: 56 Resp: 7203
Ion Ratio Lower Upper
56 100
69 176.7 26.8 40.2#
84 171.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 45.619 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Tgt Ion: 65 Resp: 244126
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6

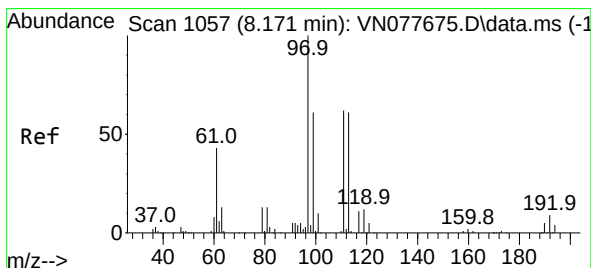
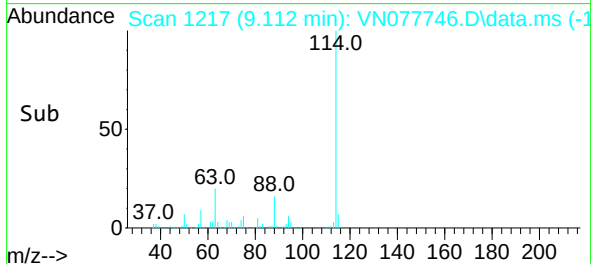
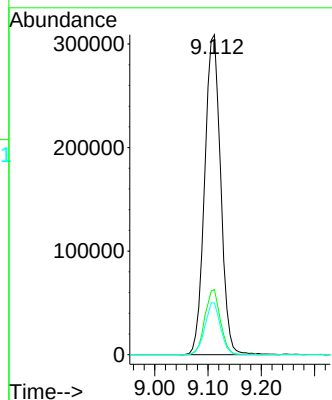
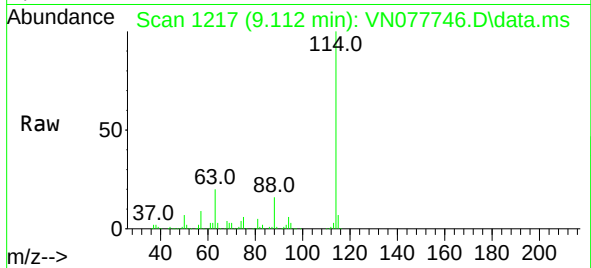




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

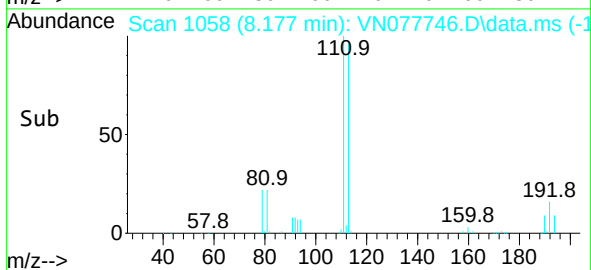
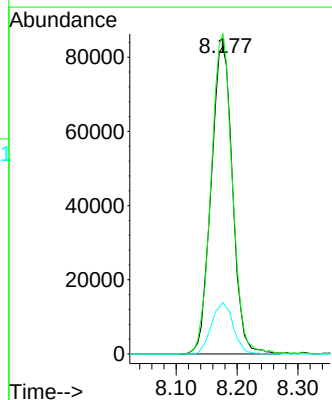
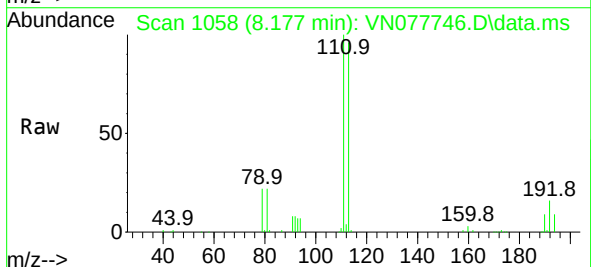
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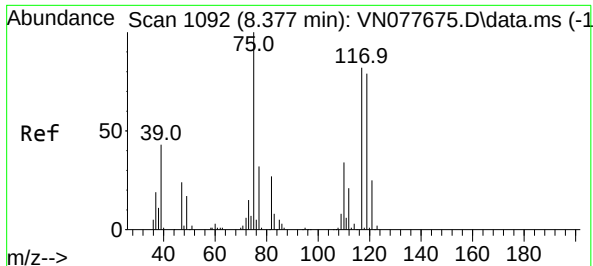
Tgt Ion:114 Resp: 643555
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.480 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Tgt Ion:113 Resp: 203447
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.935 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

Lab File: VN077746.D

Acq: 18 May 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20230516

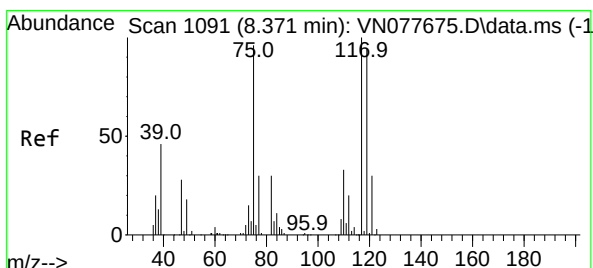
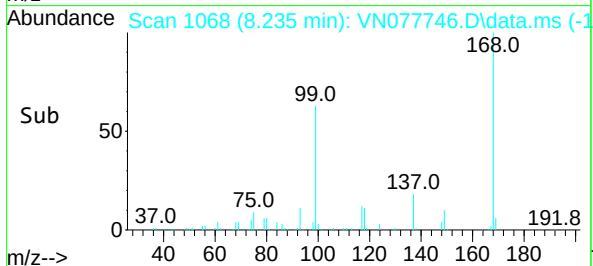
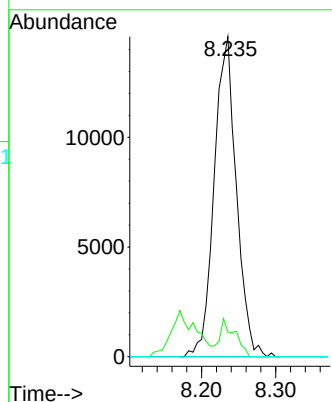
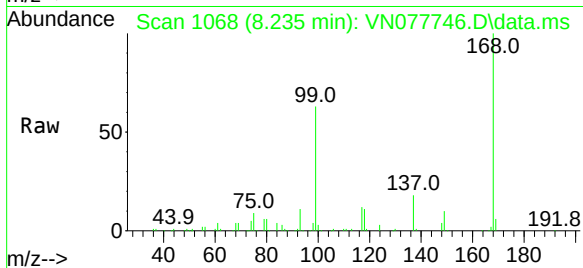
Tgt Ion: 75 Resp: 30293

Ion Ratio Lower Upper

75 100

110 8.4 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.202 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN077746.D

Acq: 18 May 2023 19:04

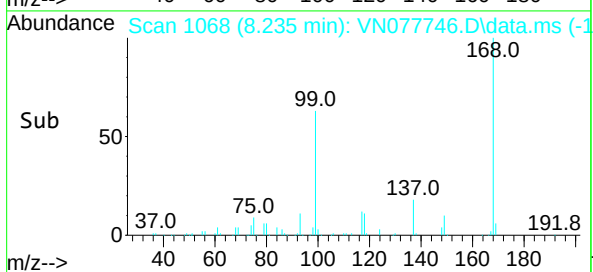
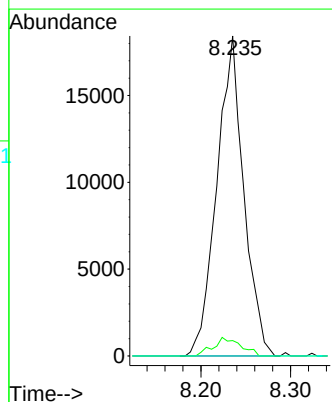
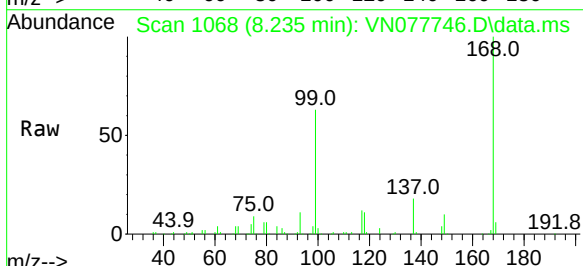
Tgt Ion: 117 Resp: 38442

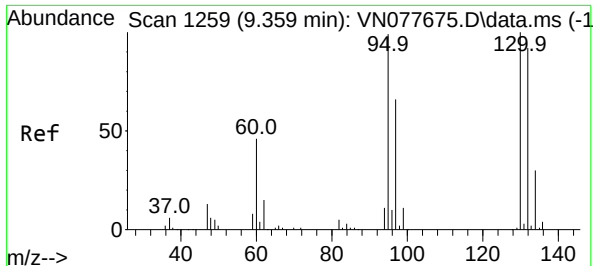
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 23.3 34.9#

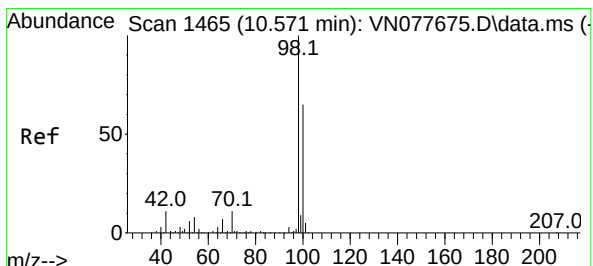
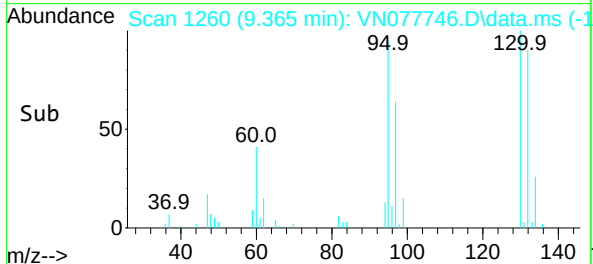
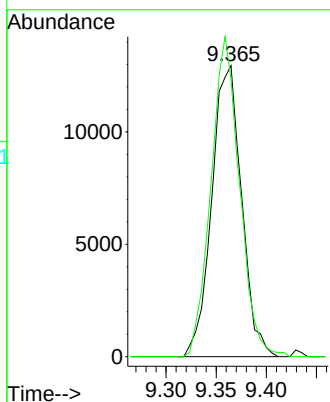
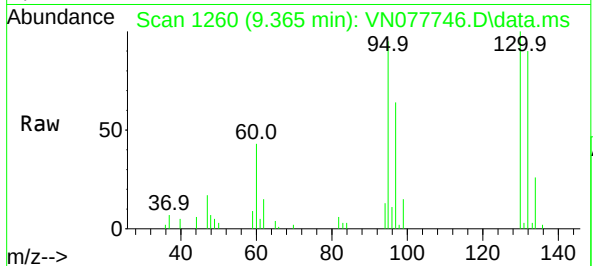




#44
Trichloroethene
Concen: 5.828 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

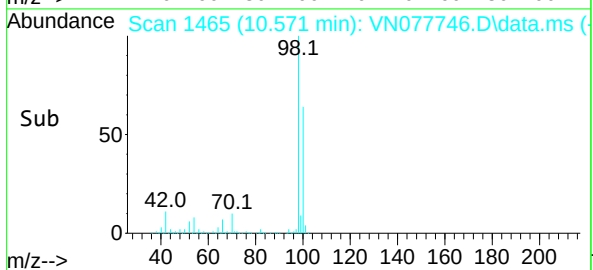
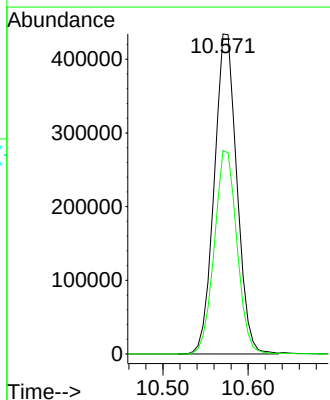
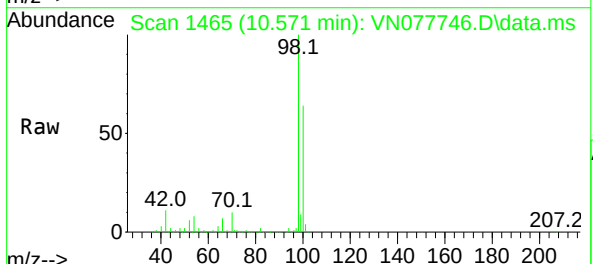
Instrument :
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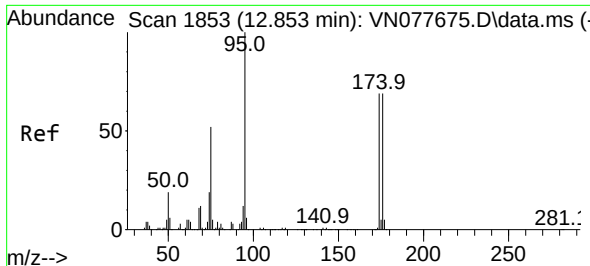
Tgt Ion:130 Resp: 26728
Ion Ratio Lower Upper
130 100
95 95.5 0.0 204.6



#50
Toluene-d8
Concen: 49.617 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Tgt Ion: 98 Resp: 801454
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

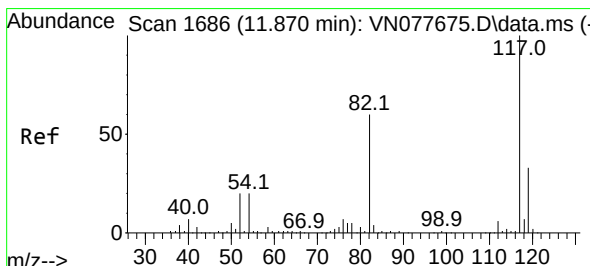
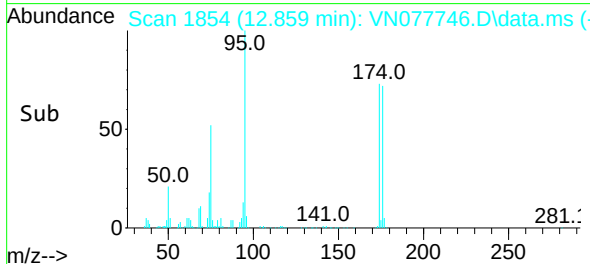
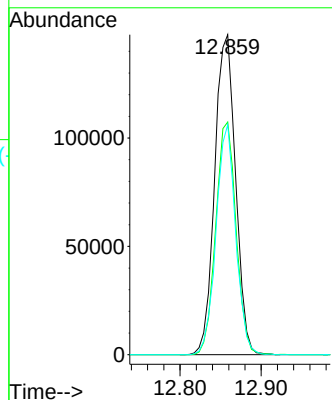
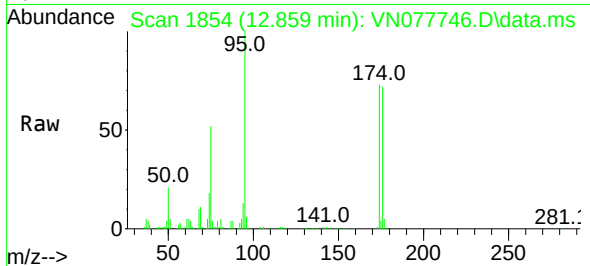




#62
4-Bromofluorobenzene
Concen: 46.280 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

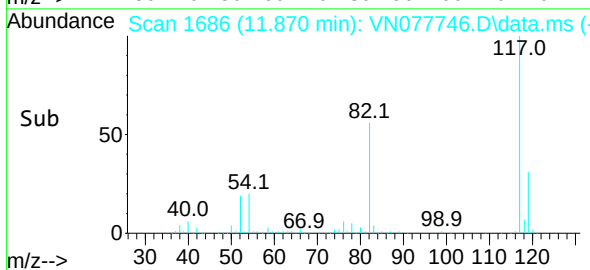
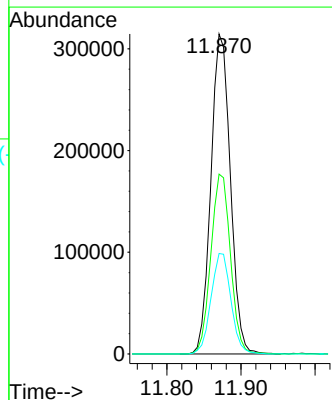
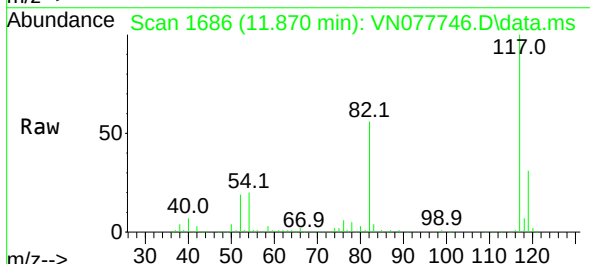
Instrument :
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ClientSampleId :
RE120D3-20230516

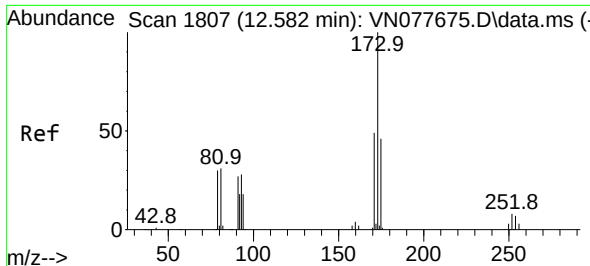
Tgt Ion: 95 Resp: 264018
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.8
176 67.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Tgt Ion: 117 Resp: 574437
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 31.4 25.6 38.4

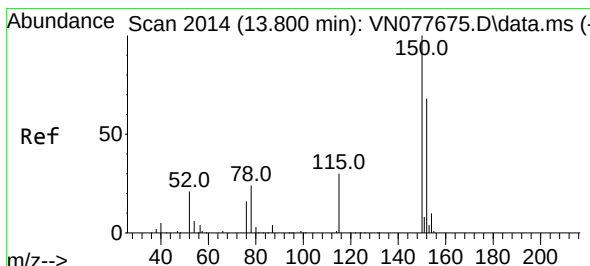
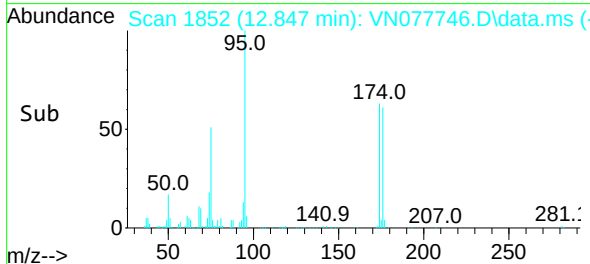
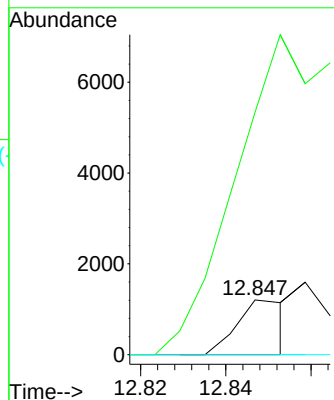
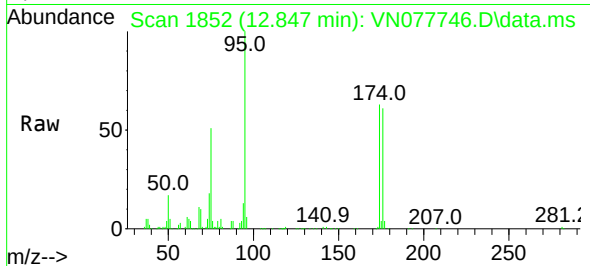




#71
Bromoform
Concen: 0.346 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

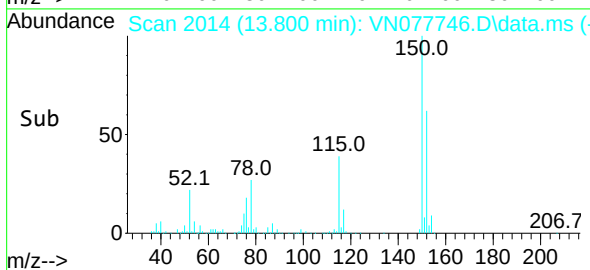
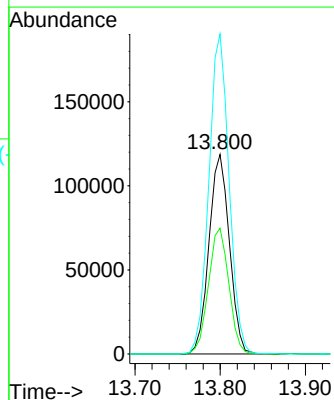
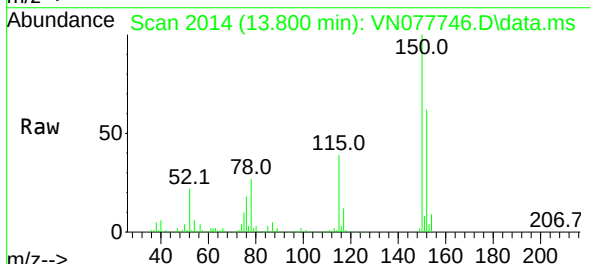
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

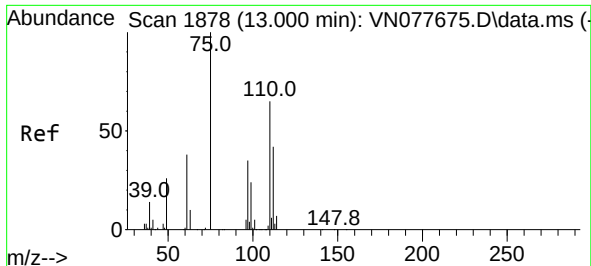
Tgt Ion:173 Resp: 991
Ion Ratio Lower Upper
173 100
175 857.9 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Tgt Ion:152 Resp: 197802
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 158.3 0.0 355.8

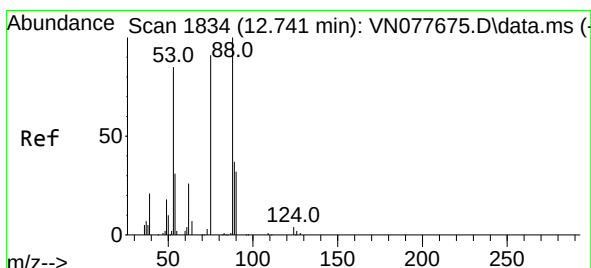
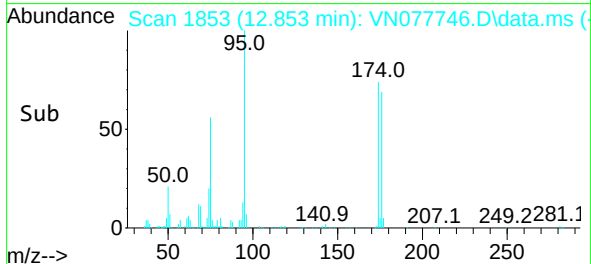
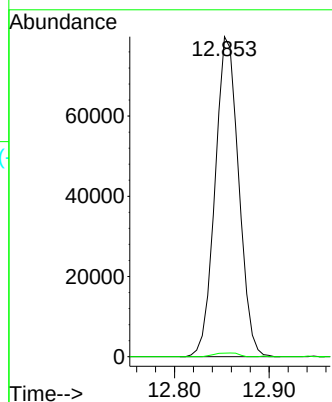
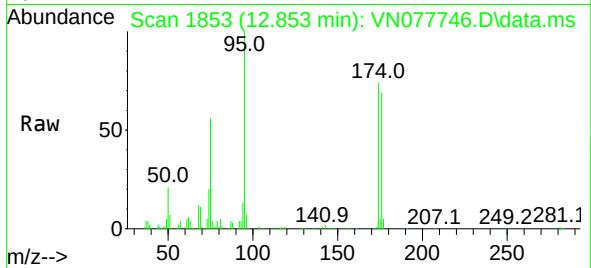




#76
1,2,3-Trichloropropane
Concen: 27.906 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

Tgt Ion: 75 Resp: 138236
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.201 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077746.D
Acq: 18 May 2023 19:04

Tgt Ion: 75 Resp: 138236
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

