

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077936.D
 Acq On : 26 May 2023 18:41
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 29 00:32:33 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)

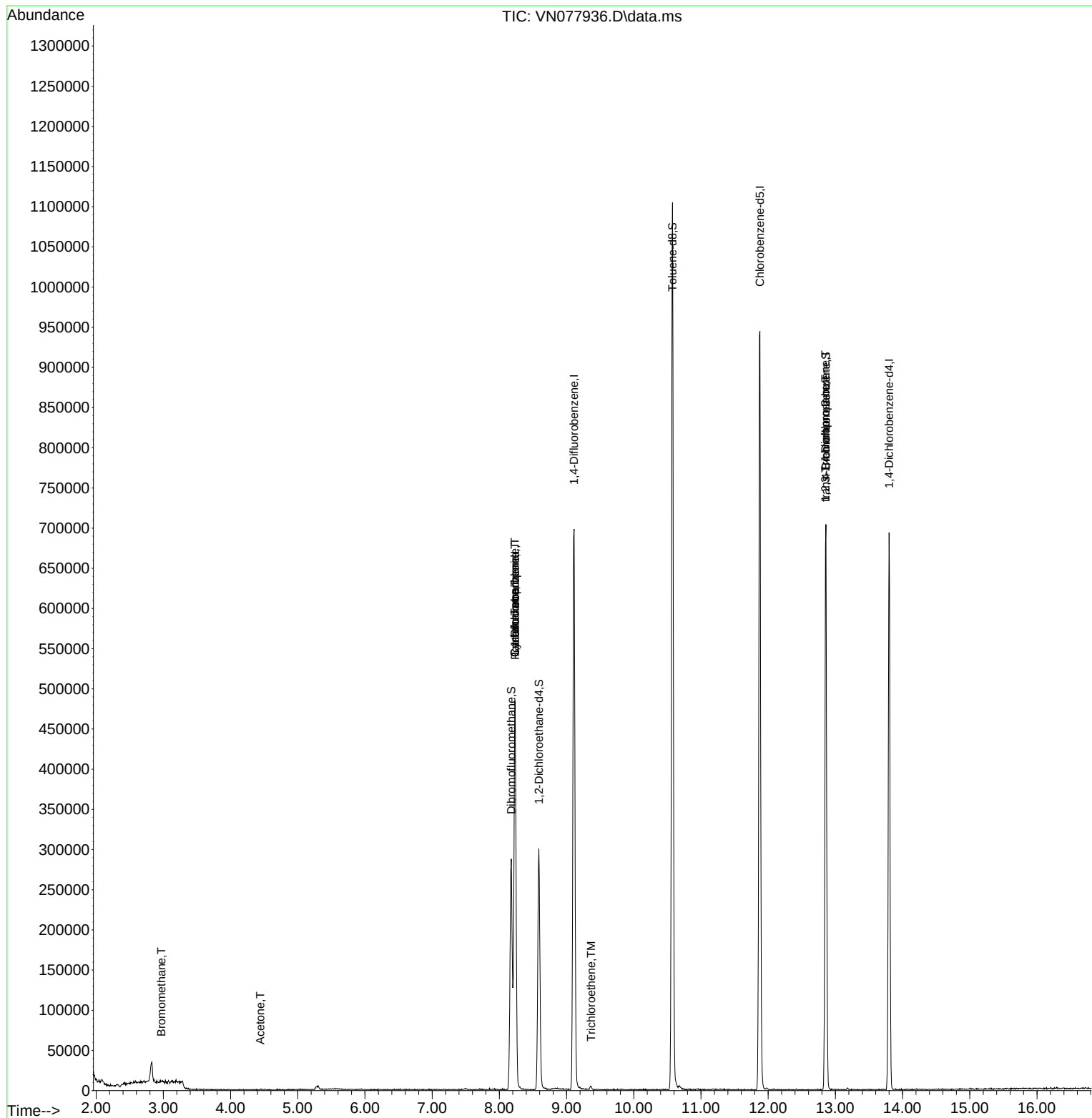
Internal Standards						
1) Pentafluorobenzene	8.236	168	348489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	636809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	570464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	189852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	246406	47.256	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.520%		
35) Dibromofluoromethane	8.177	113	202636	48.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.600%		
50) Toluene-d8	10.577	98	799204	50.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.000%		
62) 4-Bromofluorobenzene	12.859	95	256936	45.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.040%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1293	Below Cal	#	76
5) Bromomethane	2.971	94	992	0.268	ug/l #	45
13) Acrolein	4.195	56	62	Below Cal	#	16
16) Acetone	4.442	43	361	0.220	ug/l #	40
20) Methylene Chloride	5.283	84	2244	Below Cal	#	78
31) Cyclohexane	8.230	56	7617	1.075	ug/l #	22
36) 1,1-Dichloropropene	8.230	75	29891	4.921	ug/l #	49
38) Carbon Tetrachloride	8.230	117	38552	6.286	ug/l #	17
44) Trichloroethene	9.365	130	1374	0.303	ug/l	84
76) 1,2,3-Trichloropropane	12.853	75	136126	28.631	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	136126	91.518	ug/l #	15

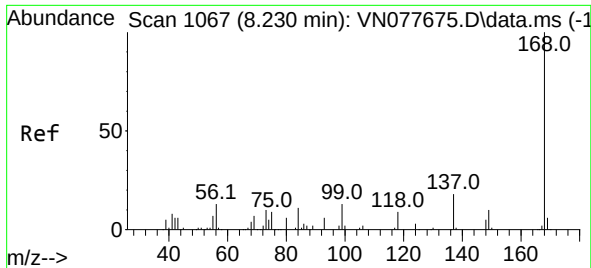
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
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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

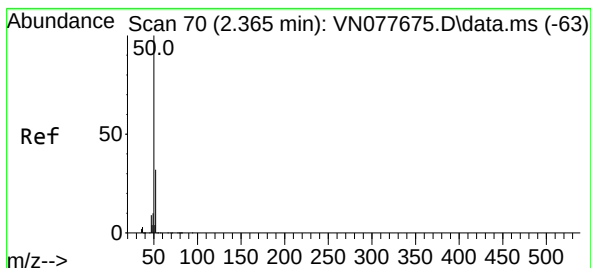
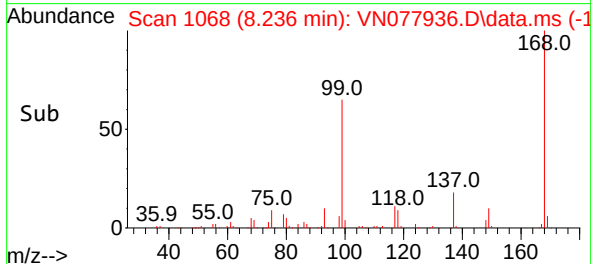
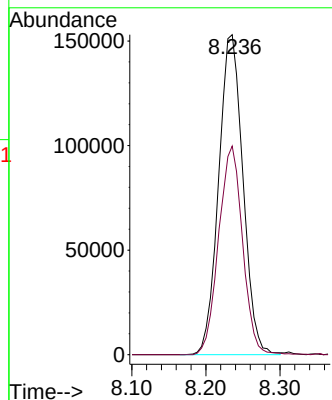
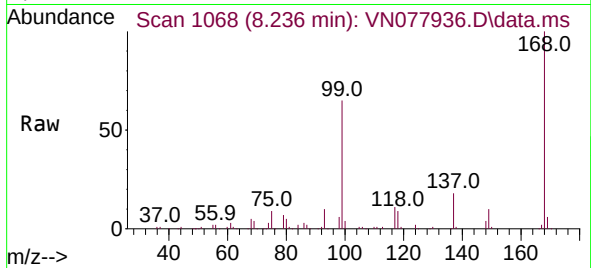




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077936.D
Acq: 26 May 2023 18:41

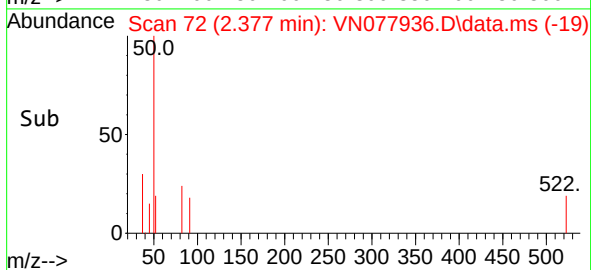
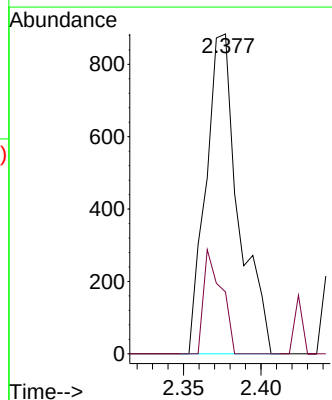
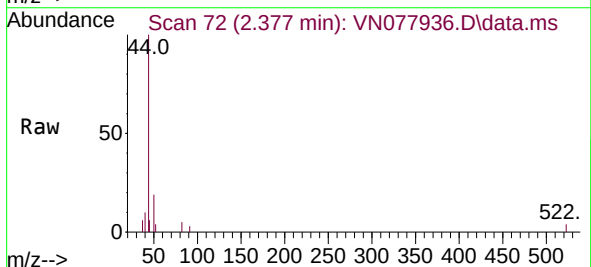
Instrument :
MSVOA_N
ClientSampleId :
IBLK

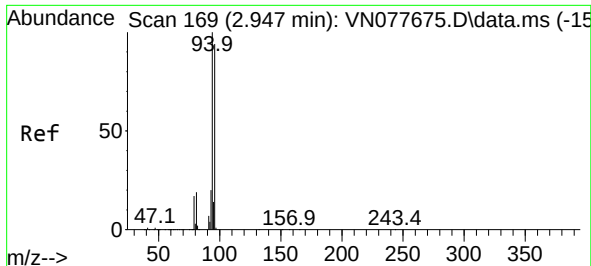
Tgt Ion:168 Resp: 348489
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077936.D
Acq: 26 May 2023 18:41

Tgt Ion: 50 Resp: 1293
Ion Ratio Lower Upper
50 100
52 19.3 26.5 39.7#

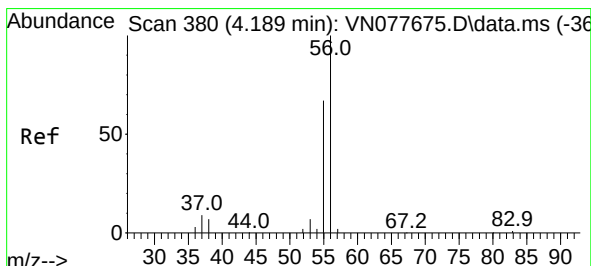
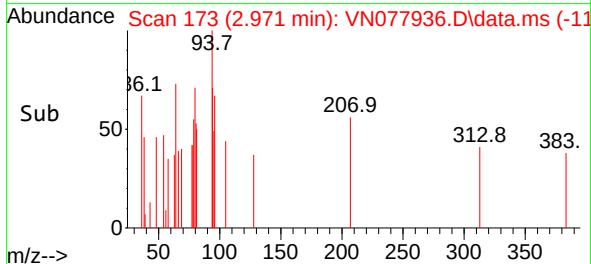
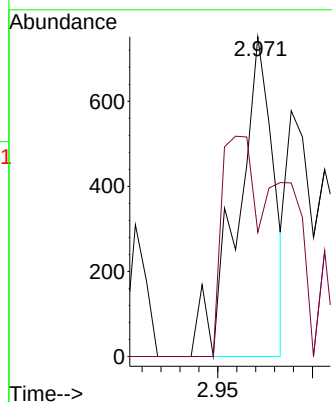
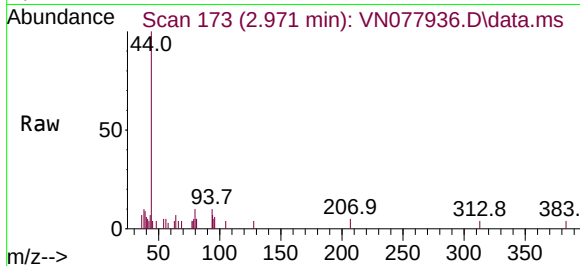




#5
Bromomethane
Concen: 0.268 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077936.D
Acq: 26 May 2023 18:41

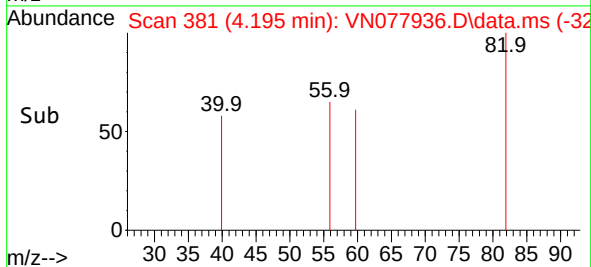
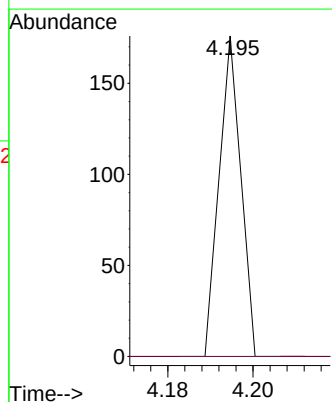
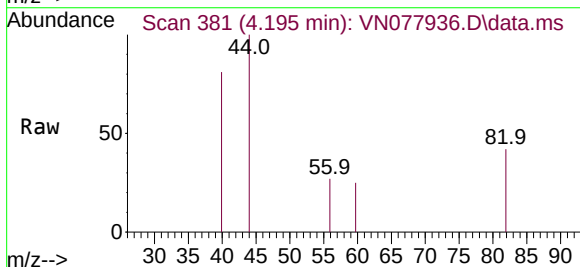
Instrument :
MSVOA_N
ClientSampleId :
IBLK

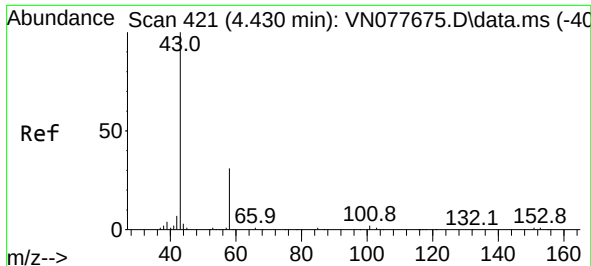
Tgt Ion: 94 Resp: 992
Ion Ratio Lower Upper
94 100
96 38.8 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN077936.D
Acq: 26 May 2023 18:41

Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

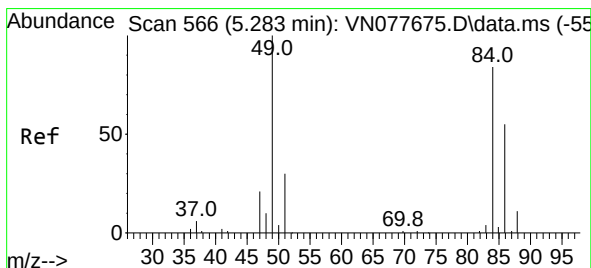
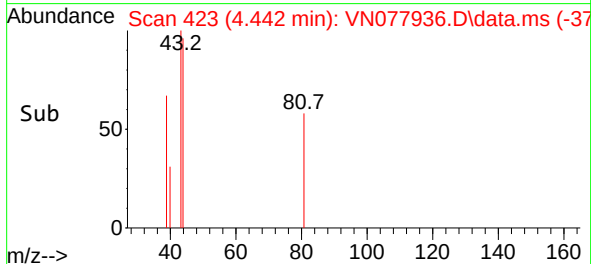
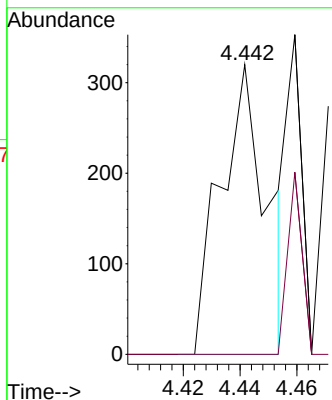
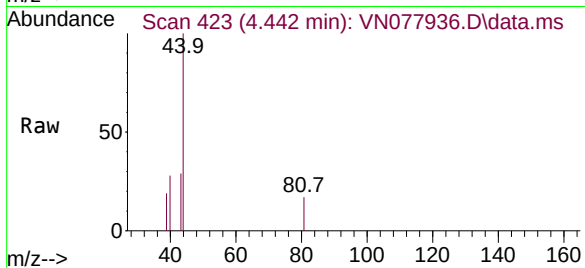




#16
Acetone
Concen: 0.220 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077936.D
Acq: 26 May 2023 18:41

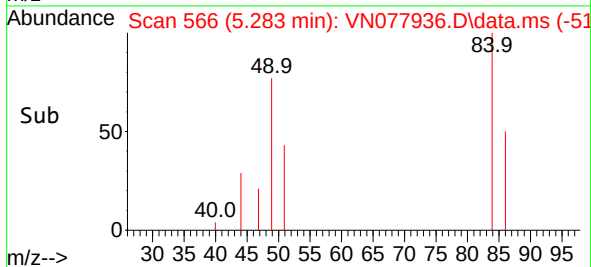
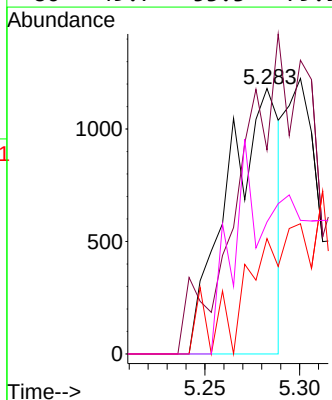
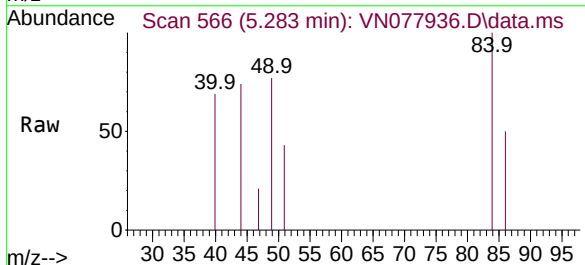
Instrument :
MSVOA_N
ClientSampleId :
IBLK

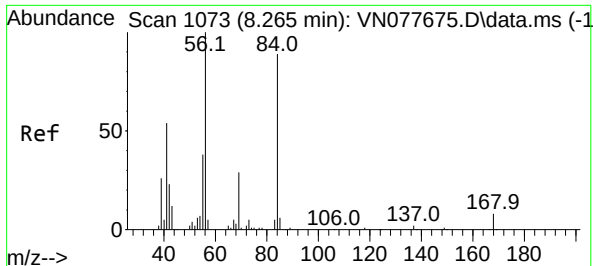
Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077936.D
Acq: 26 May 2023 18:41

Tgt Ion: 84 Resp: 2244
Ion Ratio Lower Upper
84 100
49 76.9 79.7 119.5#
51 43.5 25.2 37.8#
86 49.7 53.3 79.9#





#31

Cyclohexane

Concen: 1.075 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN077936.D

Acq: 26 May 2023 18:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

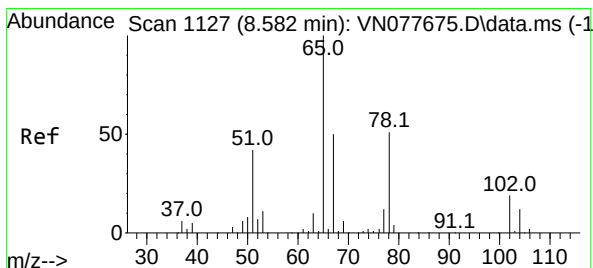
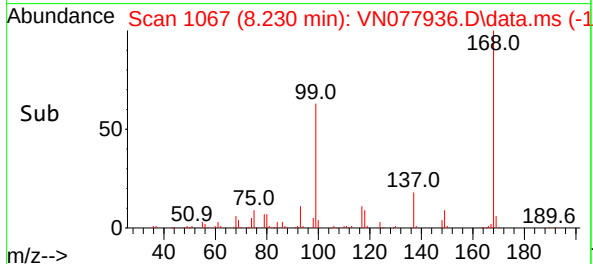
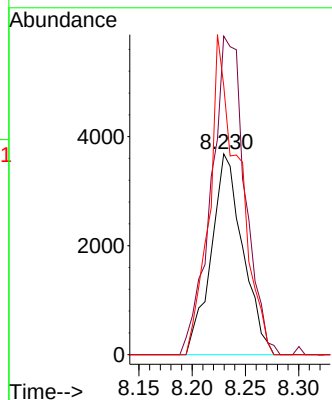
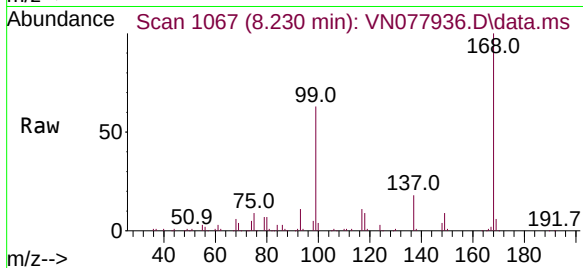
Tgt Ion: 56 Resp: 7617

Ion Ratio Lower Upper

56 100

69 158.6 26.8 40.2#

84 134.0 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 47.256 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077936.D

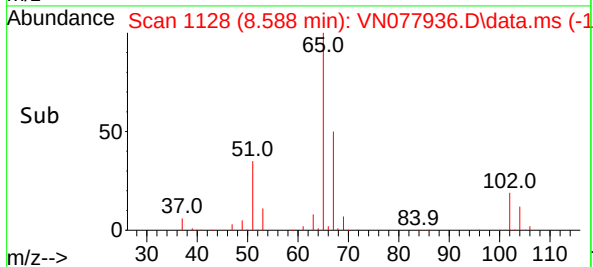
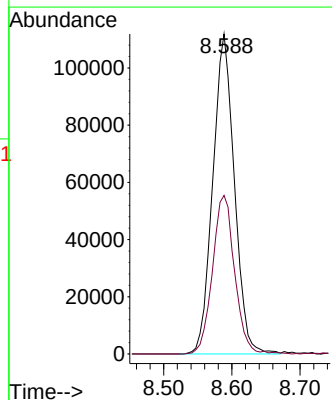
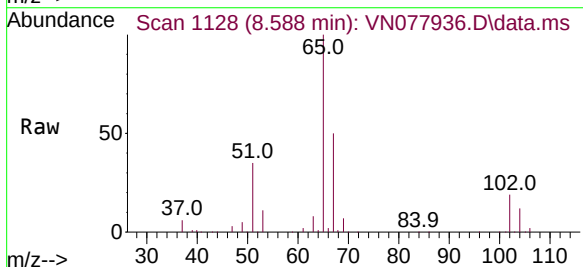
Acq: 26 May 2023 18:41

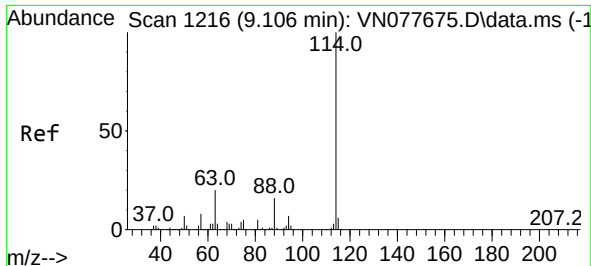
Tgt Ion: 65 Resp: 246406

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077936.D

Acq: 26 May 2023 18:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

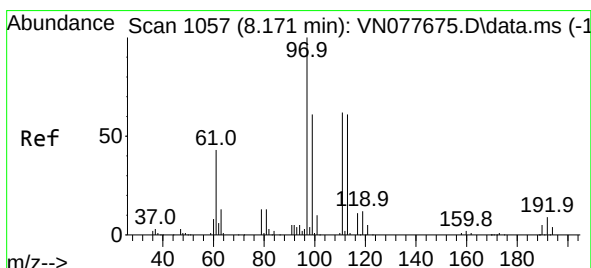
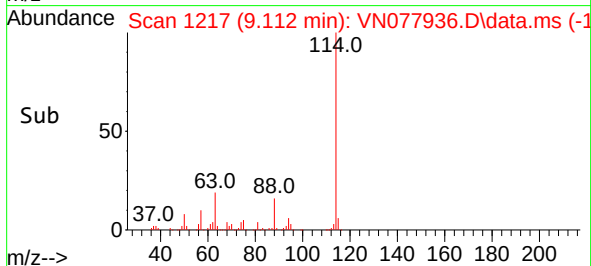
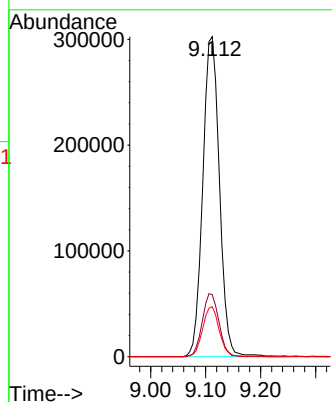
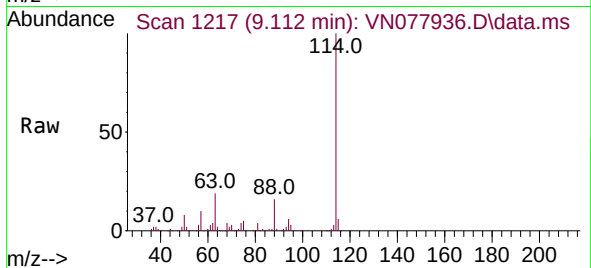
Tgt Ion:114 Resp: 636809

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.798 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077936.D

Acq: 26 May 2023 18:41

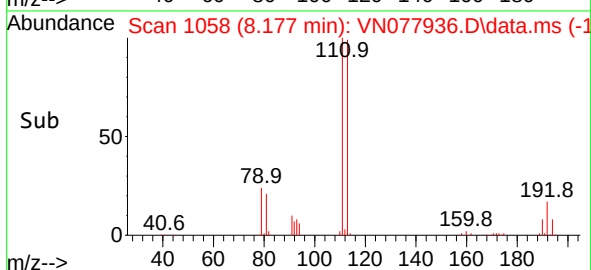
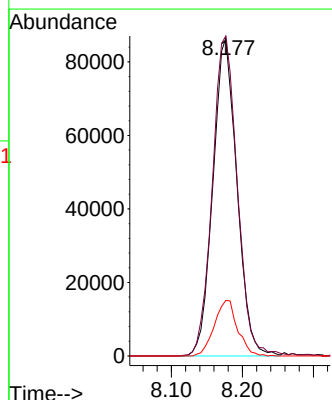
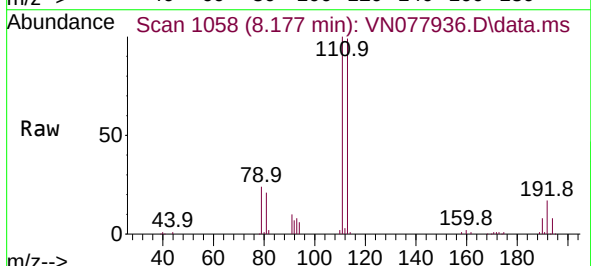
Tgt Ion:113 Resp: 202636

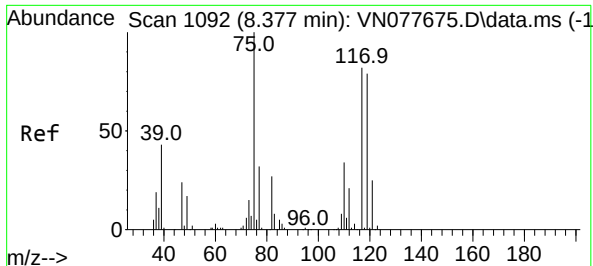
Ion Ratio Lower Upper

113 100

111 104.9 82.6 123.8

192 16.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.921 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN077936.D

Acq: 26 May 2023 18:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

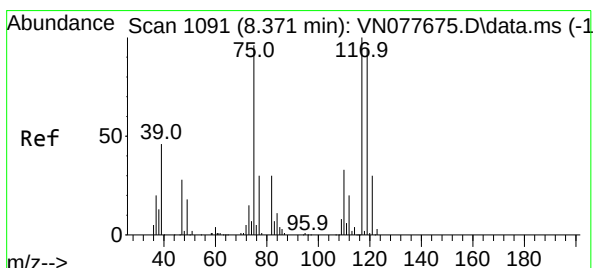
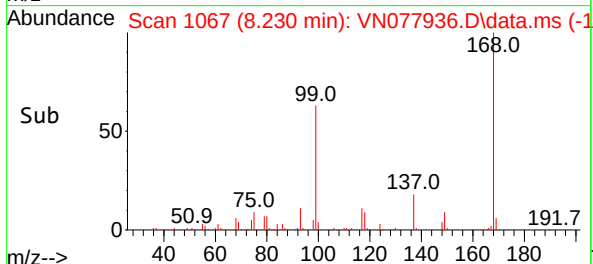
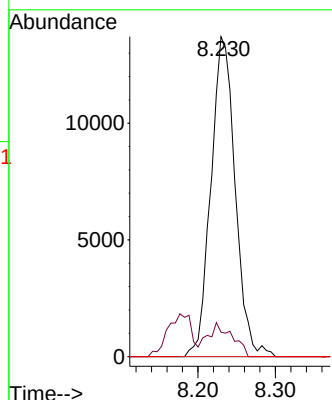
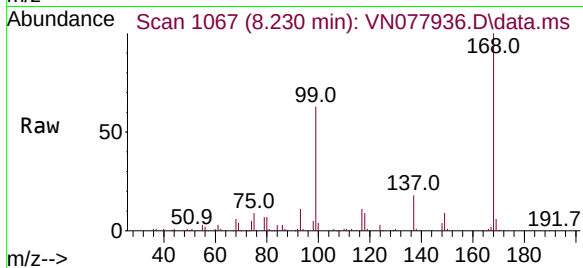
Tgt Ion: 75 Resp: 29891

Ion Ratio Lower Upper

75 100

110 10.6 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.286 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN077936.D

Acq: 26 May 2023 18:41

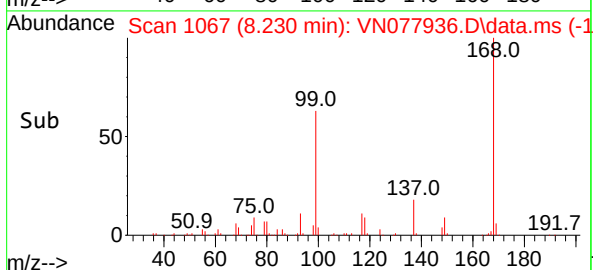
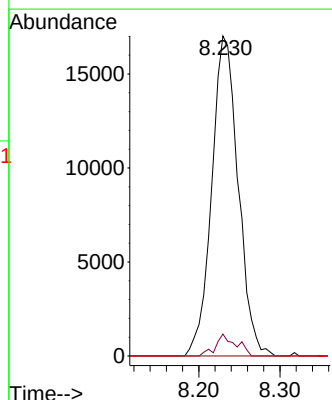
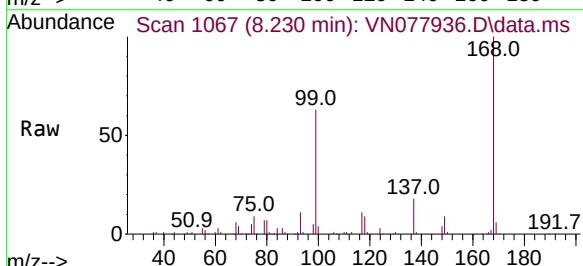
Tgt Ion: 117 Resp: 38552

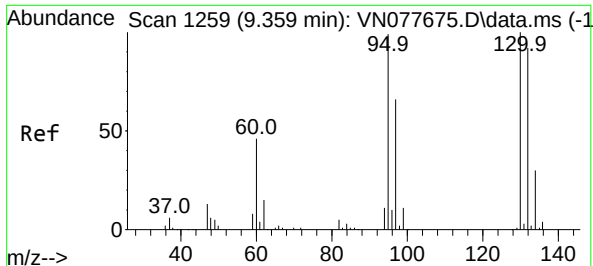
Ion Ratio Lower Upper

117 100

119 6.8 77.3 115.9#

121 0.0 23.3 34.9#

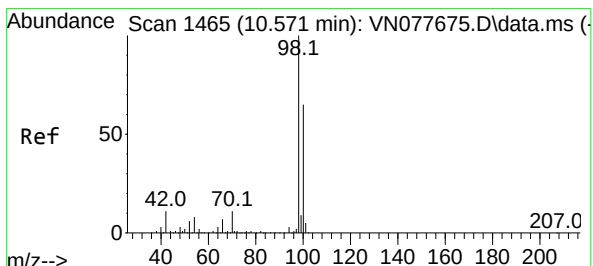
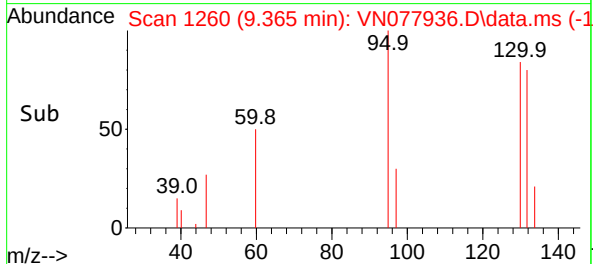
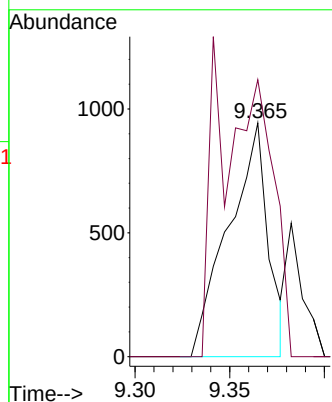
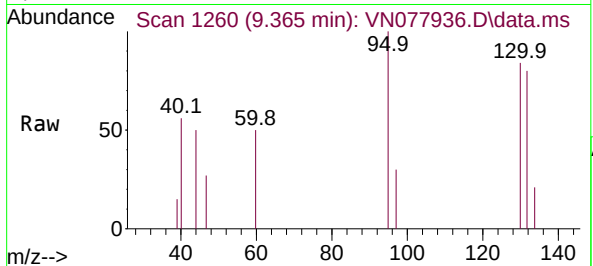




#44
Trichloroethene
Concen: 0.303 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077936.D
Acq: 26 May 2023 18:41

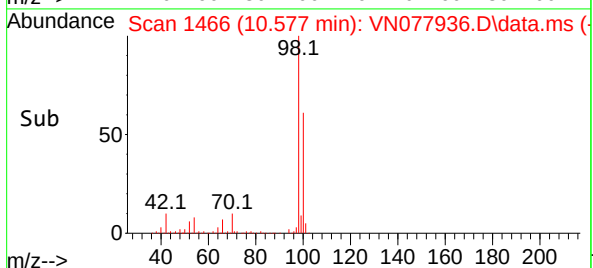
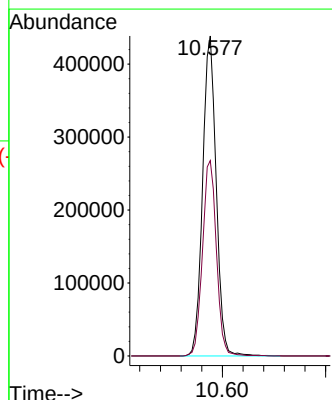
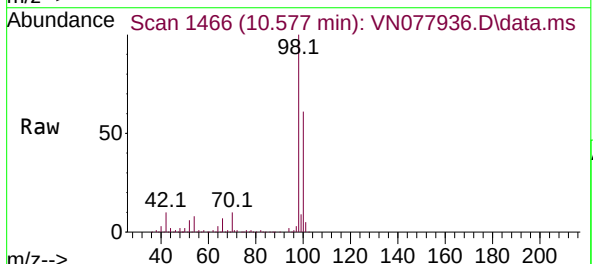
Instrument :
MSVOA_N
ClientSampleId :
IBLK

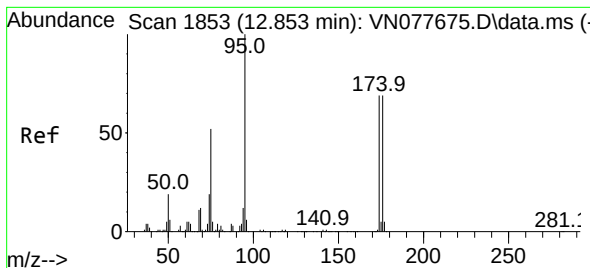
Tgt Ion:130 Resp: 1374
Ion Ratio Lower Upper
130 100
95 118.4 0.0 204.6



#50
Toluene-d8
Concen: 50.002 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077936.D
Acq: 26 May 2023 18:41

Tgt Ion: 98 Resp: 799204
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

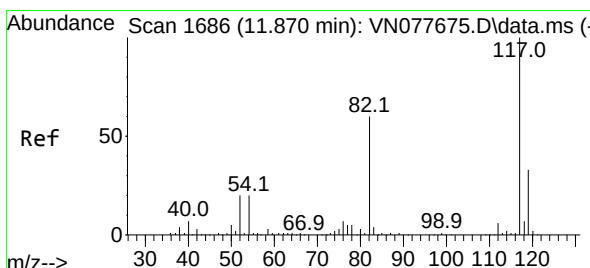
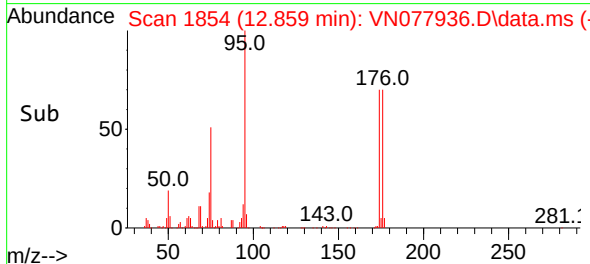
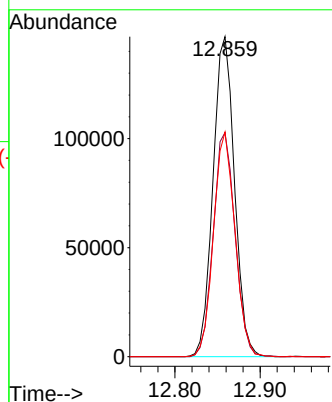
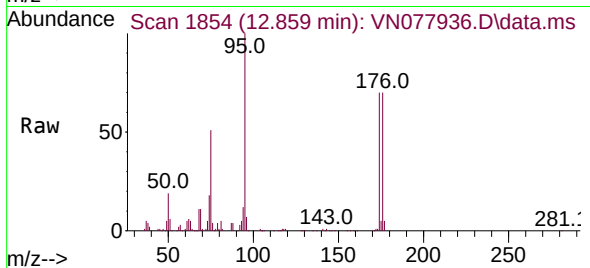




#62
4-Bromofluorobenzene
Concen: 45.515 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077936.D
Acq: 26 May 2023 18:41

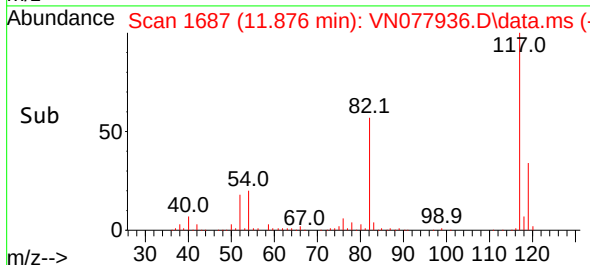
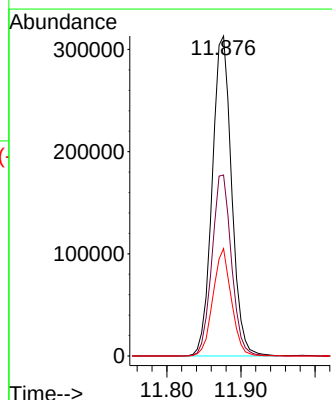
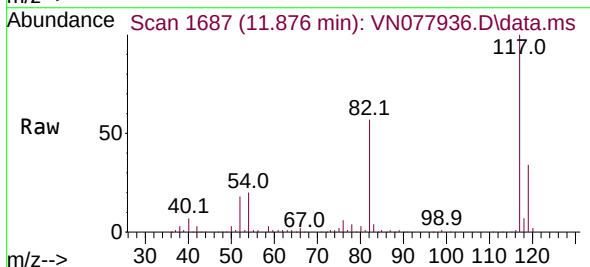
Instrument :
MSVOA_N
ClientSampleId :
IBLK

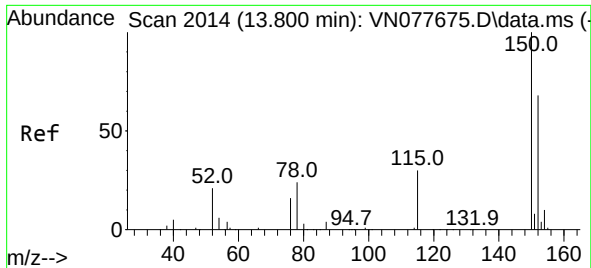
Tgt Ion: 95 Resp: 256936
Ion Ratio Lower Upper
95 100
174 71.0 0.0 143.8
176 70.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077936.D
Acq: 26 May 2023 18:41

Tgt Ion: 117 Resp: 570464
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 33.5 25.6 38.4

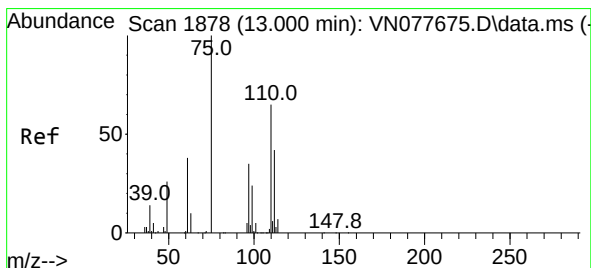
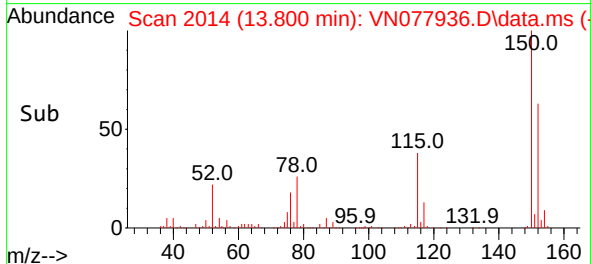
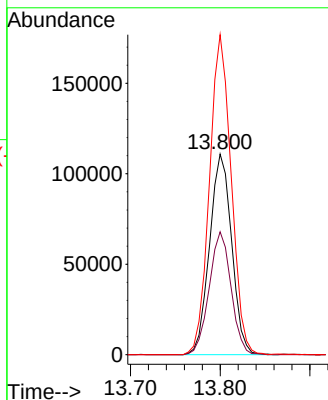
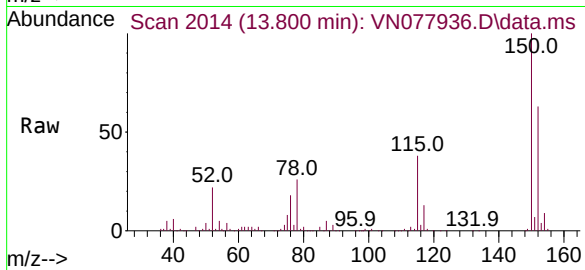




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077936.D
 Acq: 26 May 2023 18:41

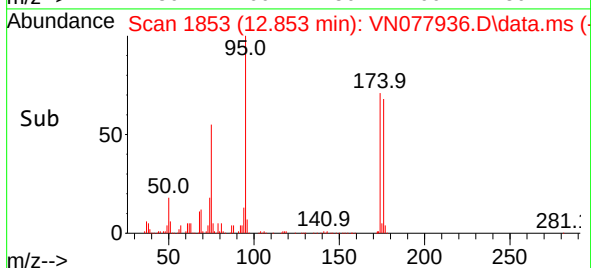
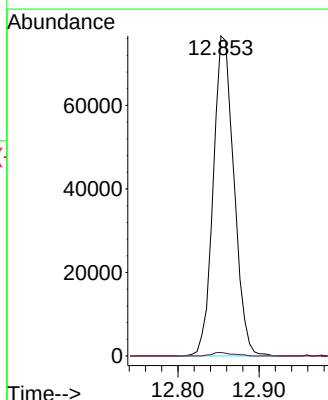
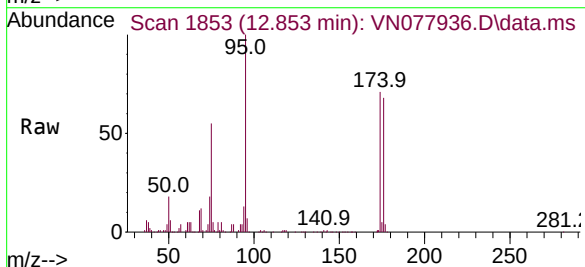
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

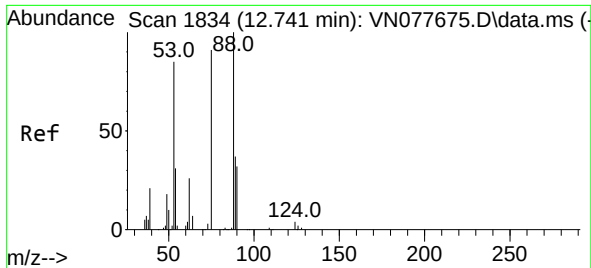
Tgt Ion:152 Resp: 189852
 Ion Ratio Lower Upper
 152 100
 115 60.4 32.3 96.8
 150 156.5 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 28.631 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN077936.D
 Acq: 26 May 2023 18:41

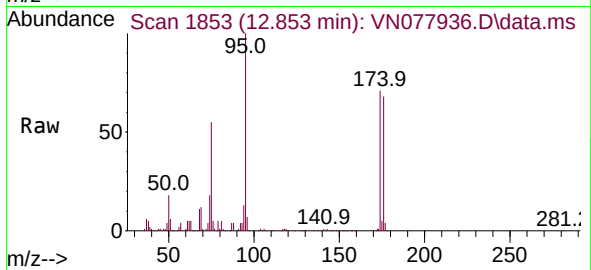
Tgt Ion: 75 Resp: 136126
 Ion Ratio Lower Upper
 75 100
 77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.518 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN077936.D
 Acq: 26 May 2023 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 136126
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

