

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077935.D
 Acq On : 26 May 2023 18:17
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 29 00:32:13 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)

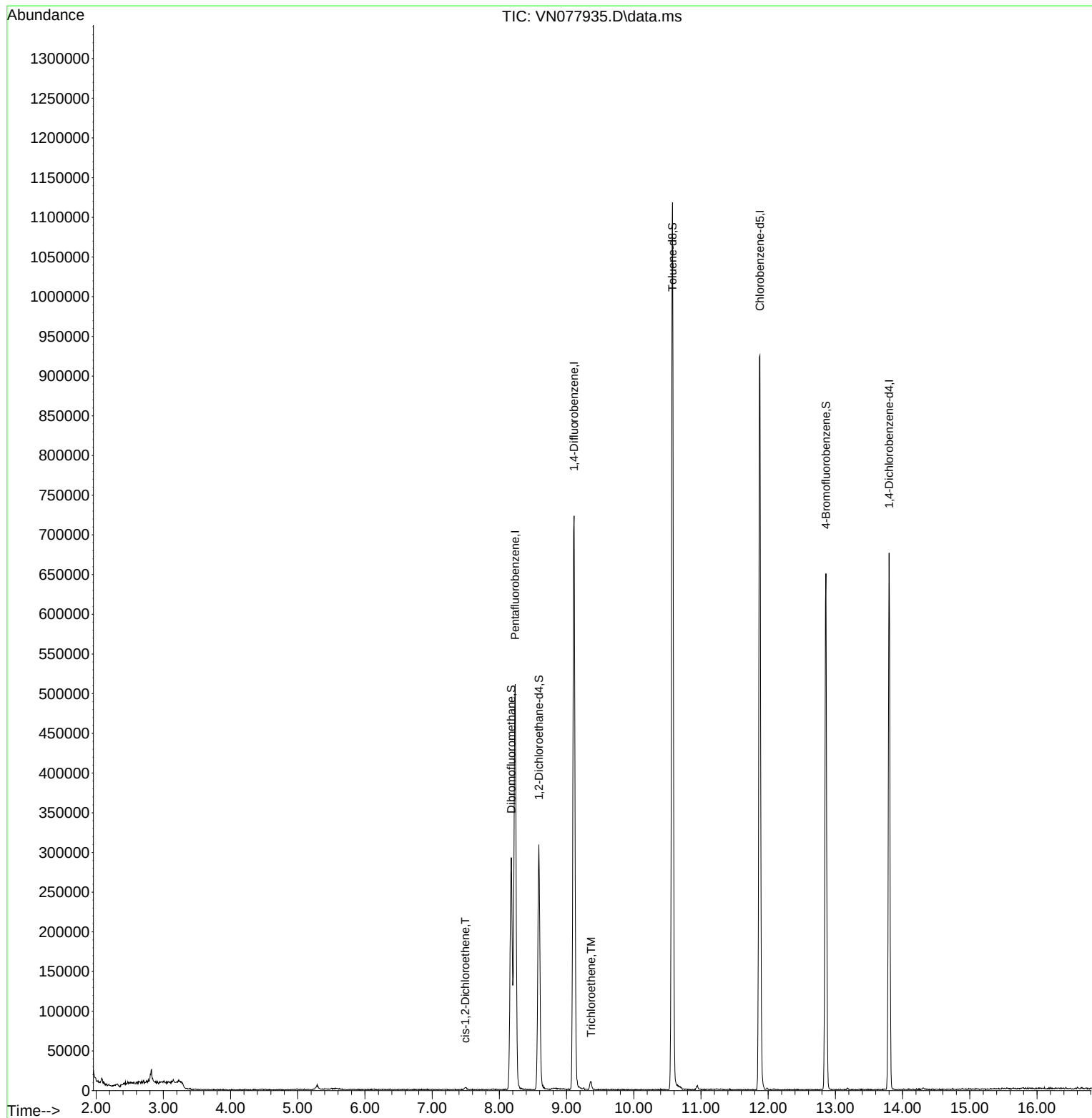
Internal Standards						
1) Pentafluorobenzene	8.236	168	361271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	652728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	560900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	176120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	250257	46.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.600%		
35) Dibromofluoromethane	8.177	113	210985	49.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	10.577	98	806196	49.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.859	95	234844	40.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.180%#		
Target Compounds						
27) cis-1,2-Dichloroethene	7.494	96	1646	0.322	ug/l	50
44) Trichloroethene	9.365	130	3660	0.787	ug/l	78

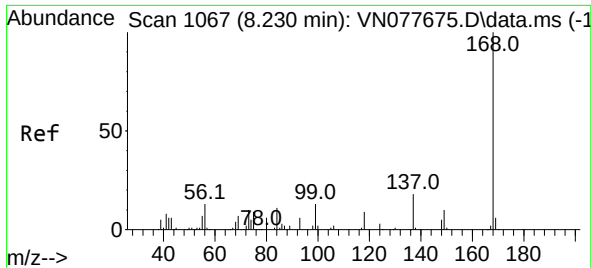
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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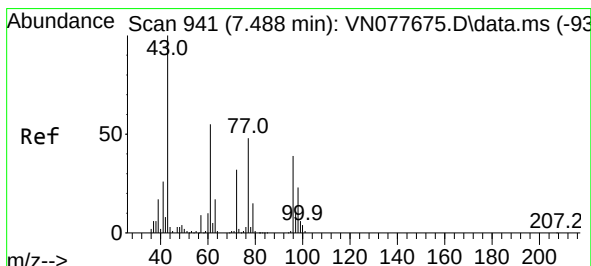
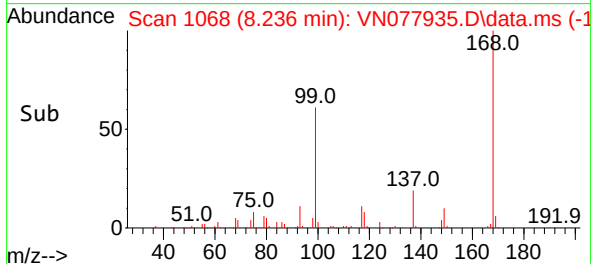
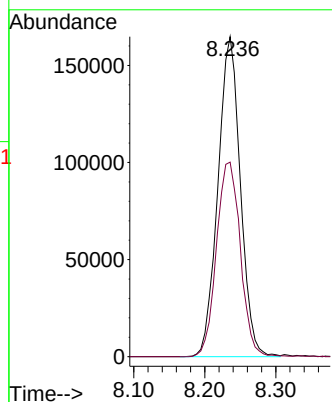
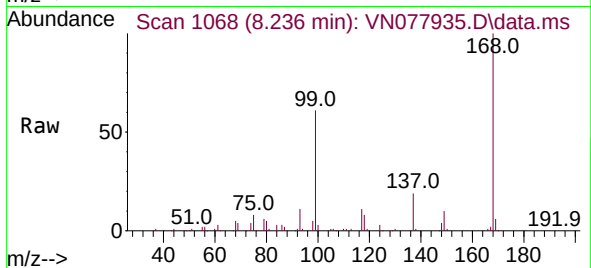




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077935.D
Acq: 26 May 2023 18:17

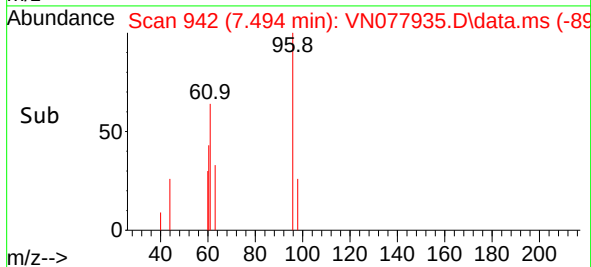
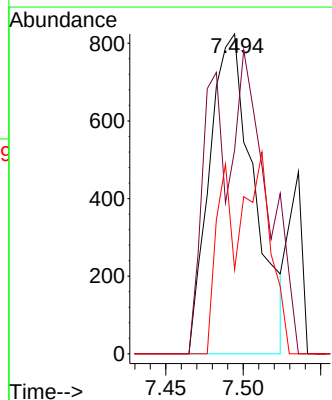
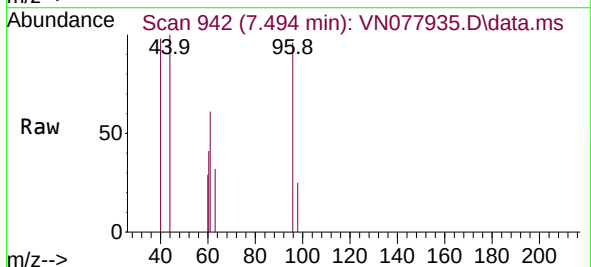
Instrument :
MSVOA_N
ClientSampleId :
IBLK

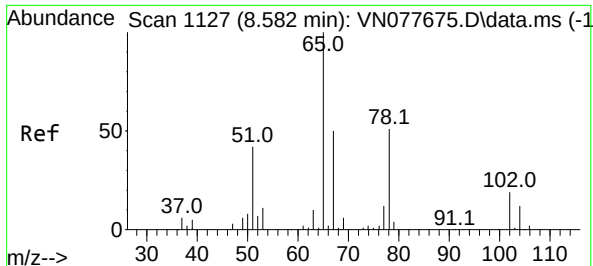
Tgt Ion:168 Resp: 361271
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 0.322 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077935.D
Acq: 26 May 2023 18:17

Tgt Ion: 96 Resp: 1646
Ion Ratio Lower Upper
96 100
61 71.6 0.0 255.2
98 22.5 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 46.296 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077935.D

Acq: 26 May 2023 18:17

Instrument :

MSVOA_N

ClientSampleId :

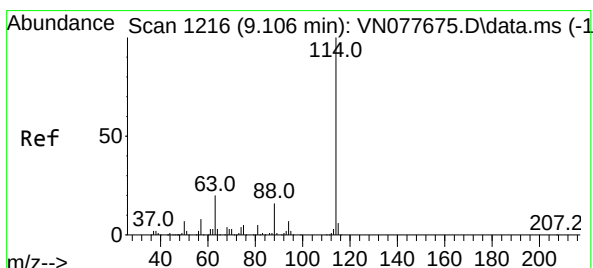
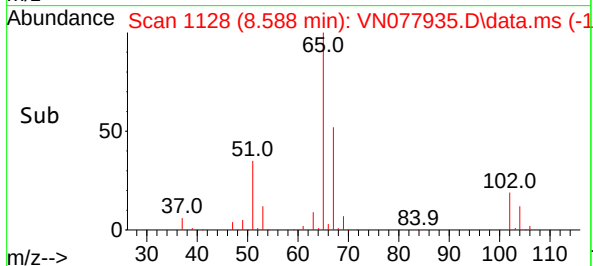
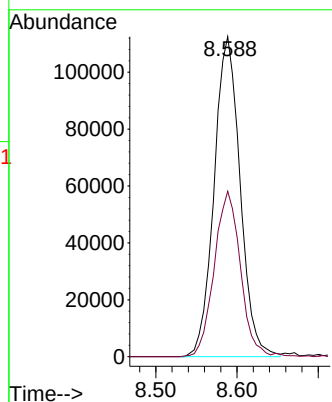
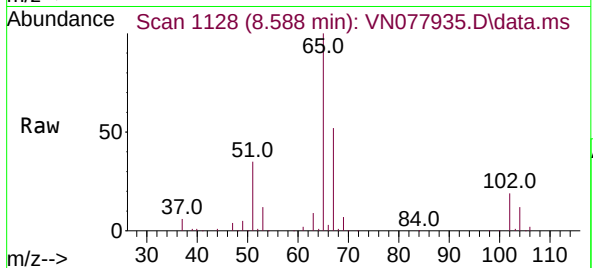
IBLK

Tgt Ion: 65 Resp: 250257

Ion Ratio Lower Upper

65 100

67 52.3 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: VN077935.D

Acq: 26 May 2023 18:17

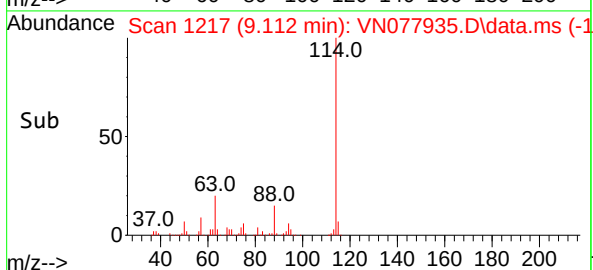
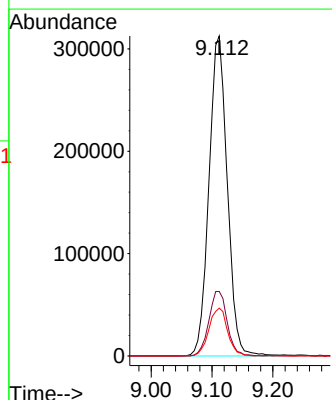
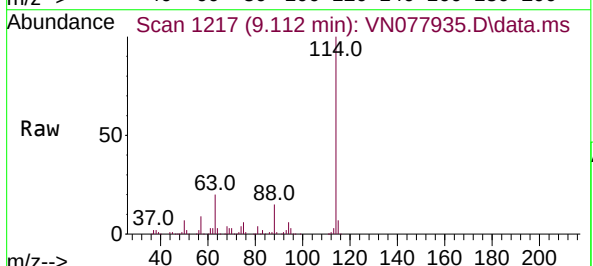
Tgt Ion: 114 Resp: 652728

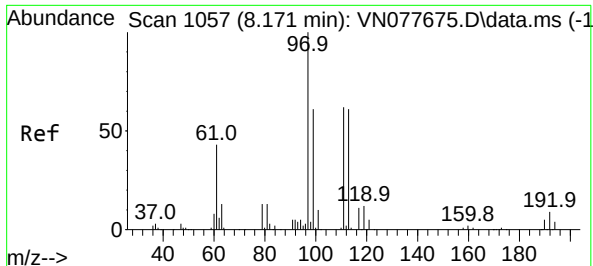
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.569 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077935.D

Acq: 26 May 2023 18:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

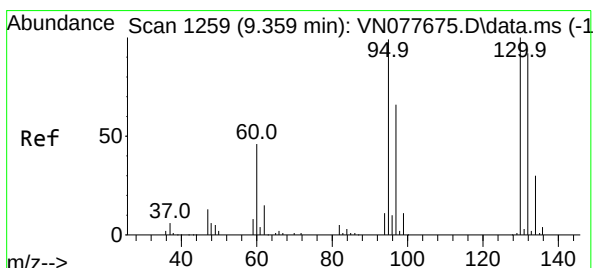
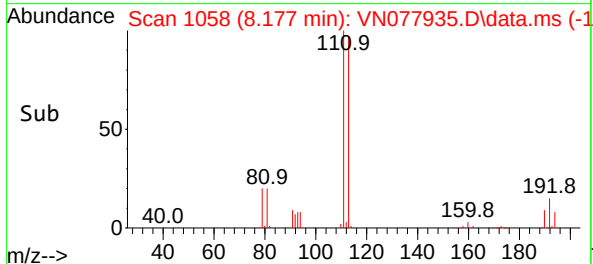
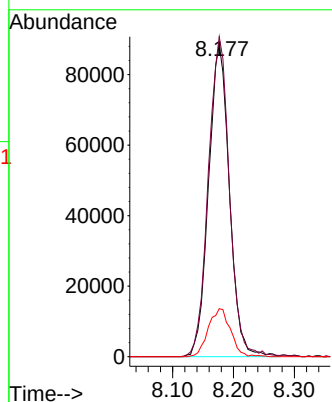
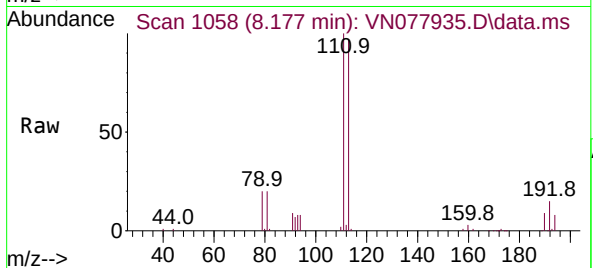
Tgt Ion:113 Resp: 210985

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.4 12.7 19.1



#44

Trichloroethene

Concen: 0.787 ug/l

RT: 9.365 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VN077935.D

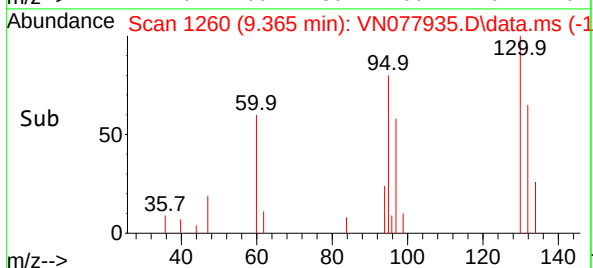
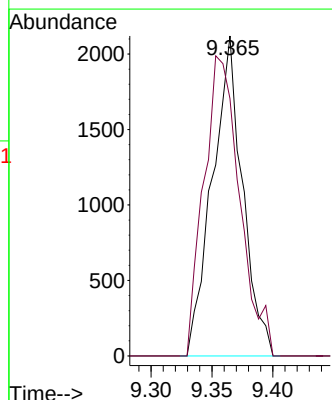
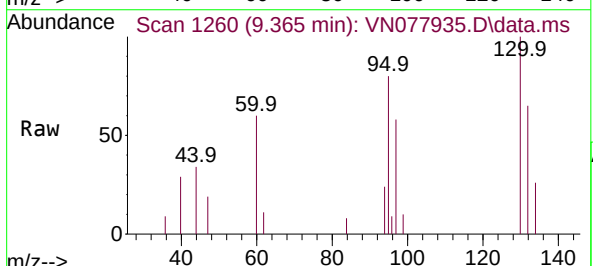
Acq: 26 May 2023 18:17

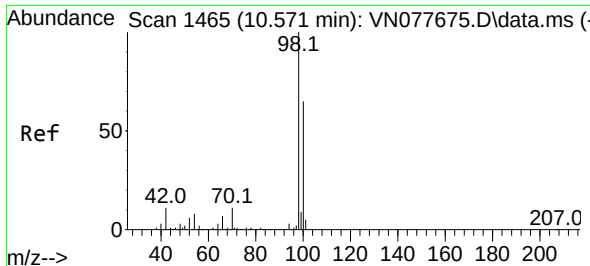
Tgt Ion:130 Resp: 3660

Ion Ratio Lower Upper

130 100

95 80.5 0.0 204.6

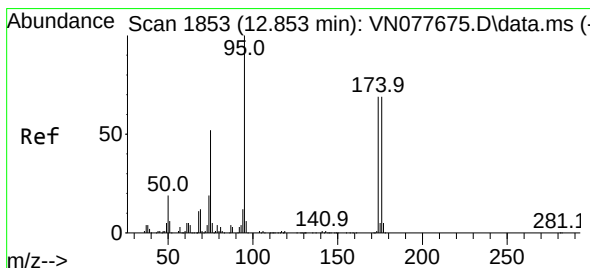
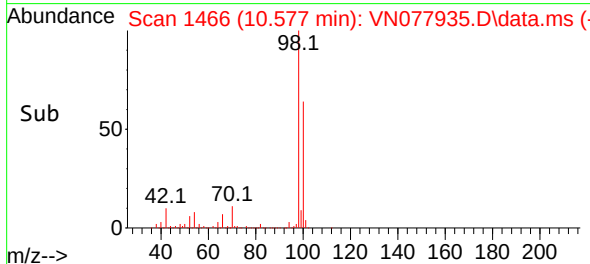
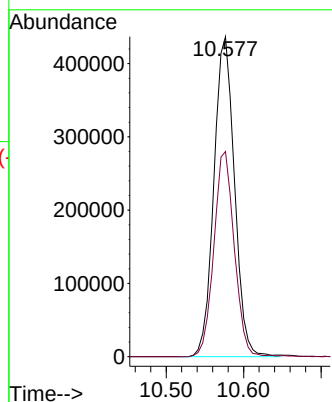
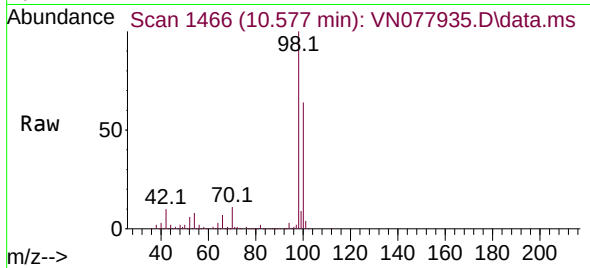




#50
Toluene-d8
Concen: 49.209 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077935.D
Acq: 26 May 2023 18:17

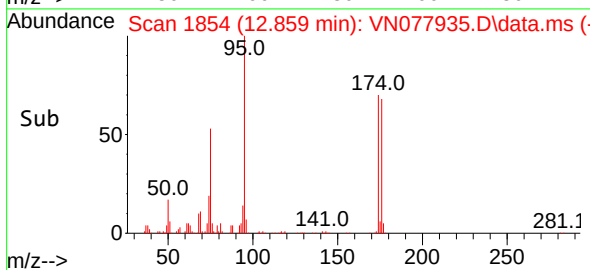
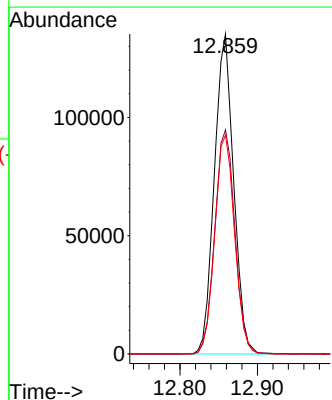
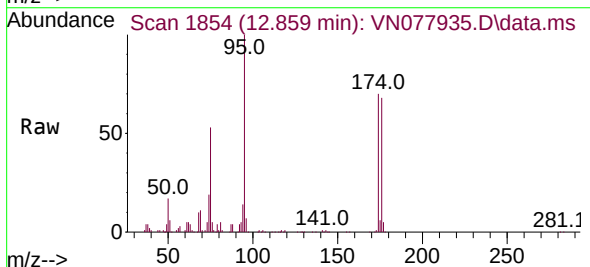
Instrument :
MSVOA_N
ClientSampleId :
IBLK

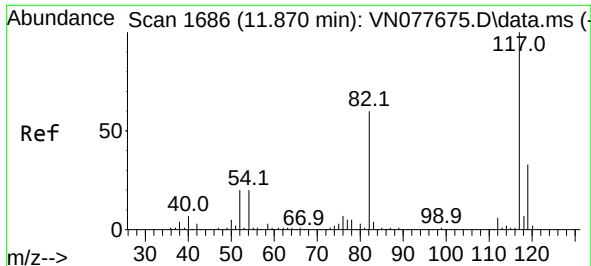
Tgt Ion: 98 Resp: 806196
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.587 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077935.D
Acq: 26 May 2023 18:17

Tgt Ion: 95 Resp: 234844
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 70.2 0.0 135.8

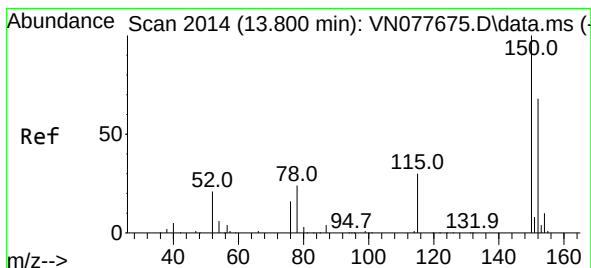
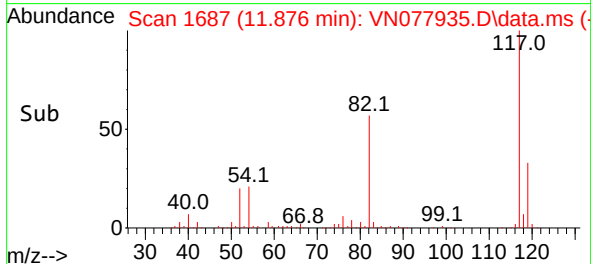
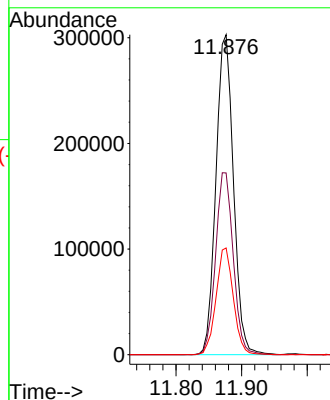
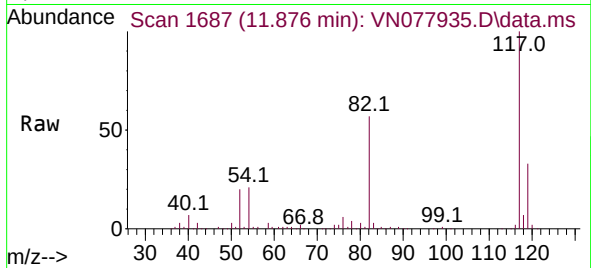




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077935.D
Acq: 26 May 2023 18:17

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 560900
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 33.3 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: VN077935.D
Acq: 26 May 2023 18:17

Tgt Ion:152 Resp: 176120
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 156.0 0.0 355.8

