

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077767.D
 Acq On : 19 May 2023 16:24
 Operator : JC\MD
 Sample : 02862-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-98-100

Quant Time: May 19 23:56:00 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)

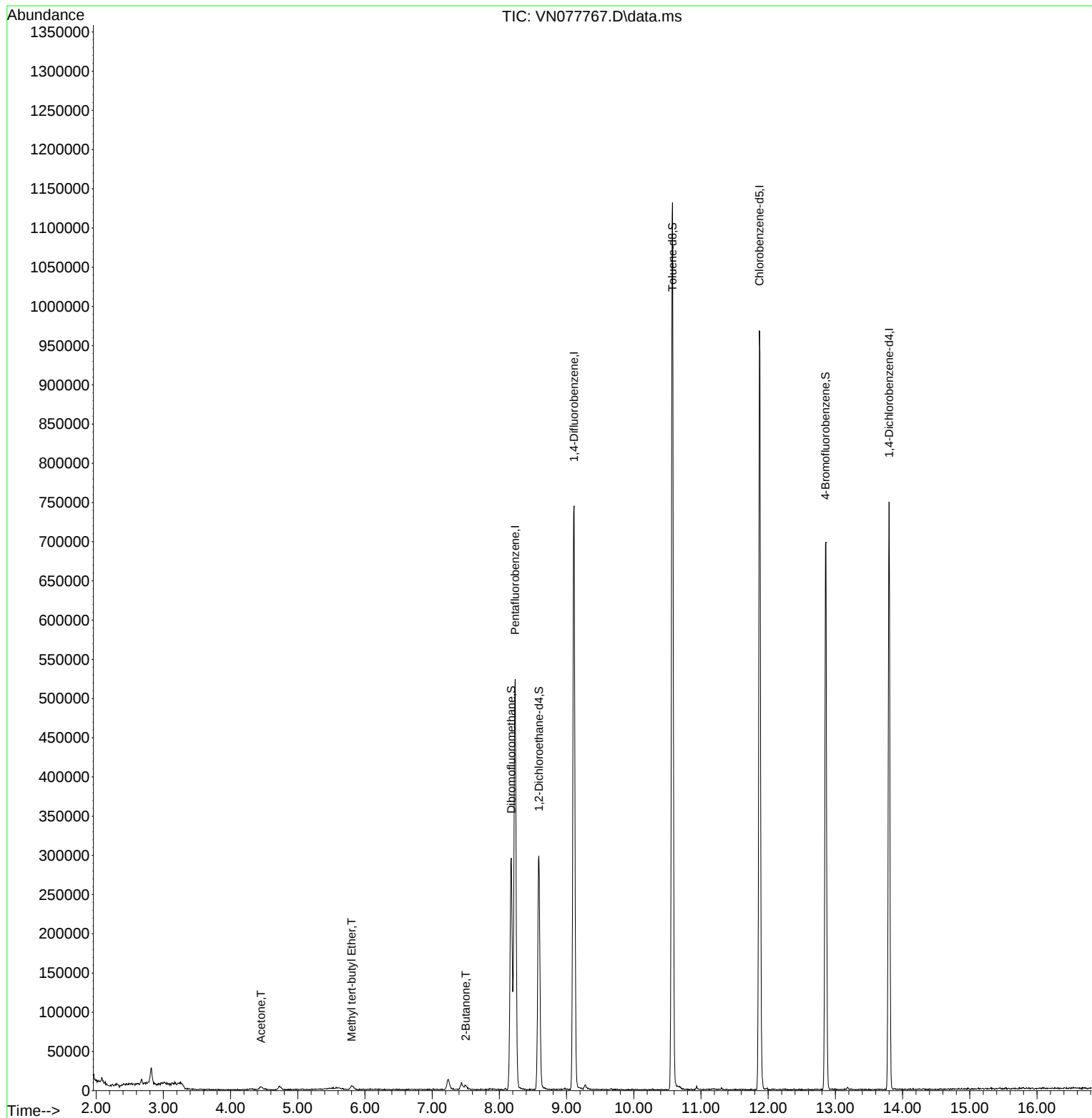
Internal Standards						
1) Pentafluorobenzene	8.236	168	377559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	679599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	586309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	249730	44.206	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.420%
35) Dibromofluoromethane	8.177	113	217110	48.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.577	98	821934	48.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.853	95	258988	42.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.980%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	7010	3.944	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	7061	0.491	ug/l #	69
25) 2-Butanone	7.500	43	9261	3.331	ug/l #	86

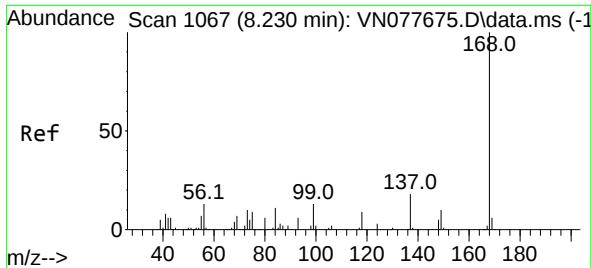
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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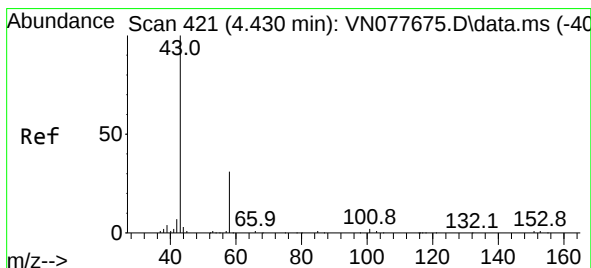
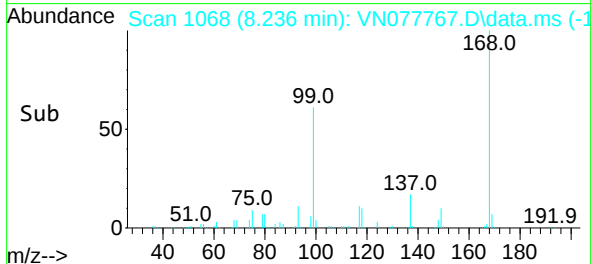
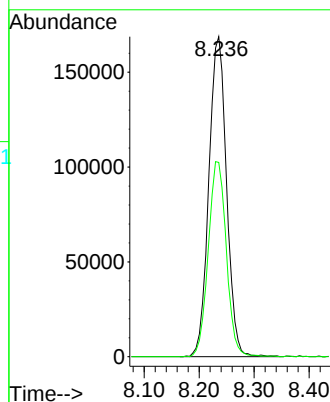
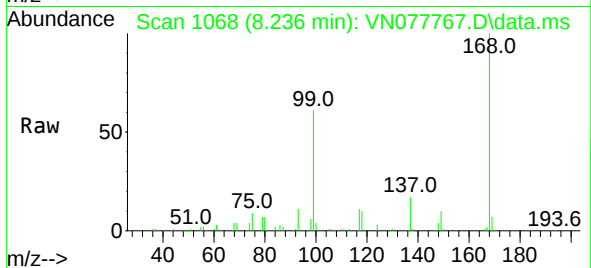




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN077767.D
Acq: 19 May 2023 16:24

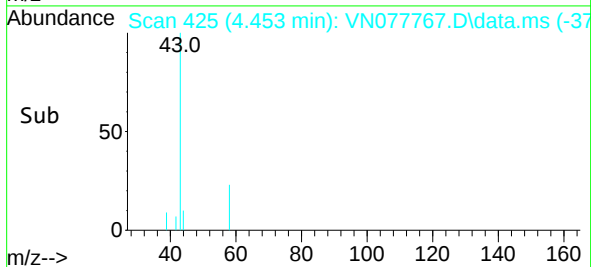
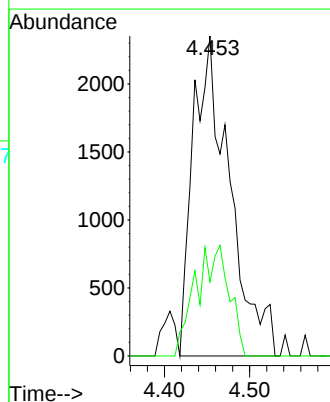
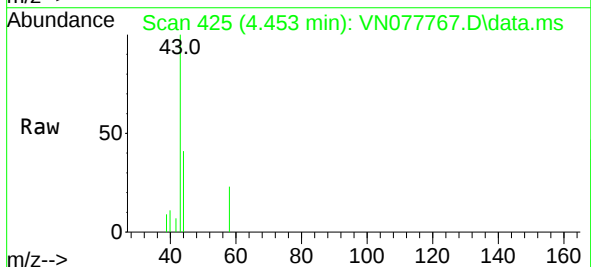
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-98-100

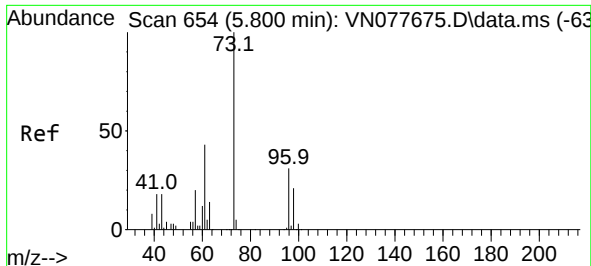
Tgt Ion:168 Resp: 377559
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#16
Acetone
Concen: 3.944 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN077767.D
Acq: 19 May 2023 16:24

Tgt Ion: 43 Resp: 7010
Ion Ratio Lower Upper
43 100
58 23.2 28.0 42.0#

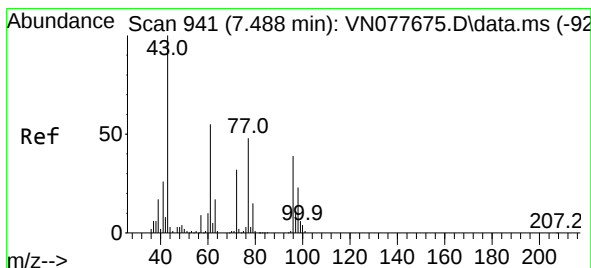
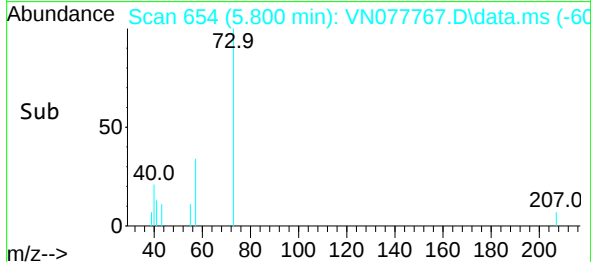
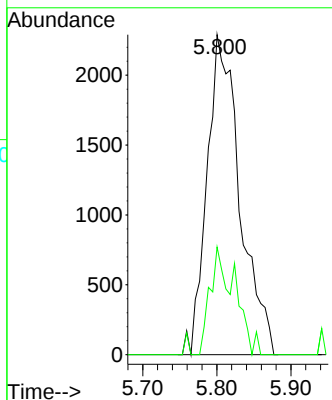
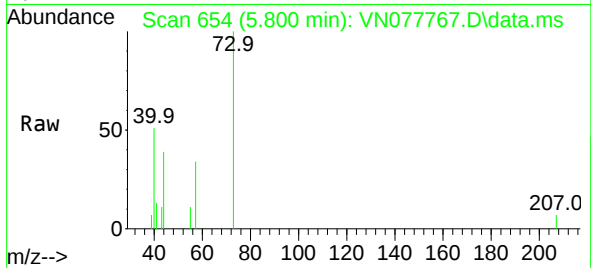




#19
Methyl tert-butyl Ether
Concen: 0.491 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077767.D
Acq: 19 May 2023 16:24

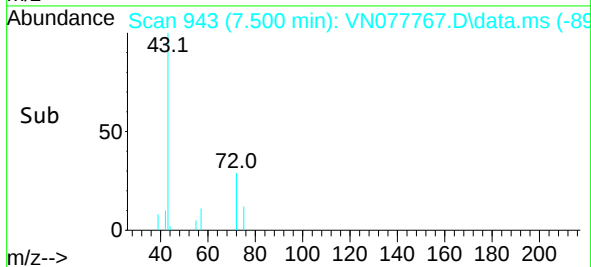
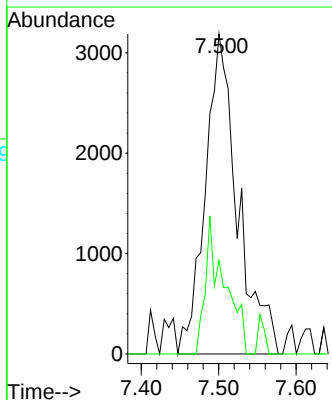
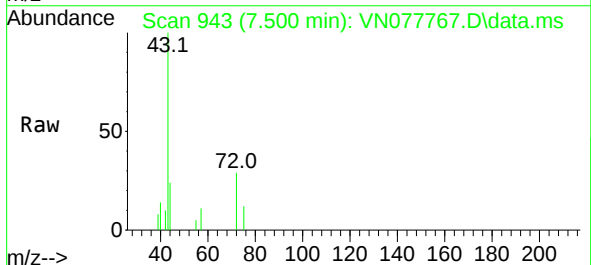
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-98-100

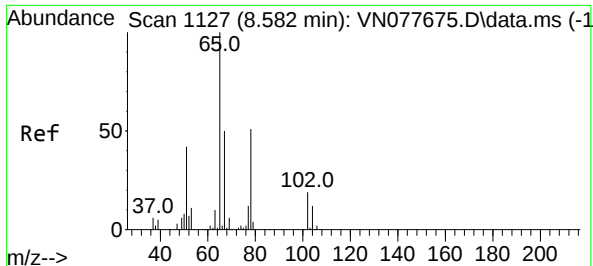
Tgt Ion: 73 Resp: 7061
Ion Ratio Lower Upper
73 100
57 33.6 15.6 23.4#



#25
2-Butanone
Concen: 3.331 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN077767.D
Acq: 19 May 2023 16:24

Tgt Ion: 43 Resp: 9261
Ion Ratio Lower Upper
43 100
72 29.1 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 44.206 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN07767.D

Acq: 19 May 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

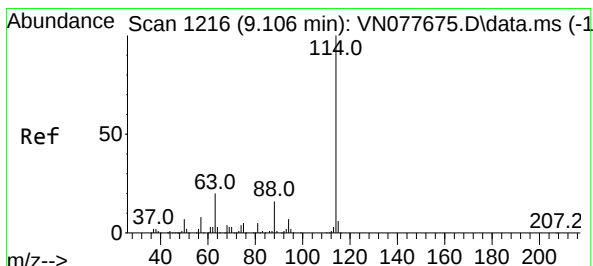
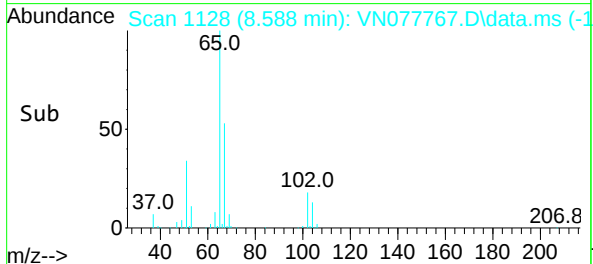
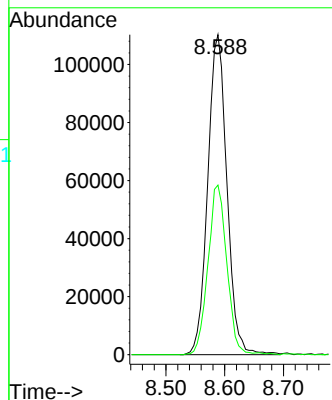
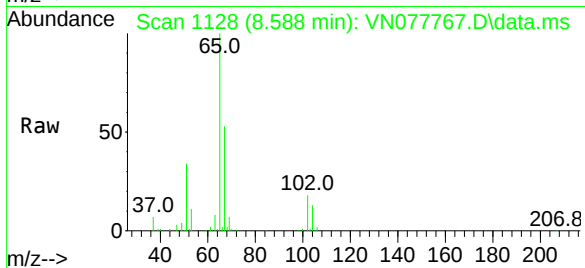
BP-VPB-RW11-GW-98-100

Tgt Ion: 65 Resp: 249730

Ion Ratio Lower Upper

65 100

67 52.2 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: VN07767.D

Acq: 19 May 2023 16:24

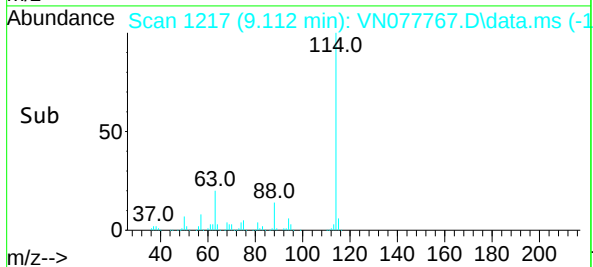
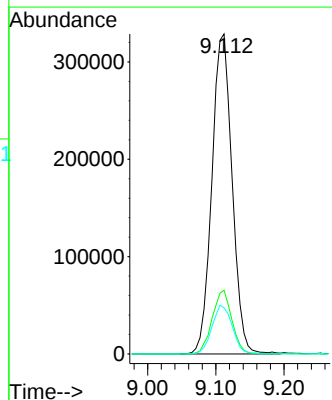
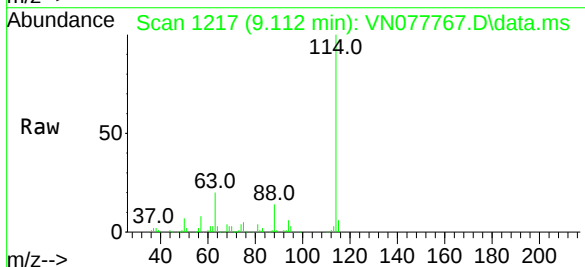
Tgt Ion: 114 Resp: 679599

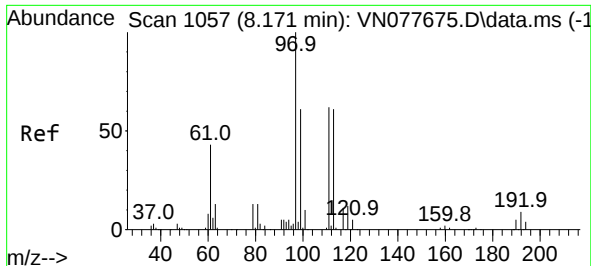
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.991 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN07767.D

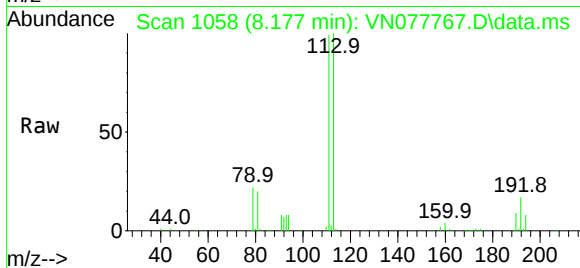
Acq: 19 May 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-98-100



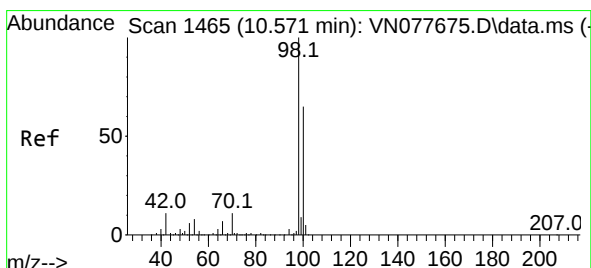
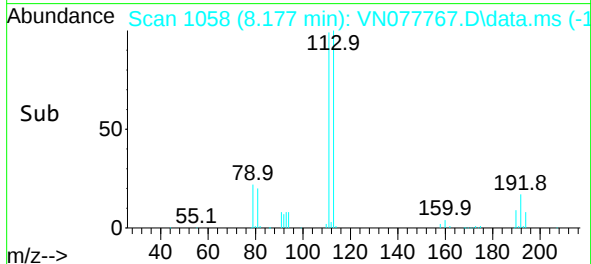
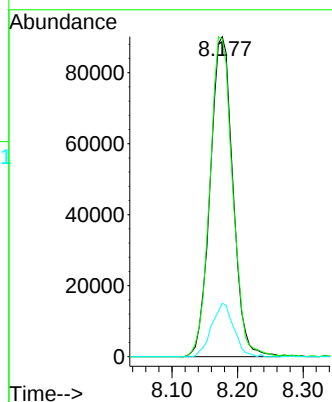
Tgt Ion:113 Resp: 217110

Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

192 16.3 12.7 19.1



#50

Toluene-d8

Concen: 48.186 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN07767.D

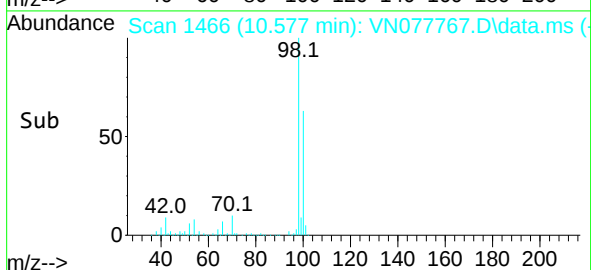
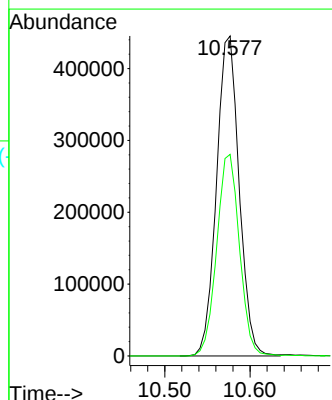
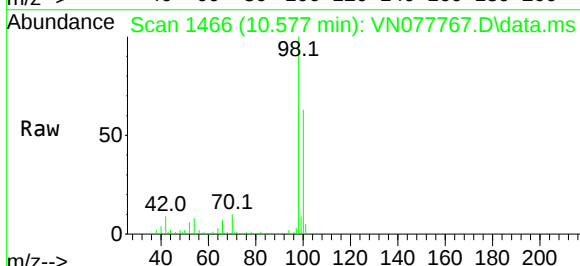
Acq: 19 May 2023 16:24

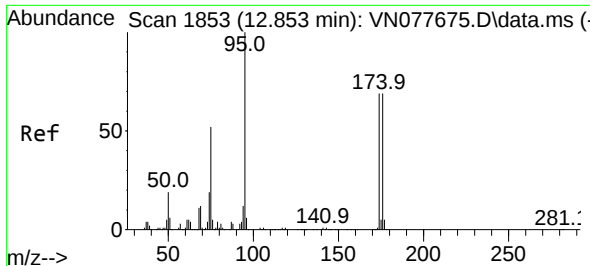
Tgt Ion: 98 Resp: 821934

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

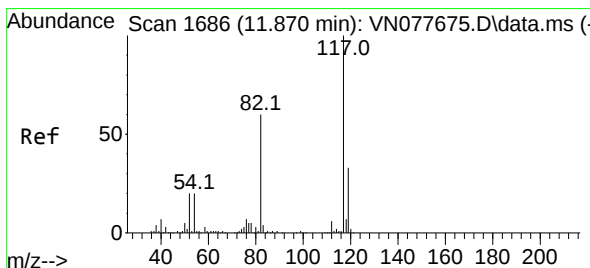
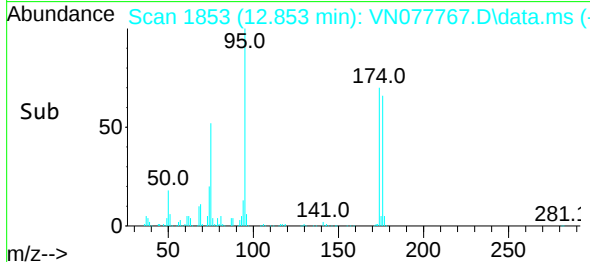
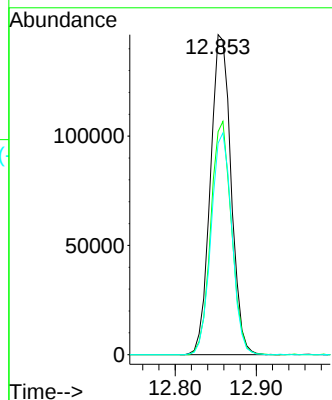
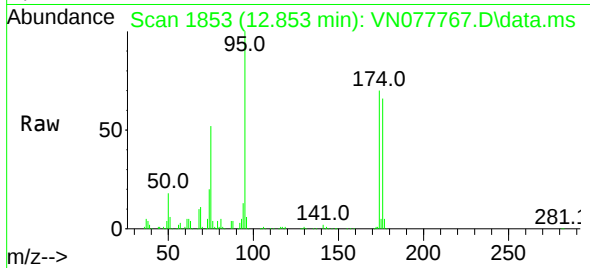




#62
4-Bromofluorobenzene
Concen: 42.990 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077767.D
Acq: 19 May 2023 16:24

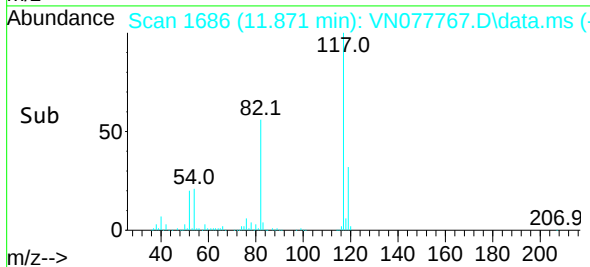
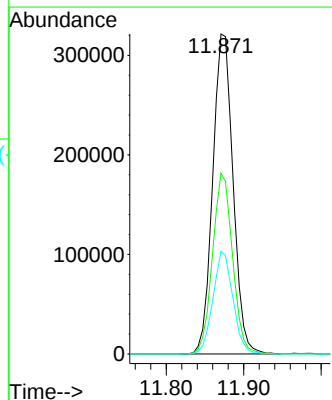
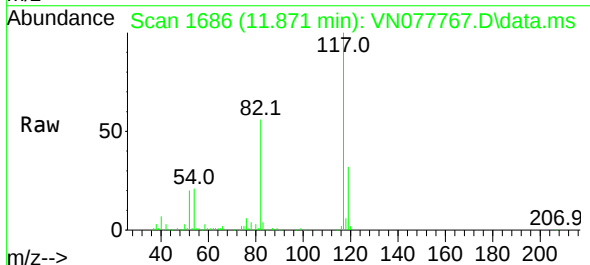
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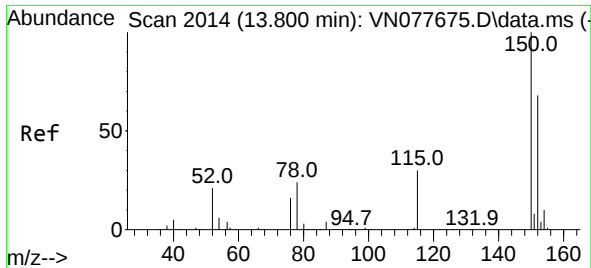
Tgt Ion: 95 Resp: 258988
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 69.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077767.D
Acq: 19 May 2023 16:24

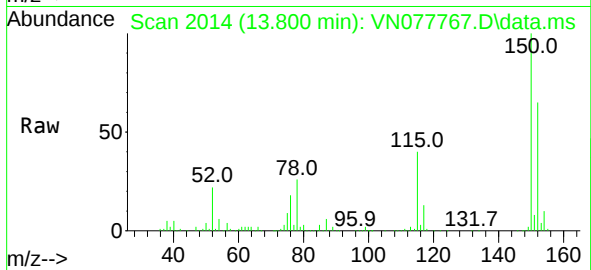
Tgt Ion: 117 Resp: 586309
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN07767.D
 Acq: 19 May 2023 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-98-100



Tgt Ion:152 Resp: 197511
 Ion Ratio Lower Upper
 152 100
 115 63.2 32.3 96.8
 150 157.8 0.0 355.8

