

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076757.D
 Acq On : 21 Feb 2023 18:01
 Operator : JC\MD
 Sample : 01641-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-26-GW01

Quant Time: Feb 22 04:13:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

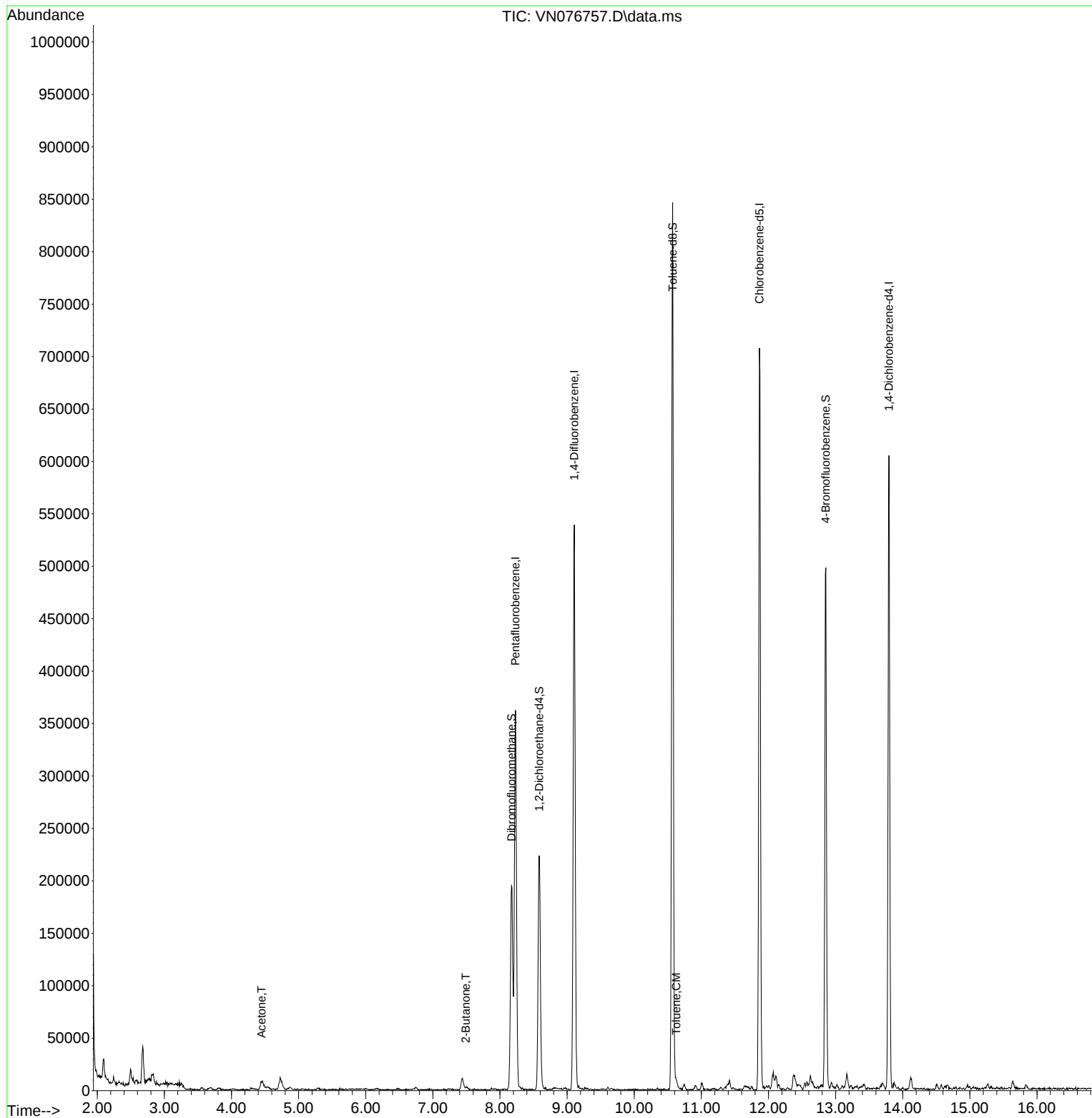
Internal Standards						
1) Pentafluorobenzene	8.231	168	249287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	437750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	392280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	150756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	177194	51.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.960%
35) Dibromofluoromethane	8.172	113	137023	47.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	10.572	98	548128	51.198	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.854	95	156961	44.266	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.540%
Target Compounds						
						Qvalue
16) Acetone	4.449	43	16676	10.845	ug/l #	77
25) 2-Butanone	7.490	43	3870	1.706	ug/l	94
52) Toluene	10.625	92	2697	0.351	ug/l	94

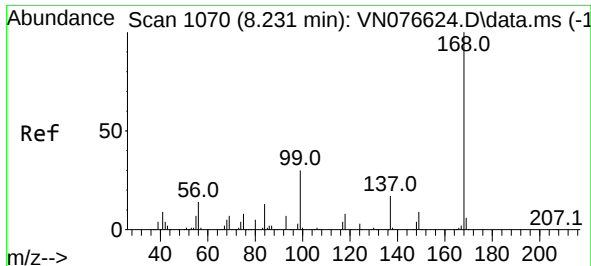
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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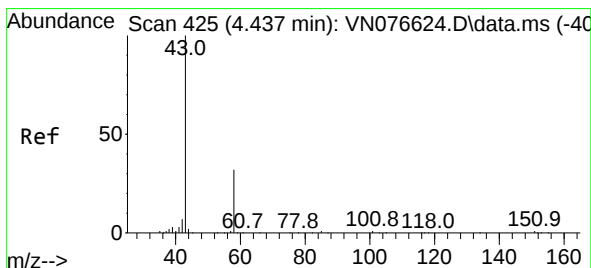
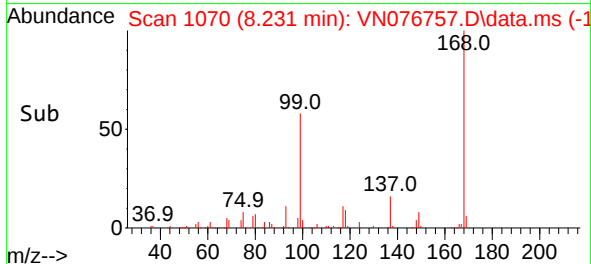
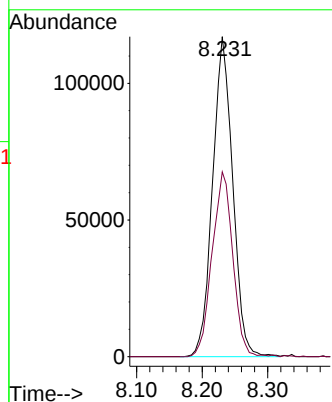
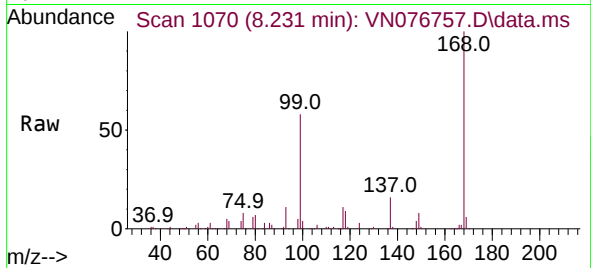




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076757.D
Acq: 21 Feb 2023 18:01

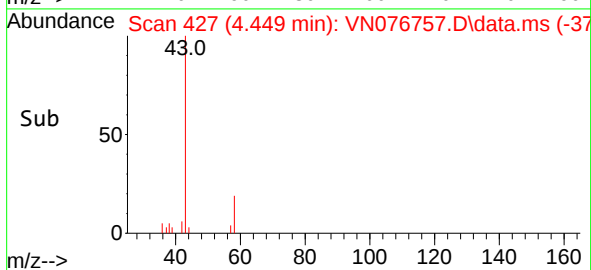
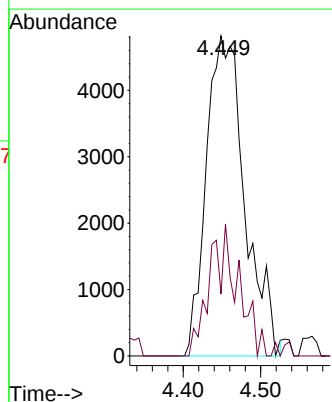
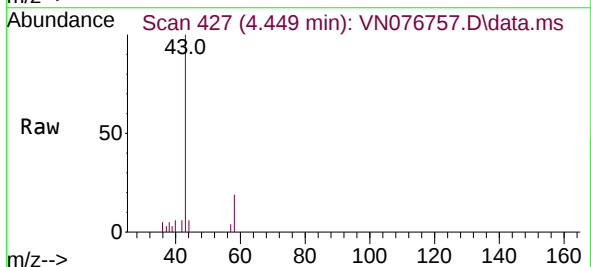
Instrument :
MSVOA_N
ClientSampleId :
B-26-GW01

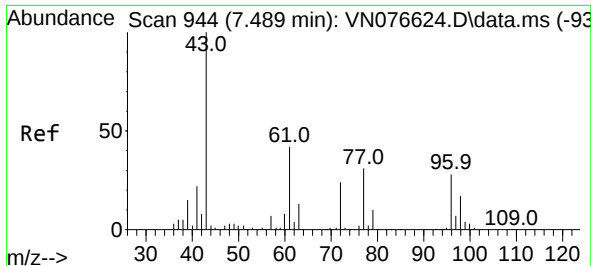
Tgt Ion:168 Resp: 249287
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2



#16
Acetone
Concen: 10.845 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076757.D
Acq: 21 Feb 2023 18:01

Tgt Ion: 43 Resp: 16676
Ion Ratio Lower Upper
43 100
58 19.4 25.9 38.9#

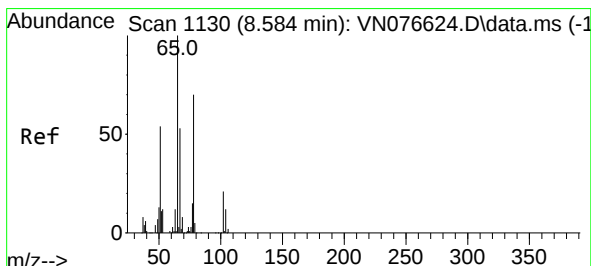
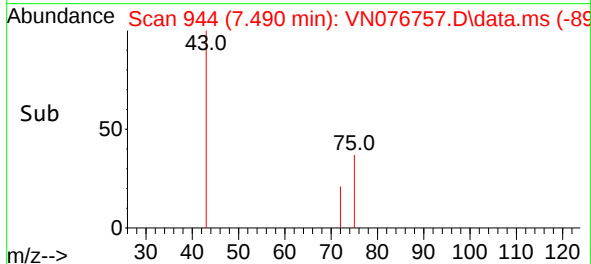
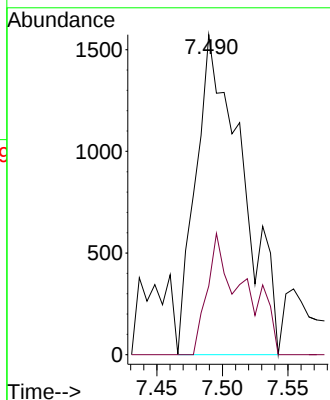
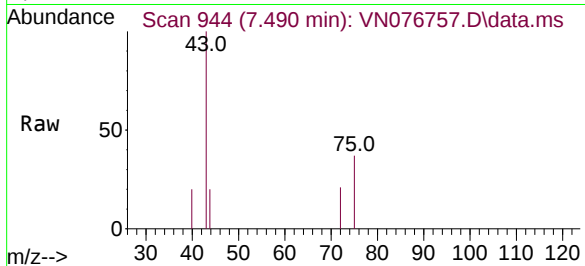




#25
2-Butanone
Concen: 1.706 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN076757.D
Acq: 21 Feb 2023 18:01

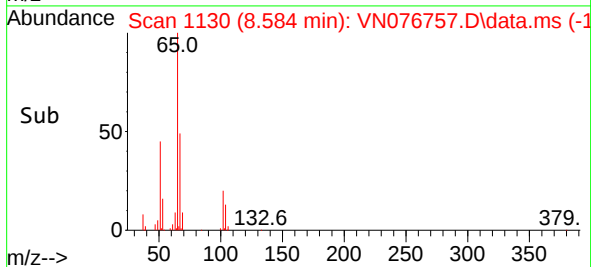
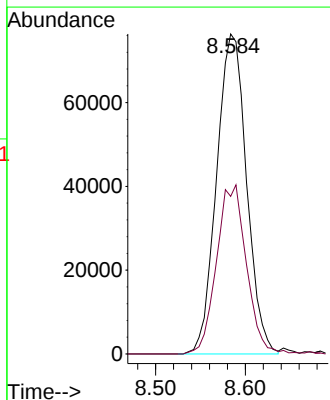
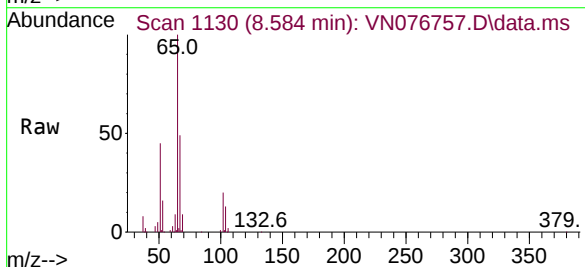
Instrument :
MSVOA_N
ClientSampleId :
B-26-GW01

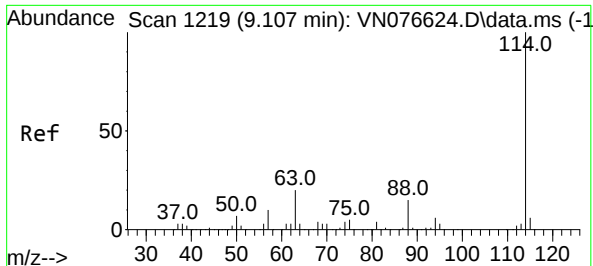
Tgt Ion: 43 Resp: 3870
Ion Ratio Lower Upper
43 100
72 21.5 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 51.476 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076757.D
Acq: 21 Feb 2023 18:01

Tgt Ion: 65 Resp: 177194
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076757.D

Acq: 21 Feb 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

B-26-GW01

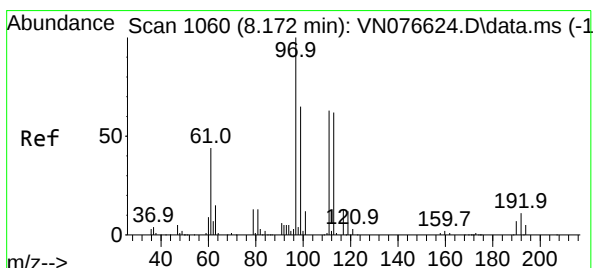
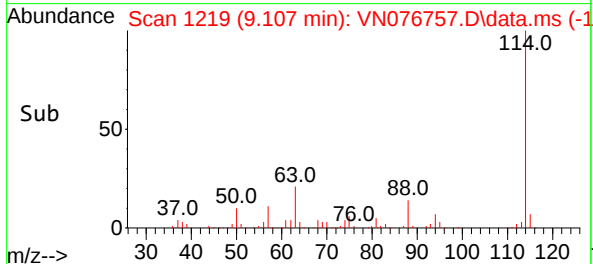
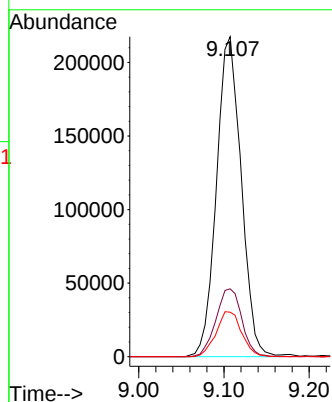
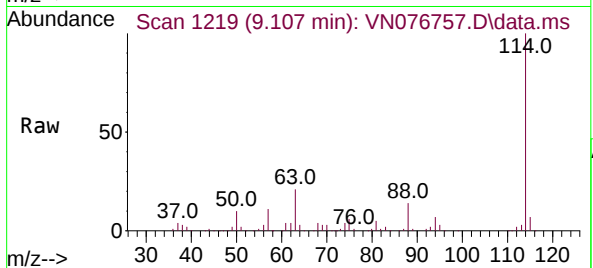
Tgt Ion:114 Resp: 437750

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 13.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.797 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076757.D

Acq: 21 Feb 2023 18:01

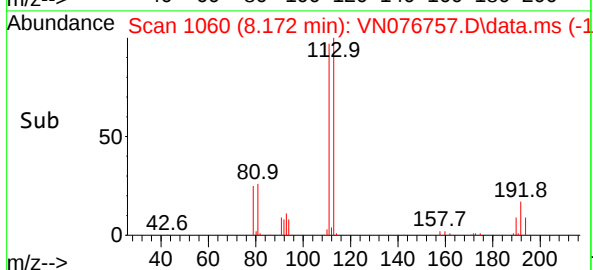
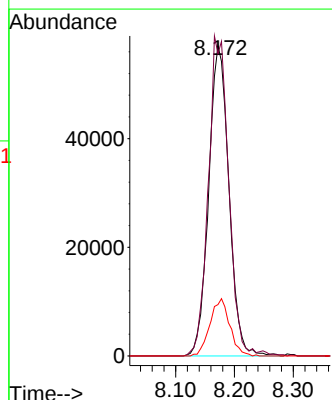
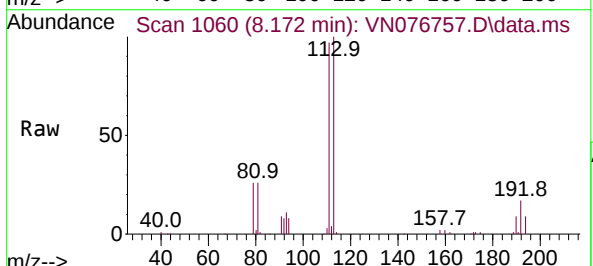
Tgt Ion:113 Resp: 137023

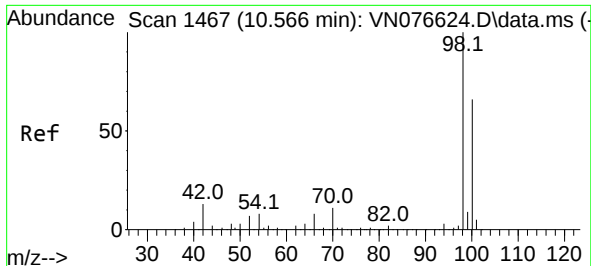
Ion Ratio Lower Upper

113 100

111 104.0 83.1 124.7

192 18.1 15.6 23.4

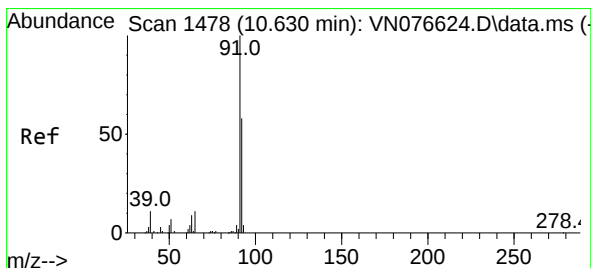
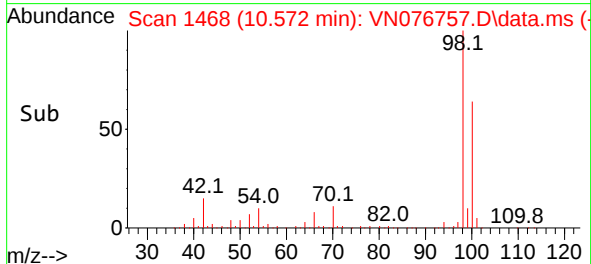
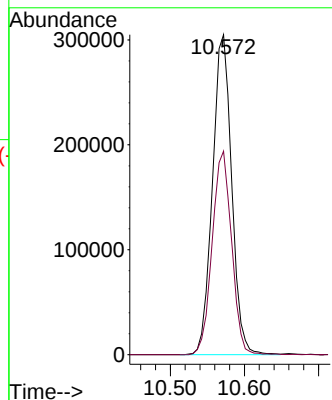
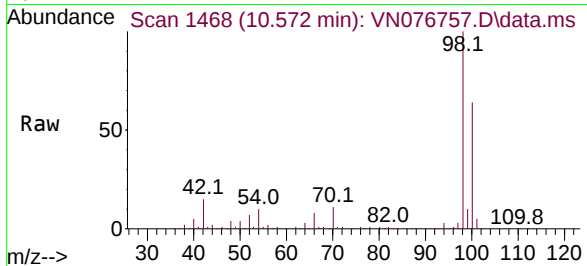




#50
Toluene-d8
Concen: 51.198 ug/l
RT: 10.572 min Scan# 1467
Delta R.T. 0.006 min
Lab File: VN076757.D
Acq: 21 Feb 2023 18:01

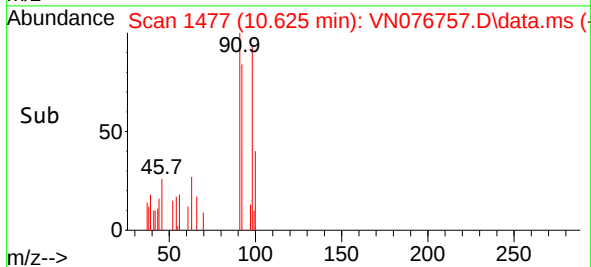
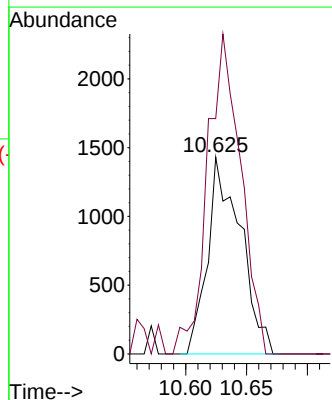
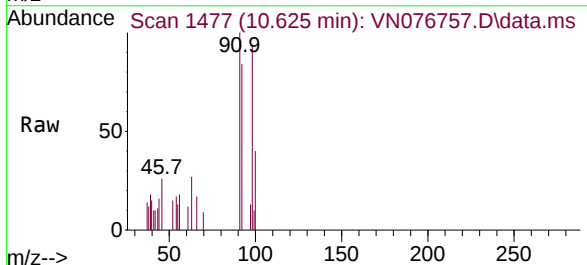
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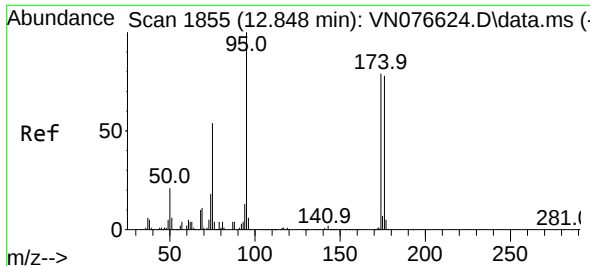
Tgt Ion: 98 Resp: 548128
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#52
Toluene
Concen: 0.351 ug/l
RT: 10.625 min Scan# 1477
Delta R.T. -0.005 min
Lab File: VN076757.D
Acq: 21 Feb 2023 18:01

Tgt Ion: 92 Resp: 2697
Ion Ratio Lower Upper
92 100
91 164.5 138.0 207.0

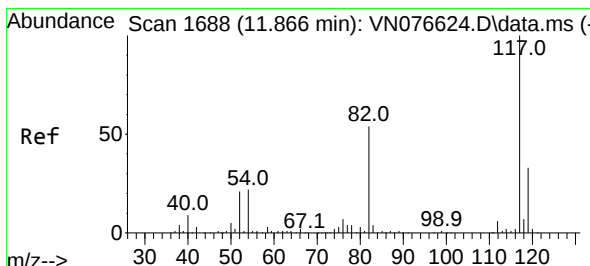
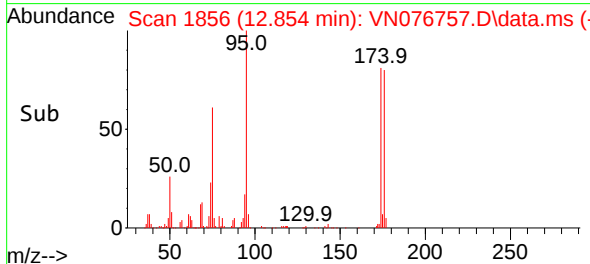
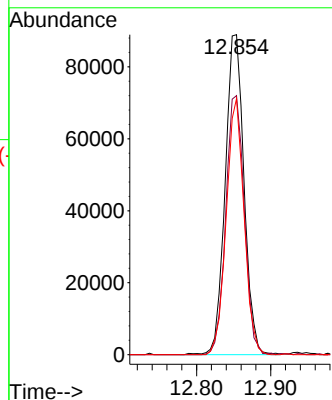
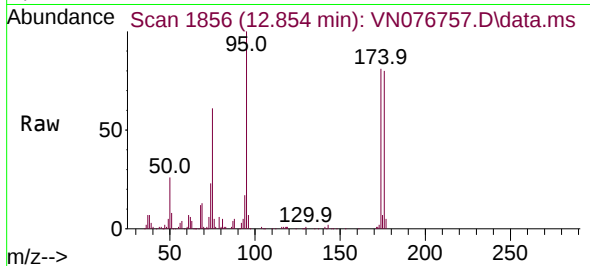




#62
4-Bromofluorobenzene
Concen: 44.266 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076757.D
Acq: 21 Feb 2023 18:01

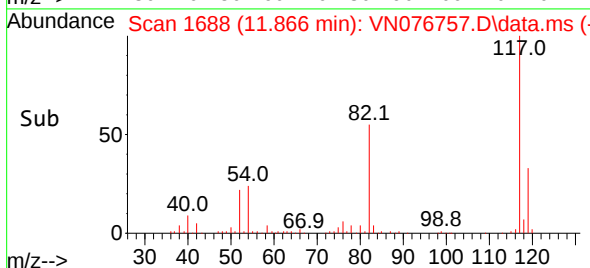
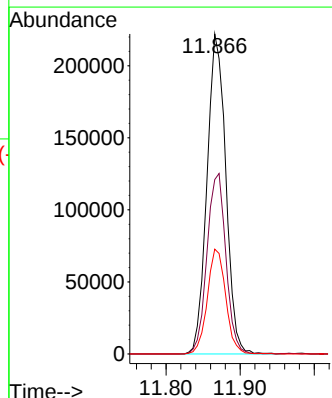
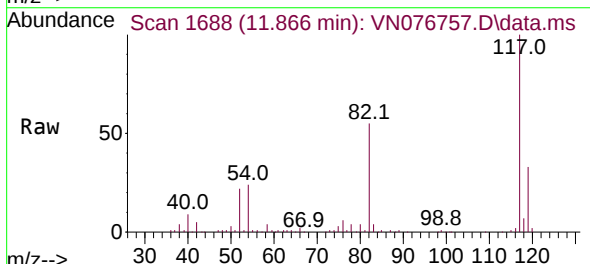
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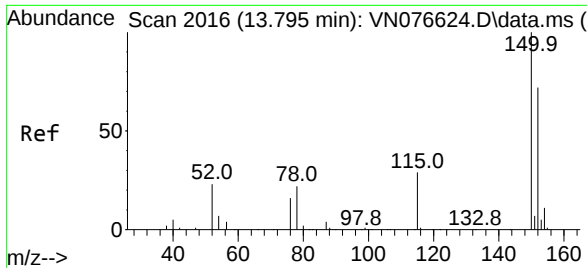
Tgt Ion: 95 Resp: 156961
Ion Ratio Lower Upper
95 100
174 79.7 0.0 169.2
176 75.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076757.D
Acq: 21 Feb 2023 18:01

Tgt Ion: 117 Resp: 392280
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.2
119 32.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN076757.D
 Acq: 21 Feb 2023 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 B-26-GW01

Tgt Ion:152 Resp: 150756
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.3 87.9
 150 155.7 0.0 349.8

