

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080037.D
 Acq On : 09 Nov 2023 21:22
 Operator : JC\MD
 Sample : 05311-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Nov 10 00:42:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

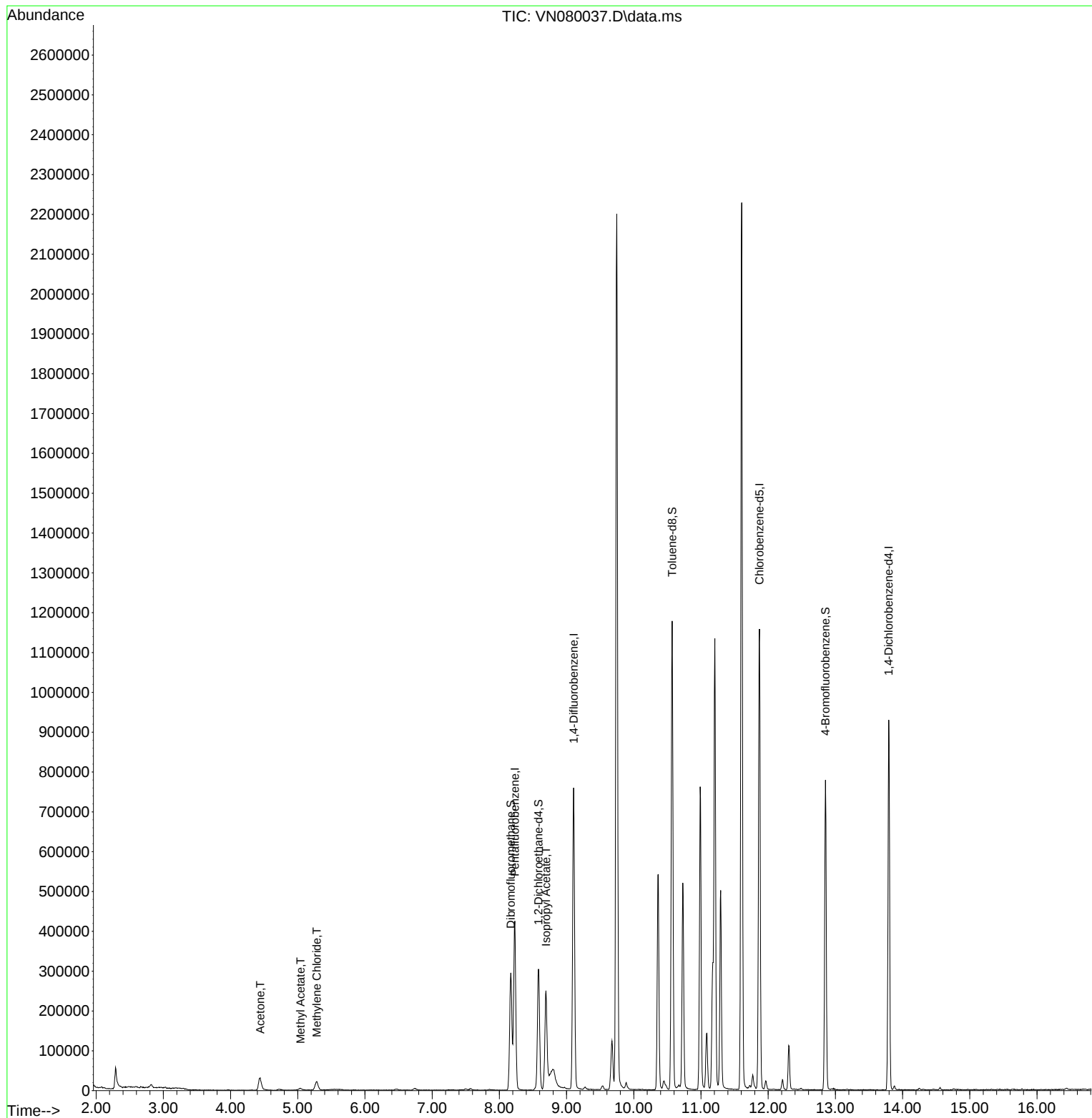
Internal Standards						
1) Pentafluorobenzene	8.229	168	294589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	626012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	664734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	254565	56.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.440%
35) Dibromofluoromethane	8.171	113	215703	48.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	10.570	98	800182	49.058	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.853	95	268860	49.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.400%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	60543	38.403	ug/l	91
18) Methyl Acetate	5.041	43	9852	1.306	ug/l #	79
20) Methylene Chloride	5.283	84	16552	4.161	ug/l #	87
43) Isopropyl Acetate	8.694	43	286710	28.178	ug/l #	79

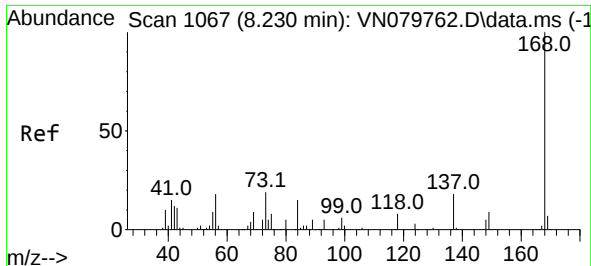
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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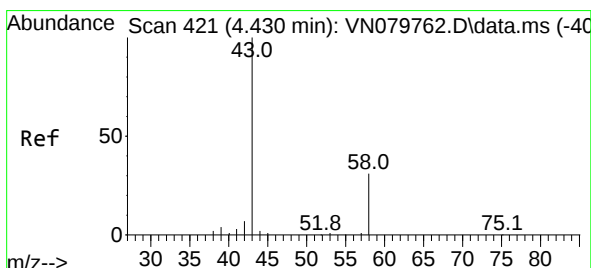
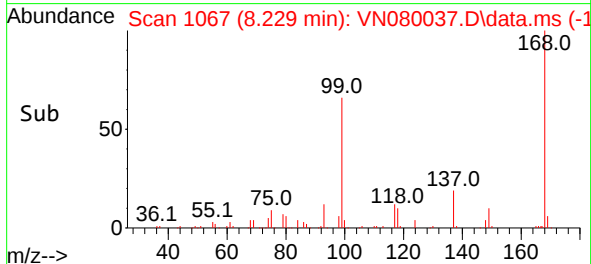
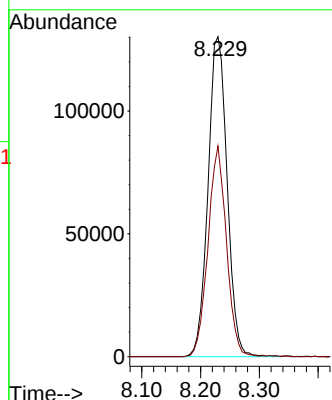
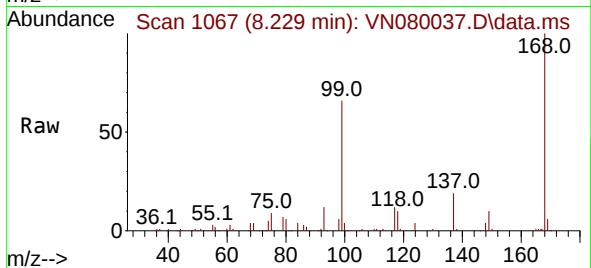




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN080037.D
Acq: 09 Nov 2023 21:22

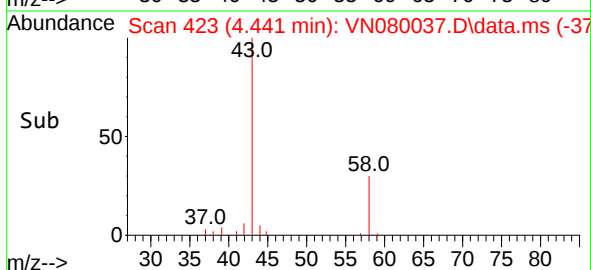
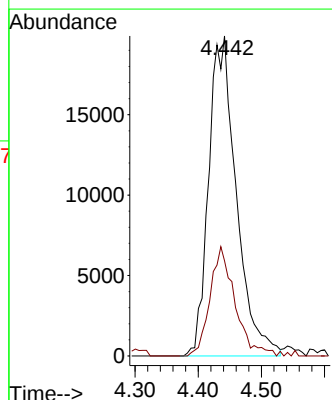
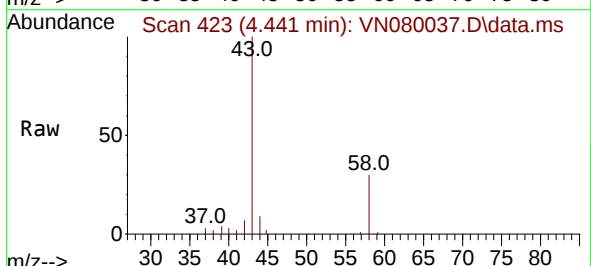
Instrument :
MSVOA_N
ClientSampleId :
TP-4

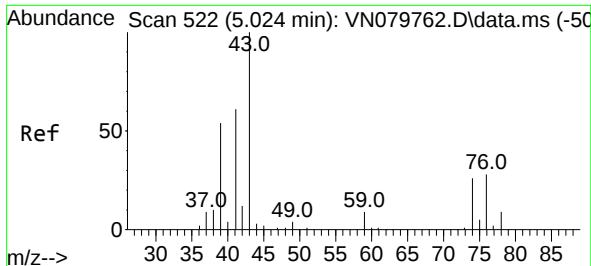
Tgt Ion:168 Resp: 294589
Ion Ratio Lower Upper
168 100
99 65.8 53.0 79.6



#16
Acetone
Concen: 38.403 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN080037.D
Acq: 09 Nov 2023 21:22

Tgt Ion: 43 Resp: 60543
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0

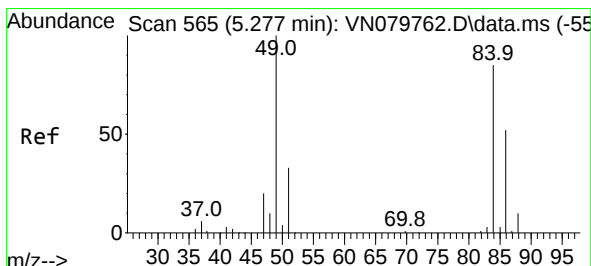
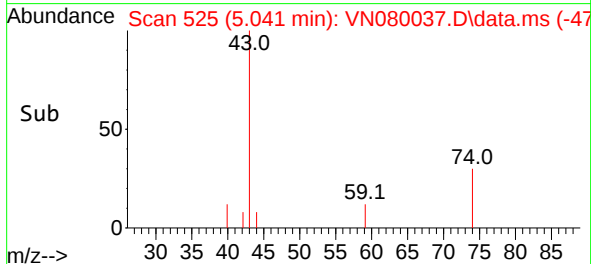
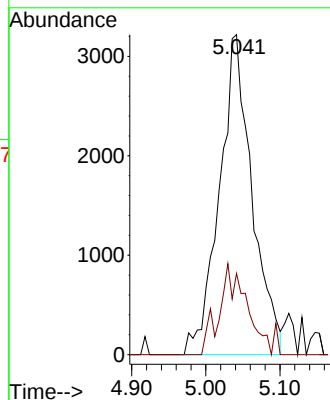
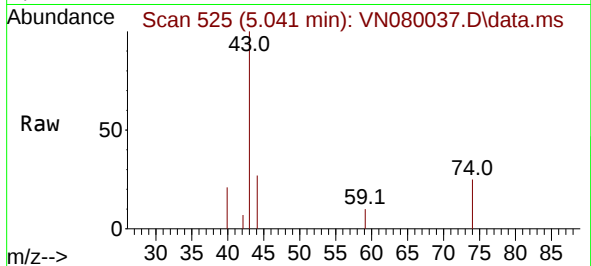




#18
Methyl Acetate
Concen: 1.306 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080037.D
Acq: 09 Nov 2023 21:22

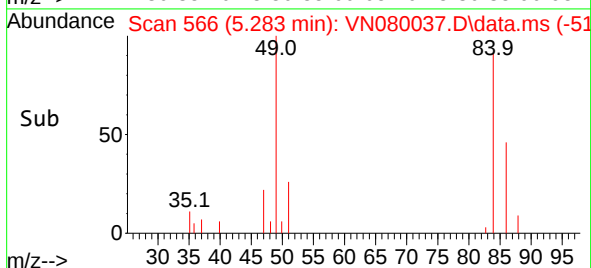
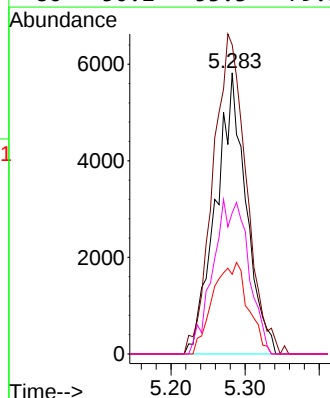
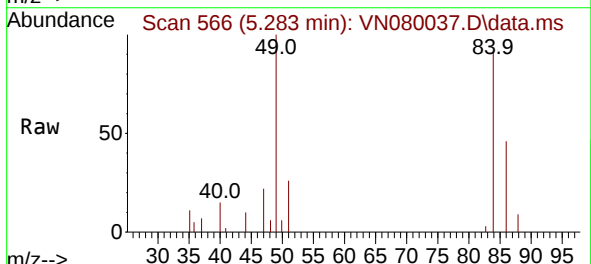
Instrument :
MSVOA_N
ClientSampleId :
TP-4

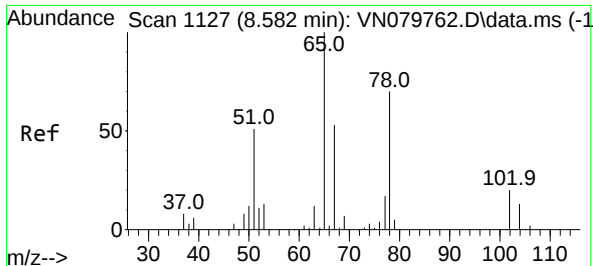
Tgt Ion: 43 Resp: 9852
Ion Ratio Lower Upper
43 100
74 20.8 26.2 39.4#



#20
Methylene Chloride
Concen: 4.161 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080037.D
Acq: 09 Nov 2023 21:22

Tgt Ion: 84 Resp: 16552
Ion Ratio Lower Upper
84 100
49 109.9 79.7 119.5
51 28.3 25.2 37.8
86 50.2 53.3 79.9#





#33

1,2-Dichloroethane-d4

Concen: 56.719 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080037.D

Acq: 09 Nov 2023 21:22

Instrument :

MSVOA_N

ClientSampleId :

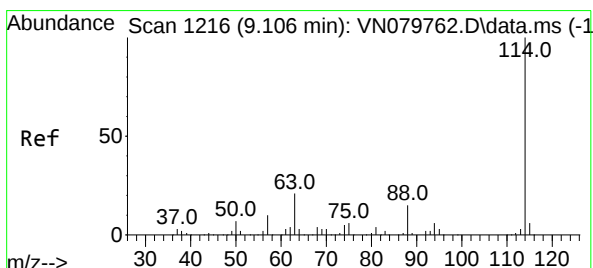
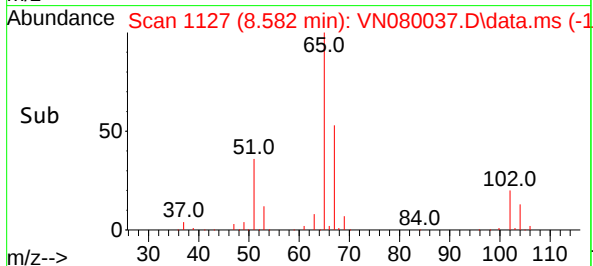
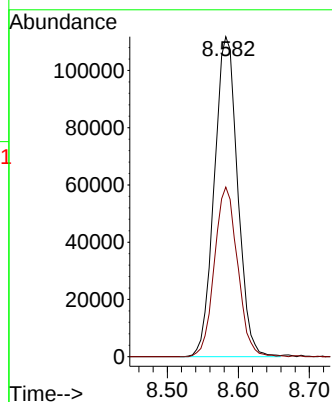
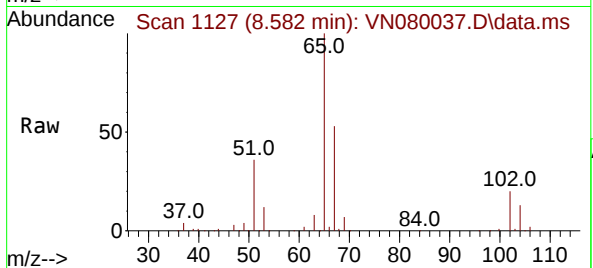
TP-4

Tgt Ion: 65 Resp: 254565

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080037.D

Acq: 09 Nov 2023 21:22

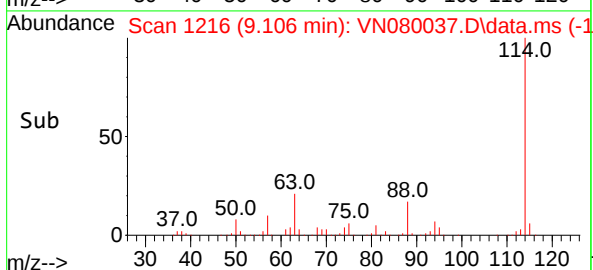
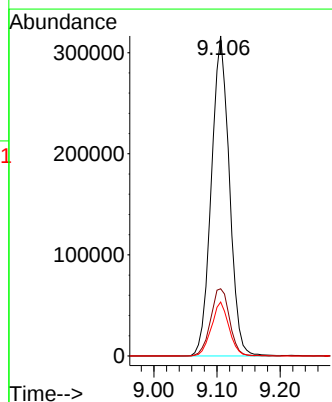
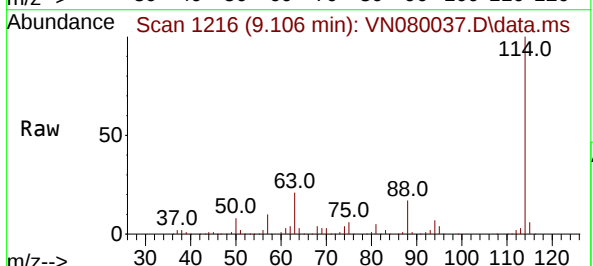
Tgt Ion: 114 Resp: 626012

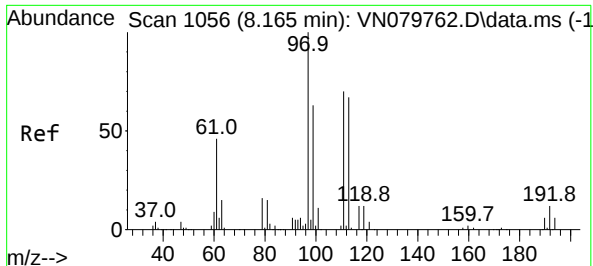
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 16.9 0.0 30.6

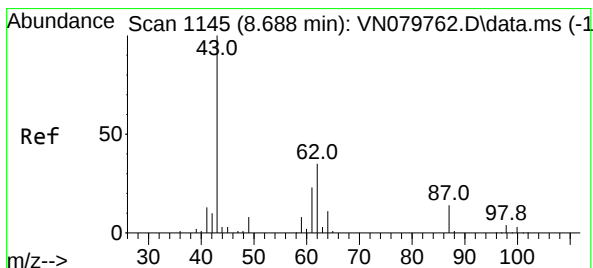
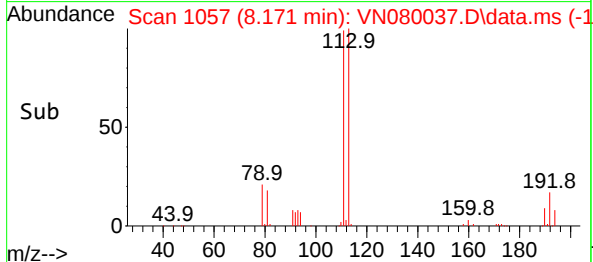
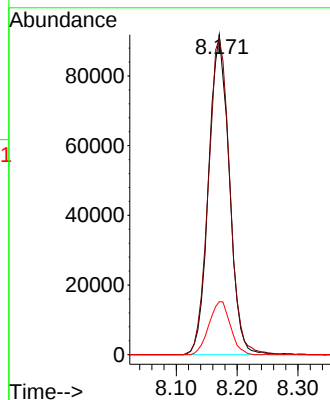
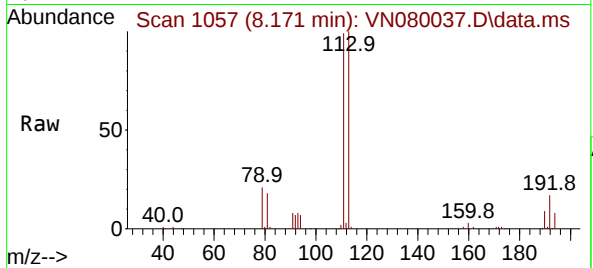




#35
Dibromofluoromethane
Concen: 48.684 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN080037.D
Acq: 09 Nov 2023 21:22

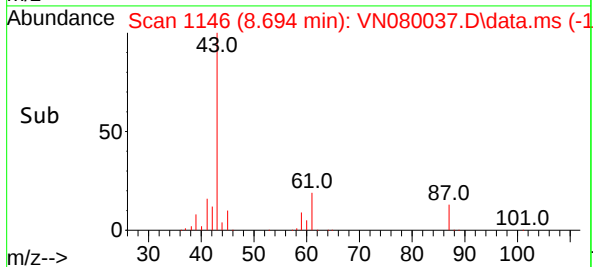
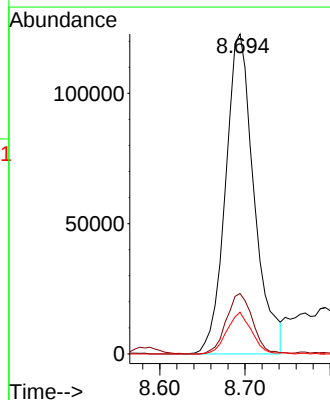
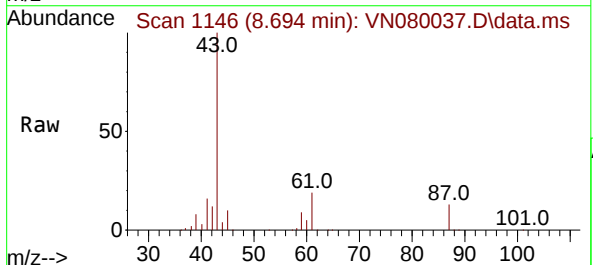
Instrument :
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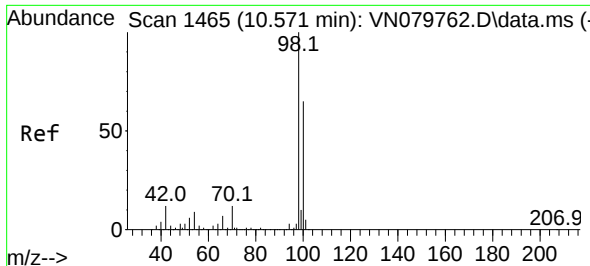
Tgt Ion:113 Resp: 215703
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 17.2 12.7 19.1



#43
Isopropyl Acetate
Concen: 28.178 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080037.D
Acq: 09 Nov 2023 21:22

Tgt Ion: 43 Resp: 286710
Ion Ratio Lower Upper
43 100
61 17.4 24.7 37.1#
87 11.3 14.6 21.8#

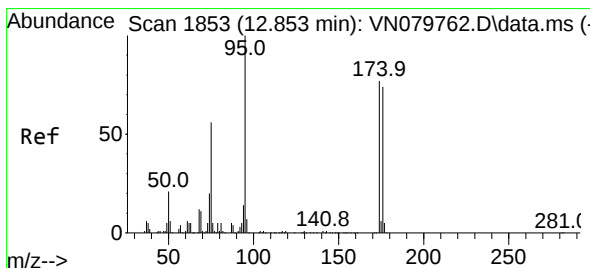
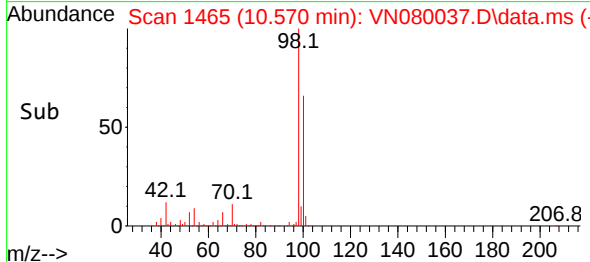
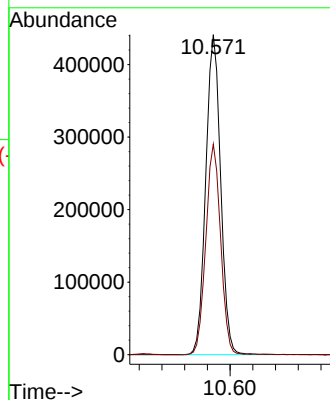
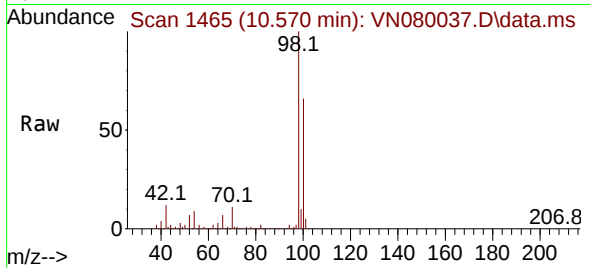




#50
Toluene-d8
Concen: 49.058 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080037.D
Acq: 09 Nov 2023 21:22

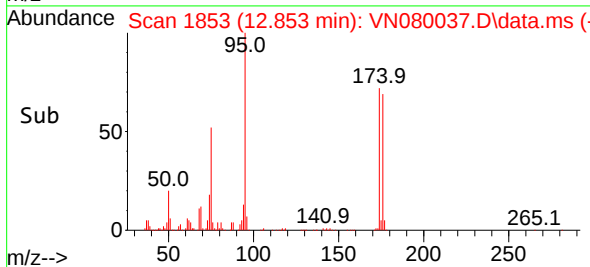
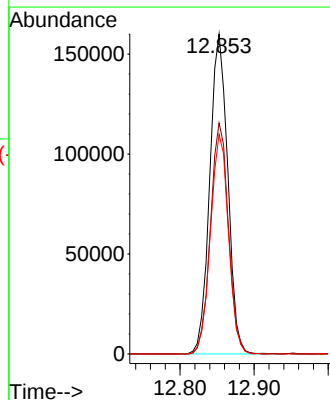
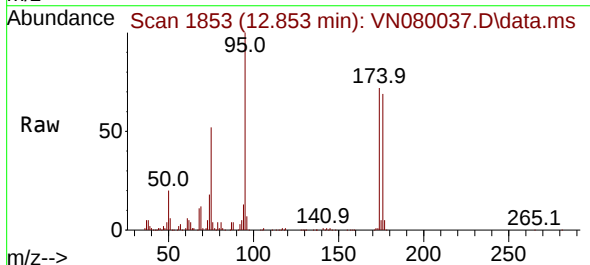
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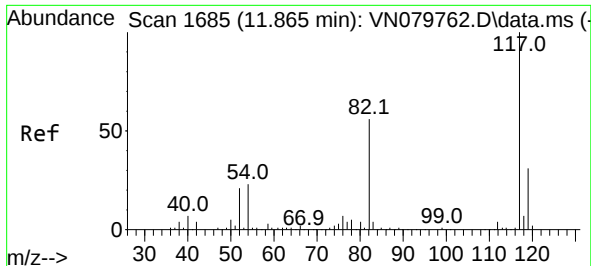
Tgt Ion: 98 Resp: 800182
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.701 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080037.D
Acq: 09 Nov 2023 21:22

Tgt Ion: 95 Resp: 268860
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 68.8 0.0 135.8

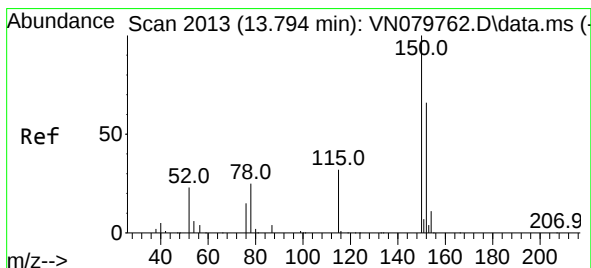
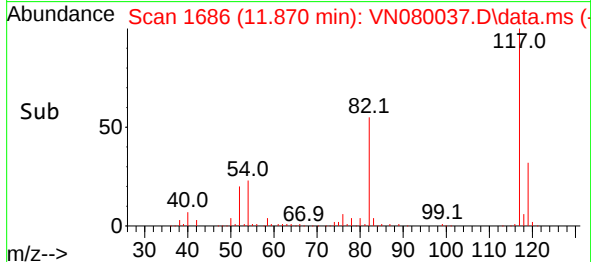
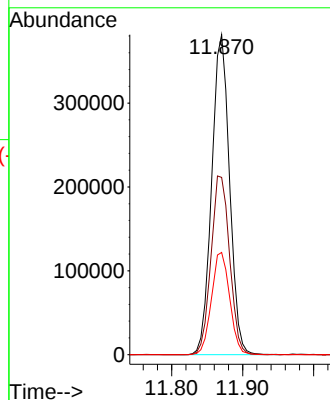
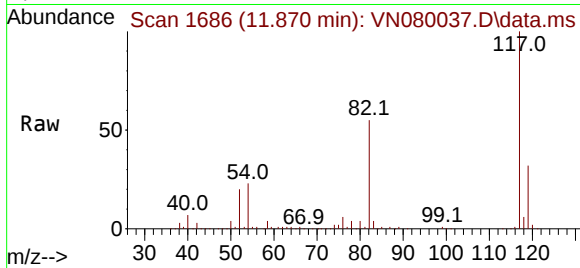




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080037.D
Acq: 09 Nov 2023 21:22

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 664734
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080037.D
Acq: 09 Nov 2023 21:22

Tgt Ion:152 Resp: 243211
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 157.9 0.0 355.8

