

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082908.D
 Acq On : 12 Jul 2024 18:42
 Operator : JC\MD
 Sample : P3224-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 356STEVEN-7

Quant Time: Jul 15 01:17:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

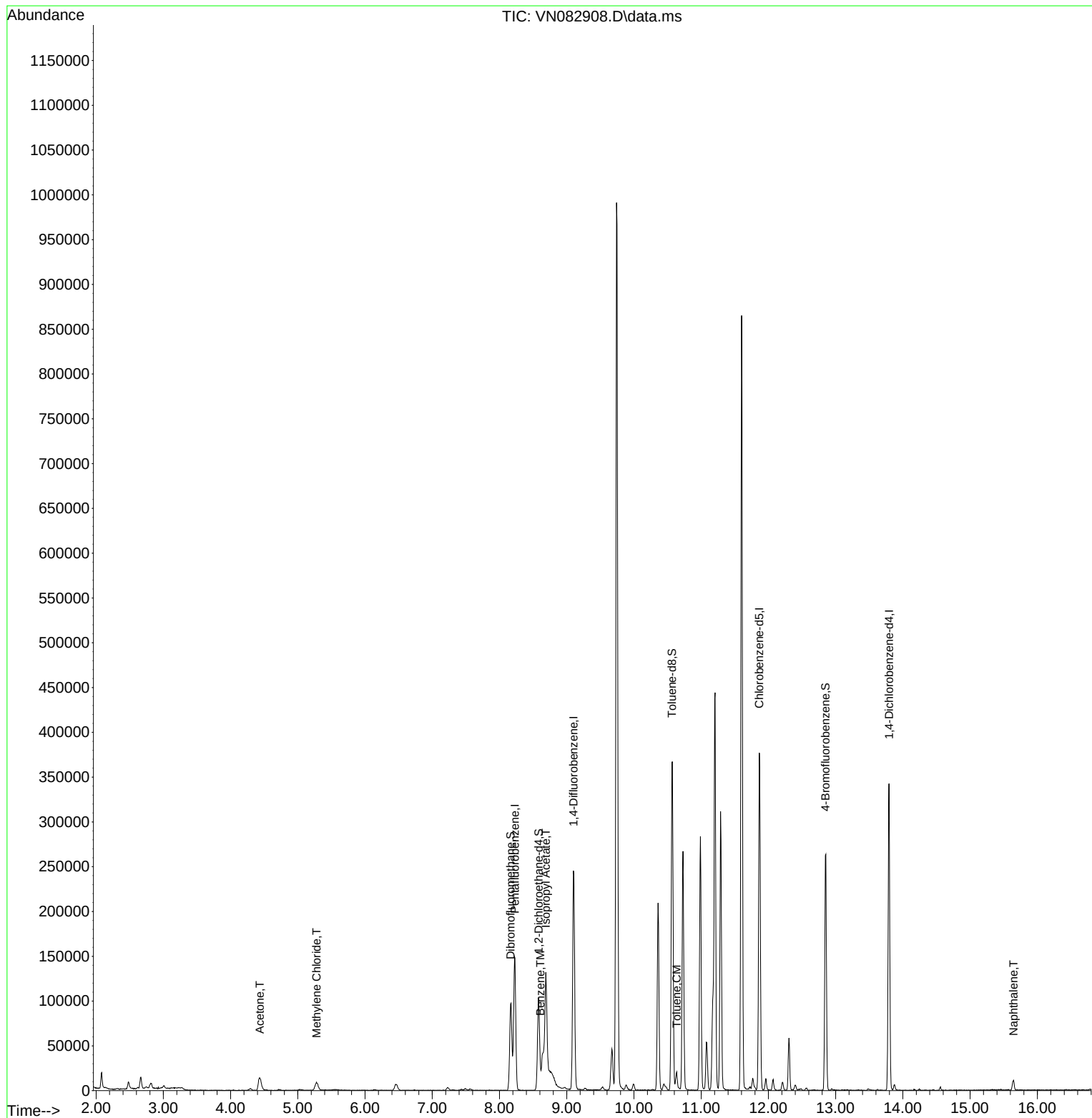
Internal Standards						
1) Pentafluorobenzene	8.230	168	105412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	209370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	81601	55.223	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.440%	
35) Dibromofluoromethane	8.165	113	69553	51.771	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.540%	
50) Toluene-d8	10.565	98	256597	51.711	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	12.847	95	88870	49.859	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	28992	55.727	ug/l	99
20) Methylene Chloride	5.277	84	7002	5.573	ug/l #	81
40) Benzene	8.606	78	10593	1.859	ug/l	97
43) Isopropyl Acetate	8.688	43	222721	63.432	ug/l #	79
52) Toluene	10.635	92	8116	2.280	ug/l	98
95) Naphthalene	15.647	128	11173	2.093	ug/l	98

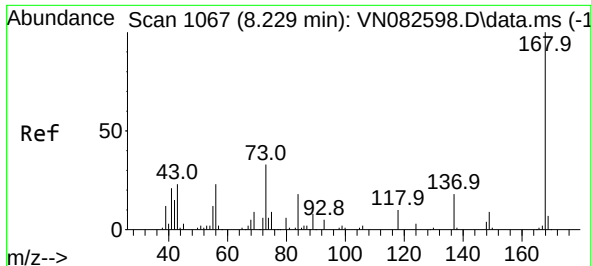
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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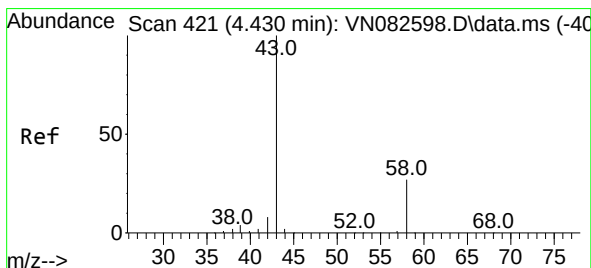
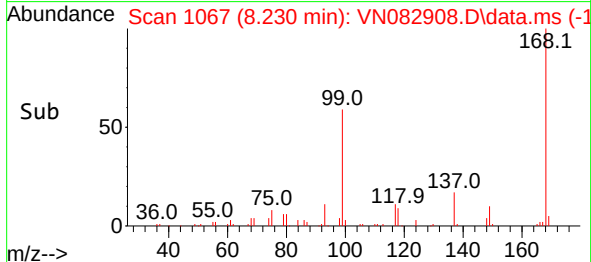
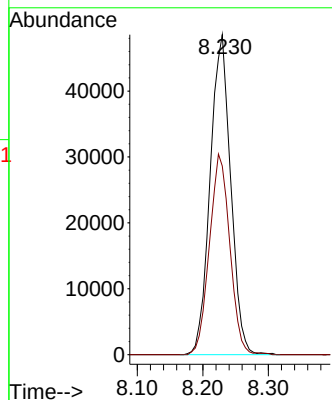
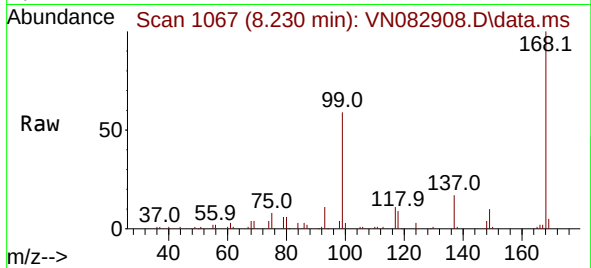




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

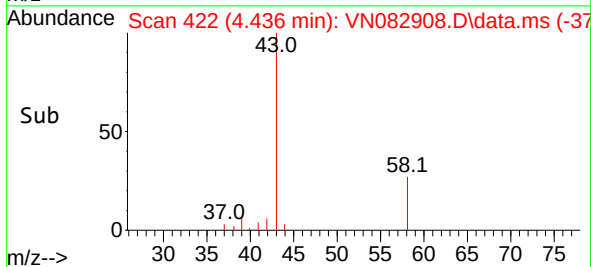
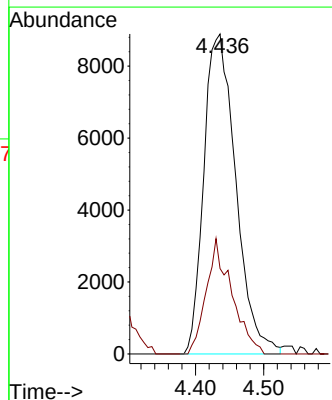
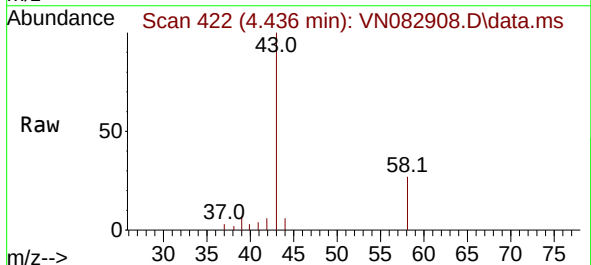
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-7

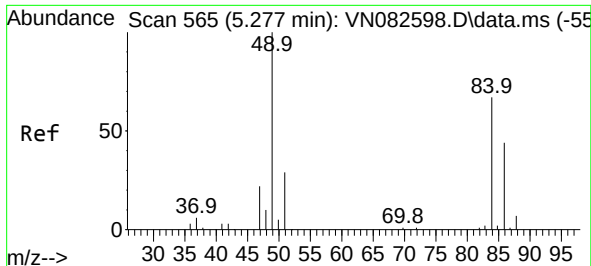
Tgt Ion:168 Resp: 105412
Ion Ratio Lower Upper
168 100
99 59.0 48.2 72.4



#16
Acetone
Concen: 55.727 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

Tgt Ion: 43 Resp: 28992
Ion Ratio Lower Upper
43 100
58 26.7 21.8 32.6

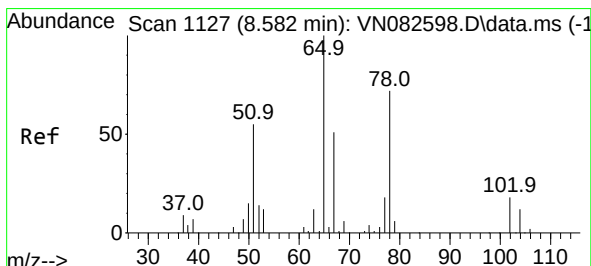
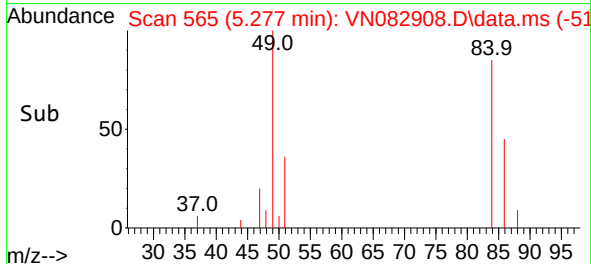
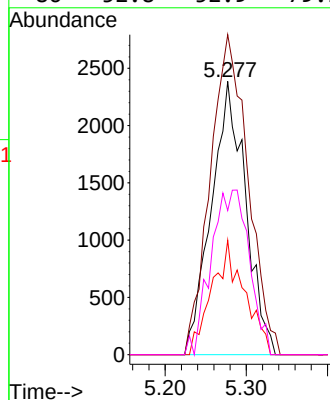
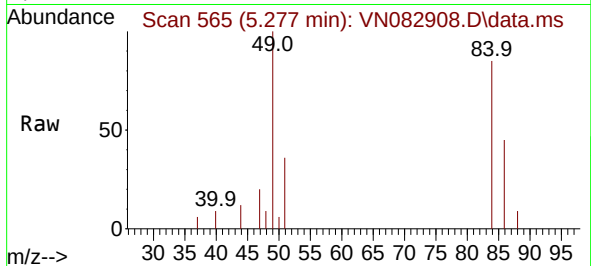




#20
Methylene Chloride
Concen: 5.573 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

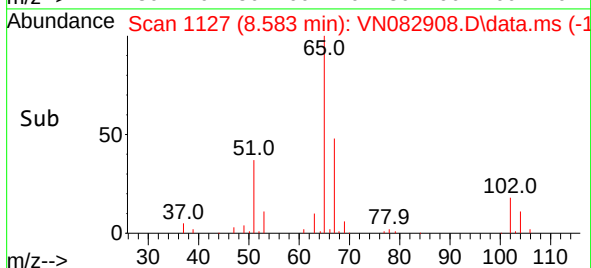
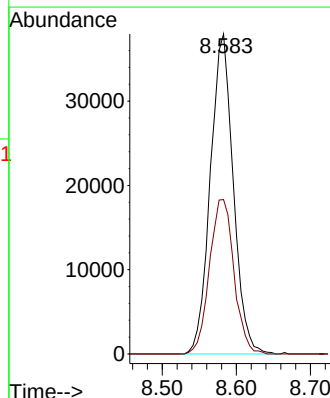
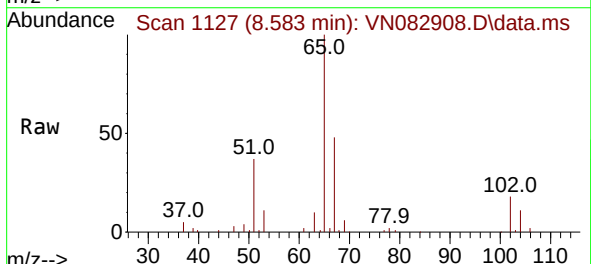
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-7

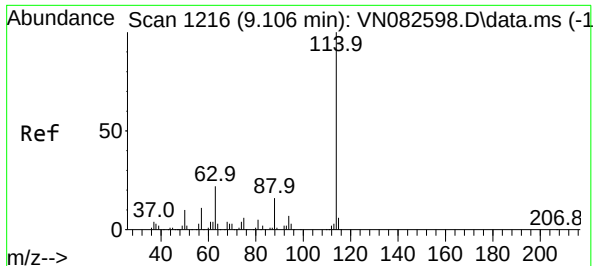
Tgt Ion:	84	Resp:	7002
Ion	Ratio	Lower	Upper
84	100		
49	117.1	119.6	179.4#
51	41.9	34.8	52.2
86	52.8	52.9	79.3#



#33
1,2-Dichloroethane-d4
Concen: 55.223 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

Tgt Ion:	65	Resp:	81601
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082908.D

Acq: 12 Jul 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

356STEVEN-7

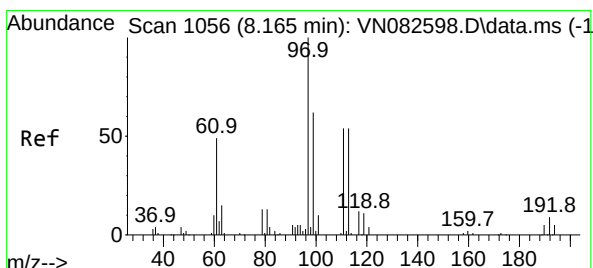
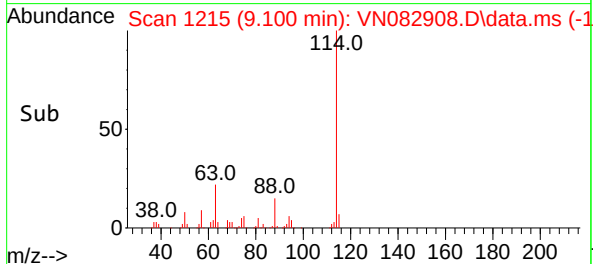
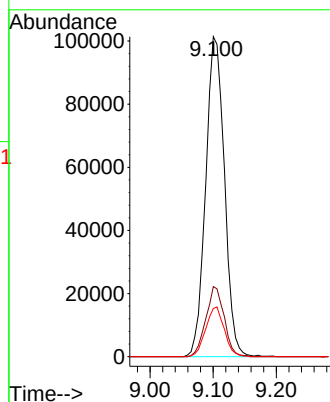
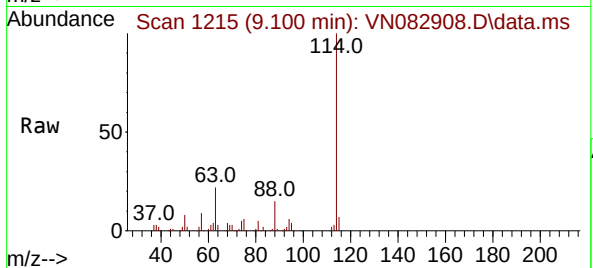
Tgt Ion:114 Resp: 209370

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.771 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082908.D

Acq: 12 Jul 2024 18:42

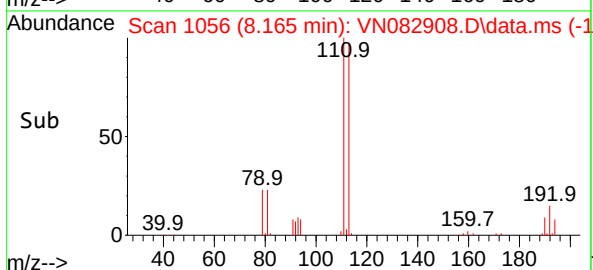
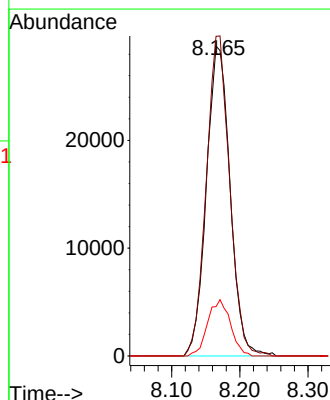
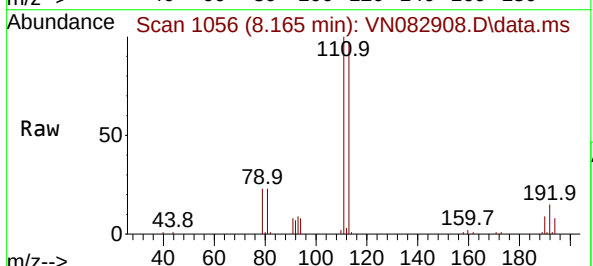
Tgt Ion:113 Resp: 69553

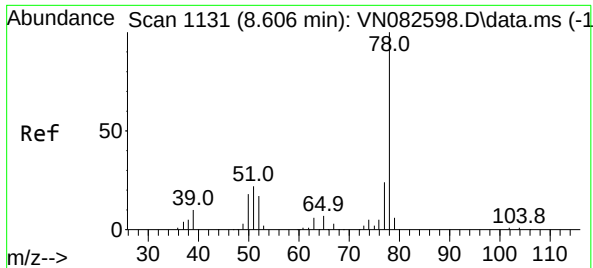
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 17.5 14.9 22.3

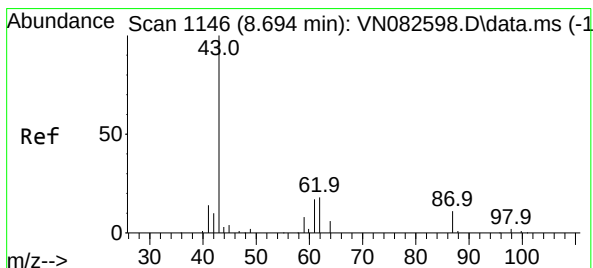
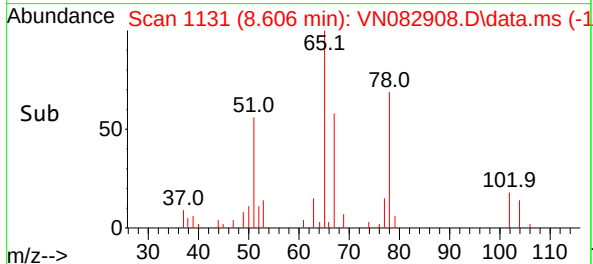
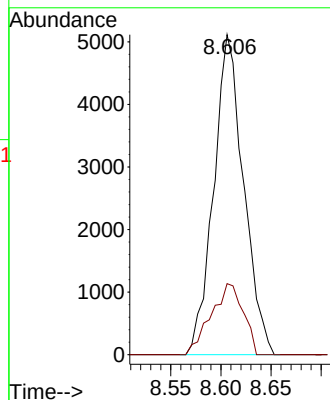
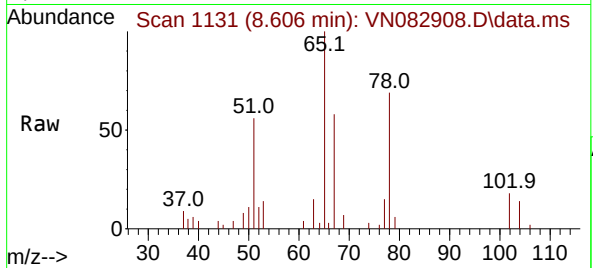




#40
Benzene
Concen: 1.859 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

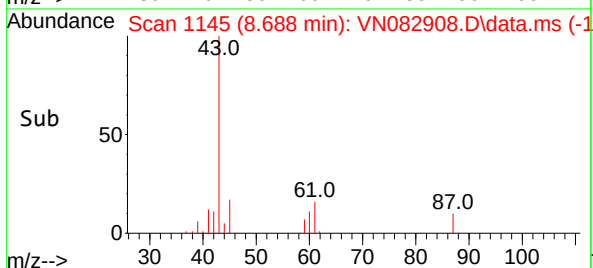
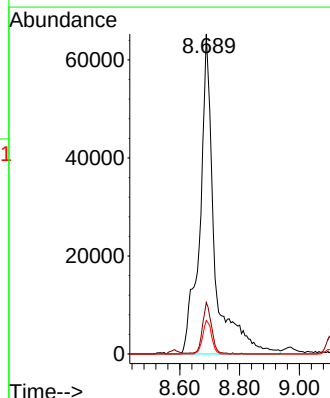
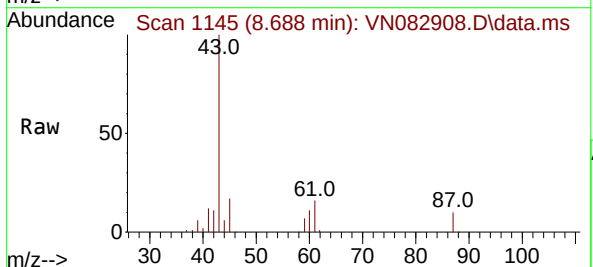
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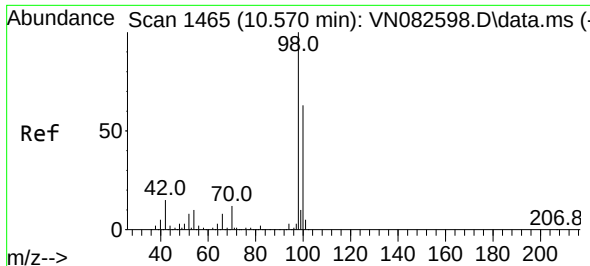
Tgt Ion: 78 Resp: 10593
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.4



#43
Isopropyl Acetate
Concen: 63.432 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

Tgt Ion: 43 Resp: 222721
Ion Ratio Lower Upper
43 100
61 9.9 17.8 26.6#
87 6.3 8.2 12.2#

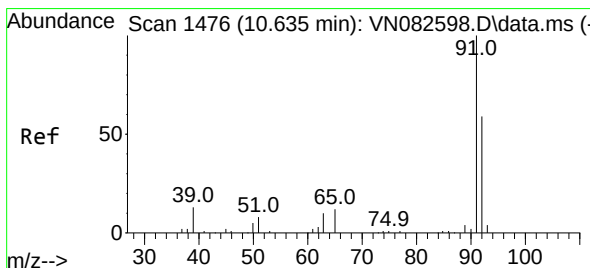
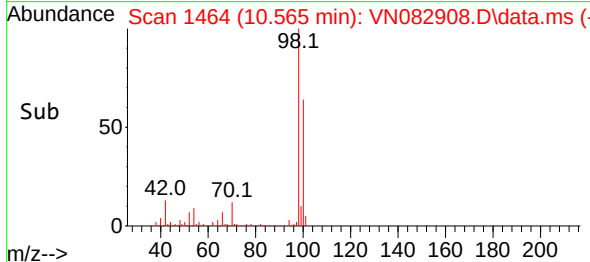
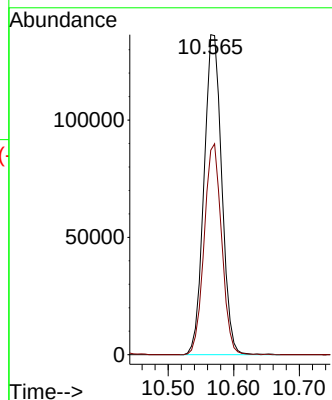
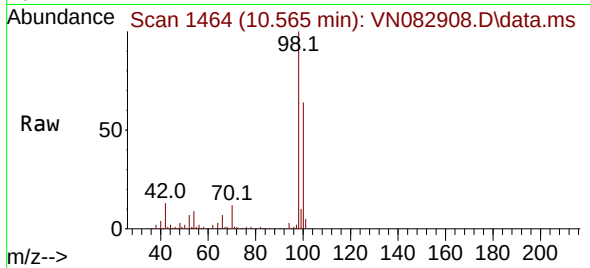




#50
Toluene-d8
Concen: 51.711 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

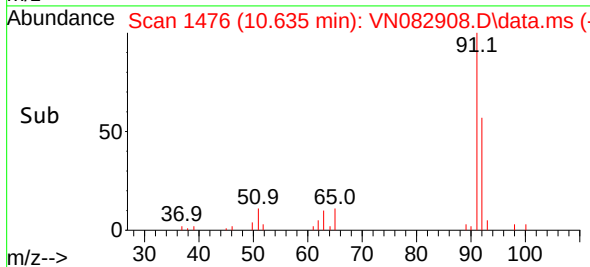
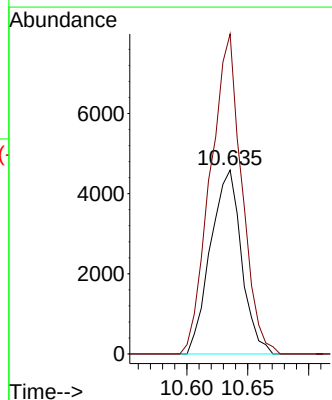
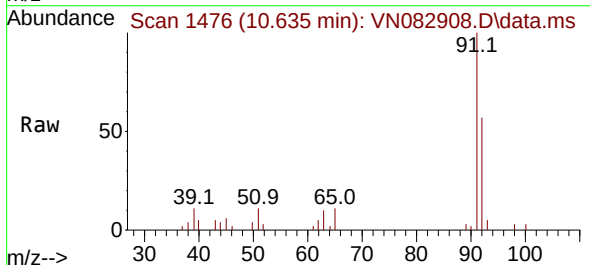
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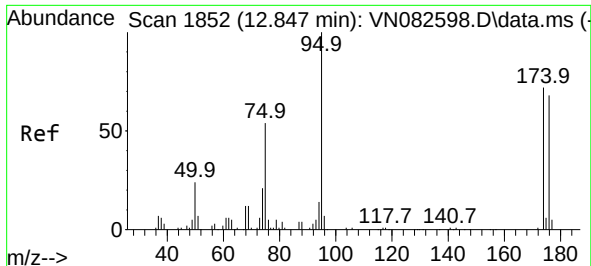
Tgt Ion: 98 Resp: 256597
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#52
Toluene
Concen: 2.280 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

Tgt Ion: 92 Resp: 8116
Ion Ratio Lower Upper
92 100
91 176.3 139.4 209.0

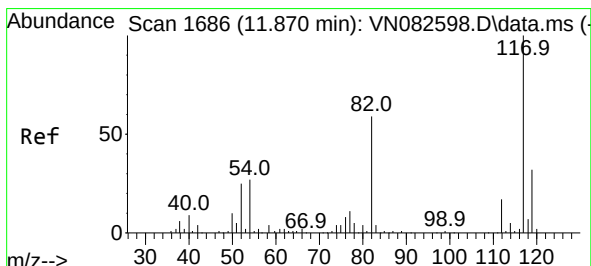
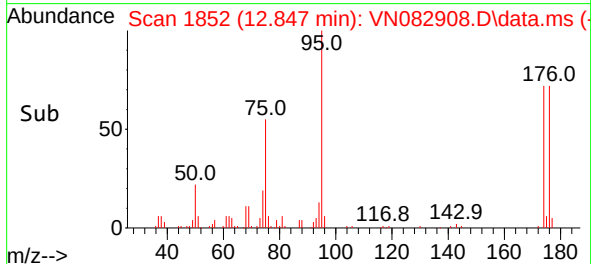
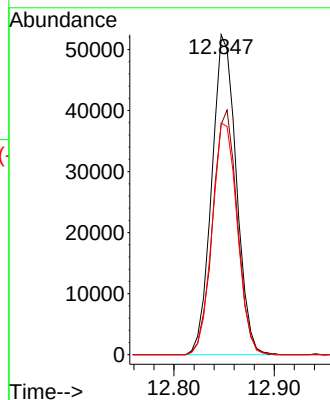
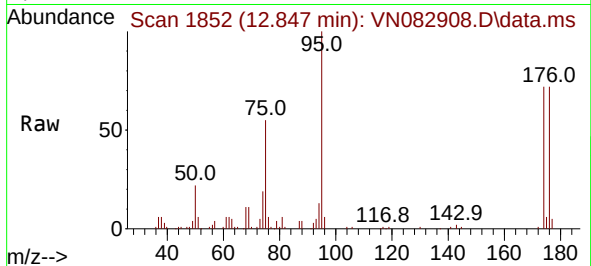




#62
4-Bromofluorobenzene
Concen: 49.859 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

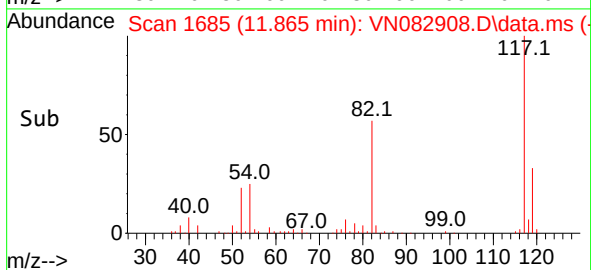
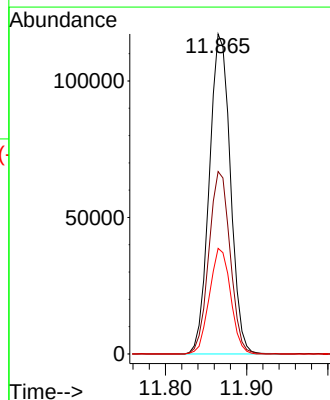
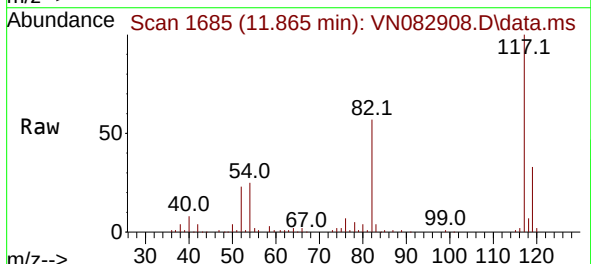
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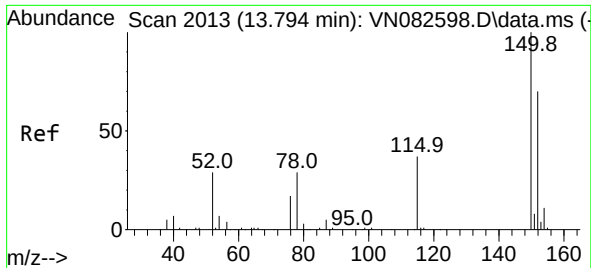
Tgt Ion: 95 Resp: 88870
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.2
176 74.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

Tgt Ion: 117 Resp: 211375
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 33.0 25.6 38.4

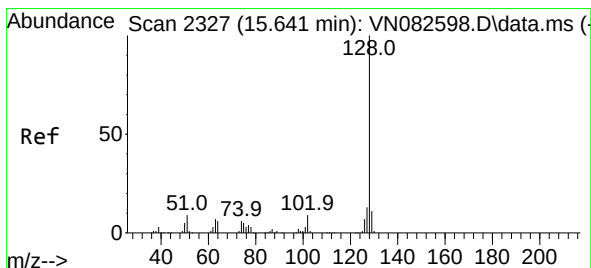
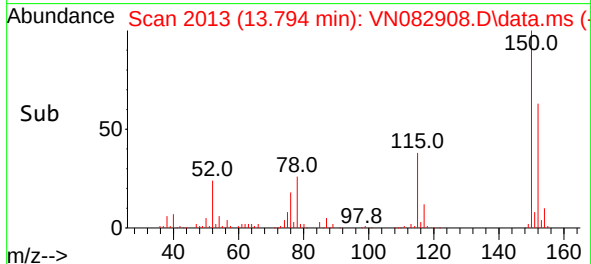
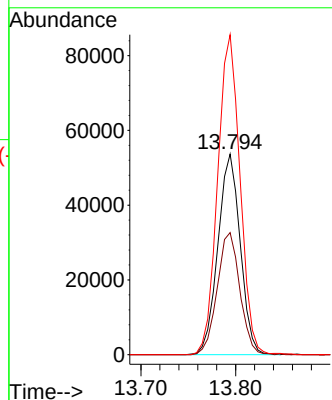
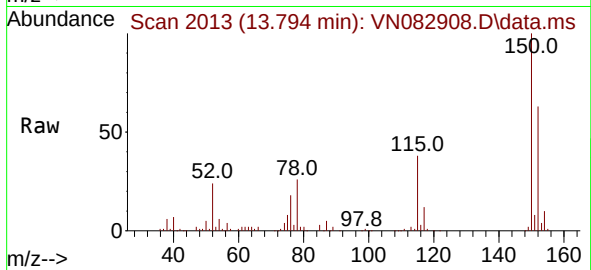




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-7

Tgt Ion:152 Resp: 87999
Ion Ratio Lower Upper
152 100
115 61.7 30.6 91.6
150 159.6 0.0 348.6



#95
Naphthalene
Concen: 2.093 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN082908.D
Acq: 12 Jul 2024 18:42

Tgt Ion:128 Resp: 11173
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 9.2 8.6 12.8

