

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082910.D
 Acq On : 12 Jul 2024 19:30
 Operator : JC\MD
 Sample : P3224-26
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 356STEVEN-13

Quant Time: Jul 15 01:18:57 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)

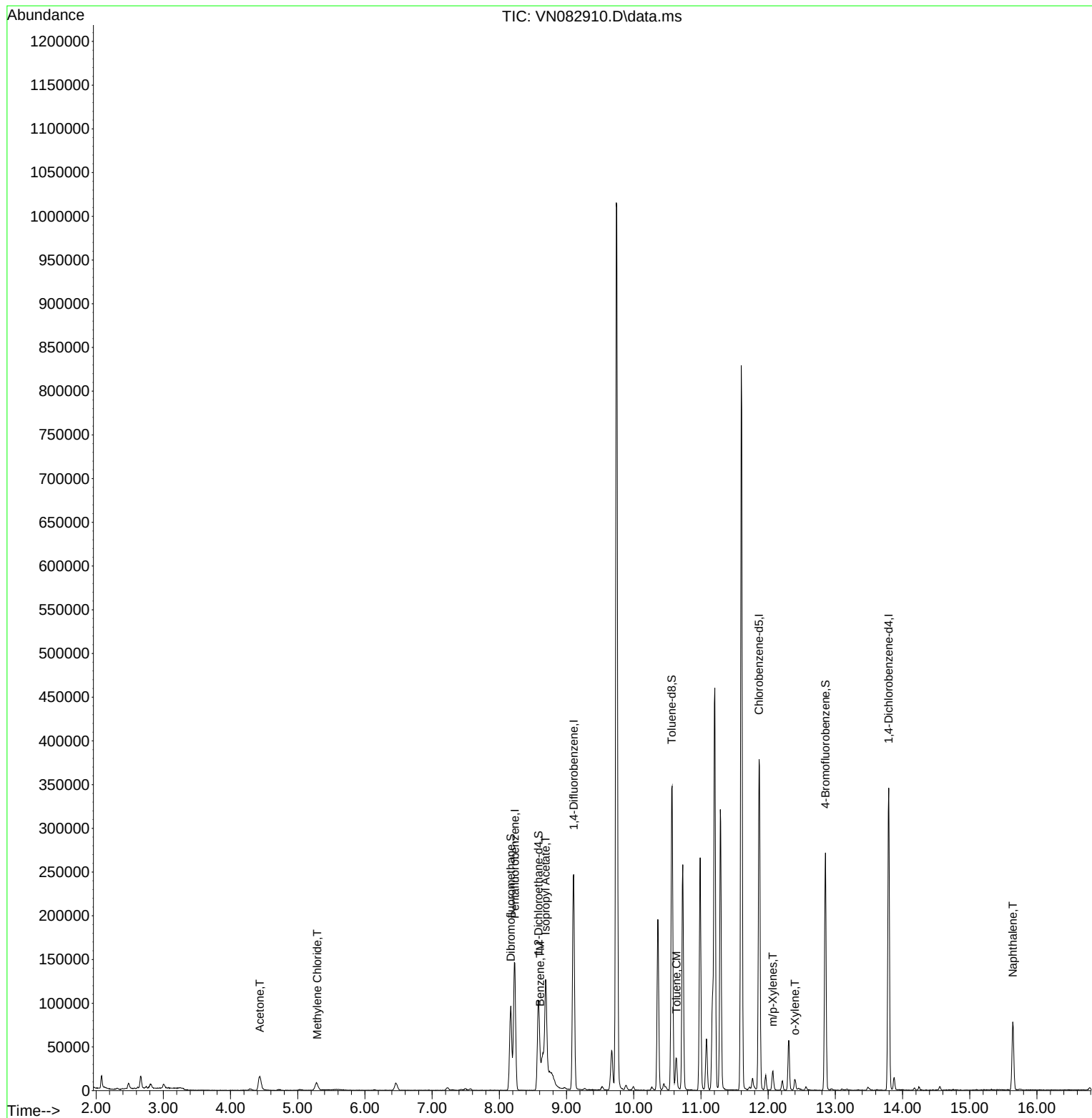
Internal Standards						
1) Pentafluorobenzene	8.230	168	104060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	210795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	82985	56.889	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.780%			
35) Dibromofluoromethane	8.171	113	65800	48.646	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.300%			
50) Toluene-d8	10.565	98	241390	48.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.640%			
62) 4-Bromofluorobenzene	12.853	95	87312	48.654	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.300%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	31693	61.711	ug/l	100
20) Methylene Chloride	5.289	84	6828	5.505	ug/l #	74
40) Benzene	8.606	78	21896	3.817	ug/l	98
43) Isopropyl Acetate	8.689	43	186517	52.231	ug/l #	83
52) Toluene	10.635	92	15982	4.460	ug/l	98
68) m/p-Xylenes	12.071	106	6752	2.333	ug/l	99
69) o-Xylene	12.400	106	3857	1.391	ug/l	79
95) Naphthalene	15.641	128	71415	12.988	ug/l	100

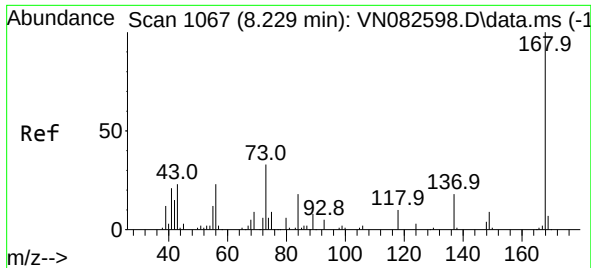
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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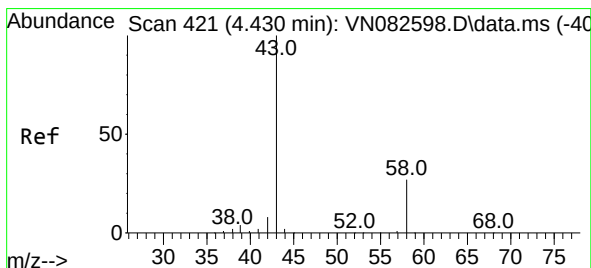
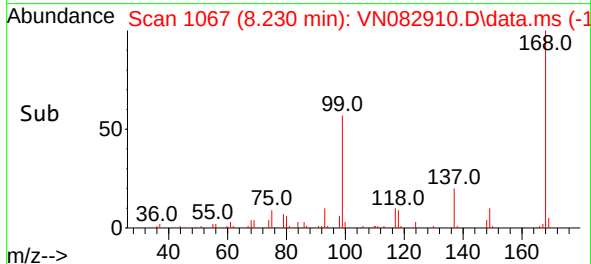
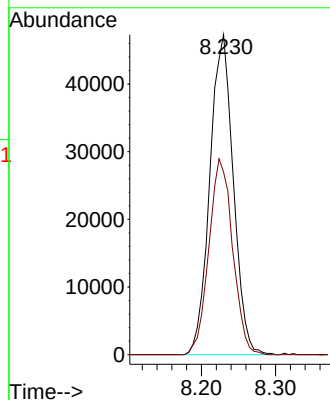
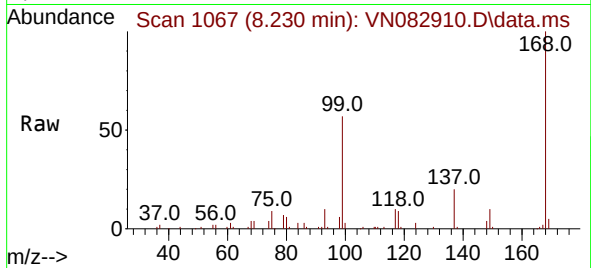




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082910.D
Acq: 12 Jul 2024 19:30

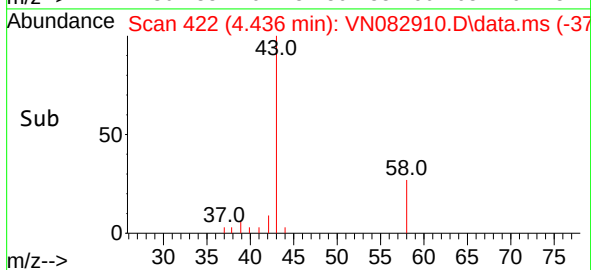
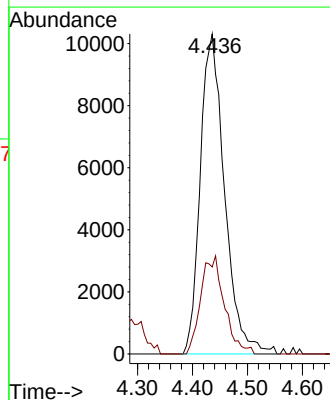
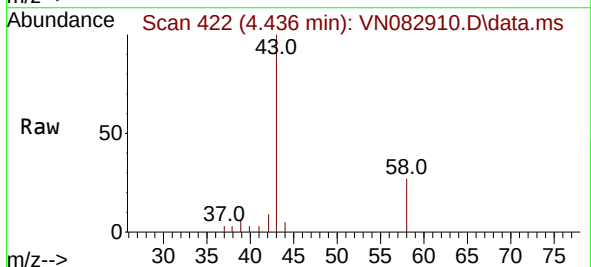
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-13

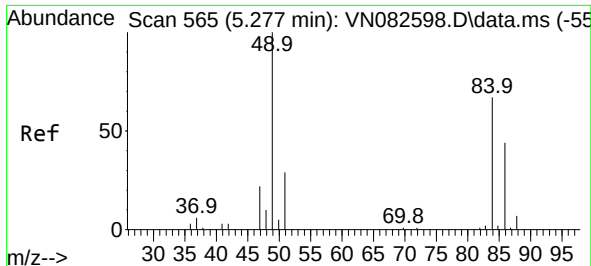
Tgt Ion:168 Resp: 104060
Ion Ratio Lower Upper
168 100
99 57.1 48.2 72.4



#16
Acetone
Concen: 61.711 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082910.D
Acq: 12 Jul 2024 19:30

Tgt Ion: 43 Resp: 31693
Ion Ratio Lower Upper
43 100
58 27.2 21.8 32.6

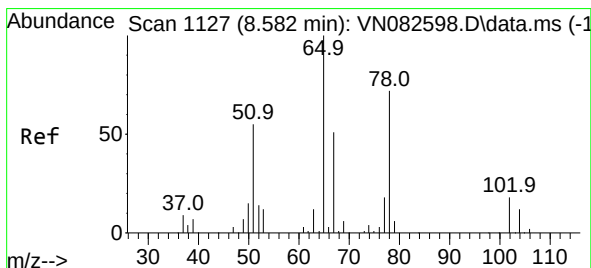
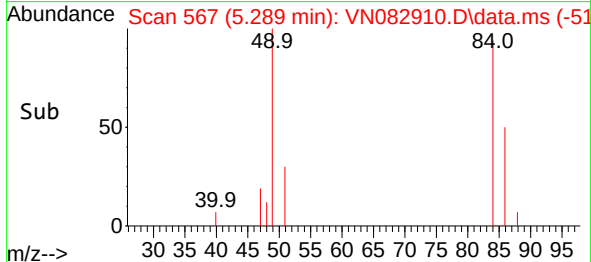
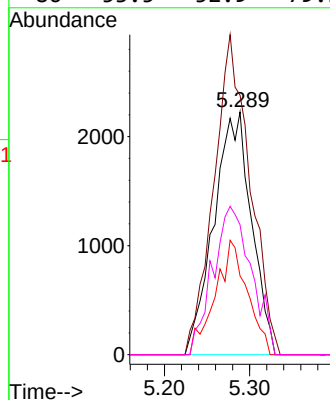
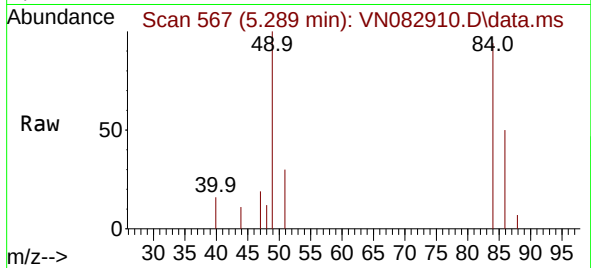




#20
Methylene Chloride
Concen: 5.505 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082910.D
Acq: 12 Jul 2024 19:30

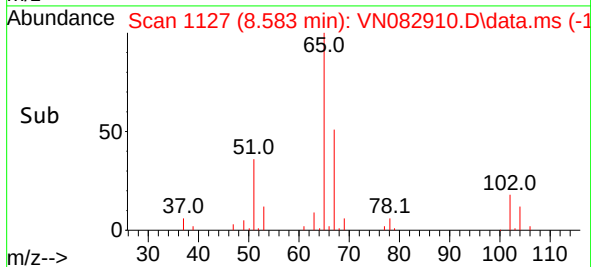
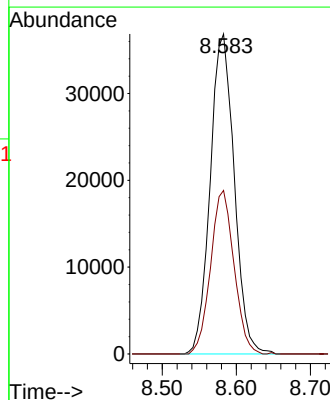
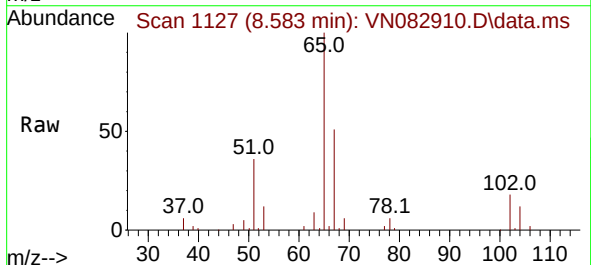
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-13

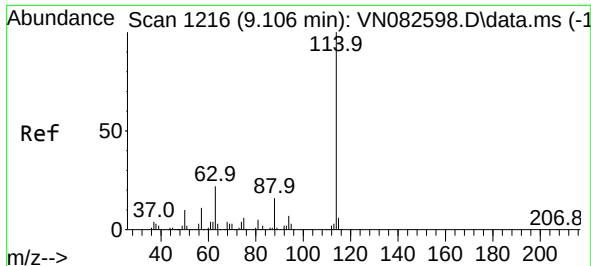
Tgt Ion: 84 Resp: 6828
Ion Ratio Lower Upper
84 100
49 106.9 119.6 179.4#
51 32.4 34.8 52.2#
86 53.5 52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 56.889 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082910.D
Acq: 12 Jul 2024 19:30

Tgt Ion: 65 Resp: 82985
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082910.D

Acq: 12 Jul 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

356STEVEN-13

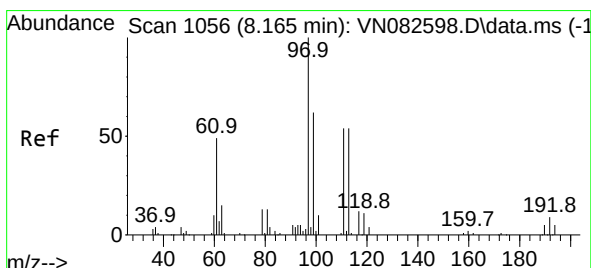
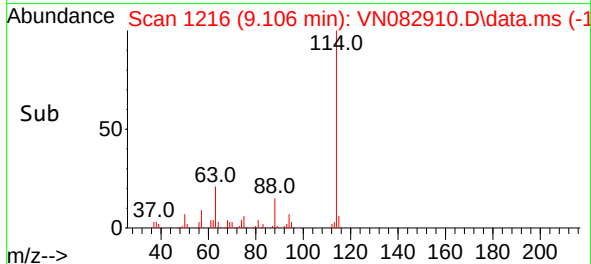
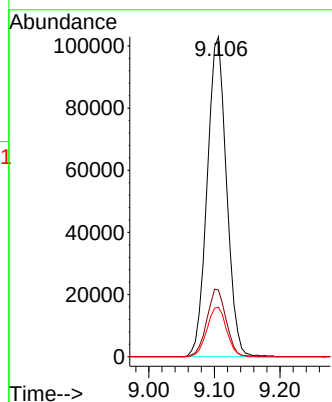
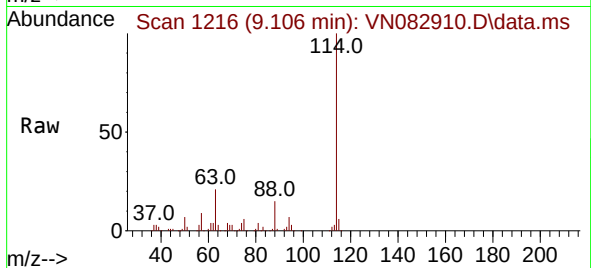
Tgt Ion:114 Resp: 210795

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.646 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082910.D

Acq: 12 Jul 2024 19:30

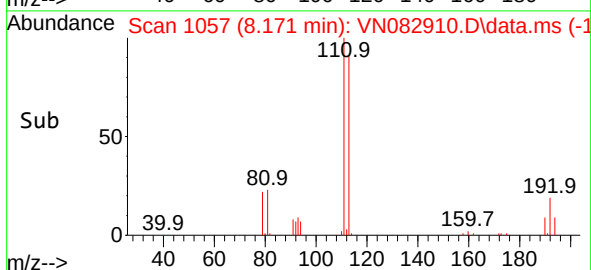
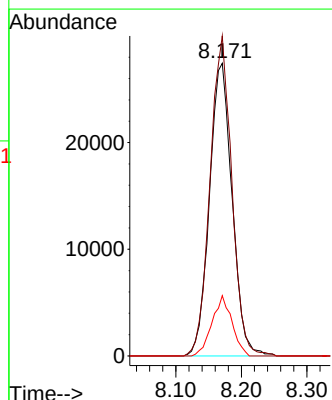
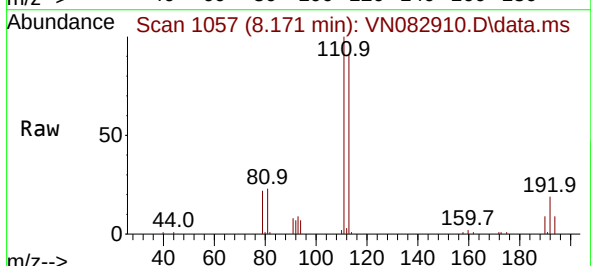
Tgt Ion:113 Resp: 65800

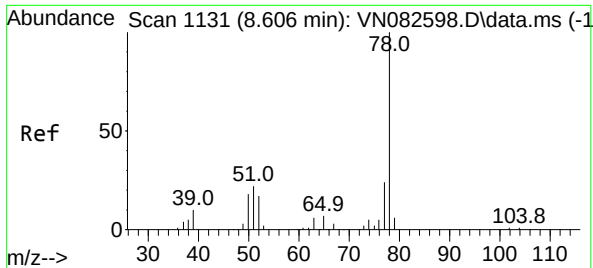
Ion Ratio Lower Upper

113 100

111 105.0 82.4 123.6

192 18.1 14.9 22.3





#40

Benzene

Concen: 3.817 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082910.D

Acq: 12 Jul 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

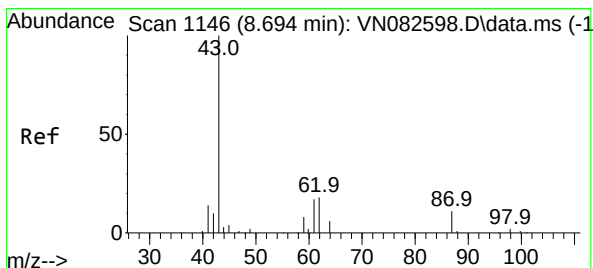
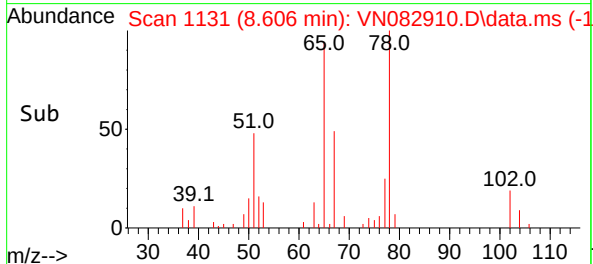
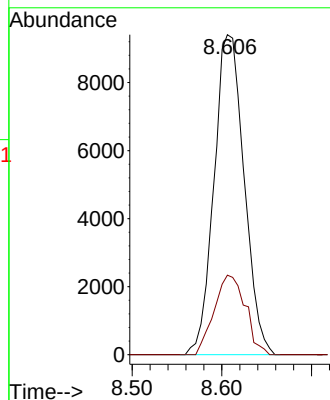
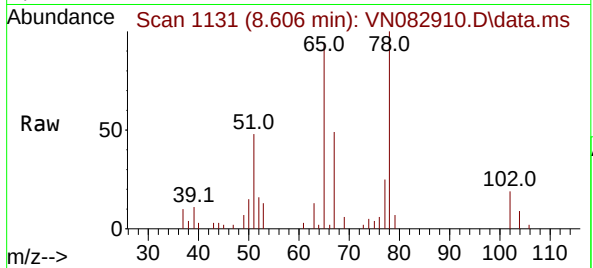
356STEVEN-13

Tgt Ion: 78 Resp: 21896

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.4



#43

Isopropyl Acetate

Concen: 52.231 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. -0.005 min

Lab File: VN082910.D

Acq: 12 Jul 2024 19:30

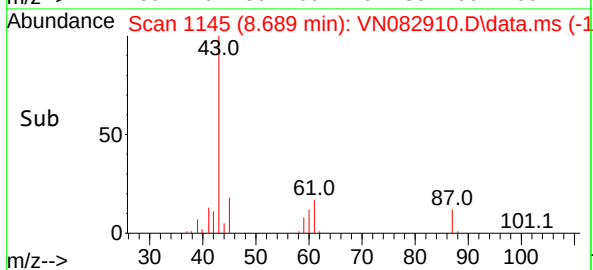
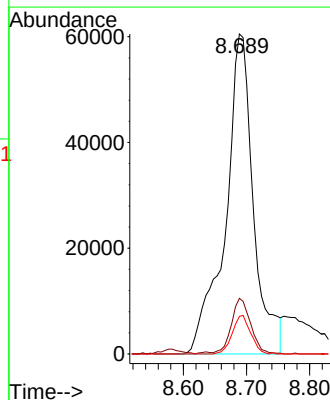
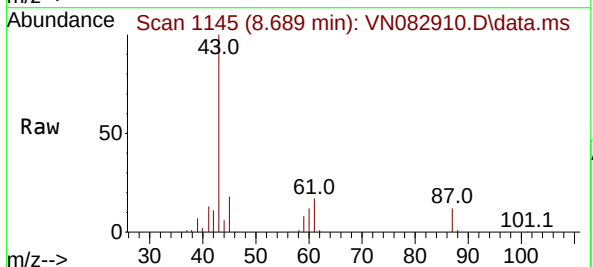
Tgt Ion: 43 Resp: 186517

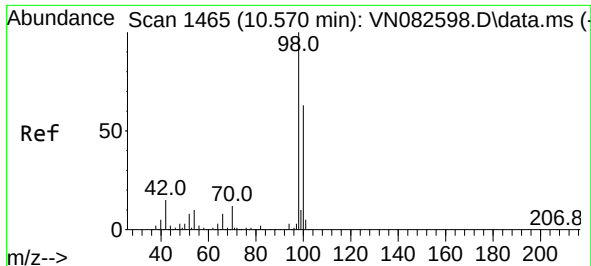
Ion Ratio Lower Upper

43 100

61 12.0 17.8 26.6#

87 7.9 8.2 12.2#

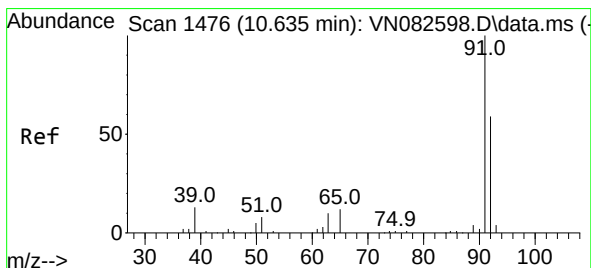
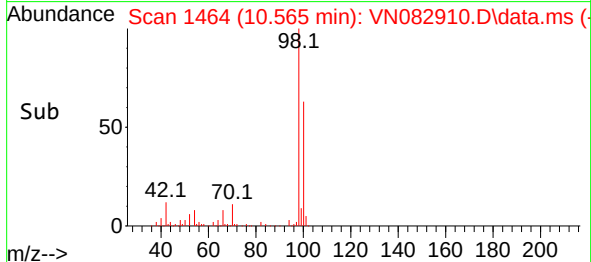
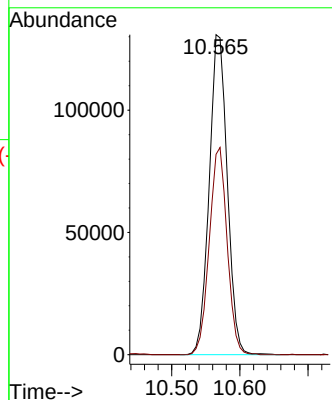
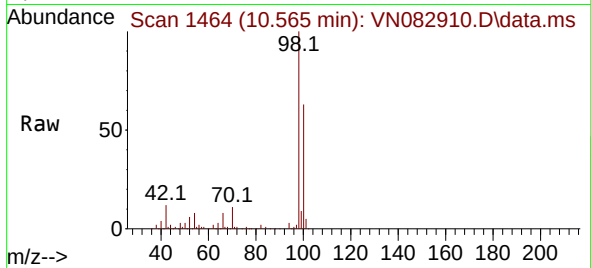




#50
Toluene-d8
Concen: 48.318 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.005 min
Lab File: VN082910.D
Acq: 12 Jul 2024 19:30

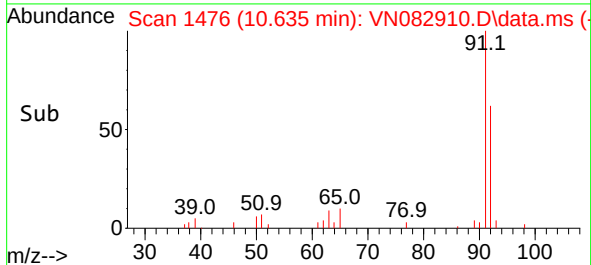
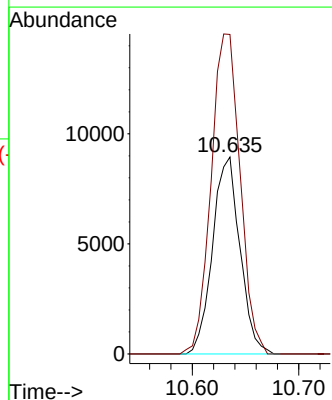
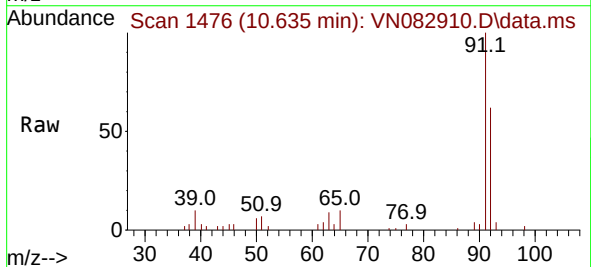
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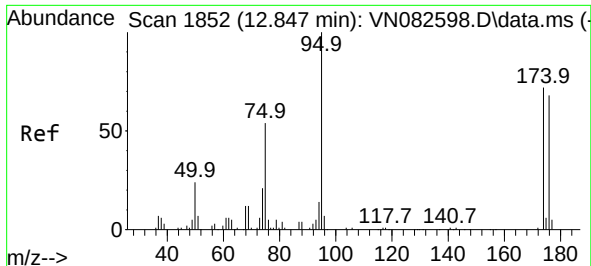
Tgt Ion: 98 Resp: 241390
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#52
Toluene
Concen: 4.460 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082910.D
Acq: 12 Jul 2024 19:30

Tgt Ion: 92 Resp: 15982
Ion Ratio Lower Upper
92 100
91 171.8 139.4 209.0

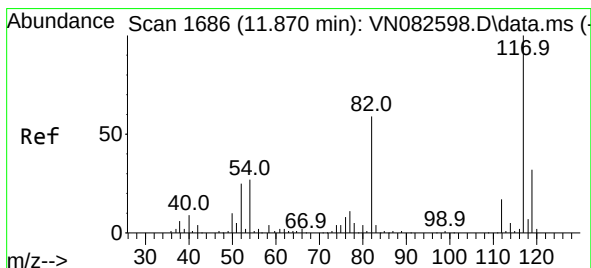
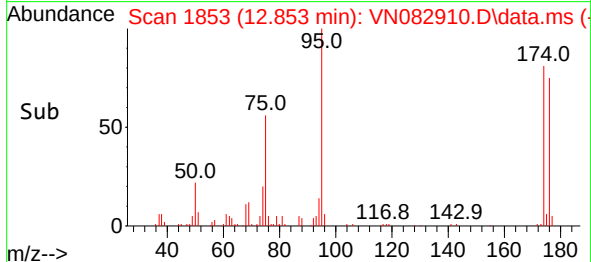
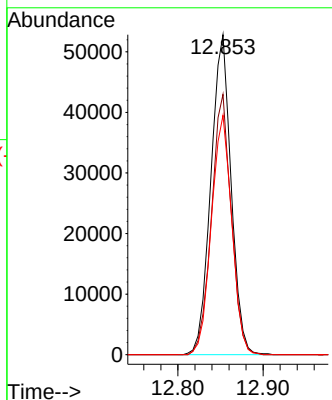
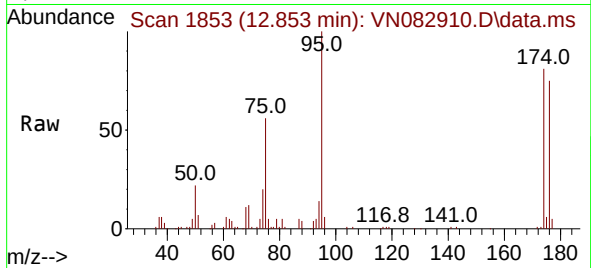




#62
4-Bromofluorobenzene
Concen: 48.654 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082910.D
Acq: 12 Jul 2024 19:30

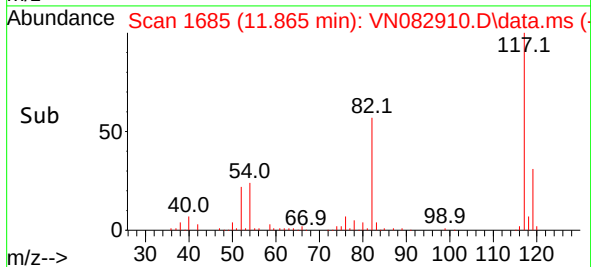
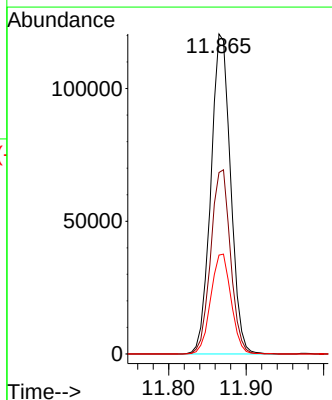
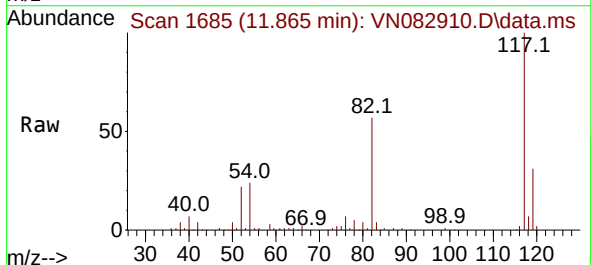
Instrument :
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ClientSampleId :
356STEVEN-13

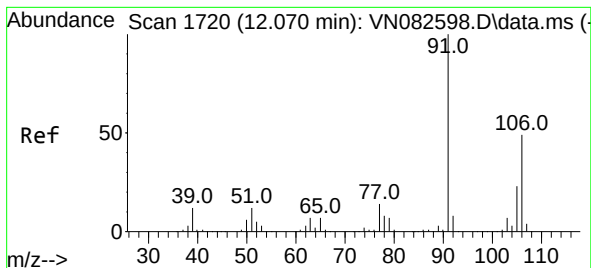
Tgt Ion: 95 Resp: 87312
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.2
176 75.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082910.D
Acq: 12 Jul 2024 19:30

Tgt Ion: 117 Resp: 212859
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 30.9 25.6 38.4

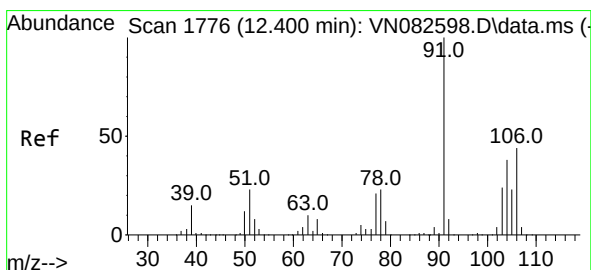
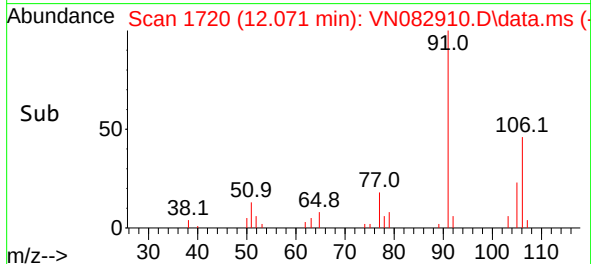
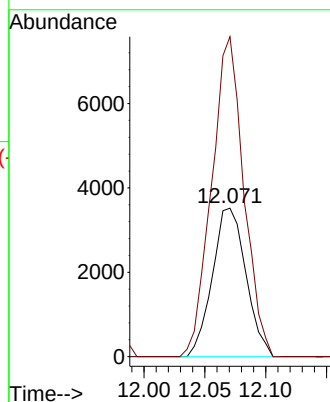
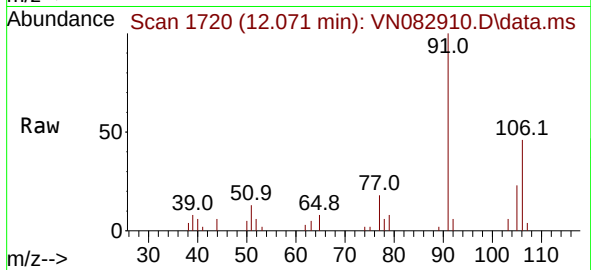




#68
m/p-Xylenes
Concen: 2.333 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082910.D
Acq: 12 Jul 2024 19:30

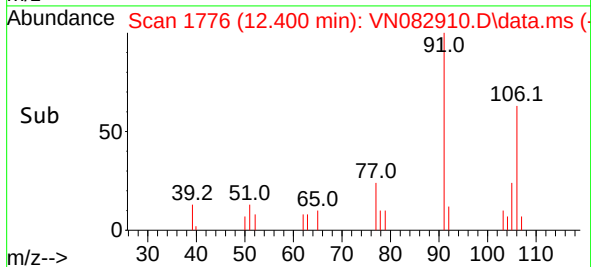
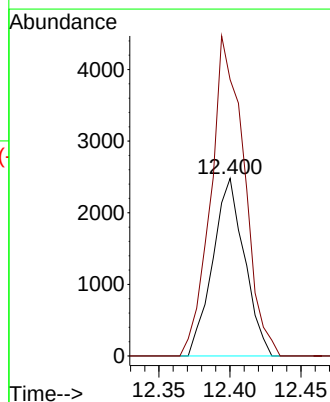
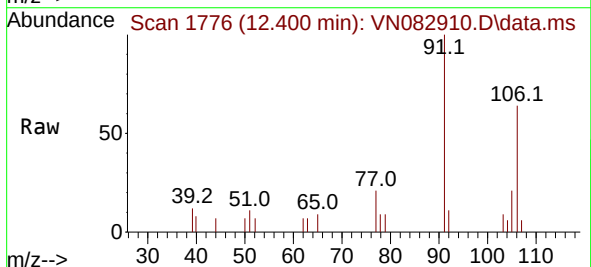
Instrument :
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ClientSampleId :
356STEVEN-13

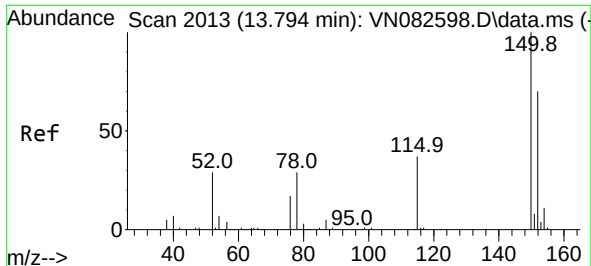
Tgt Ion:106 Resp: 6752
Ion Ratio Lower Upper
106 100
91 206.6 166.1 249.1



#69
o-Xylene
Concen: 1.391 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082910.D
Acq: 12 Jul 2024 19:30

Tgt Ion:106 Resp: 3857
Ion Ratio Lower Upper
106 100
91 188.9 111.3 333.9

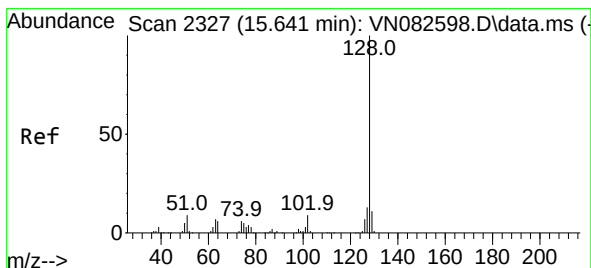
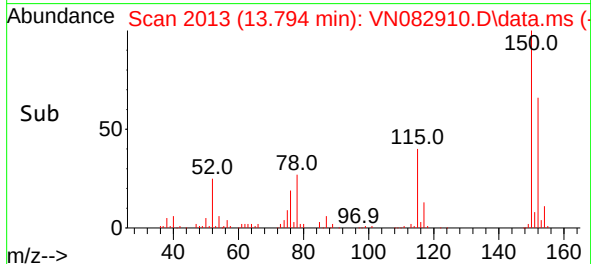
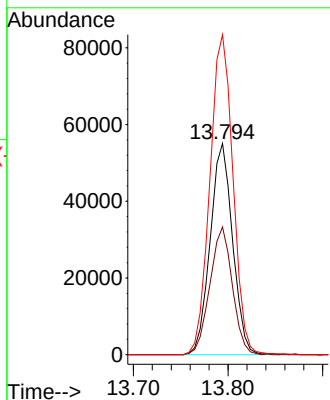
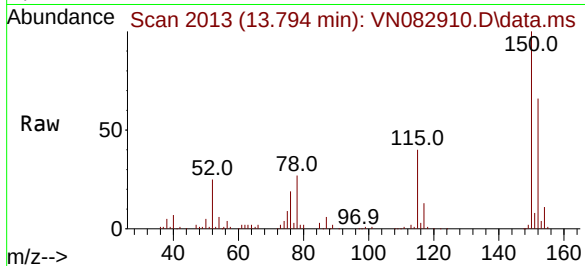




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082910.D
 Acq: 12 Jul 2024 19:30

Instrument :
 MSVOA_N
 ClientSampleId :
 356STEVEN-13

Tgt Ion:152 Resp: 90646
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.6 91.6
 150 155.9 0.0 348.6



#95
 Naphthalene
 Concen: 12.988 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN082910.D
 Acq: 12 Jul 2024 19:30

Tgt Ion:128 Resp: 71415
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.6 16.0
 129 10.4 8.6 12.8

