

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082912.D
 Acq On : 12 Jul 2024 20:19
 Operator : JC\MD
 Sample : P3224-34
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 356STEVEN-18

Quant Time: Jul 15 01:20:29 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)

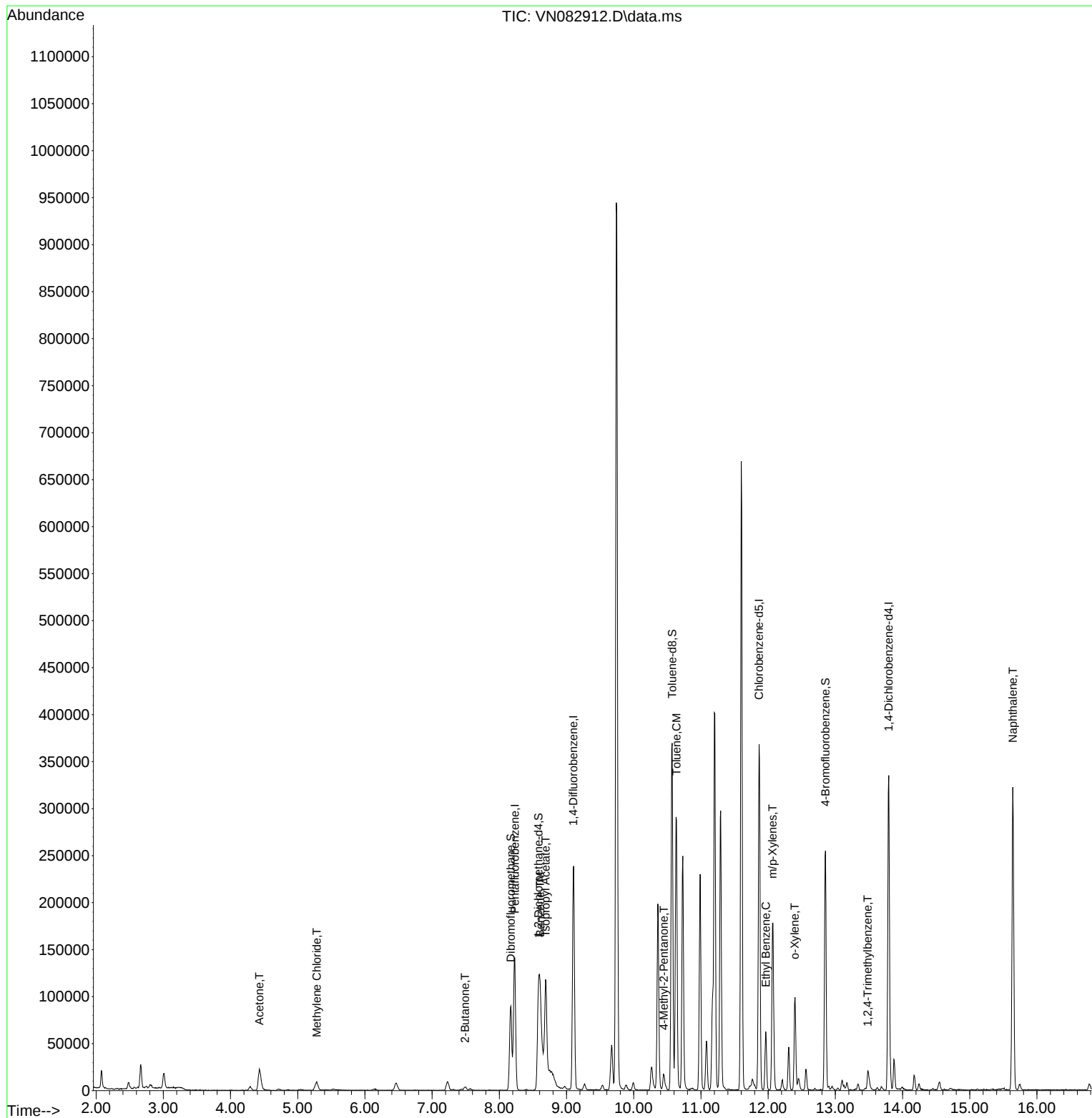
Internal Standards						
1) Pentafluorobenzene	8.230	168	100041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	201036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	77979	55.605	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.220%	
35) Dibromofluoromethane	8.171	113	64593	50.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.140%	
50) Toluene-d8	10.571	98	250686	52.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.220%	
62) 4-Bromofluorobenzene	12.853	95	86046	50.276	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	42409	85.894	ug/l	94
20) Methylene Chloride	5.283	84	7165	6.009	ug/l	85
25) 2-Butanone	7.489	43	6777	9.090	ug/l	100
40) Benzene	8.606	78	94622	17.295	ug/l	100
43) Isopropyl Acetate	8.688	43	207385	61.418	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	15035	8.375	ug/l	91
52) Toluene	10.635	92	128589	37.626	ug/l	98
67) Ethyl Benzene	11.965	91	37586	5.032	ug/l	96
68) m/p-Xylenes	12.065	106	56297	19.963	ug/l	97
69) o-Xylene	12.394	106	26385	9.764	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	12796	2.435	ug/l	85
95) Naphthalene	15.641	128	284123	53.348	ug/l	100

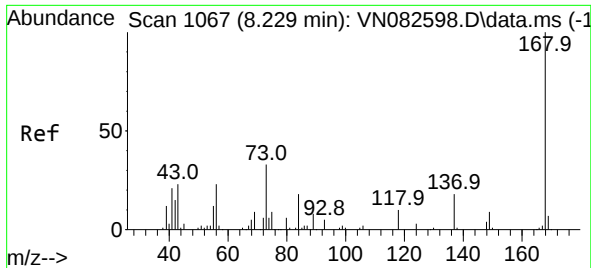
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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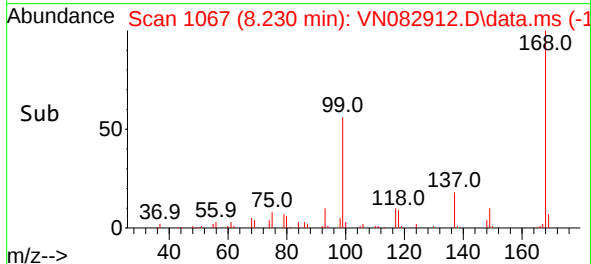
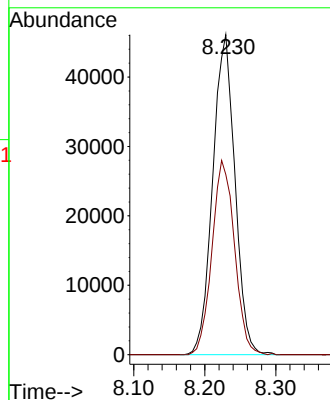
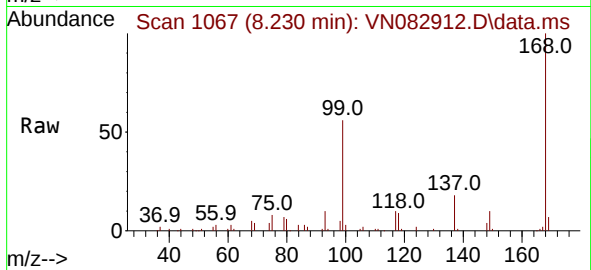




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

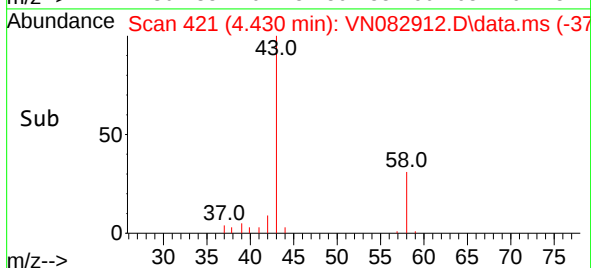
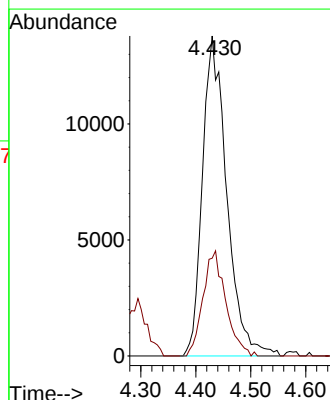
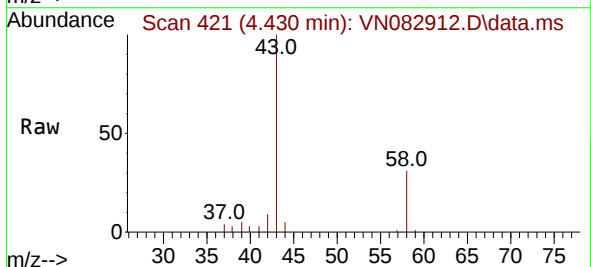
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-18

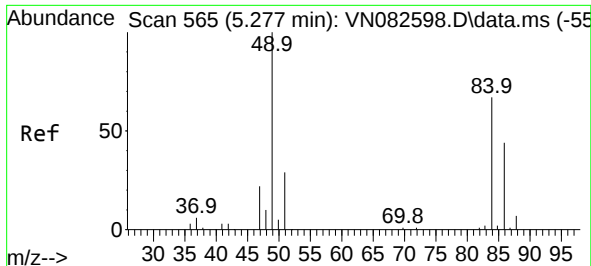
Tgt Ion:168 Resp: 100041
Ion Ratio Lower Upper
168 100
99 56.3 48.2 72.4



#16
Acetone
Concen: 85.894 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion: 43 Resp: 42409
Ion Ratio Lower Upper
43 100
58 30.6 21.8 32.6

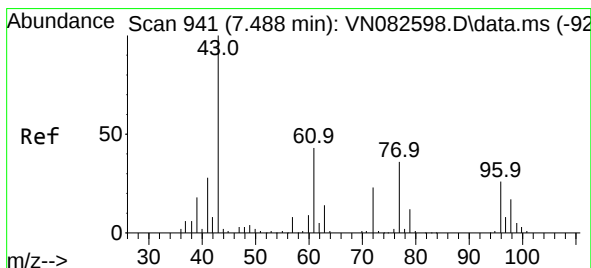
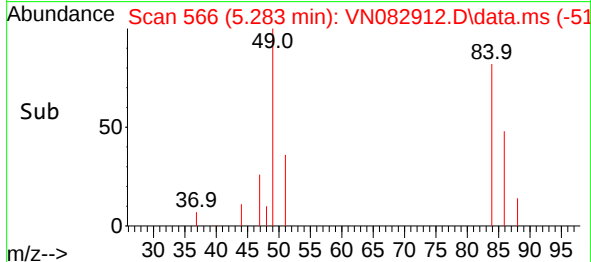
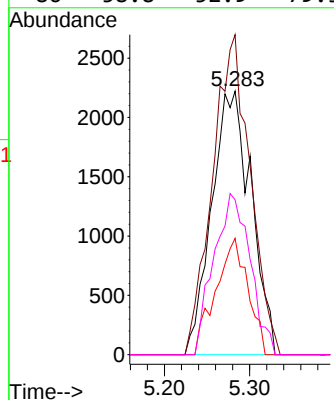
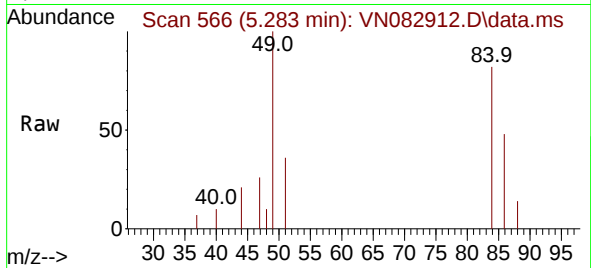




#20
Methylene Chloride
Concen: 6.009 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

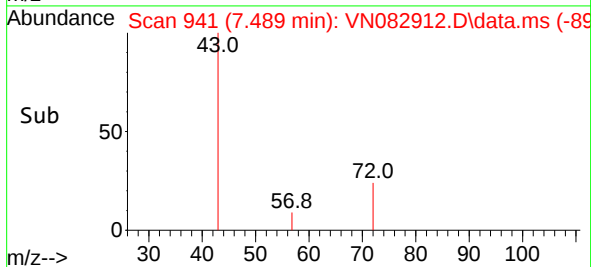
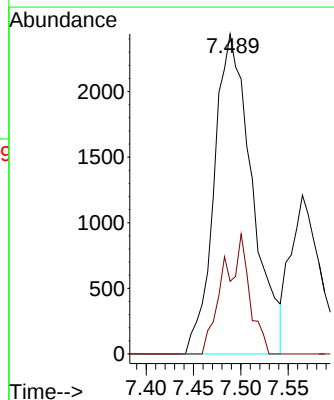
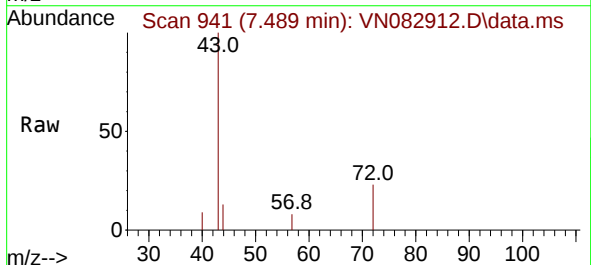
Instrument :
MSVOA_N
ClientSampleId :
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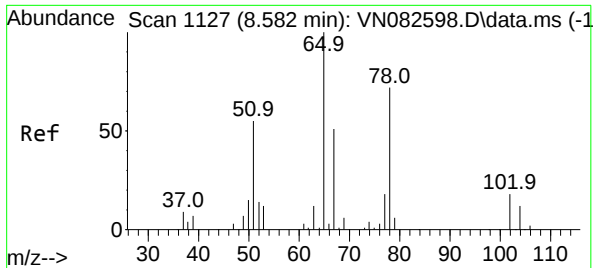
Tgt Ion: 84	Resp: 7165
Ion Ratio	Lower Upper
84 100	
49 121.4	119.6 179.4
51 44.1	34.8 52.2
86 58.8	52.9 79.3



#25
2-Butanone
Concen: 9.090 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion: 43	Resp: 6777		
Ion Ratio	Lower	Upper	
43 100			
72 22.7	18.2	27.2	





#33

1,2-Dichloroethane-d4

Concen: 55.605 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

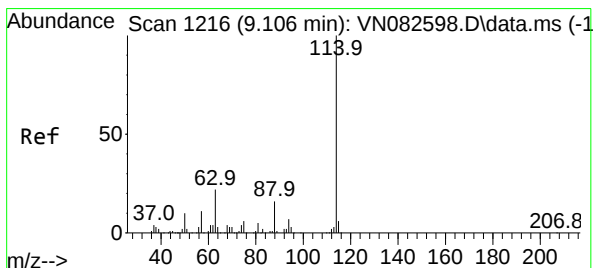
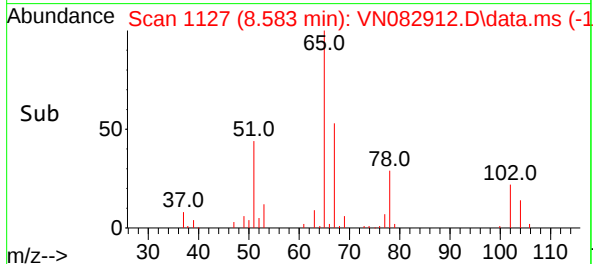
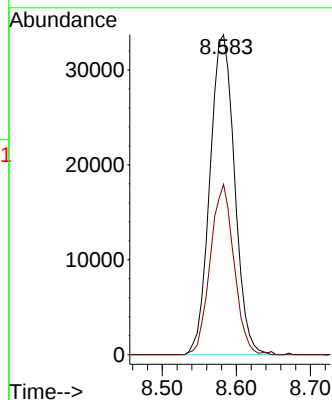
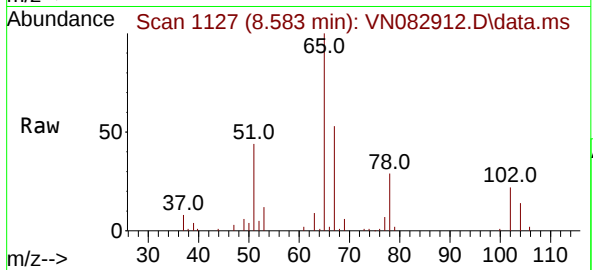
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Tgt Ion: 65 Resp: 77979

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

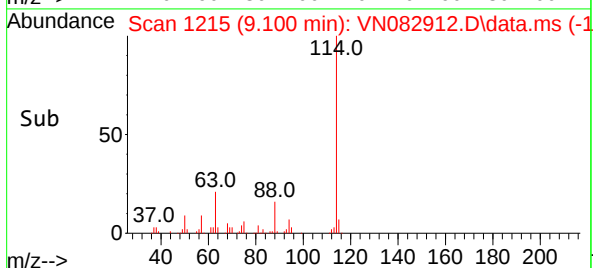
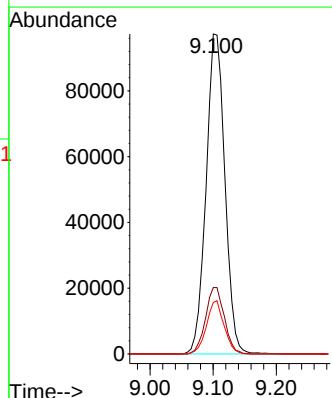
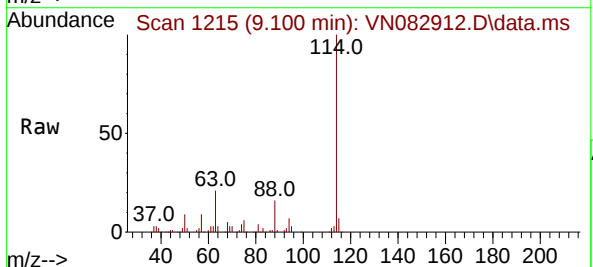
Tgt Ion: 114 Resp: 201036

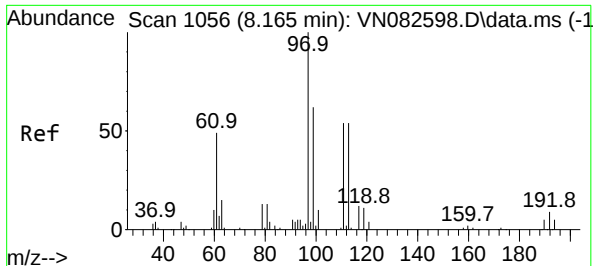
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.6

88 16.1 0.0 31.4

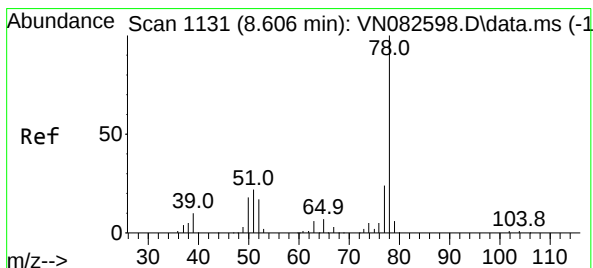
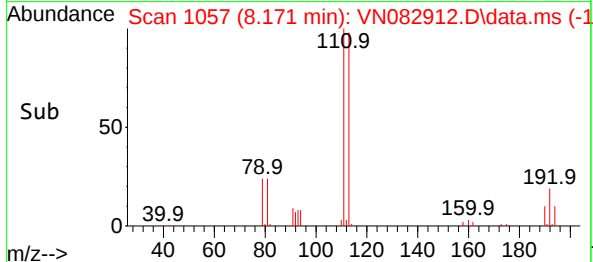
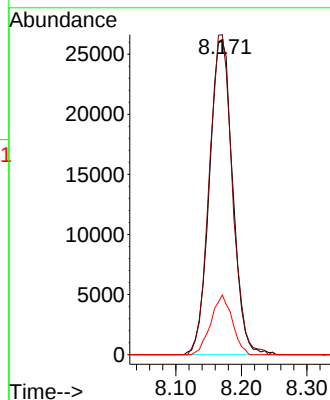
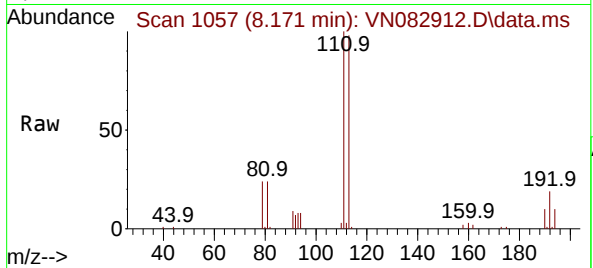




#35
Dibromofluoromethane
Concen: 50.072 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

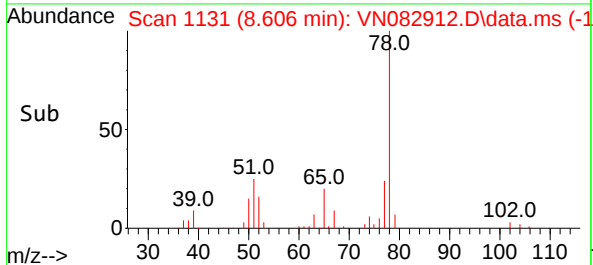
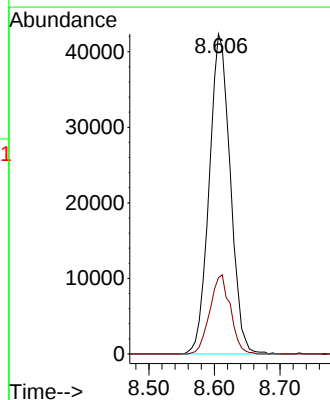
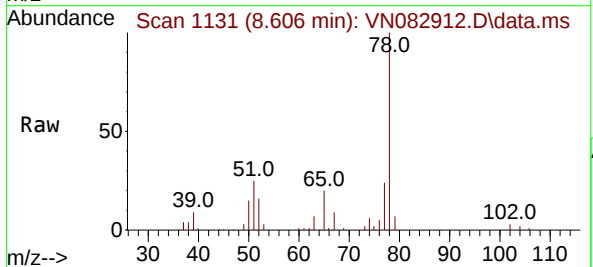
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356STEVEN-18

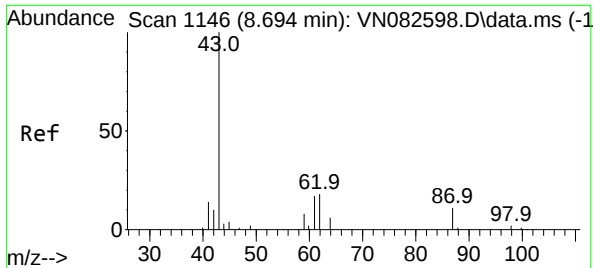
Tgt Ion:113 Resp: 64593
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 17.4 14.9 22.3



#40
Benzene
Concen: 17.295 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion: 78 Resp: 94622
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

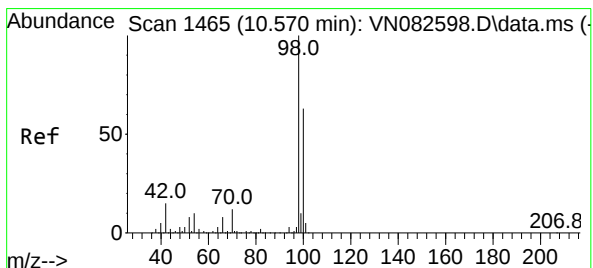
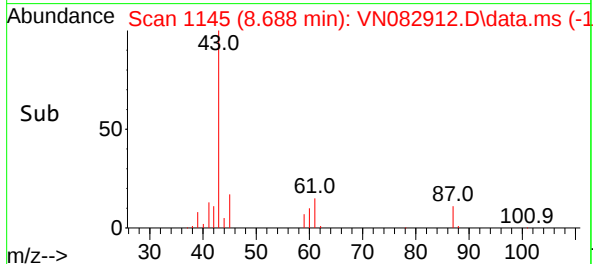
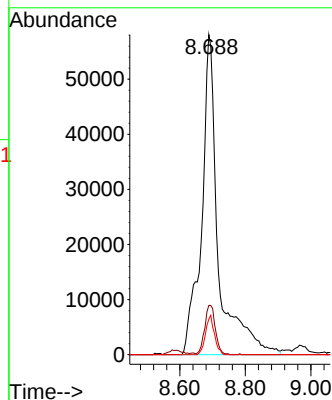
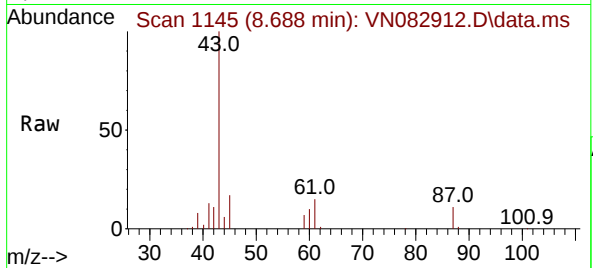




#43
Isopropyl Acetate
Concen: 61.418 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

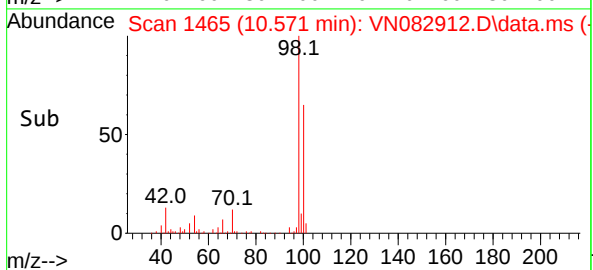
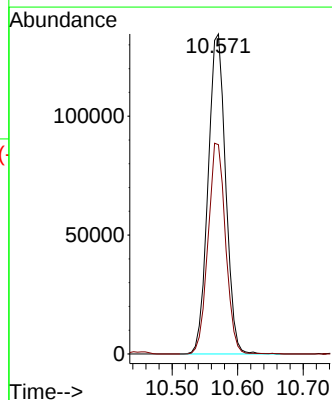
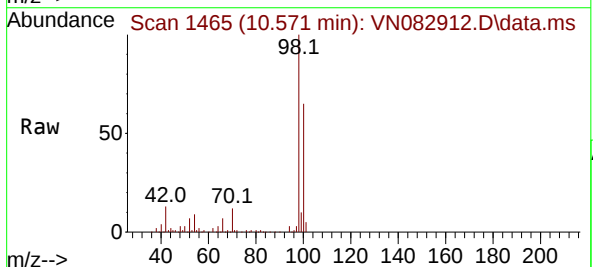
Instrument :
MSVOA_N
ClientSampleId :
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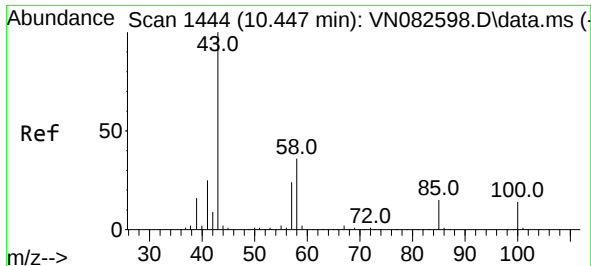
Tgt Ion: 43 Resp: 207385
Ion Ratio Lower Upper
43 100
61 9.8 17.8 26.6#
87 6.5 8.2 12.2#



#50
Toluene-d8
Concen: 52.615 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion: 98 Resp: 250686
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3

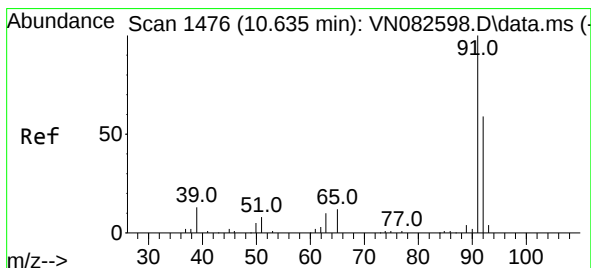
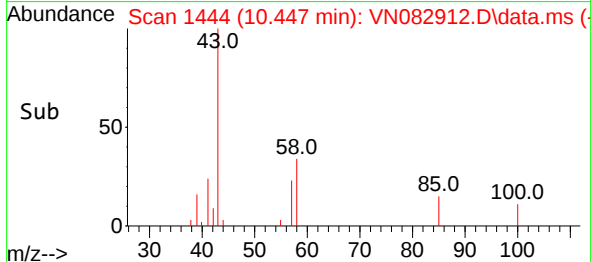
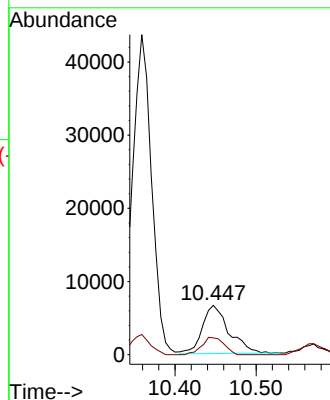
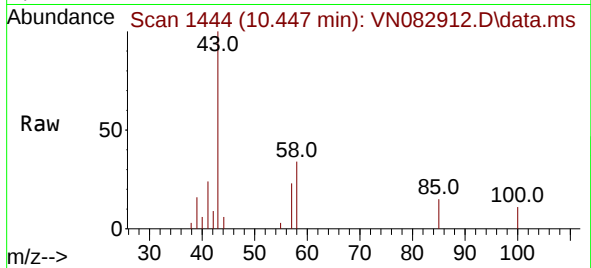




#51
4-Methyl-2-Pentanone
Concen: 8.375 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

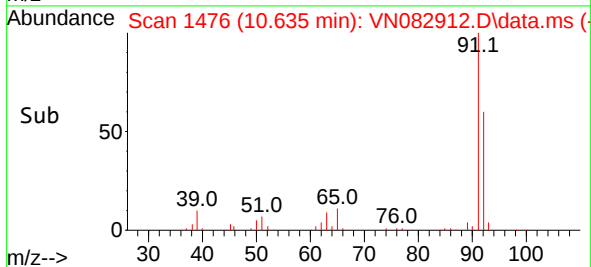
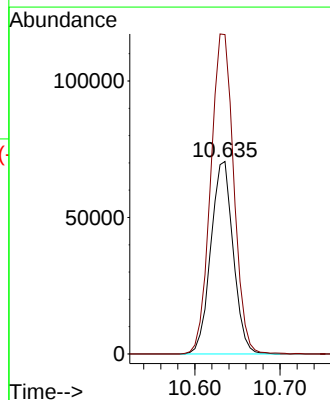
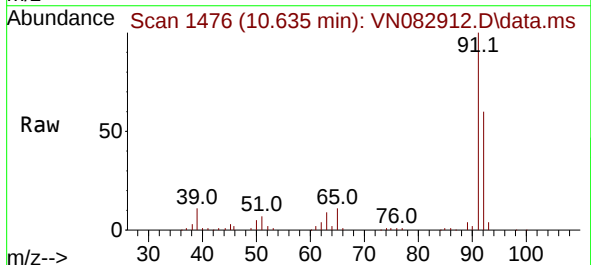
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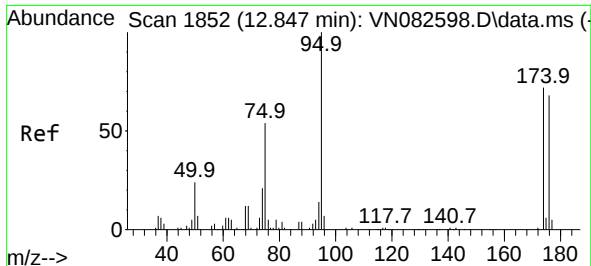
Tgt Ion: 43 Resp: 15035
Ion Ratio Lower Upper
43 100
58 29.9 28.2 42.4



#52
Toluene
Concen: 37.626 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion: 92 Resp: 128589
Ion Ratio Lower Upper
92 100
91 171.6 139.4 209.0

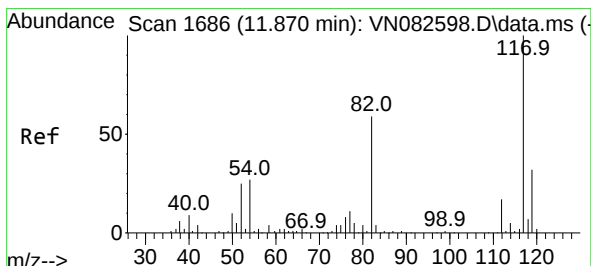
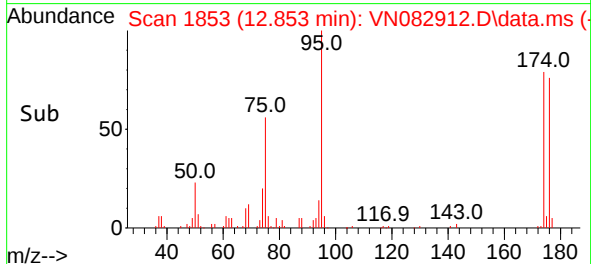
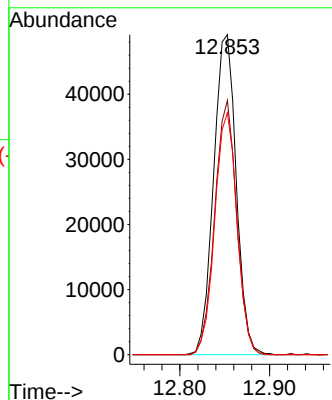
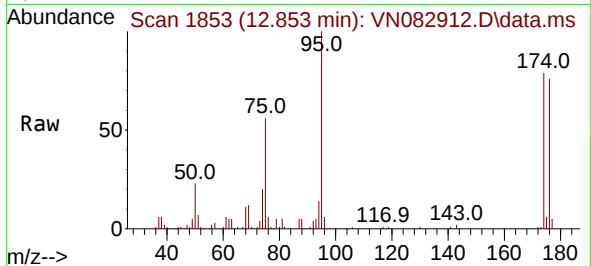




#62
4-Bromofluorobenzene
Concen: 50.276 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

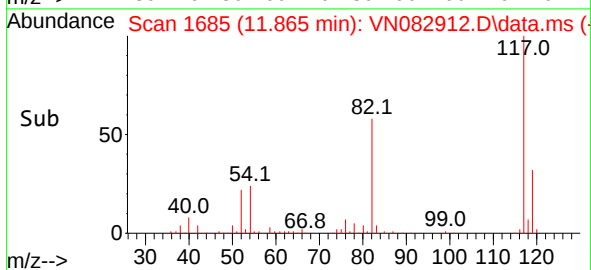
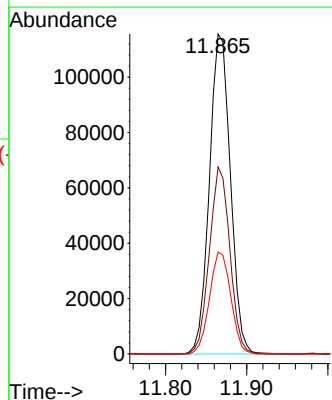
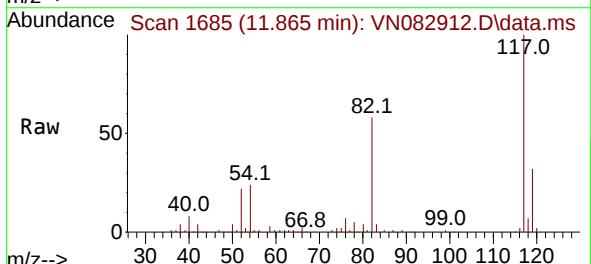
Instrument :
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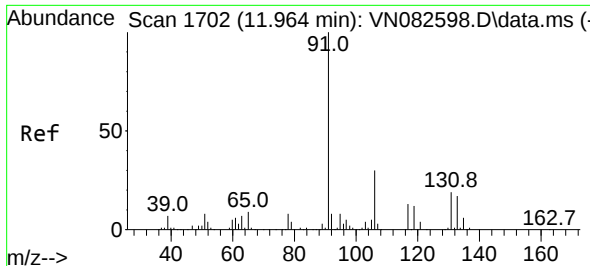
Tgt Ion: 95 Resp: 86046
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 74.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion: 117 Resp: 207406
Ion Ratio Lower Upper
117 100
82 58.4 47.5 71.3
119 31.9 25.6 38.4

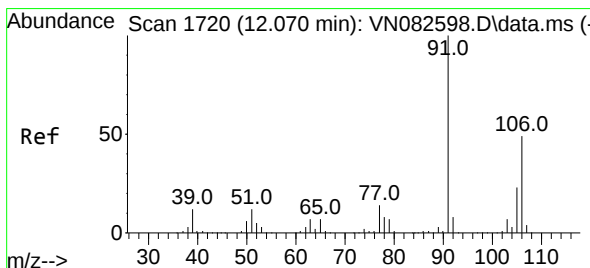
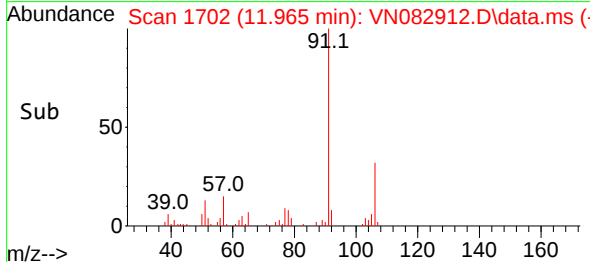
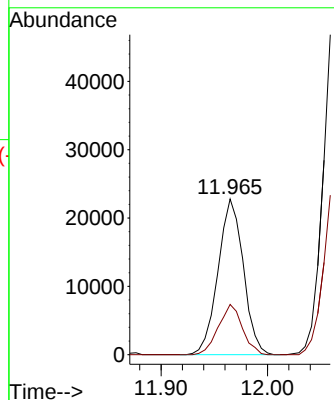
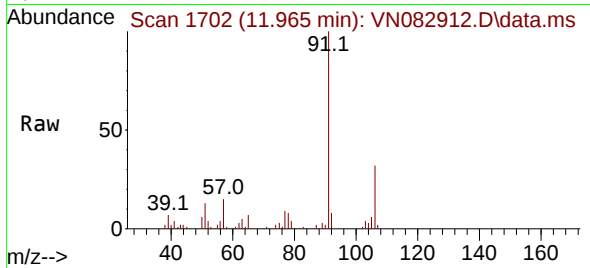




#67
Ethyl Benzene
Concen: 5.032 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.001 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

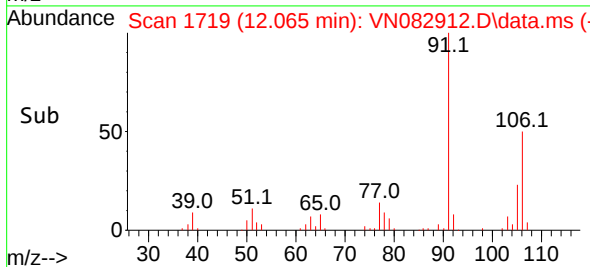
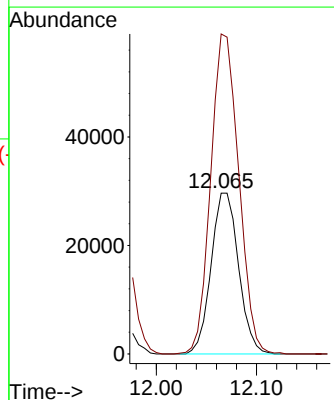
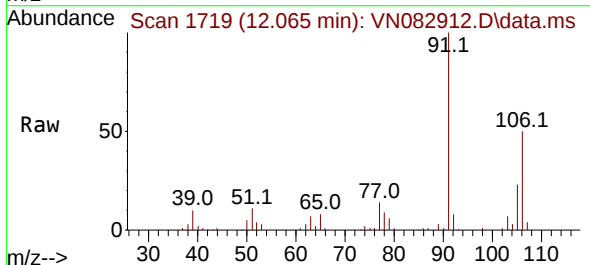
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-18

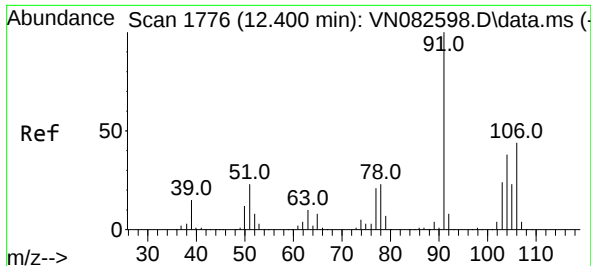
Tgt Ion: 91 Resp: 37586
Ion Ratio Lower Upper
91 100
106 32.3 24.0 36.0



#68
m/p-Xylenes
Concen: 19.963 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.005 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion:106 Resp: 56297
Ion Ratio Lower Upper
106 100
91 203.1 166.1 249.1

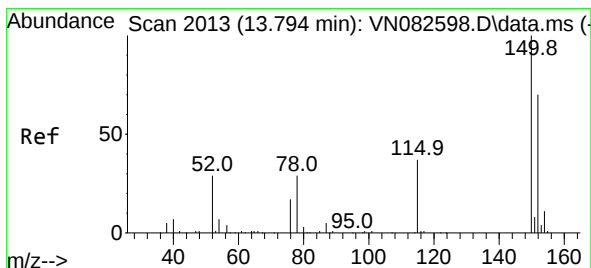
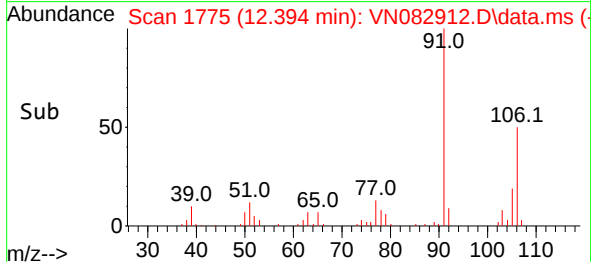
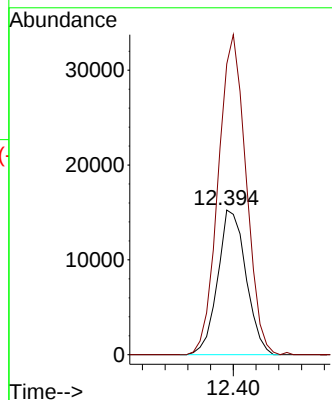
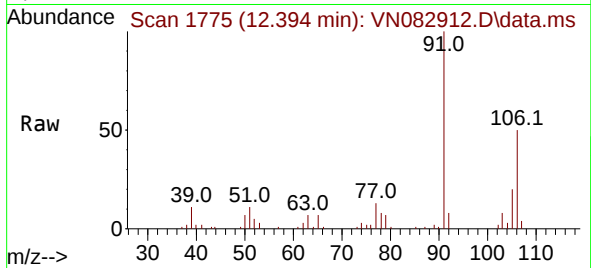




#69
o-Xylene
Concen: 9.764 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

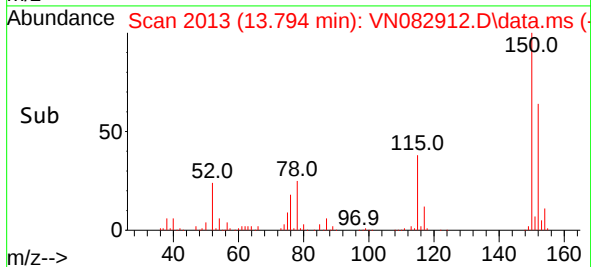
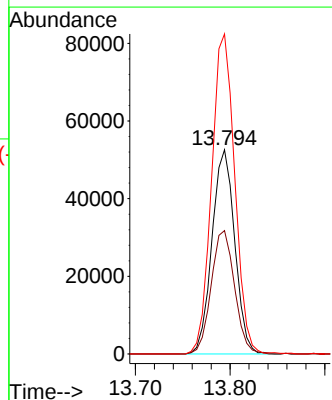
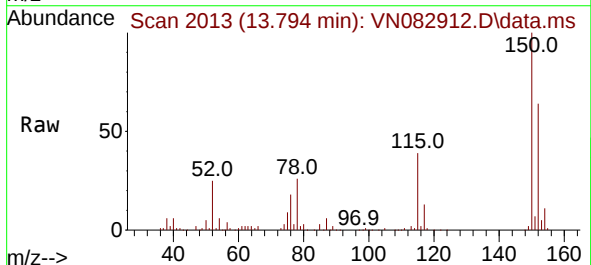
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-18

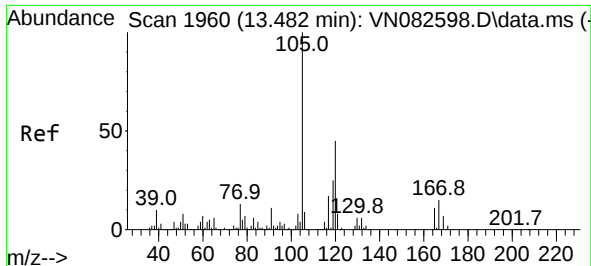
Tgt Ion:106 Resp: 26385
Ion Ratio Lower Upper
106 100
91 217.8 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion:152 Resp: 87797
Ion Ratio Lower Upper
152 100
115 61.9 30.6 91.6
150 159.2 0.0 348.6

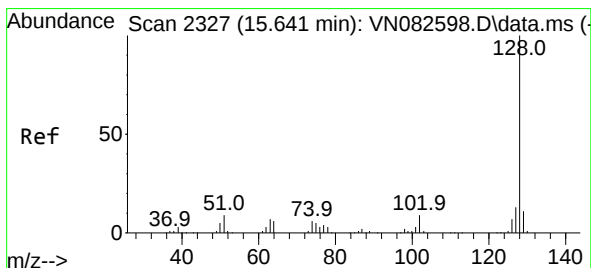
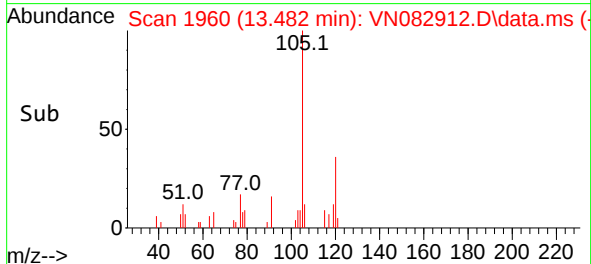
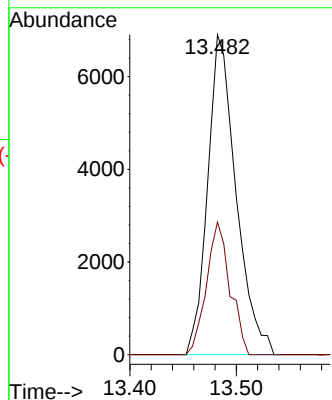
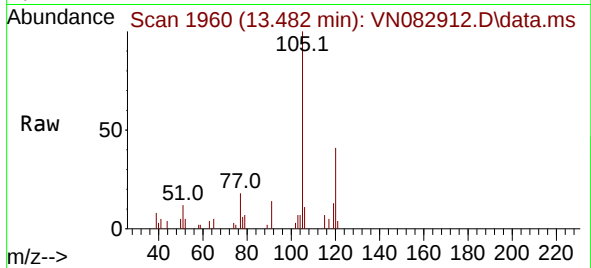




#84
1,2,4-Trimethylbenzene
Concen: 2.435 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-18

Tgt Ion:105 Resp: 12796
Ion Ratio Lower Upper
105 100
120 34.3 21.9 65.8



#95
Naphthalene
Concen: 53.348 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion:128 Resp: 284123
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.8 8.6 12.8

