

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082911.D
 Acq On : 12 Jul 2024 19:55
 Operator : JC\MD
 Sample : P3224-30
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 356STEVEN-14

Quant Time: Jul 15 01:19:30 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)

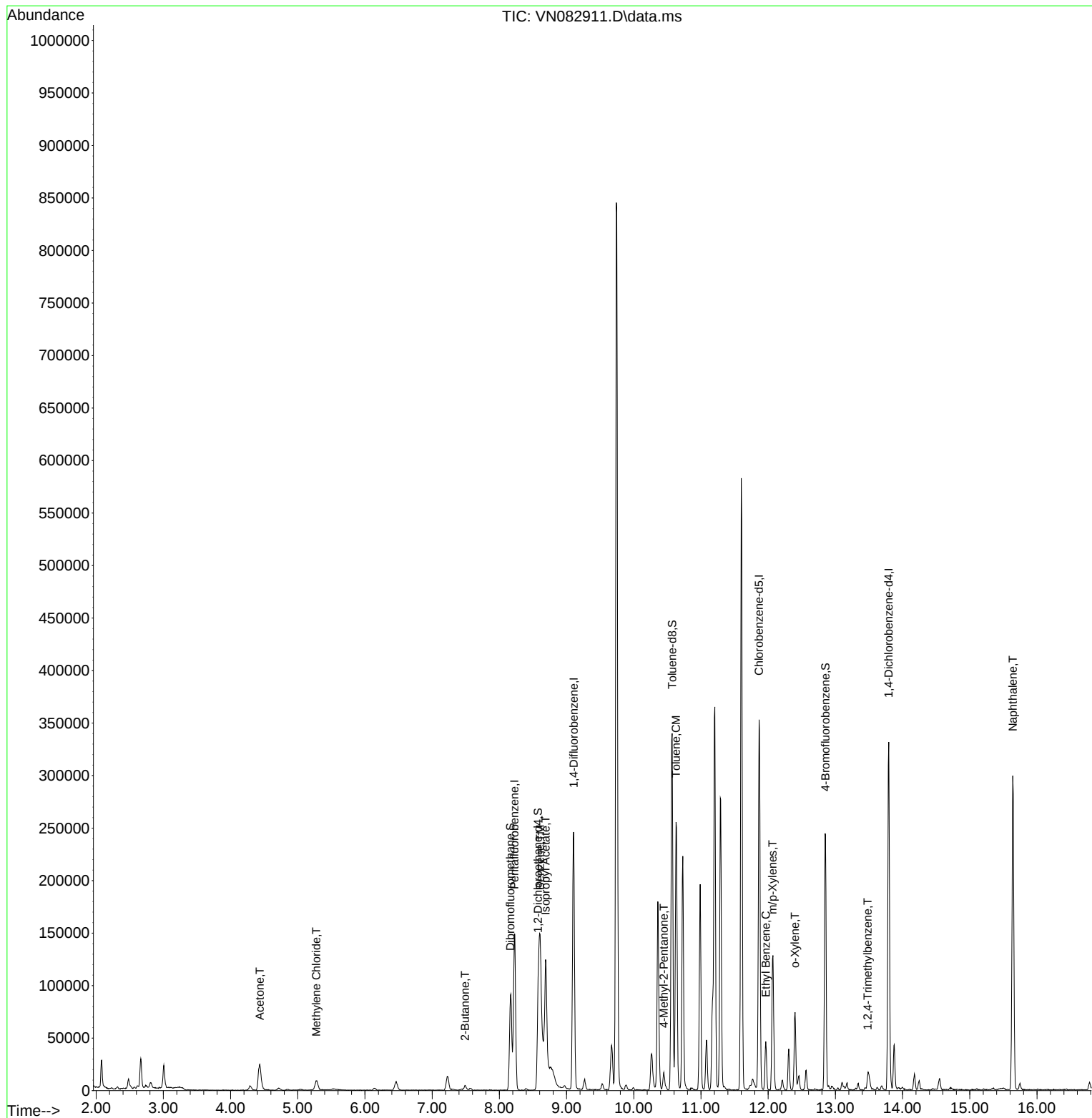
Internal Standards						
1) Pentafluorobenzene	8.224	168	104090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	203203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	80646	55.270	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.540%			
35) Dibromofluoromethane	8.165	113	66761	51.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.400%			
50) Toluene-d8	10.571	98	231932	48.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.320%			
62) 4-Bromofluorobenzene	12.853	95	82853	47.894	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 95.780%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	48788	94.970	ug/l	97
20) Methylene Chloride	5.277	84	7120	5.739	ug/l #	78
25) 2-Butanone	7.488	43	8189	10.557	ug/l	98
40) Benzene	8.606	78	126906	22.949	ug/l	100
43) Isopropyl Acetate	8.688	43	183560	53.390	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	15419	8.498	ug/l #	86
52) Toluene	10.629	92	113232	32.779	ug/l	99
67) Ethyl Benzene	11.965	91	27708	3.785	ug/l	96
68) m/p-Xylenes	12.065	106	41111	14.875	ug/l	98
69) o-Xylene	12.400	106	20661	7.802	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	11979	2.307	ug/l	76
95) Naphthalene	15.641	128	272688	51.835	ug/l	100

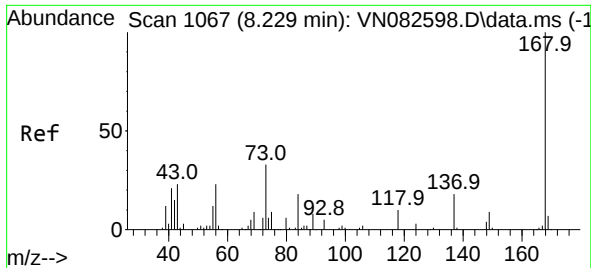
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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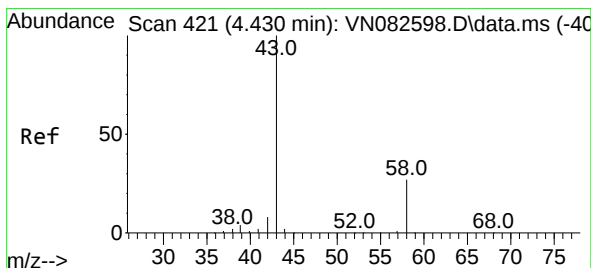
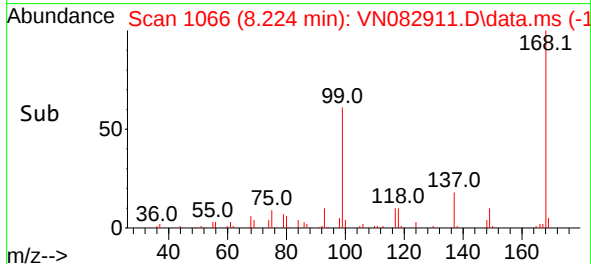
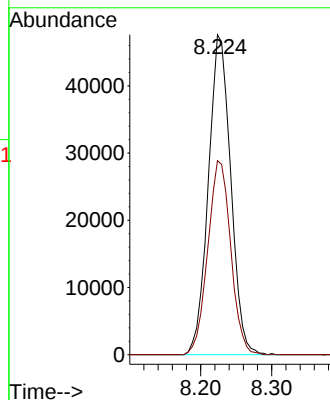
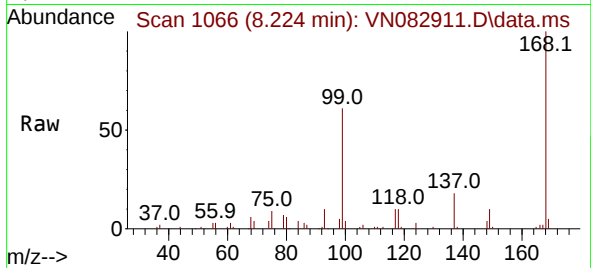




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

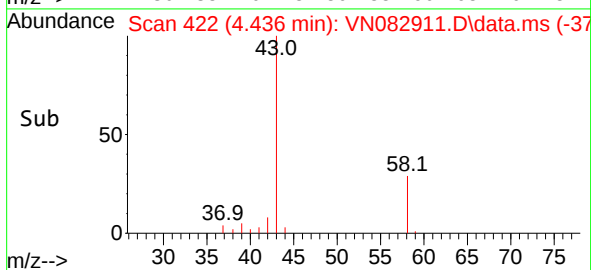
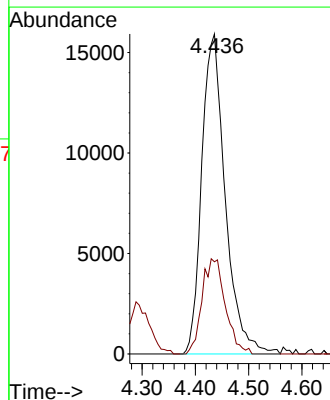
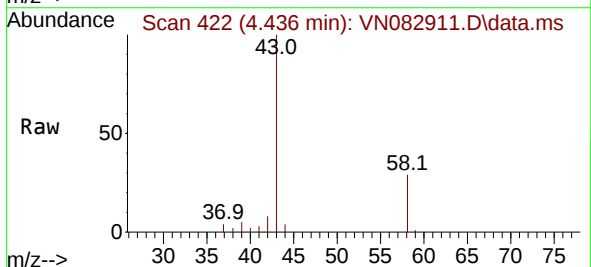
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-14

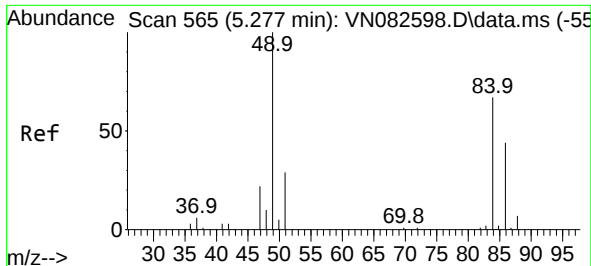
Tgt Ion:168 Resp: 104090
Ion Ratio Lower Upper
168 100
99 60.6 48.2 72.4



#16
Acetone
Concen: 94.970 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

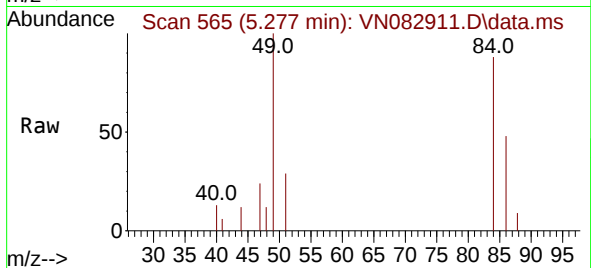
Tgt Ion: 43 Resp: 48788
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.6



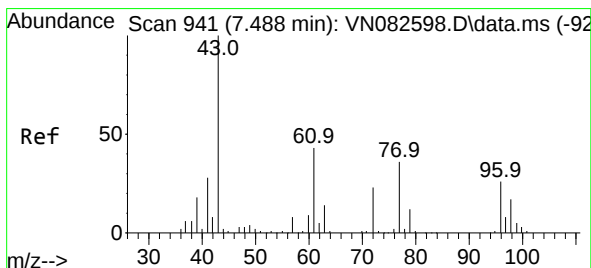
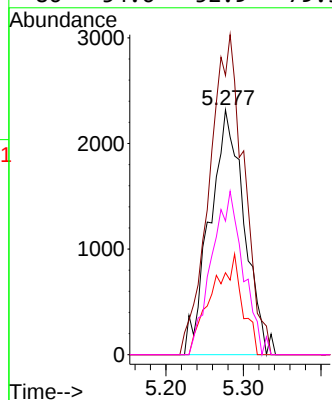
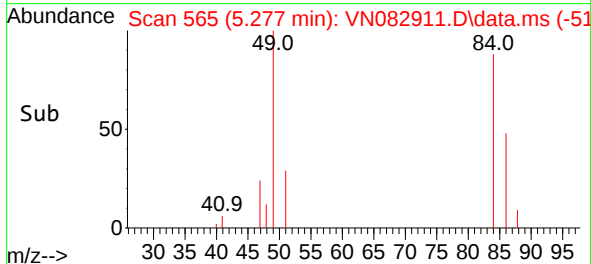


#20
Methylene Chloride
Concen: 5.739 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-14

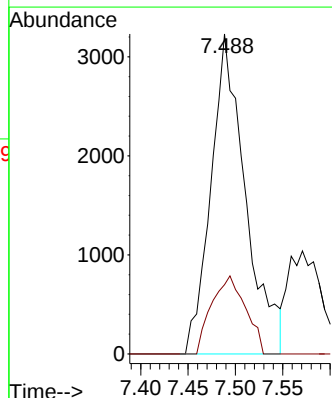
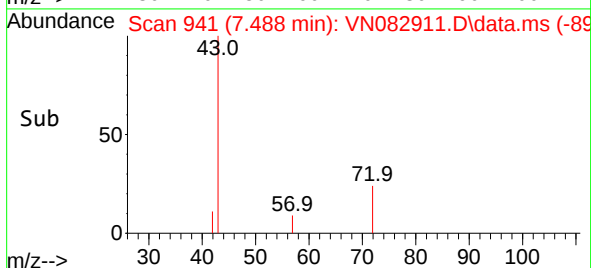
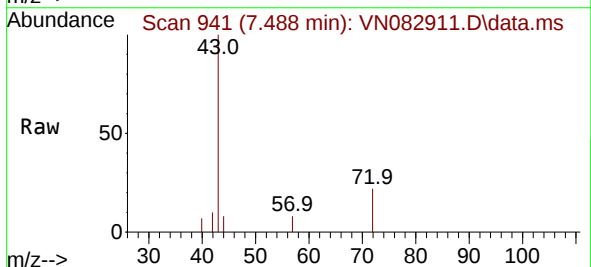


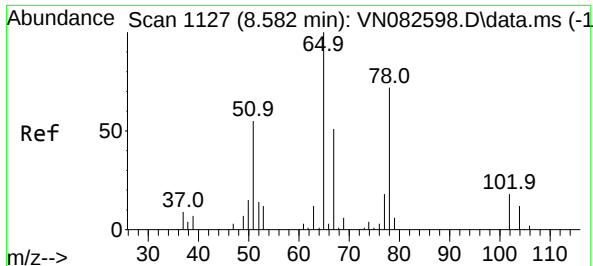
Tgt Ion:	84	Resp:	7120
Ion	Ratio	Lower	Upper
84	100		
49	114.1	119.6	179.4#
51	33.5	34.8	52.2#
86	54.6	52.9	79.3



#25
2-Butanone
Concen: 10.557 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

Tgt Ion:	43	Resp:	8189
Ion	Ratio	Lower	Upper
43	100		
72	21.6	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 55.270 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082911.D

Acq: 12 Jul 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

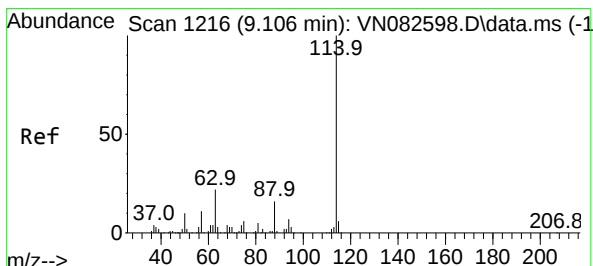
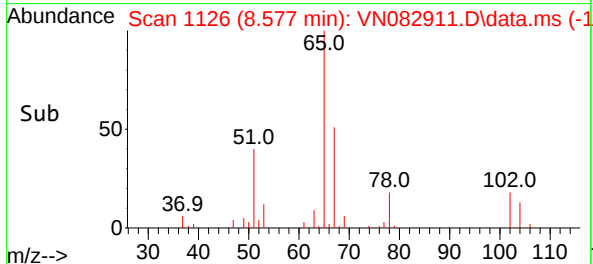
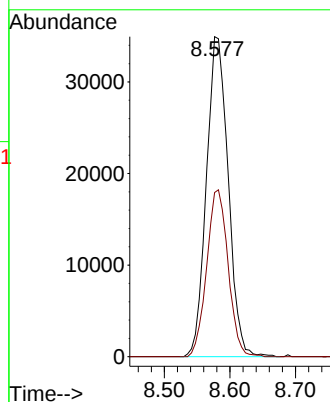
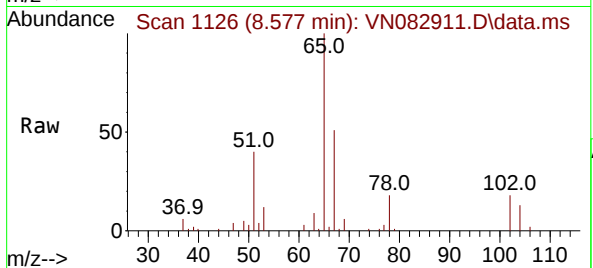
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Tgt Ion: 65 Resp: 80646

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082911.D

Acq: 12 Jul 2024 19:55

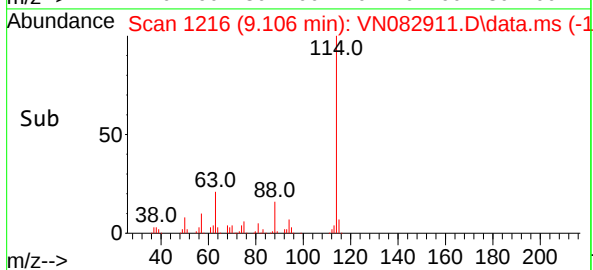
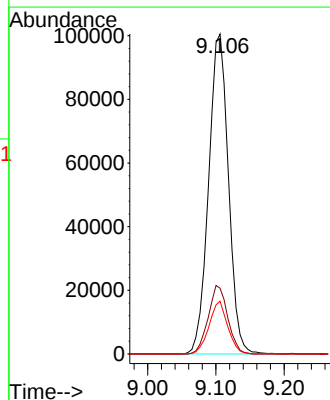
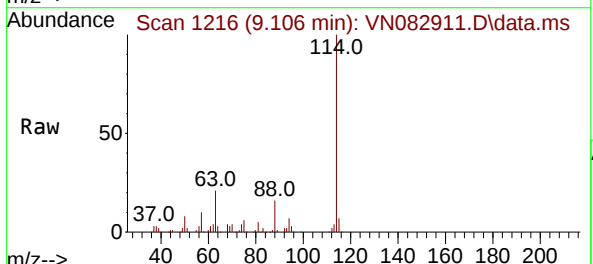
Tgt Ion: 114 Resp: 203203

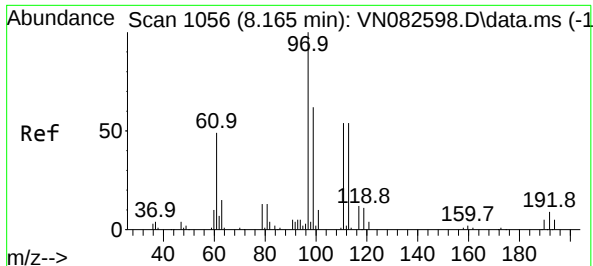
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.6

88 16.5 0.0 31.4

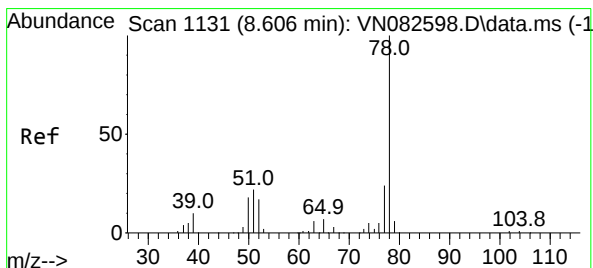
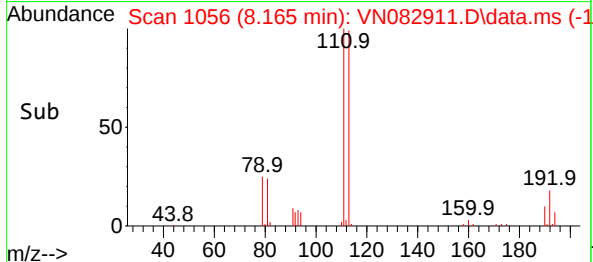
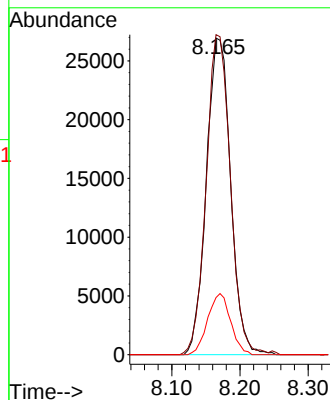
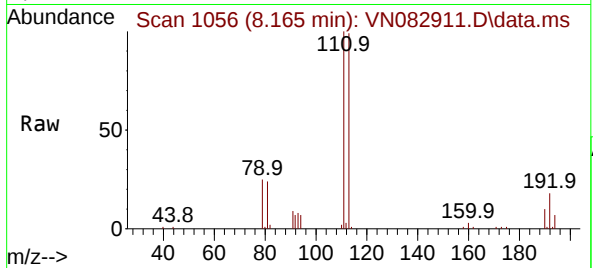




#35
Dibromofluoromethane
Concen: 51.201 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

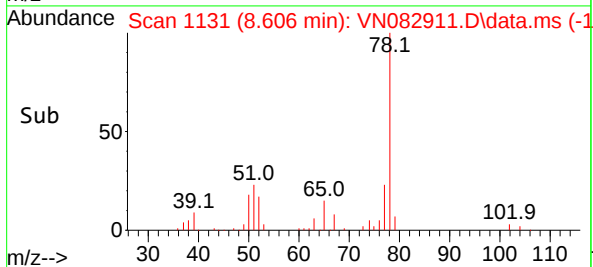
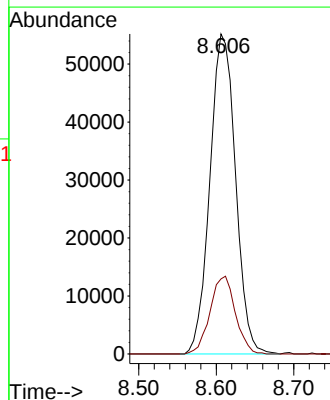
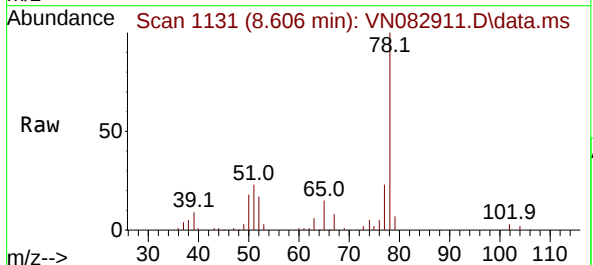
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-14

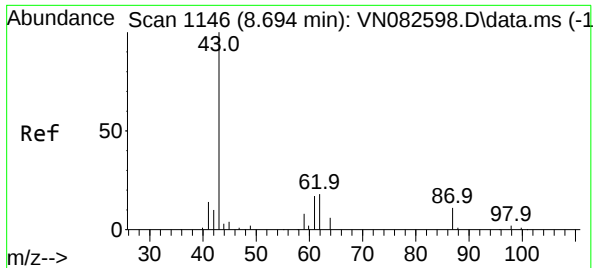
Tgt Ion:113 Resp: 66761
Ion Ratio Lower Upper
113 100
111 100.7 82.4 123.6
192 18.2 14.9 22.3



#40
Benzene
Concen: 22.949 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

Tgt Ion: 78 Resp: 126906
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

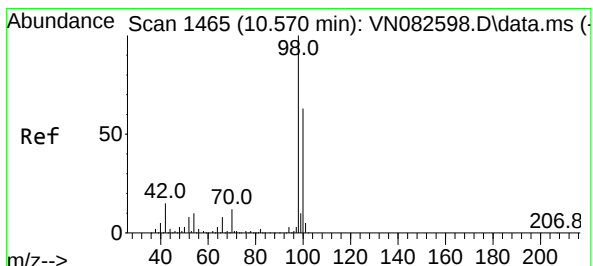
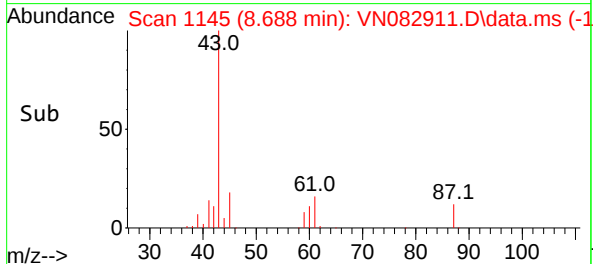
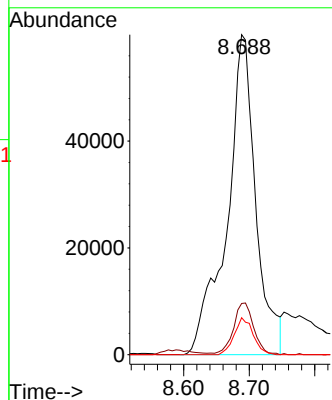
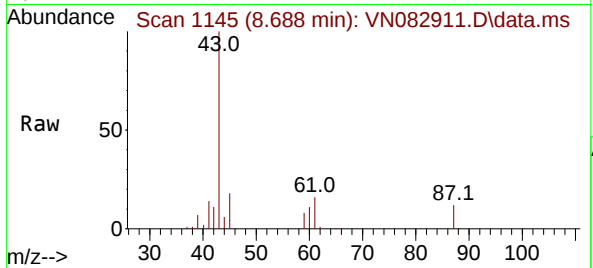




#43
Isopropyl Acetate
Concen: 53.390 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

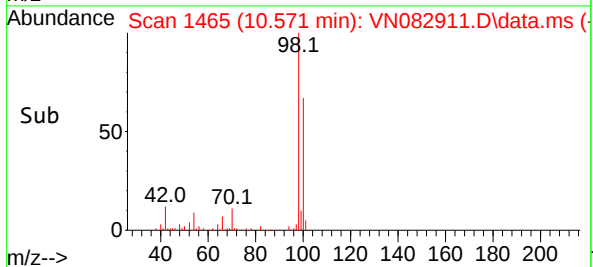
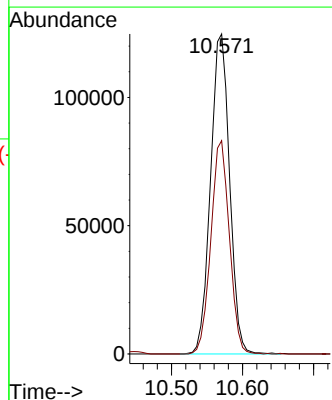
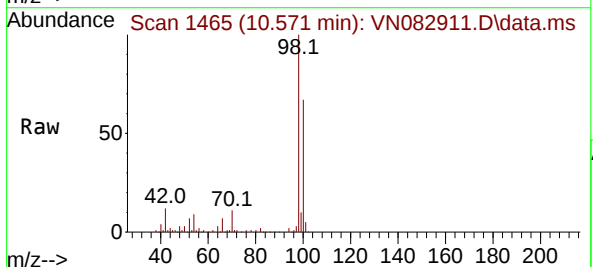
Instrument :
MSVOA_N
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356STEVEN-14

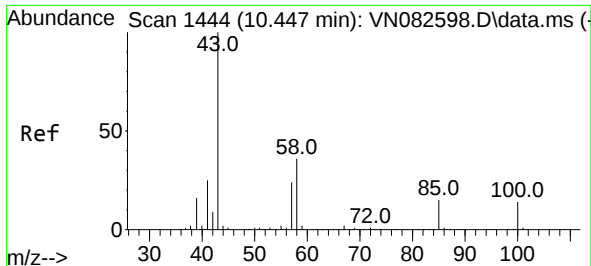
Tgt Ion: 43 Resp: 183560
Ion Ratio Lower Upper
43 100
61 11.4 17.8 26.6#
87 7.6 8.2 12.2#



#50
Toluene-d8
Concen: 48.159 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

Tgt Ion: 98 Resp: 231932
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

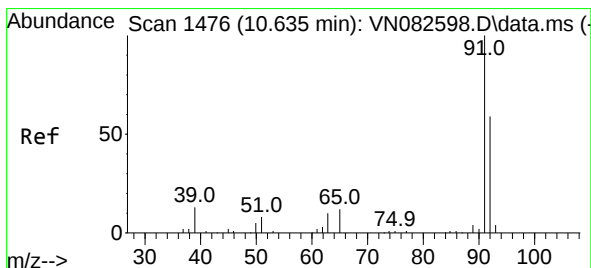
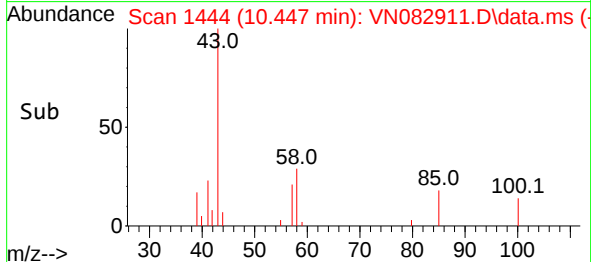
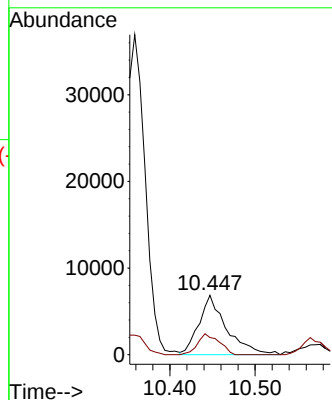
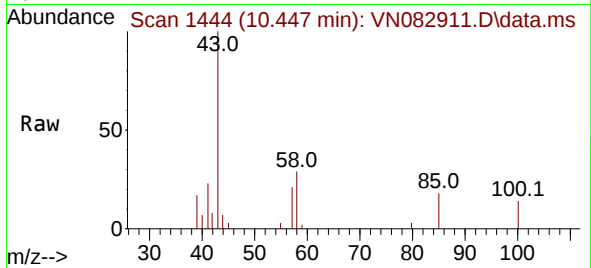




#51
4-Methyl-2-Pentanone
Concen: 8.498 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

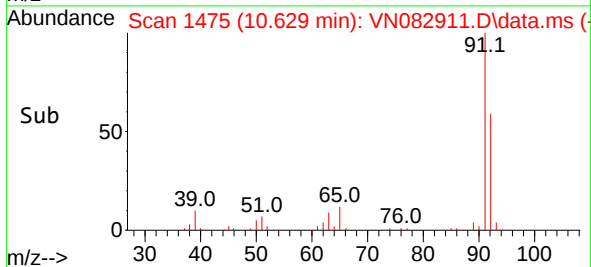
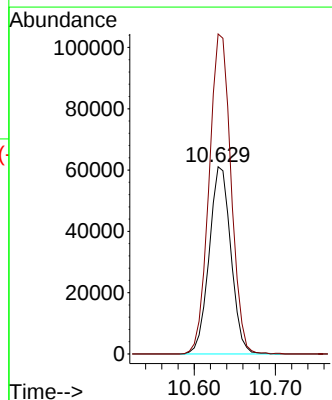
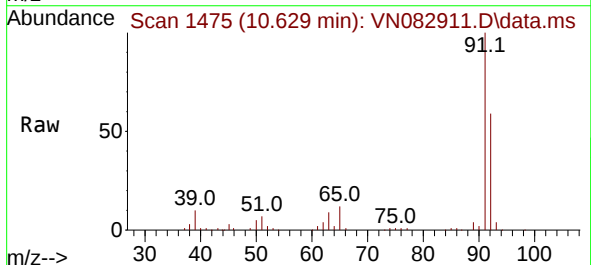
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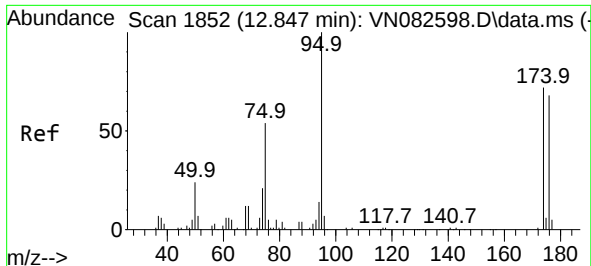
Tgt Ion: 43 Resp: 15419
Ion Ratio Lower Upper
43 100
58 27.3 28.2 42.4#



#52
Toluene
Concen: 32.779 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

Tgt Ion: 92 Resp: 113232
Ion Ratio Lower Upper
92 100
91 173.0 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 47.894 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082911.D

Acq: 12 Jul 2024 19:55

Instrument :

MSVOA_N

ClientSampleId :

356STEVEN-14

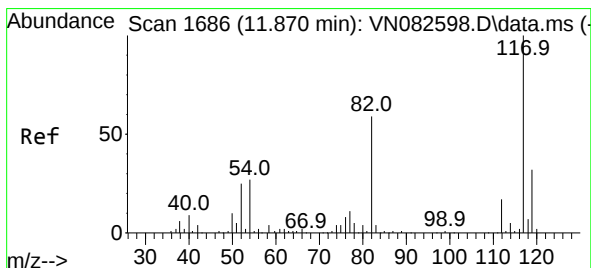
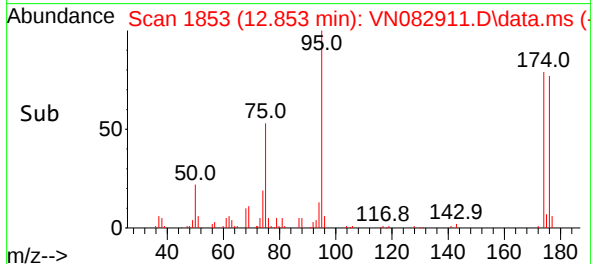
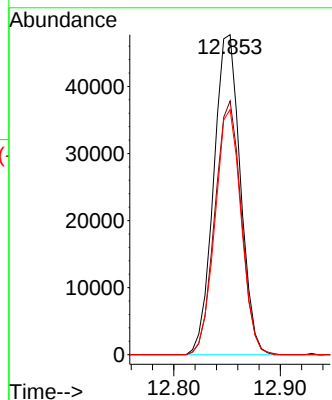
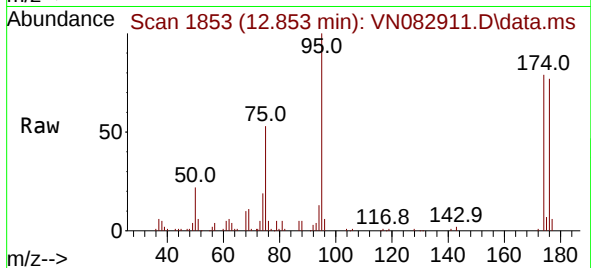
Tgt Ion: 95 Resp: 82853

Ion Ratio Lower Upper

95 100

174 78.3 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: VN082911.D

Acq: 12 Jul 2024 19:55

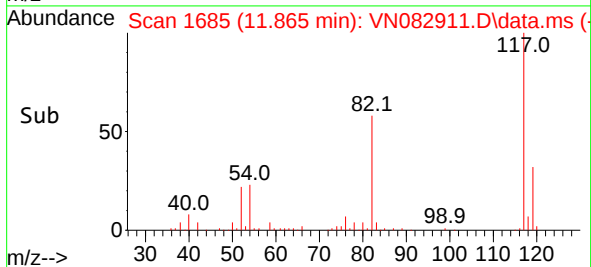
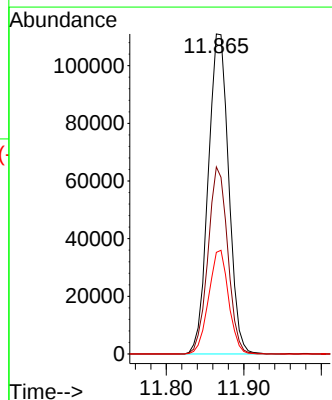
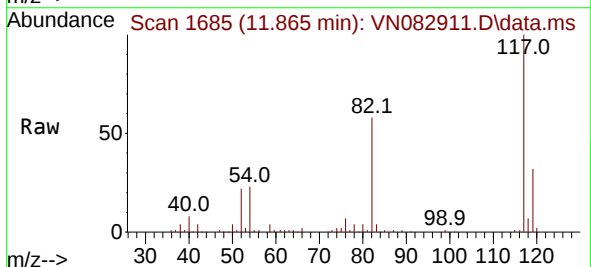
Tgt Ion: 117 Resp: 203263

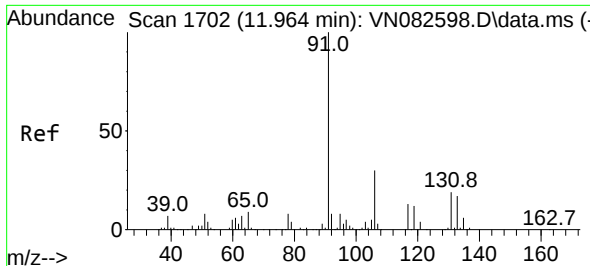
Ion Ratio Lower Upper

117 100

82 58.5 47.5 71.3

119 31.8 25.6 38.4

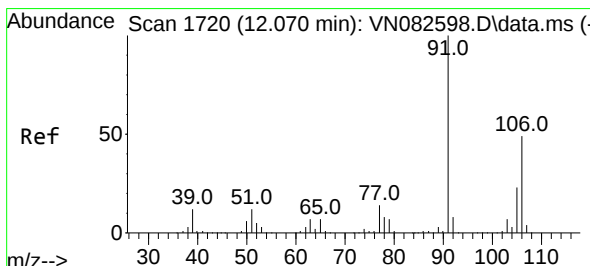
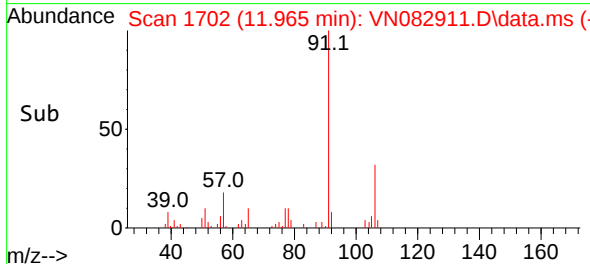
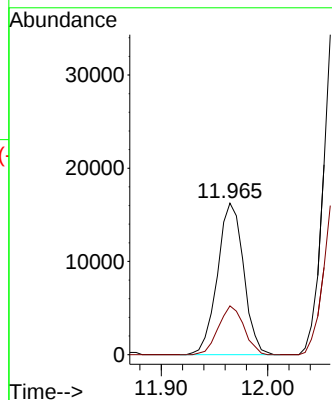
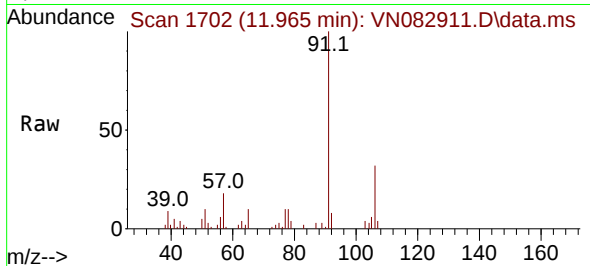




#67
Ethyl Benzene
Concen: 3.785 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.001 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

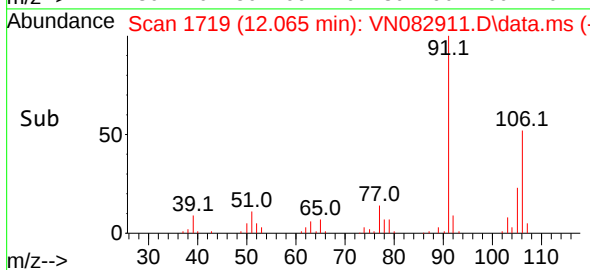
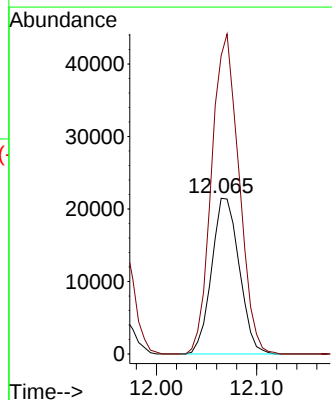
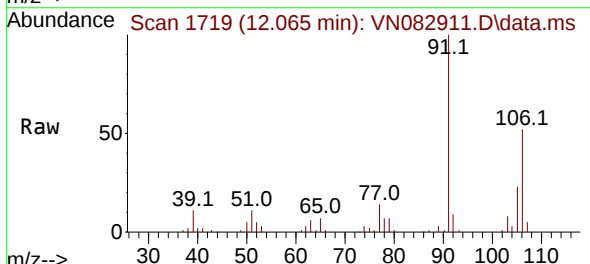
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-14

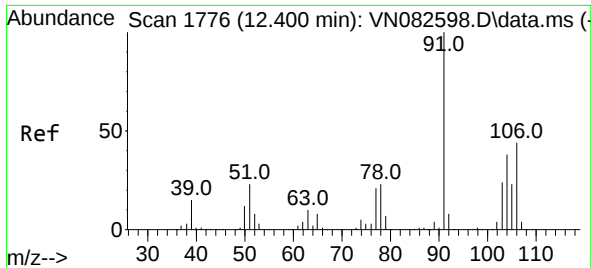
Tgt Ion: 91 Resp: 27708
Ion Ratio Lower Upper
91 100
106 32.2 24.0 36.0



#68
m/p-Xylenes
Concen: 14.875 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.005 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

Tgt Ion: 106 Resp: 41111
Ion Ratio Lower Upper
106 100
91 204.0 166.1 249.1

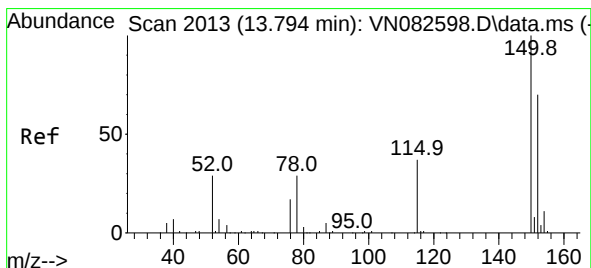
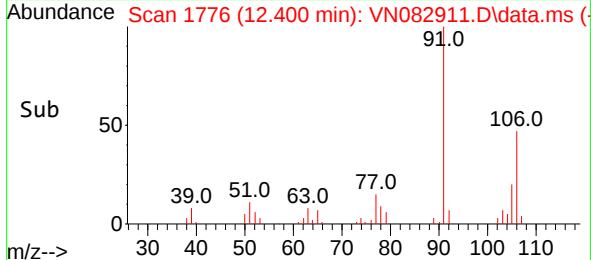
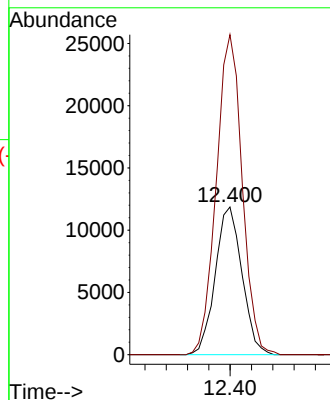
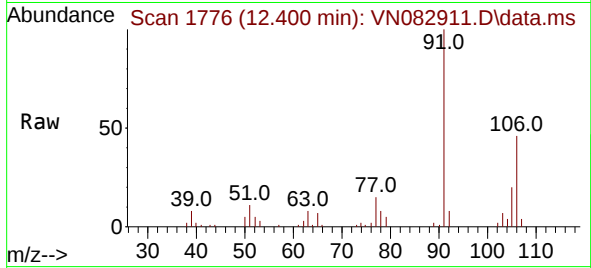




#69
o-Xylene
Concen: 7.802 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

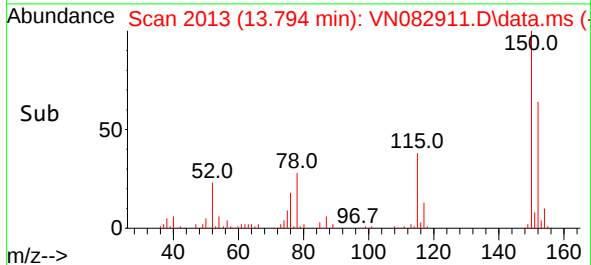
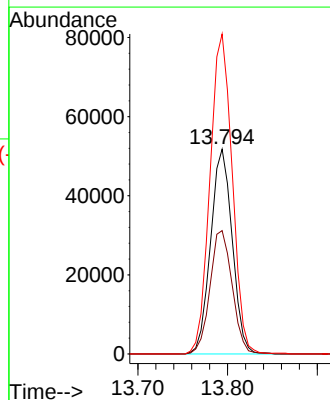
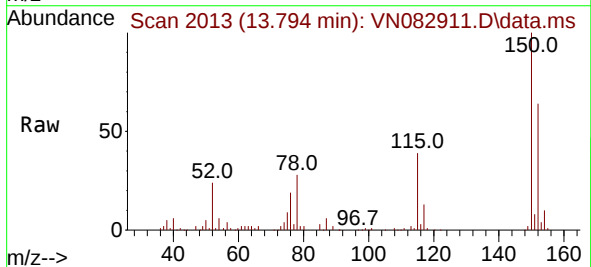
Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-14

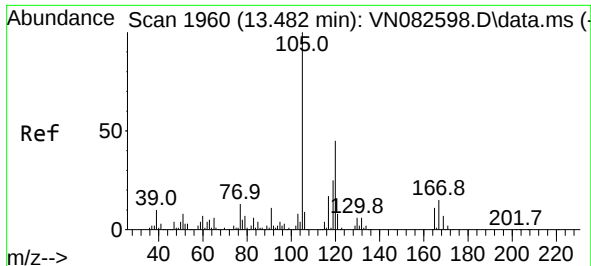
Tgt Ion:106 Resp: 20661
Ion Ratio Lower Upper
106 100
91 210.2 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

Tgt Ion:152 Resp: 86723
Ion Ratio Lower Upper
152 100
115 61.7 30.6 91.6
150 160.2 0.0 348.6

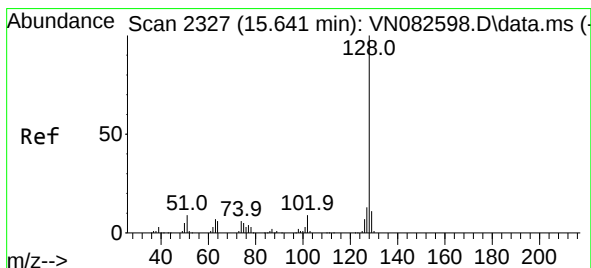
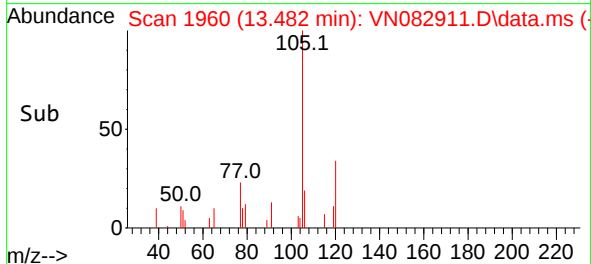
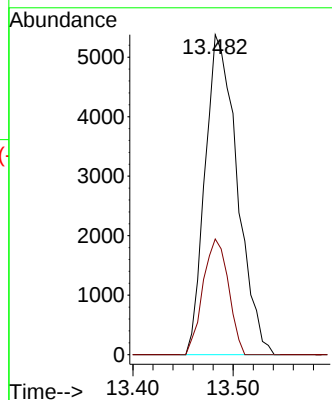
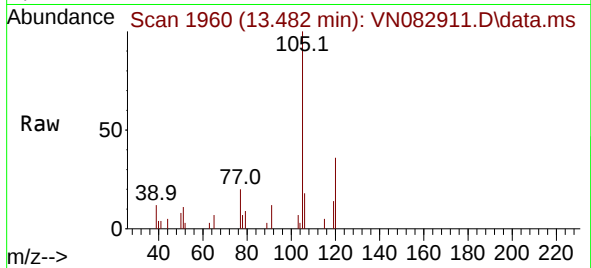




#84
1,2,4-Trimethylbenzene
Concen: 2.307 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

Instrument :
MSVOA_N
ClientSampleId :
356STEVEN-14

Tgt Ion:105 Resp: 11979
Ion Ratio Lower Upper
105 100
120 28.6 21.9 65.8



#95
Naphthalene
Concen: 51.835 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082911.D
Acq: 12 Jul 2024 19:55

Tgt Ion:128 Resp: 272688
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.6 8.6 12.8

