

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018856.D
 Acq On : 17 Jul 2024 19:01
 Operator : SY/MD
 Sample : P3224-25RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 356STEVEN-13RE

Quant Time: Jul 18 01:31:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

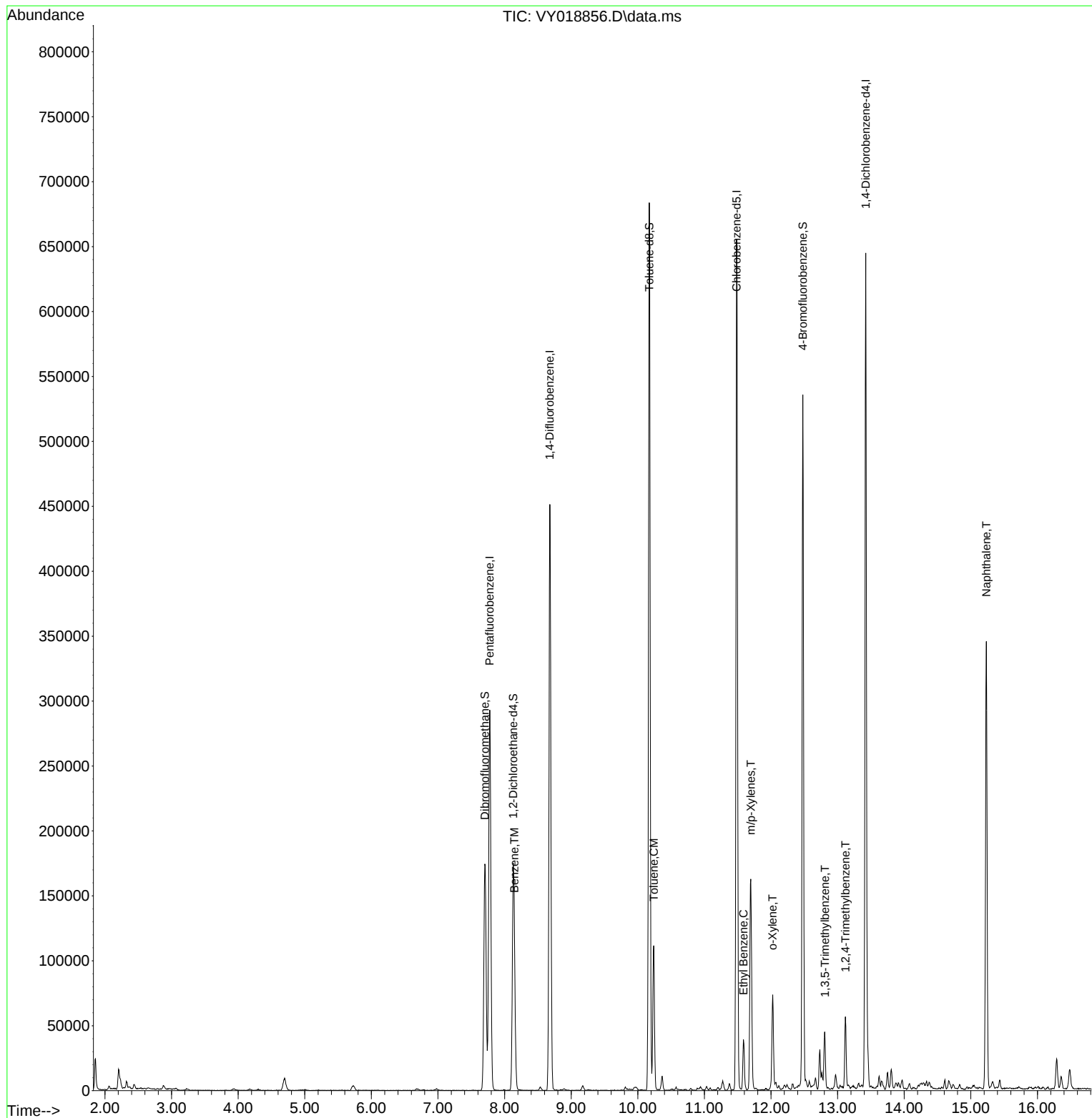
Internal Standards						
1) Pentafluorobenzene	7.777	168	228215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	392441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	361570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	115531	51.446	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.900%			
35) Dibromofluoromethane	7.703	113	121964	49.620	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.240%			
50) Toluene-d8	10.172	98	440341	47.287	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.580%			
62) 4-Bromofluorobenzene	12.477	95	152210	47.863	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.720%			
Target Compounds					Qvalue	
40) Benzene	8.148	78	48109	4.889	ug/l	96
52) Toluene	10.240	92	47544	7.270	ug/l	95
67) Ethyl Benzene	11.587	91	26048	1.949	ug/l	100
68) m/p-Xylenes	11.697	106	48249	9.202	ug/l	99
69) o-Xylene	12.026	106	19045	3.863	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	12022	1.253	ug/l	88
84) 1,2,4-Trimethylbenzene	13.117	105	29874	3.133	ug/l	99
95) Naphthalene	15.233	128	277504	55.792	ug/l	100

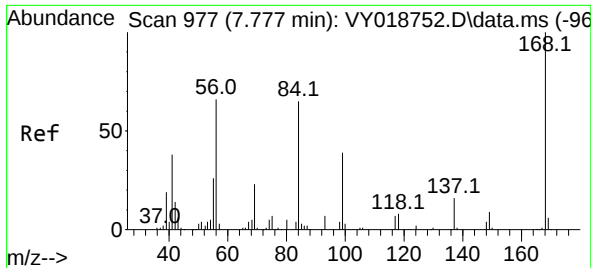
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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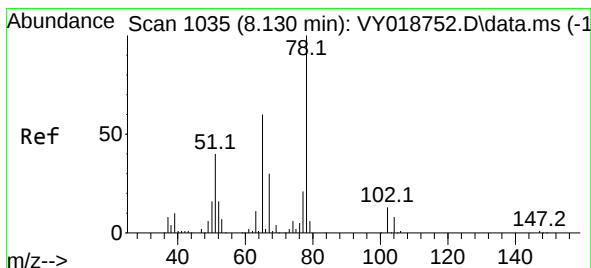
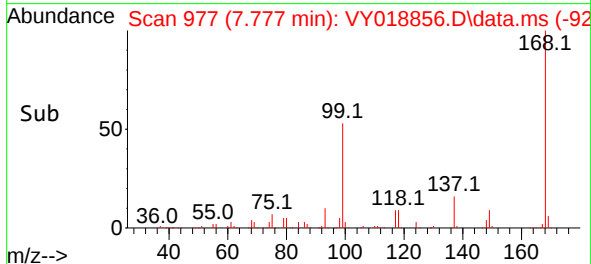
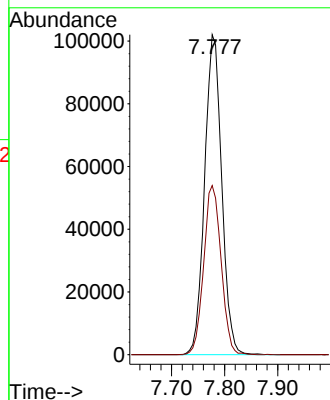
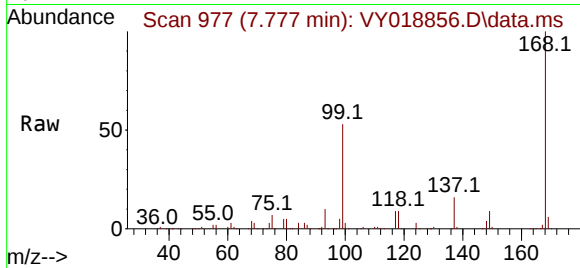




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

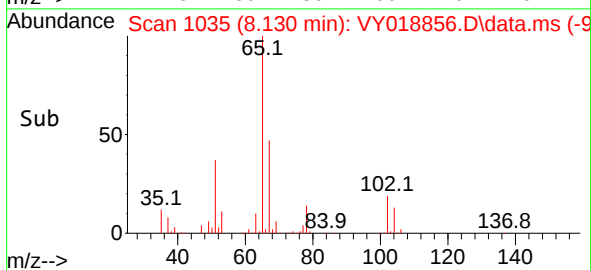
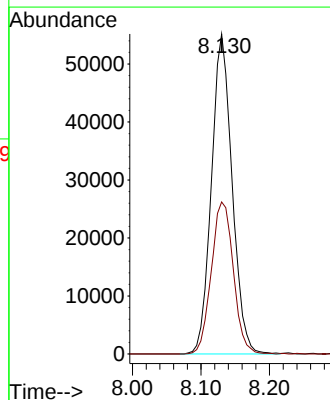
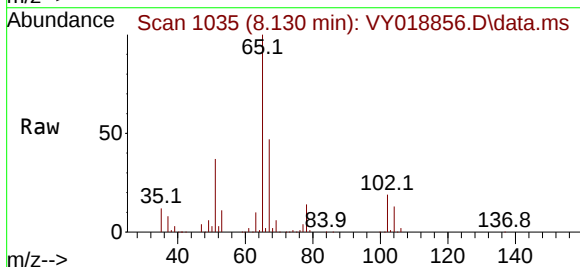
Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-13RE

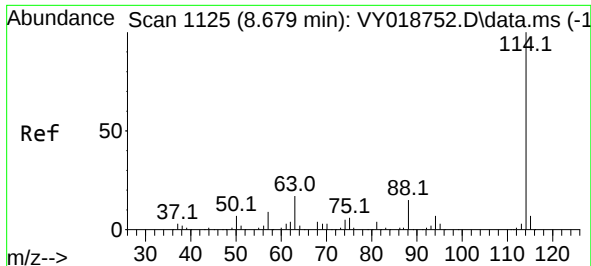
Tgt Ion:168 Resp: 228215
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.446 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

Tgt Ion: 65 Resp: 115531
Ion Ratio Lower Upper
65 100
67 50.5 0.0 109.6

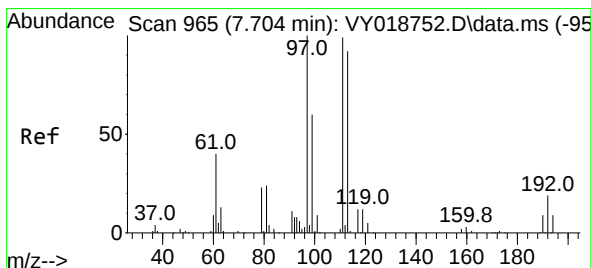
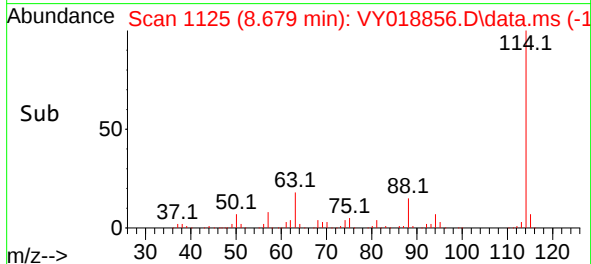
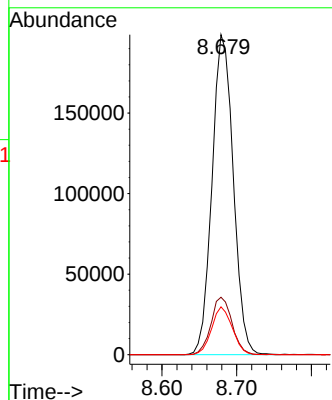
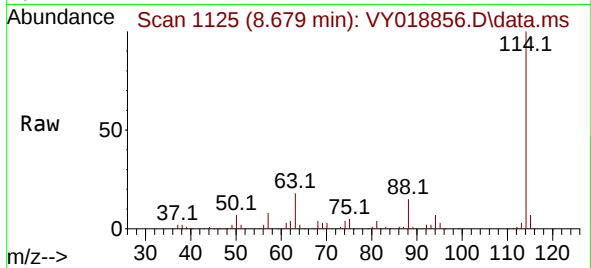




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

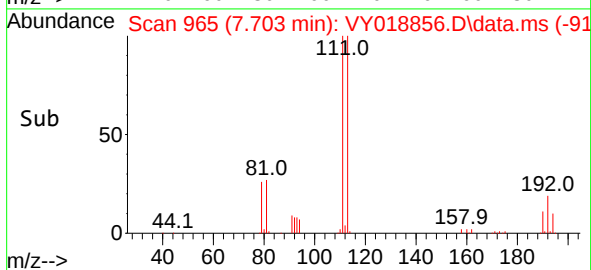
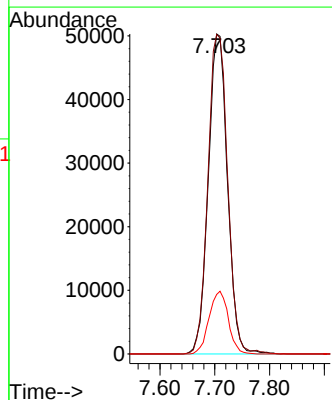
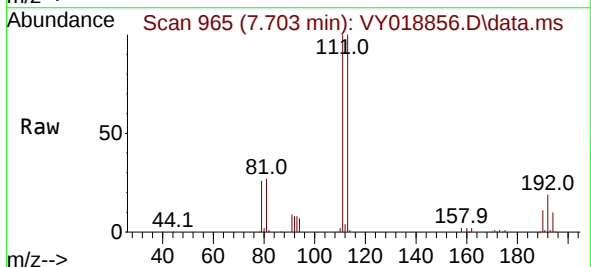
Instrument :
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ClientSampleId :
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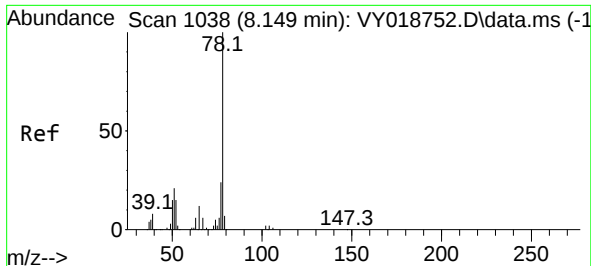
Tgt Ion:114 Resp: 392441
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 15.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.620 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

Tgt Ion:113 Resp: 121964
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 19.7 15.9 23.9

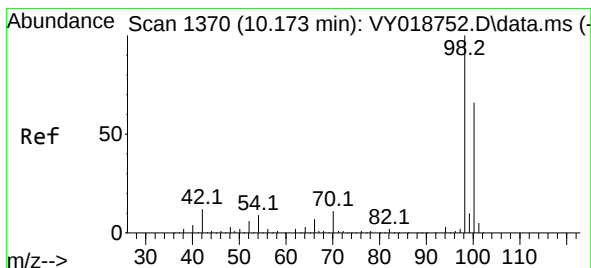
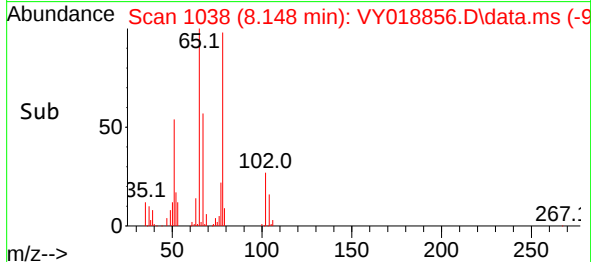
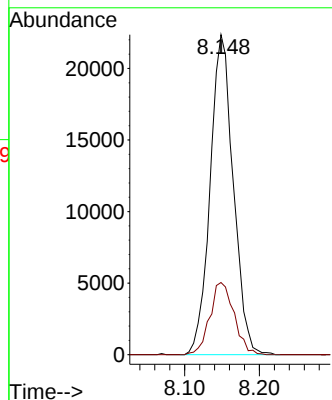
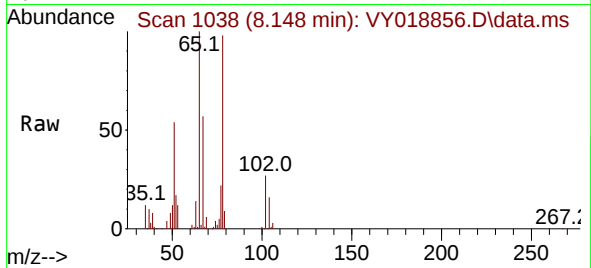




#40
Benzene
Concen: 4.889 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

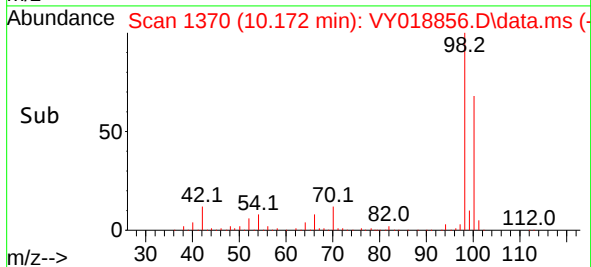
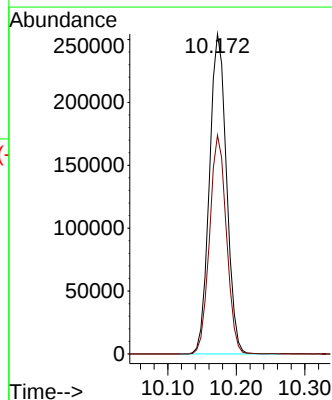
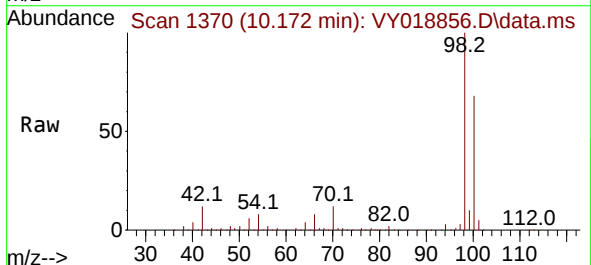
Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-13RE

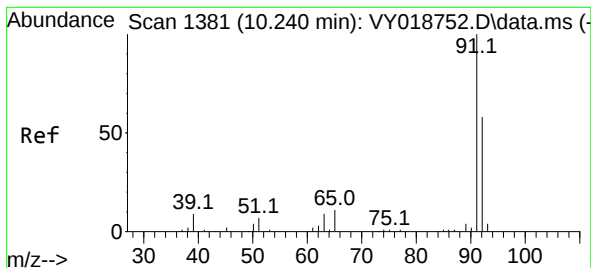
Tgt Ion: 78 Resp: 48109
Ion Ratio Lower Upper
78 100
77 22.5 19.5 29.3



#50
Toluene-d8
Concen: 47.287 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

Tgt Ion: 98 Resp: 440341
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0





#52

Toluene

Concen: 7.270 ug/l

RT: 10.240 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018856.D

Acq: 17 Jul 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

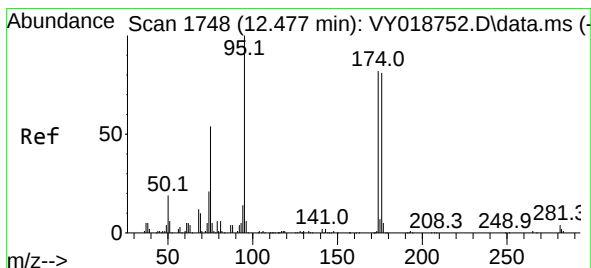
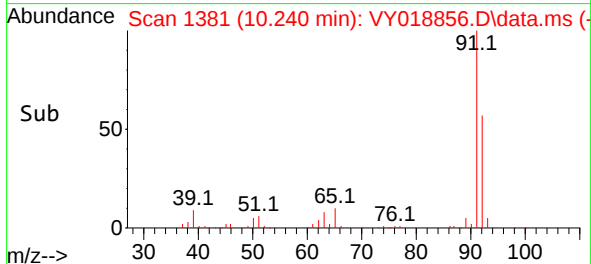
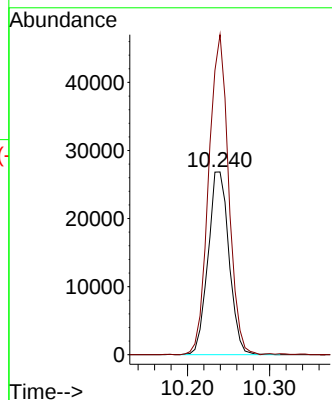
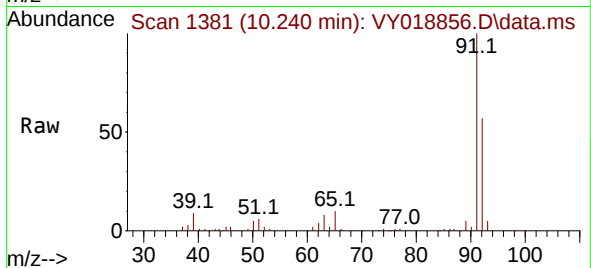
356STEVEN-13RE

Tgt Ion: 92 Resp: 47544

Ion Ratio Lower Upper

92 100

91 166.4 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 47.863 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018856.D

Acq: 17 Jul 2024 19:01

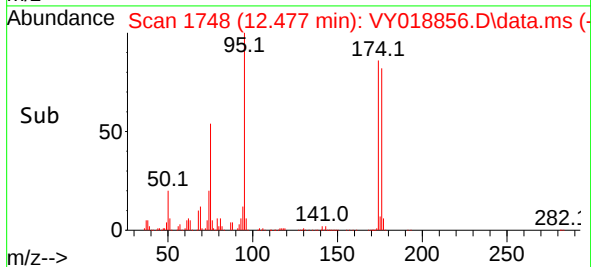
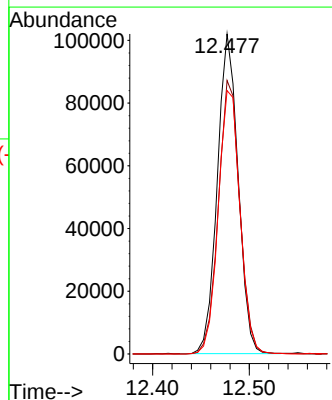
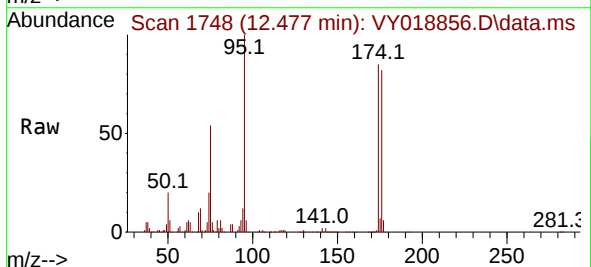
Tgt Ion: 95 Resp: 152210

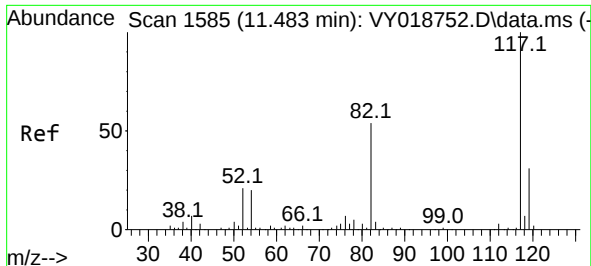
Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.6

176 86.3 0.0 171.4

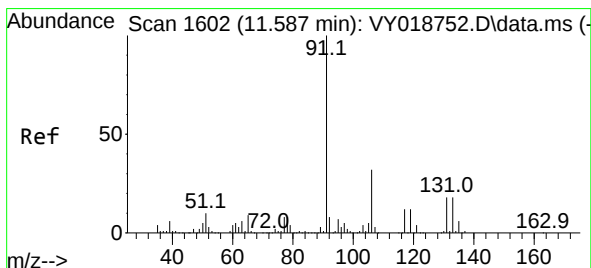
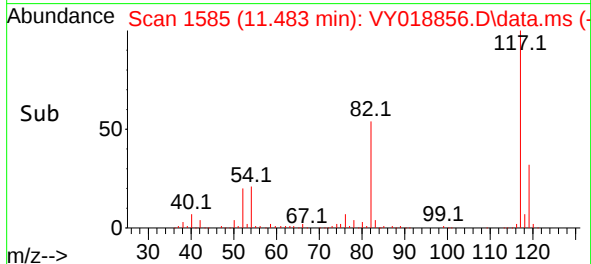
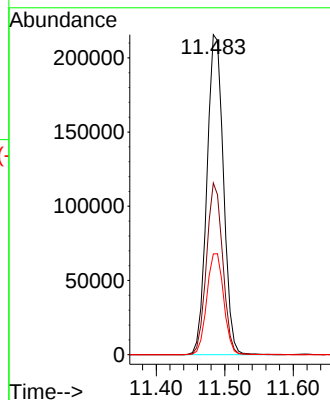
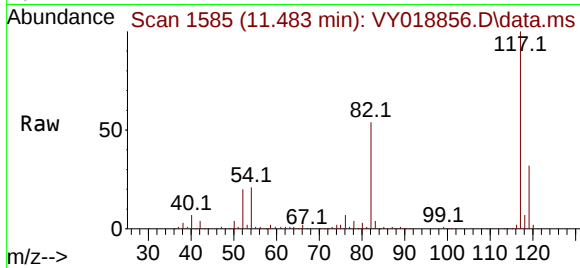




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

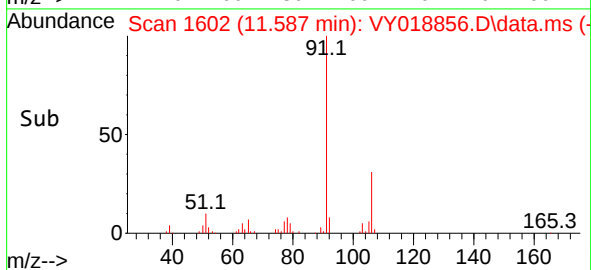
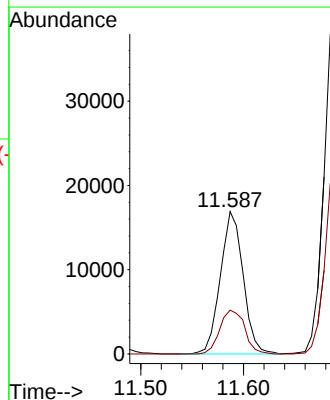
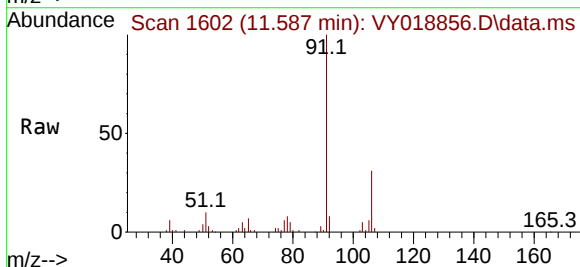
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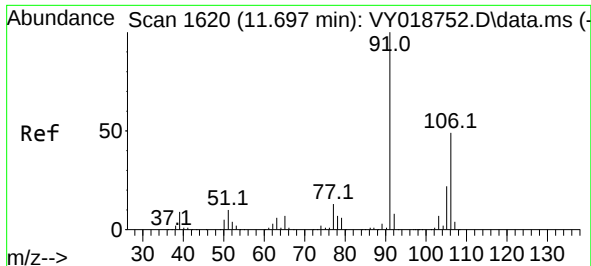
Tgt Ion:117 Resp: 361570
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 31.5 25.9 38.9



#67
Ethyl Benzene
Concen: 1.949 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

Tgt Ion: 91 Resp: 26048
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7

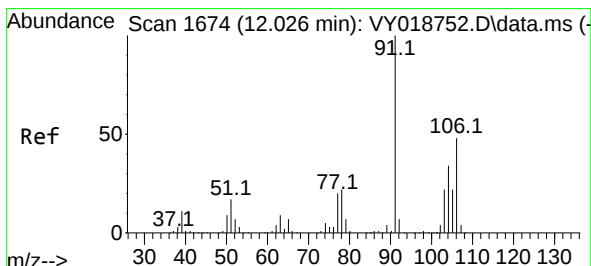
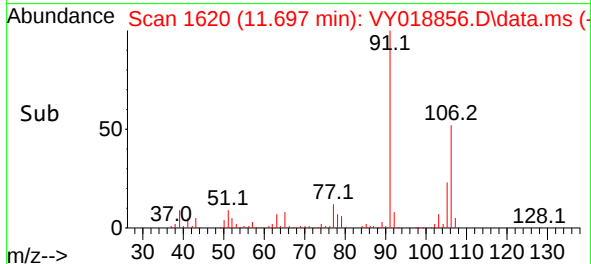
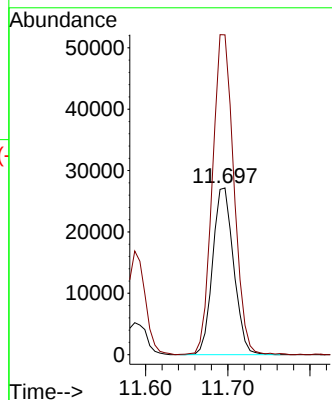
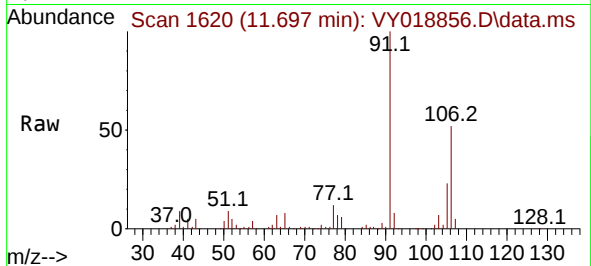




#68
m/p-Xylenes
Concen: 9.202 ug/l
RT: 11.697 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

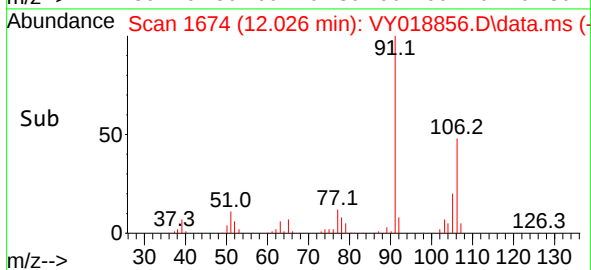
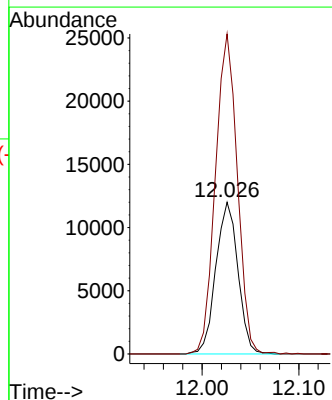
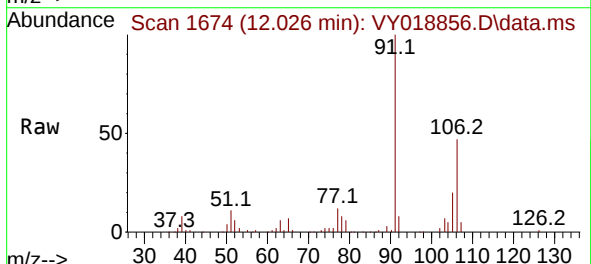
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356STEVEN-13RE

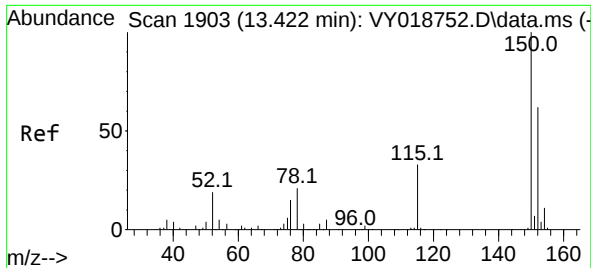
Tgt Ion:106 Resp: 48249
Ion Ratio Lower Upper
106 100
91 196.4 156.0 234.0



#69
o-Xylene
Concen: 3.863 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

Tgt Ion:106 Resp: 19045
Ion Ratio Lower Upper
106 100
91 209.2 103.6 310.8

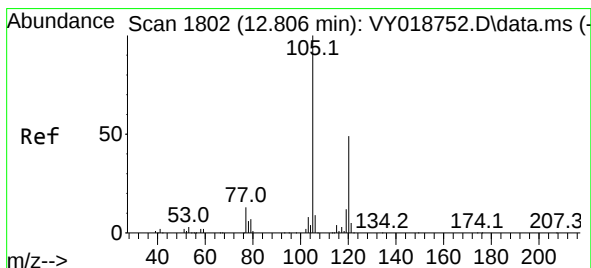
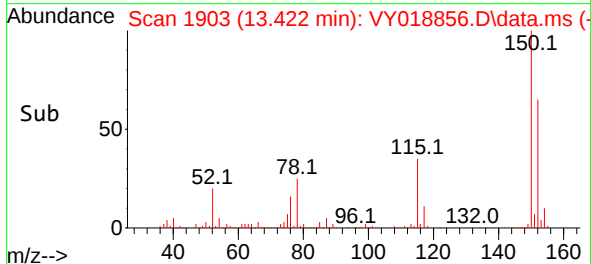
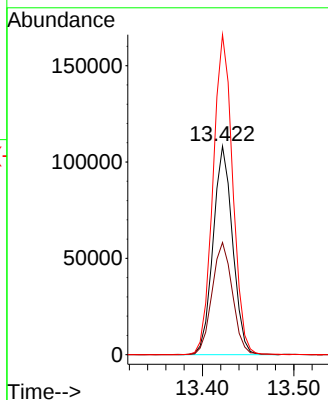
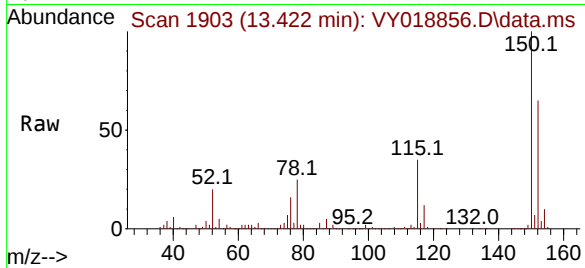




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018856.D
 Acq: 17 Jul 2024 19:01

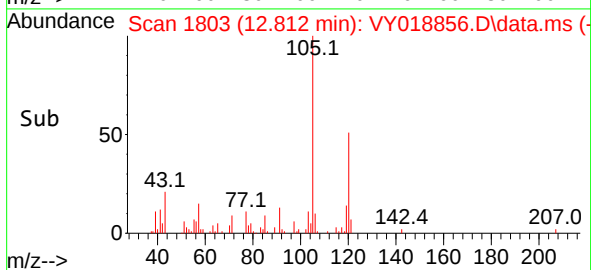
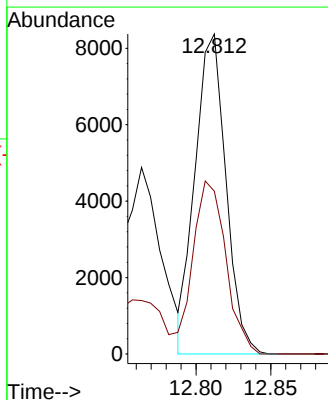
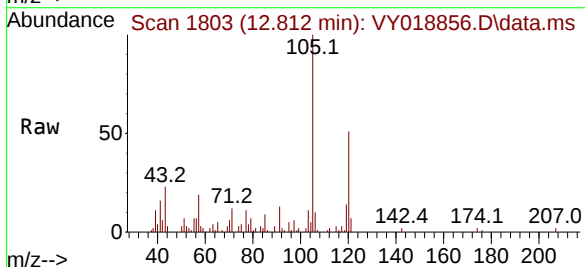
Instrument :
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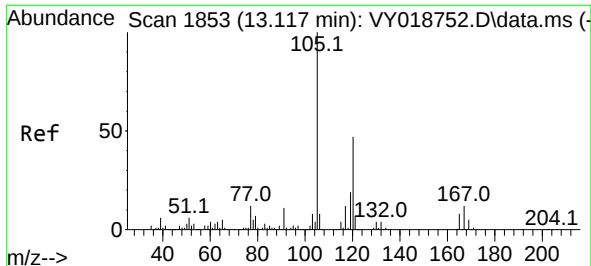
Tgt Ion:152 Resp: 160233
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 155.1 0.0 345.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.253 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.006 min
 Lab File: VY018856.D
 Acq: 17 Jul 2024 19:01

Tgt Ion:105 Resp: 12022
 Ion Ratio Lower Upper
 105 100
 120 58.3 25.1 75.2

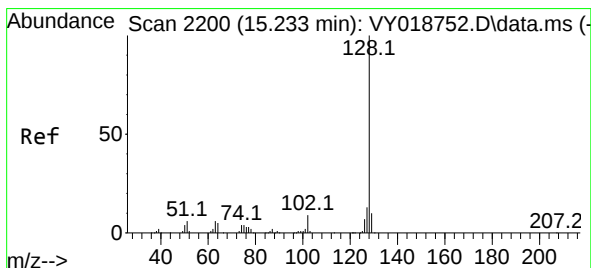
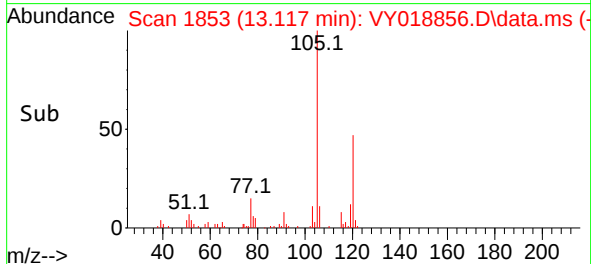
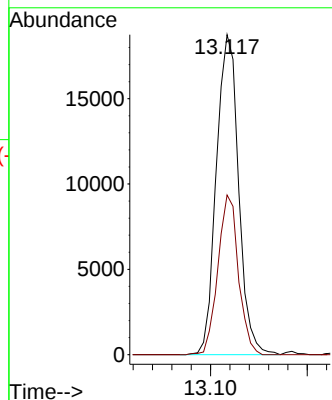
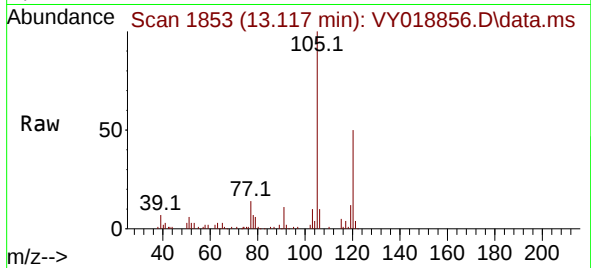




#84
1,2,4-Trimethylbenzene
Concen: 3.133 ug/l
RT: 13.117 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-13RE

Tgt Ion:105 Resp: 29874
Ion Ratio Lower Upper
105 100
120 46.0 23.2 69.6



#95
Naphthalene
Concen: 55.792 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY018856.D
Acq: 17 Jul 2024 19:01

Tgt Ion:128 Resp: 277504
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0

