

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018855.D
 Acq On : 17 Jul 2024 18:36
 Operator : SY/MD
 Sample : P3224-17RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 356STEVEN-7RE

Quant Time: Jul 18 01:31:08 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)

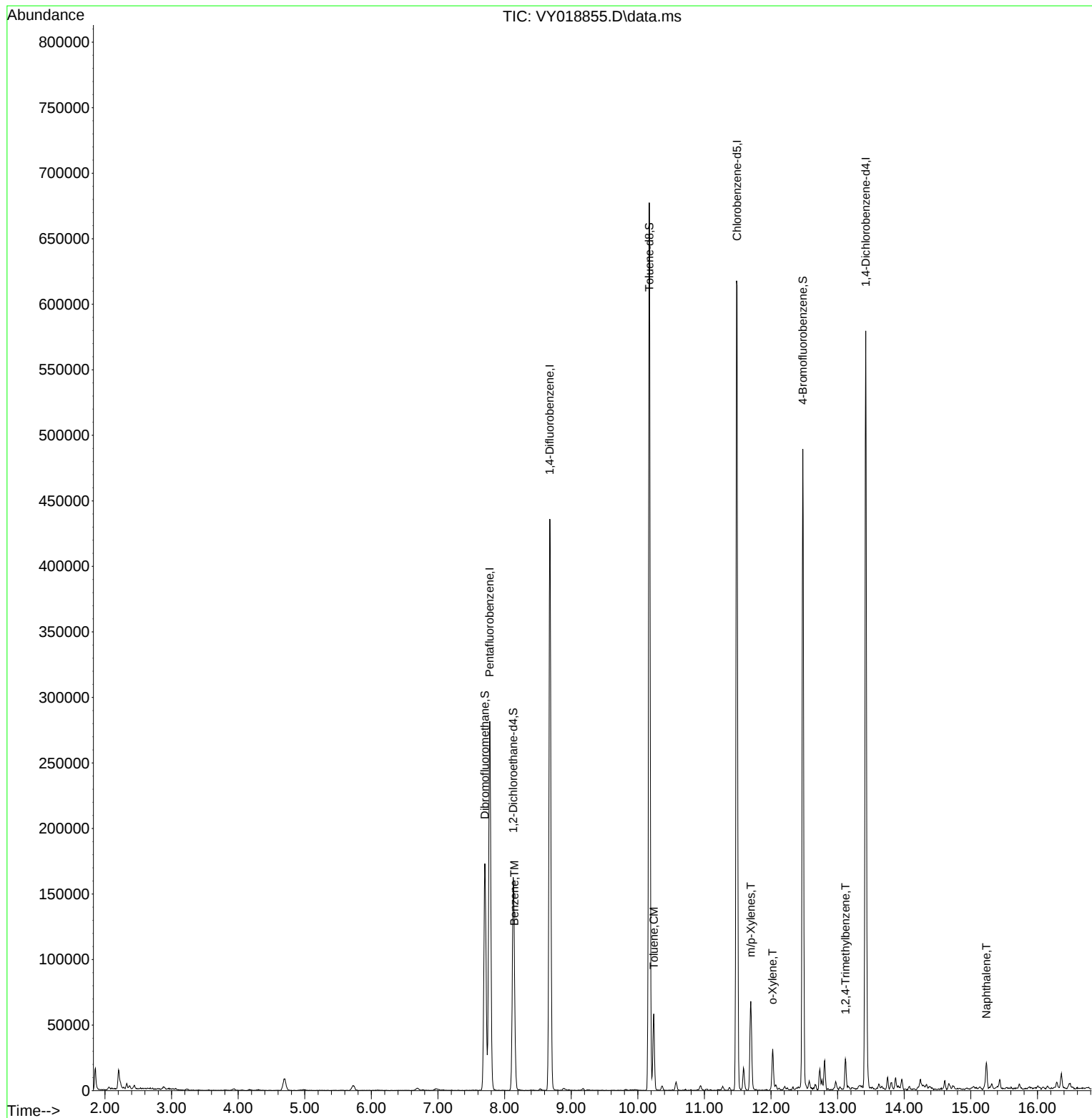
Internal Standards						
1) Pentafluorobenzene	7.777	168	219381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	380198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	114504	53.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.080%	
35) Dibromofluoromethane	7.704	113	115198	48.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.760%	
50) Toluene-d8	10.173	98	427838	47.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.840%	
62) 4-Bromofluorobenzene	12.477	95	141459	45.915	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.820%	
Target Compounds						
					Qvalue	
40) Benzene	8.149	78	24121	2.530	ug/l	92
52) Toluene	10.240	92	23493	3.708	ug/l	97
68) m/p-Xylenes	11.697	106	19885	4.024	ug/l	98
69) o-Xylene	12.026	106	7862	1.692	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	12906	1.475	ug/l	92
95) Naphthalene	15.233	128	16553	3.626	ug/l	97

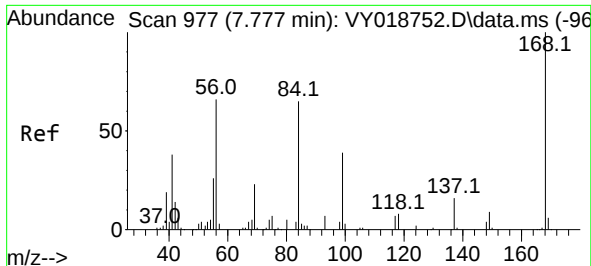
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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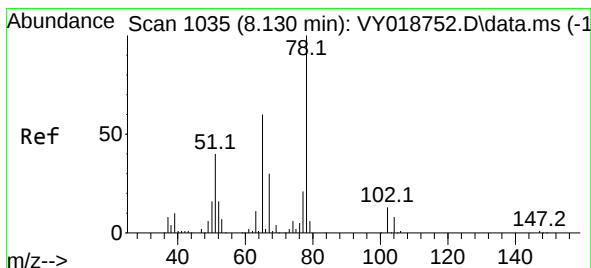
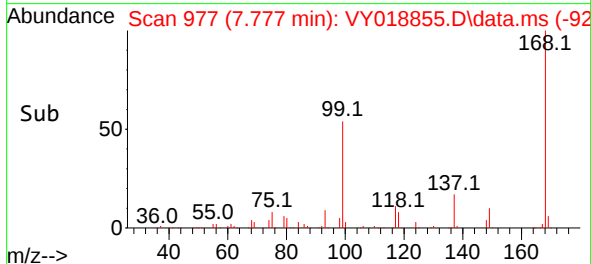
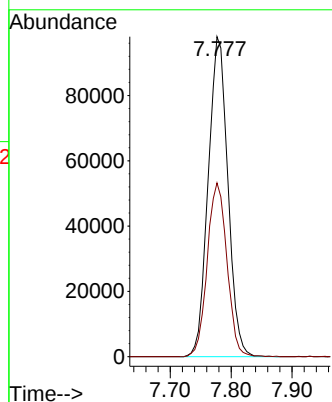
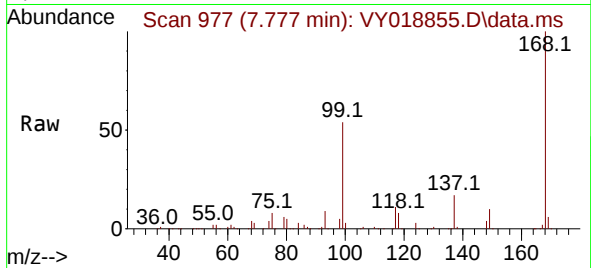




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018855.D
Acq: 17 Jul 2024 18:36

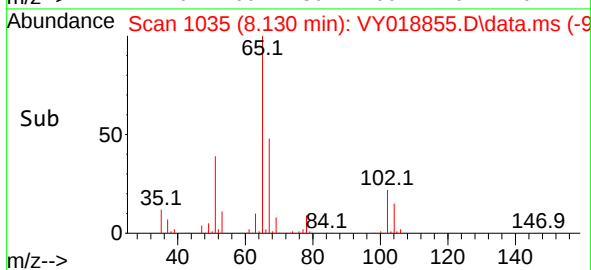
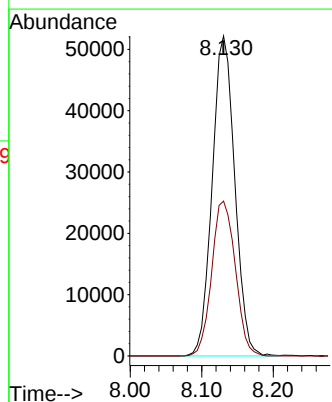
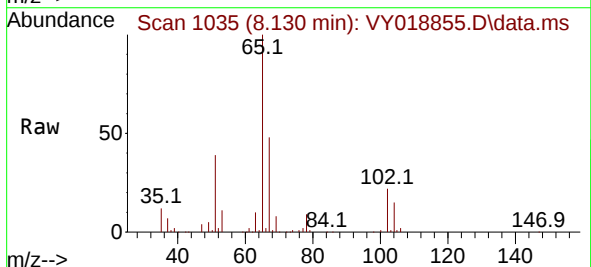
Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-7RE

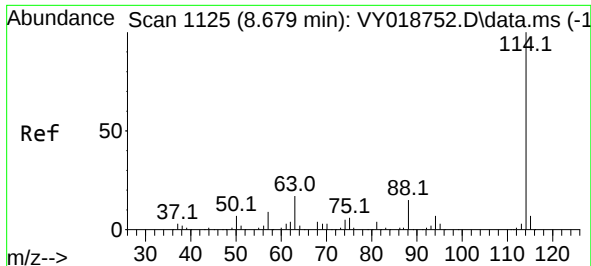
Tgt Ion:168 Resp: 219381
Ion Ratio Lower Upper
168 100
99 54.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.042 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018855.D
Acq: 17 Jul 2024 18:36

Tgt Ion: 65 Resp: 114504
Ion Ratio Lower Upper
65 100
67 50.6 0.0 109.6

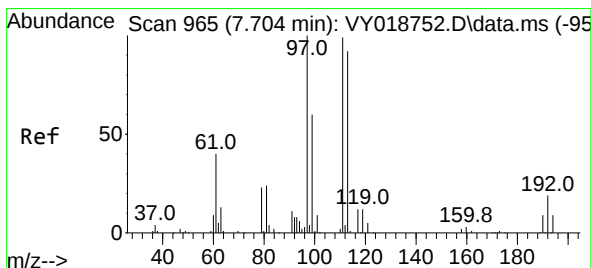
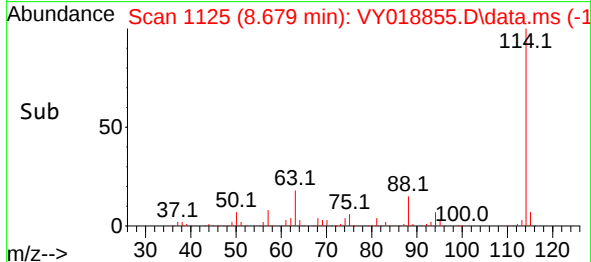
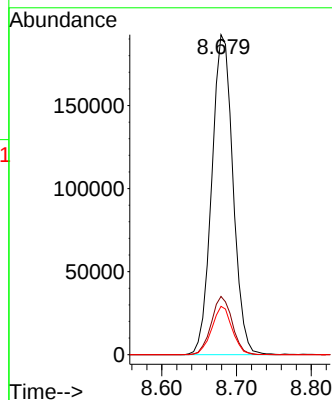
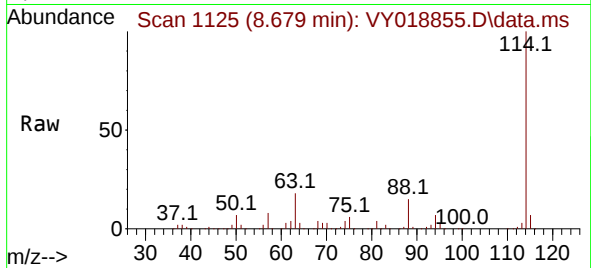




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018855.D
Acq: 17 Jul 2024 18:36

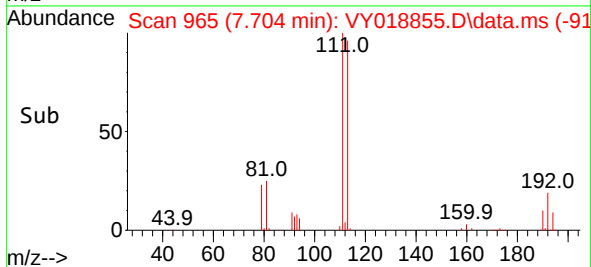
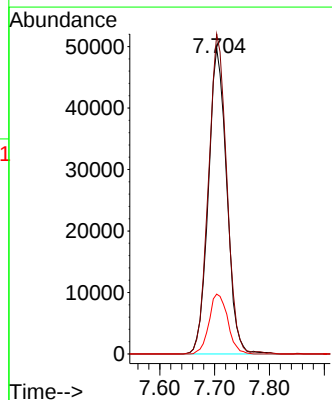
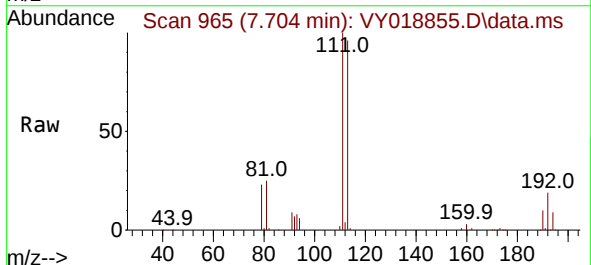
Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-7RE

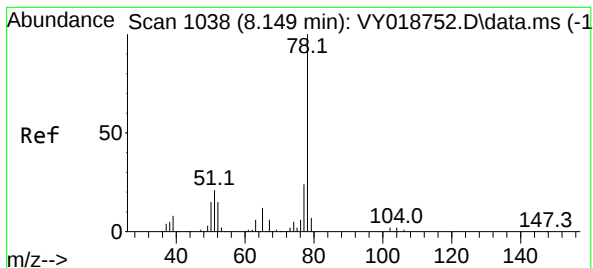
Tgt Ion:114 Resp: 380198
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 15.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.377 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018855.D
Acq: 17 Jul 2024 18:36

Tgt Ion:113 Resp: 115198
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 20.0 15.9 23.9





#40

Benzene

Concen: 2.530 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY018855.D

Acq: 17 Jul 2024 18:36

Instrument :

MSVOA_Y

ClientSampleId :

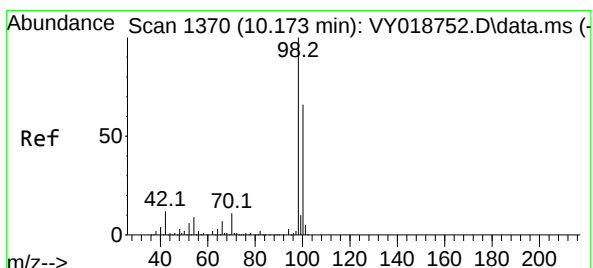
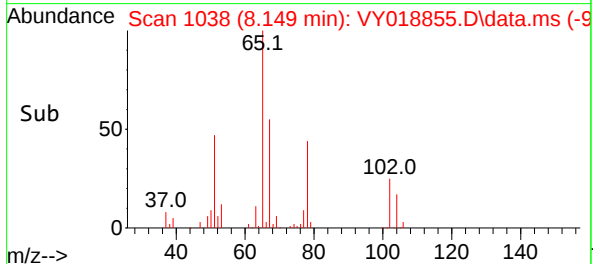
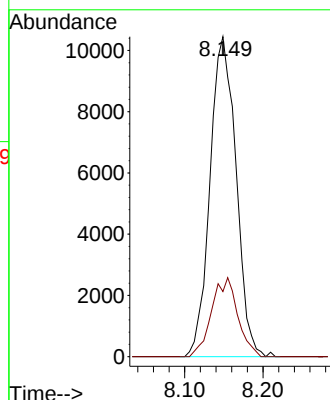
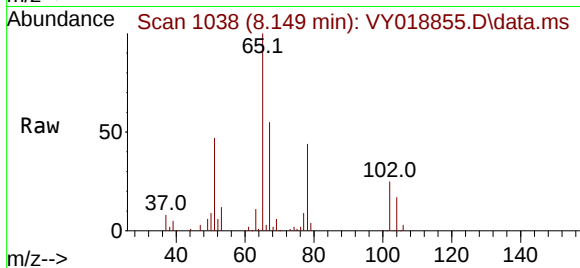
356STEVEN-7RE

Tgt Ion: 78 Resp: 24121

Ion Ratio Lower Upper

78 100

77 20.3 19.5 29.3



#50

Toluene-d8

Concen: 47.424 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018855.D

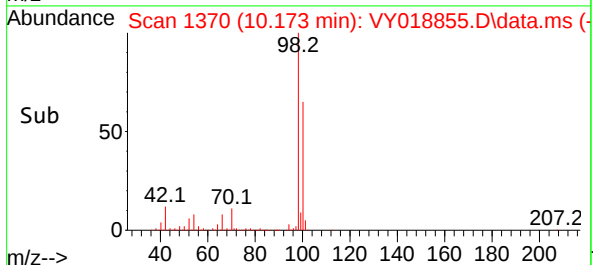
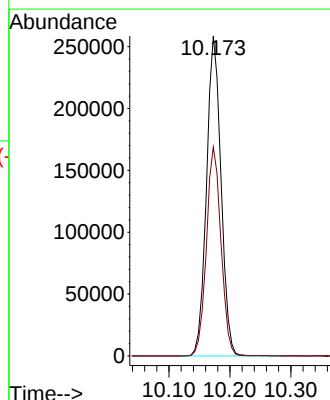
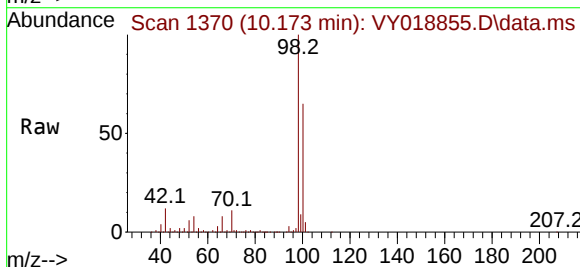
Acq: 17 Jul 2024 18:36

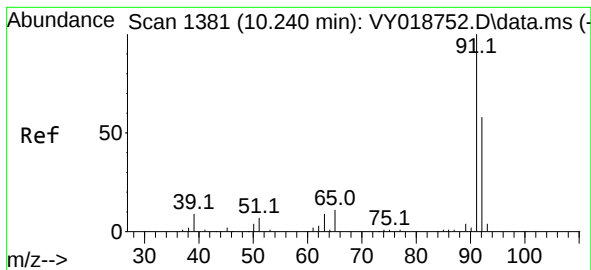
Tgt Ion: 98 Resp: 427838

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0





#52

Toluene

Concen: 3.708 ug/l

RT: 10.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018855.D

Acq: 17 Jul 2024 18:36

Instrument :

MSVOA_Y

ClientSampleId :

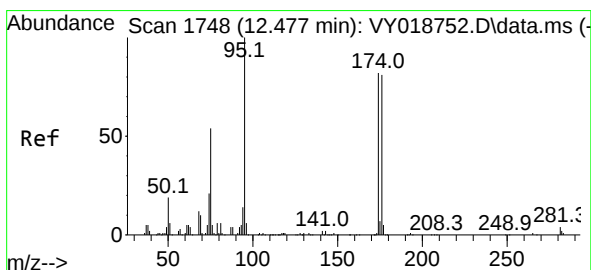
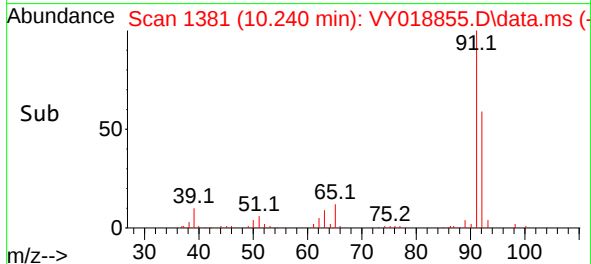
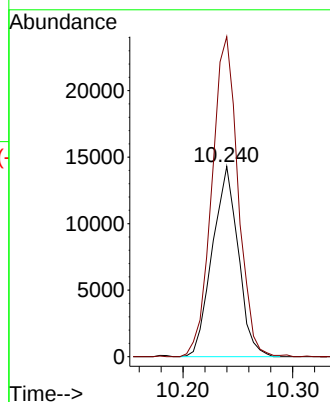
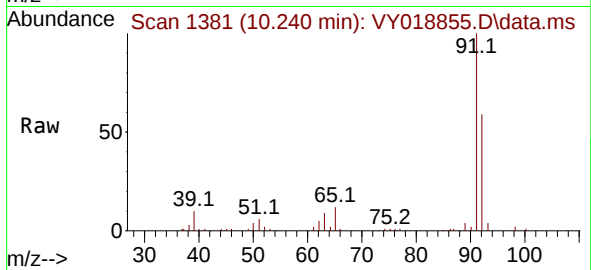
356STEVEN-7RE

Tgt Ion: 92 Resp: 23493

Ion Ratio Lower Upper

92 100

91 170.2 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 45.915 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018855.D

Acq: 17 Jul 2024 18:36

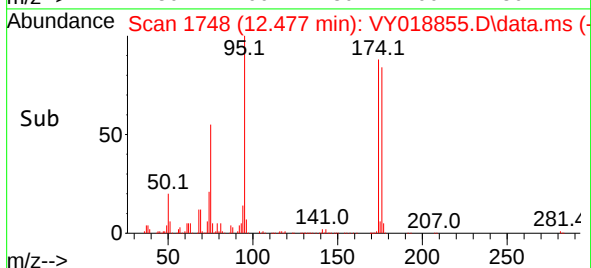
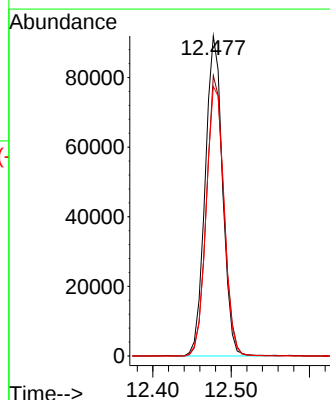
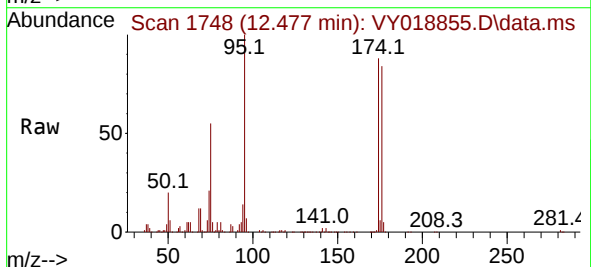
Tgt Ion: 95 Resp: 141459

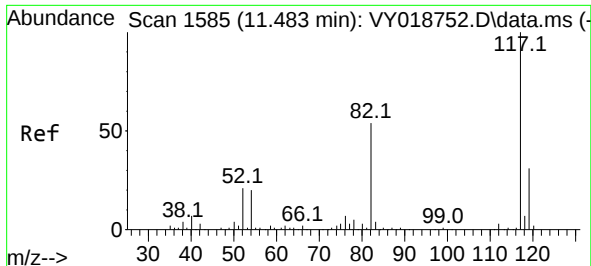
Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.6

176 86.7 0.0 171.4

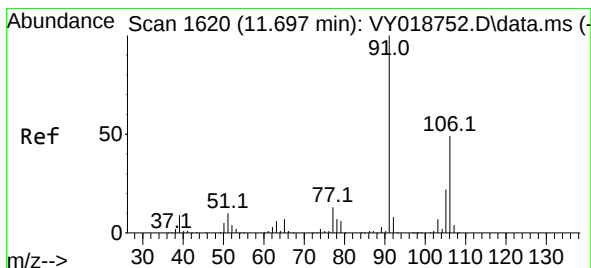
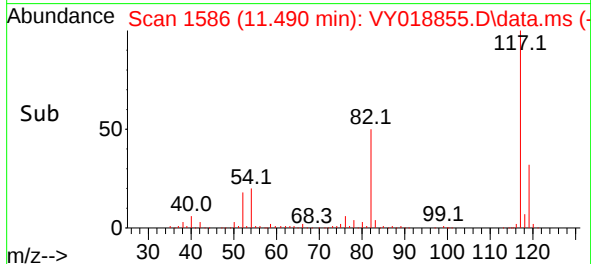
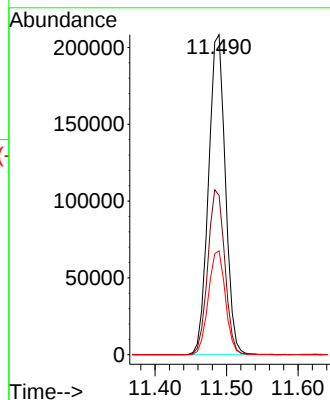
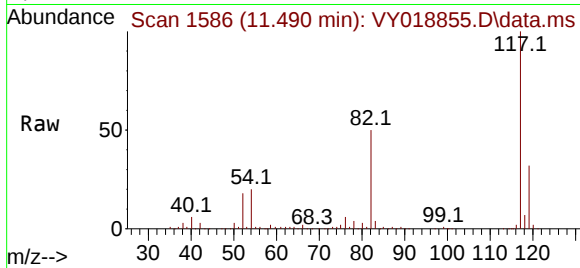




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY018855.D
Acq: 17 Jul 2024 18:36

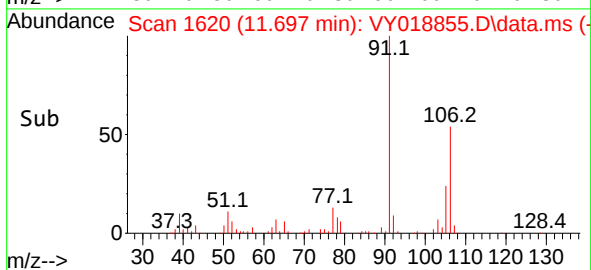
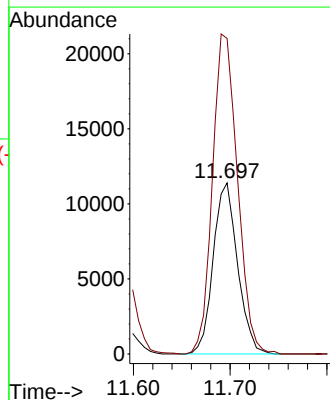
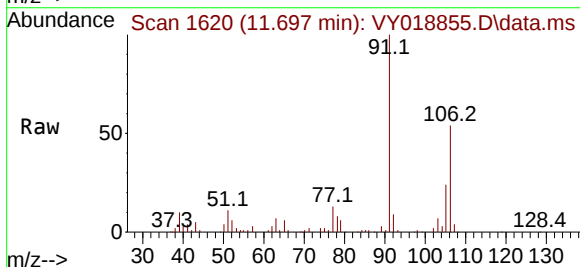
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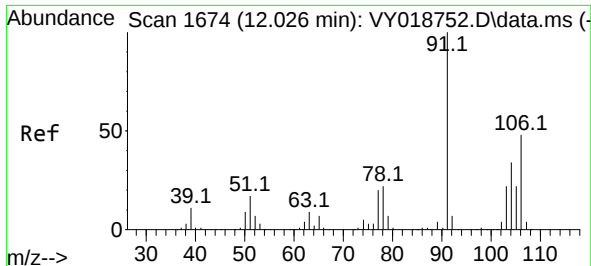
Tgt Ion:117 Resp: 340739
Ion Ratio Lower Upper
117 100
82 49.7 42.4 63.6
119 32.5 25.9 38.9



#68
m/p-Xylenes
Concen: 4.024 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018855.D
Acq: 17 Jul 2024 18:36

Tgt Ion:106 Resp: 19885
Ion Ratio Lower Upper
106 100
91 192.4 156.0 234.0

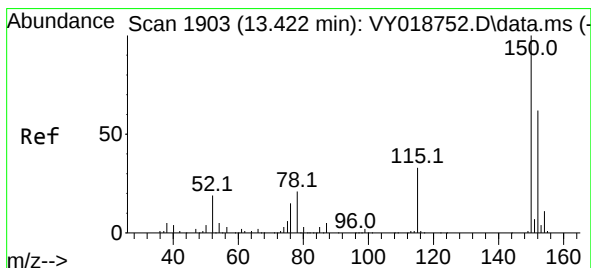
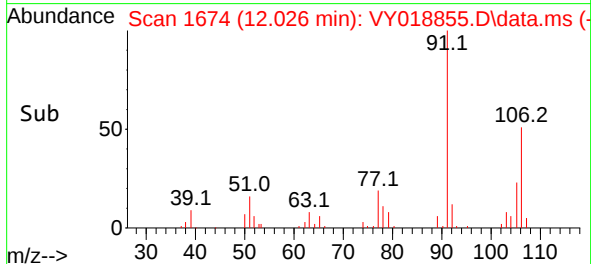
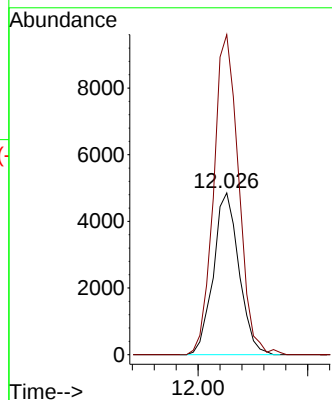
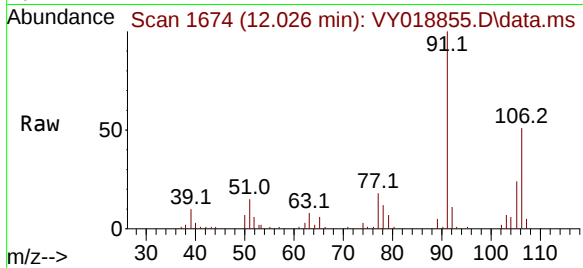




#69
o-Xylene
Concen: 1.692 ug/l
RT: 12.026 min Scan# 110
Delta R.T. 0.000 min
Lab File: VY018855.D
Acq: 17 Jul 2024 18:36

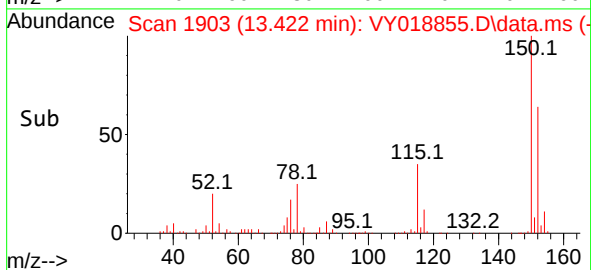
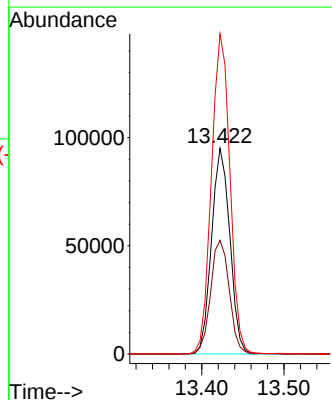
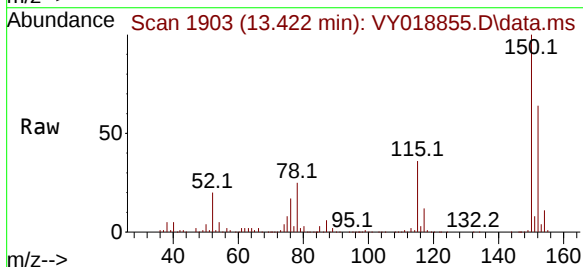
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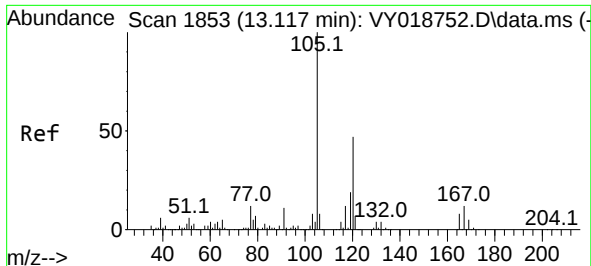
Tgt Ion:106 Resp: 7862
Ion Ratio Lower Upper
106 100
91 193.4 103.6 310.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018855.D
Acq: 17 Jul 2024 18:36

Tgt Ion:152 Resp: 147058
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 156.9 0.0 345.6

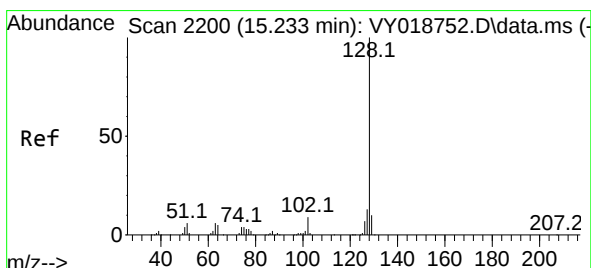
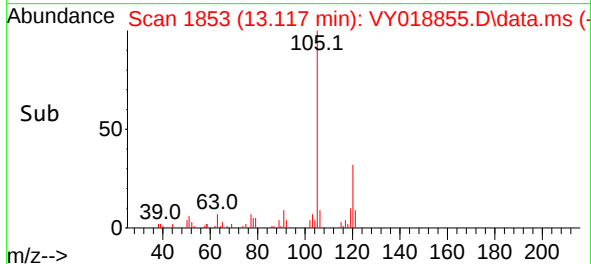
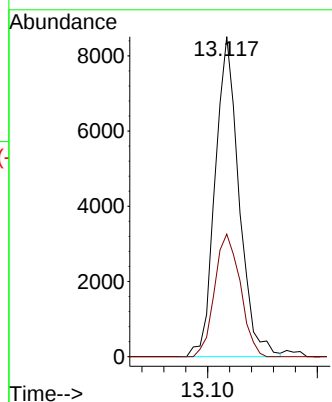
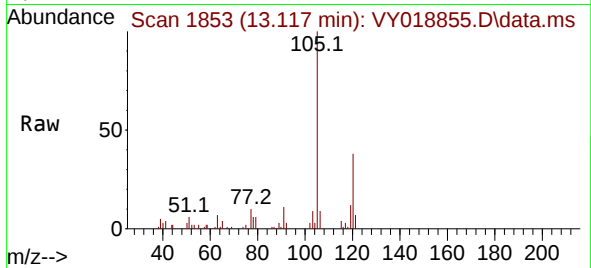




#84
1,2,4-Trimethylbenzene
Concen: 1.475 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018855.D
Acq: 17 Jul 2024 18:36

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-7RE

Tgt Ion:105 Resp: 12906
Ion Ratio Lower Upper
105 100
120 41.1 23.2 69.6



#95
Naphthalene
Concen: 3.626 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018855.D
Acq: 17 Jul 2024 18:36

Tgt Ion:128 Resp: 16553
Ion Ratio Lower Upper
128 100
127 11.5 10.6 16.0
129 11.1 8.6 13.0

