

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018836.D
 Acq On : 16 Jul 2024 17:01
 Operator : SY/MD
 Sample : P3224-17
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 356STEVEN-7

Quant Time: Jul 17 01:58:23 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)

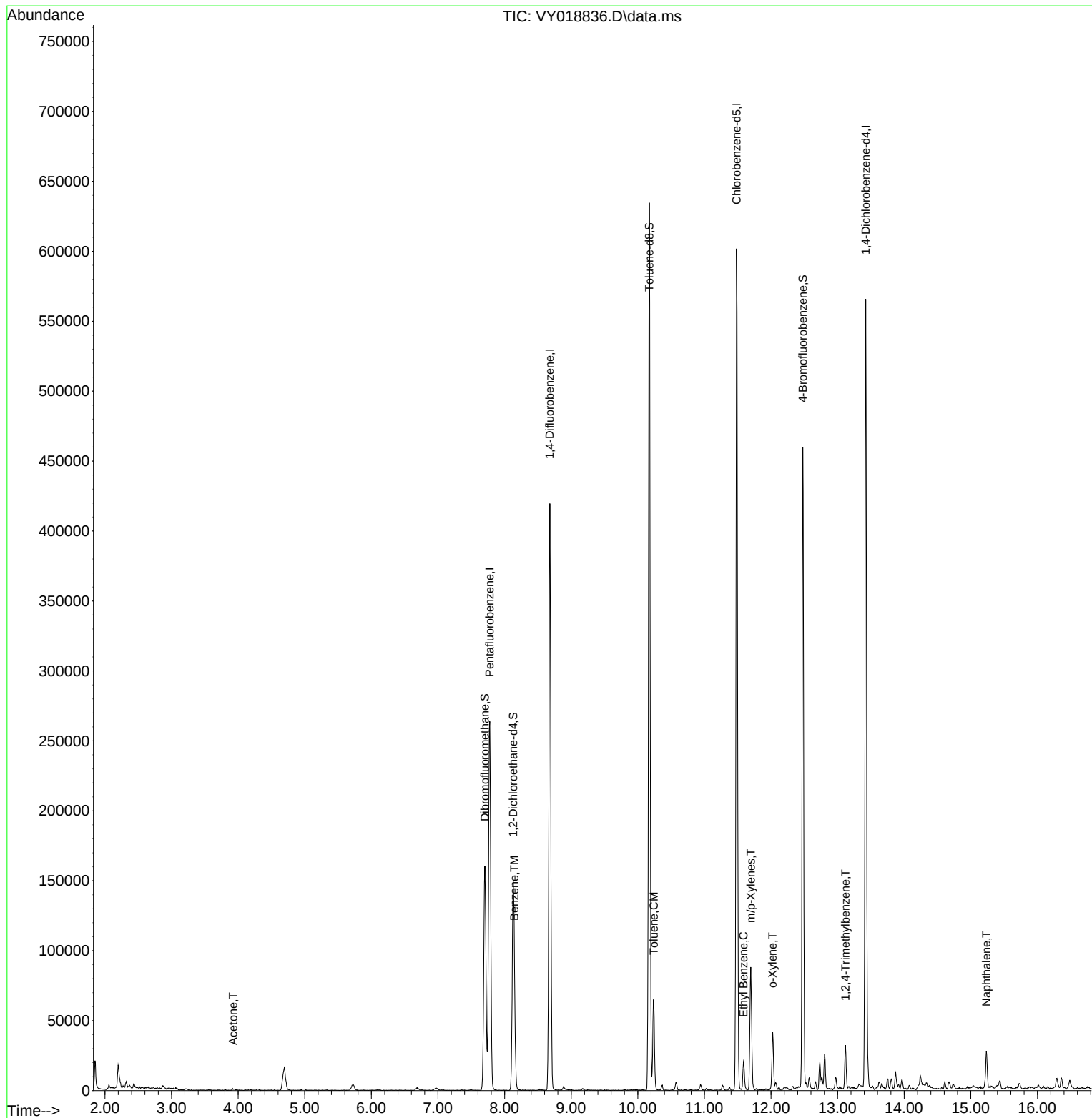
Internal Standards						
1) Pentafluorobenzene	7.777	168	206969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	356800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	325107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	103540	50.839	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.680%			
35) Dibromofluoromethane	7.703	113	108437	48.524	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.040%			
50) Toluene-d8	10.173	98	404226	47.745	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.480%			
62) 4-Bromofluorobenzene	12.477	95	135026	46.701	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.400%			
Target Compounds						
16) Acetone	3.924	43	1611	4.291	ug/l	96
40) Benzene	8.149	78	31813	3.556	ug/l	92
52) Toluene	10.240	92	27953	4.701	ug/l	98
67) Ethyl Benzene	11.587	91	13882	1.155	ug/l	98
68) m/p-Xylenes	11.697	106	25762	5.464	ug/l	97
69) o-Xylene	12.026	106	10086	2.275	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	16558	1.943	ug/l	100
95) Naphthalene	15.233	128	21868	4.920	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration

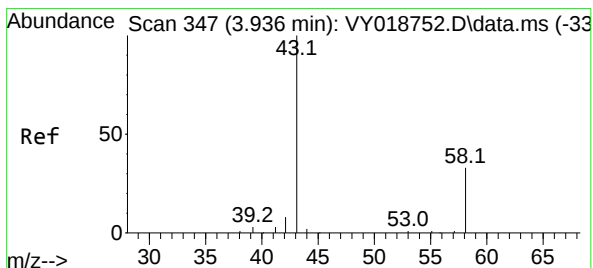
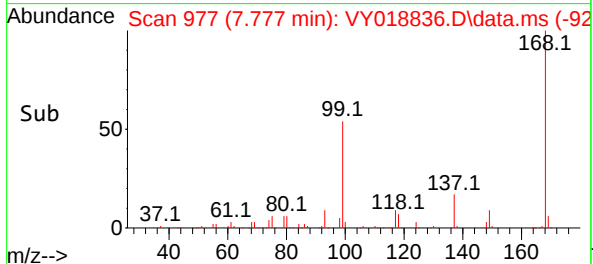
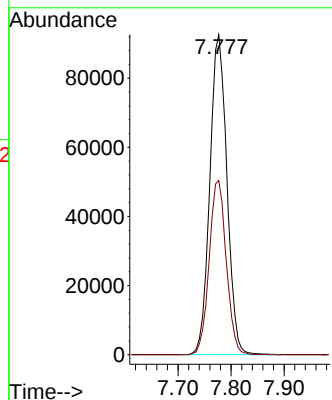
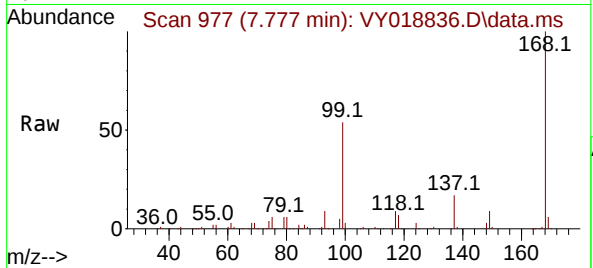




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

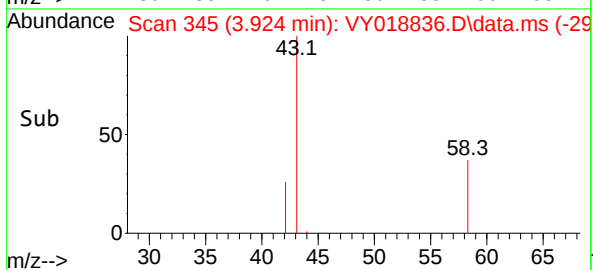
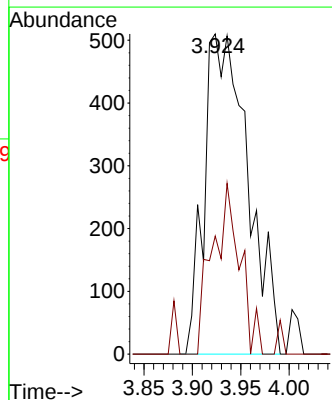
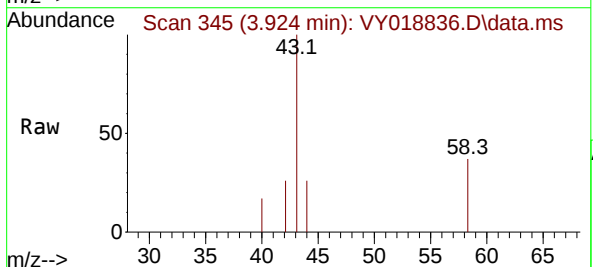
Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-7

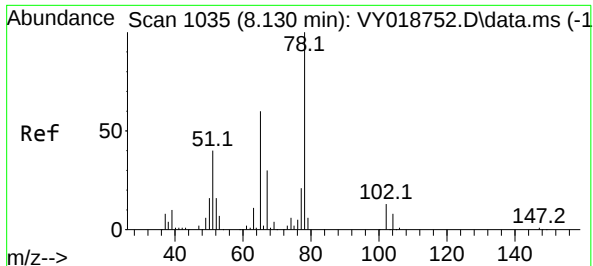
Tgt Ion:168 Resp: 206969
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#16
Acetone
Concen: 4.291 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 36.9 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 50.839 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018836.D

Acq: 16 Jul 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

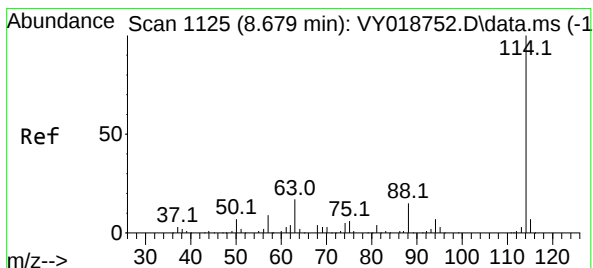
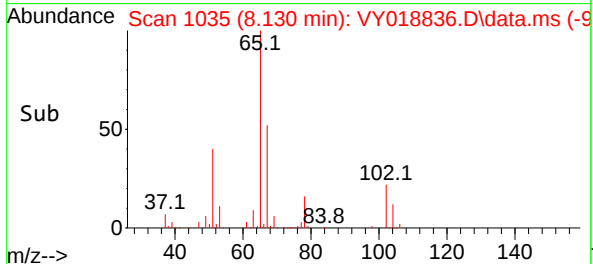
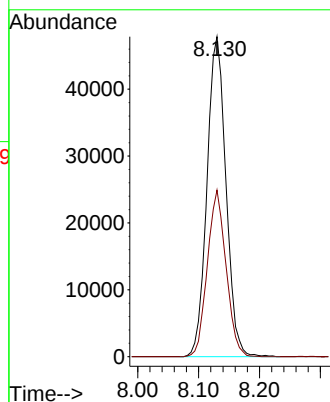
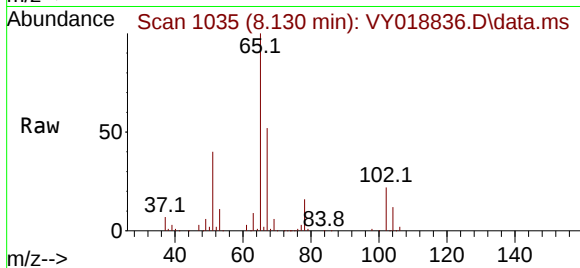
356STEVEN-7

Tgt Ion: 65 Resp: 103540

Ion Ratio Lower Upper

65 100

67 51.3 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: VY018836.D

Acq: 16 Jul 2024 17:01

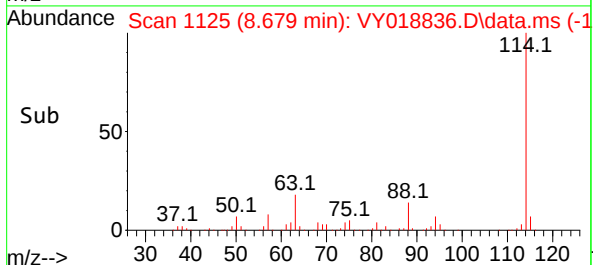
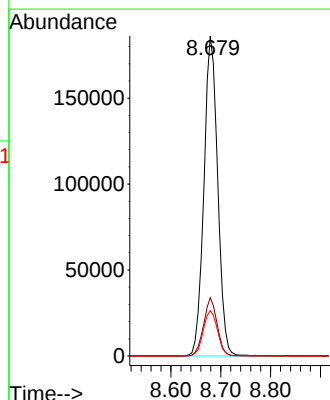
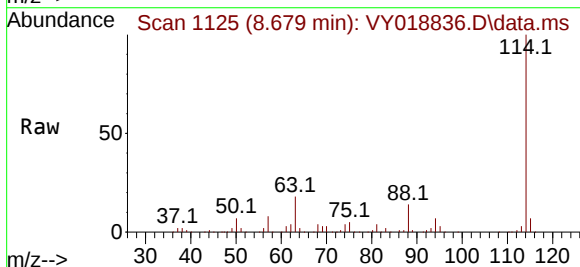
Tgt Ion: 114 Resp: 356800

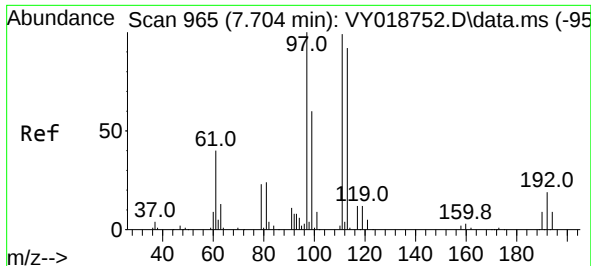
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.2 0.0 27.2

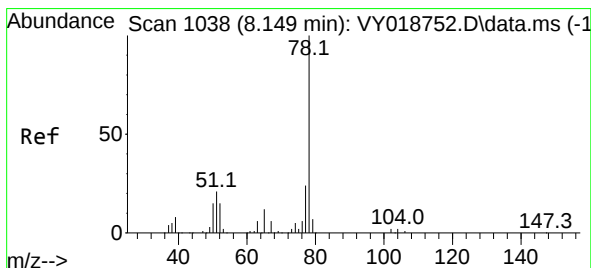
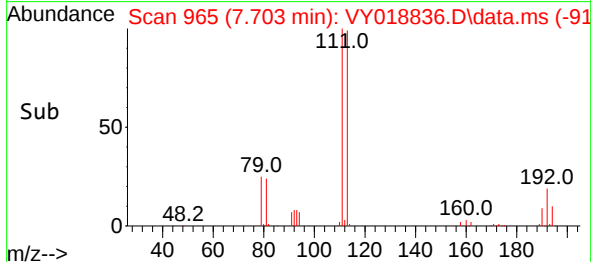
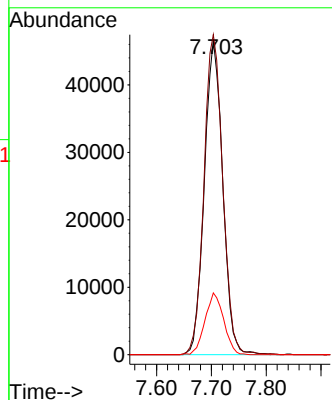
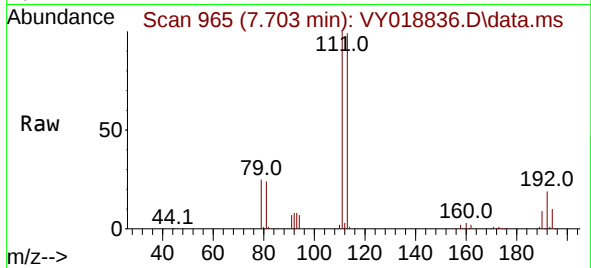




#35
Dibromofluoromethane
Concen: 48.524 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

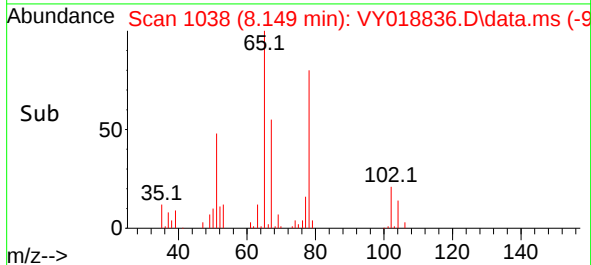
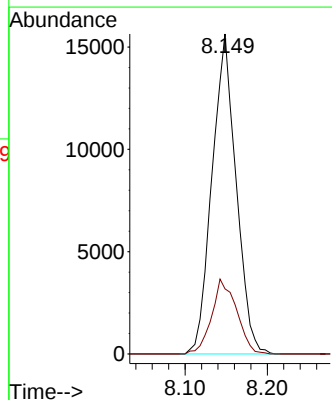
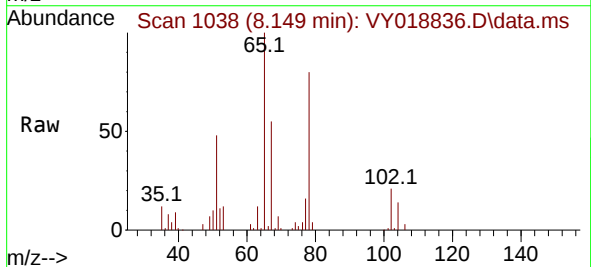
Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-7

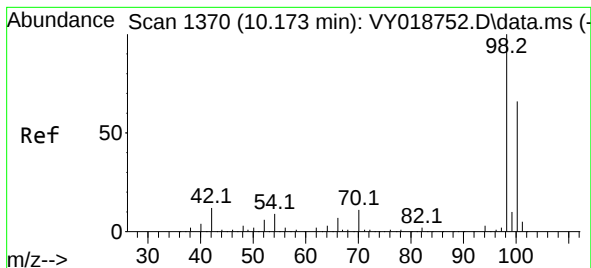
Tgt Ion:113 Resp: 108437
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 20.0 15.9 23.9



#40
Benzene
Concen: 3.556 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Tgt Ion: 78 Resp: 31813
Ion Ratio Lower Upper
78 100
77 20.4 19.5 29.3





#50

Toluene-d8

Concen: 47.745 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018836.D

Acq: 16 Jul 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

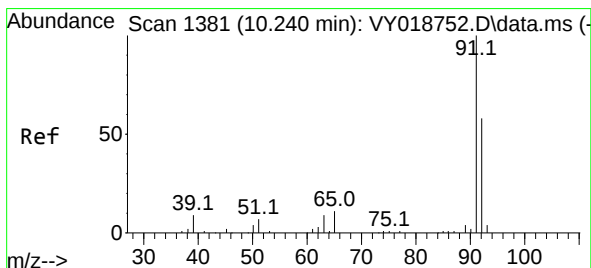
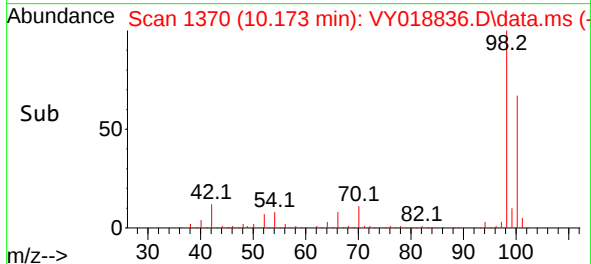
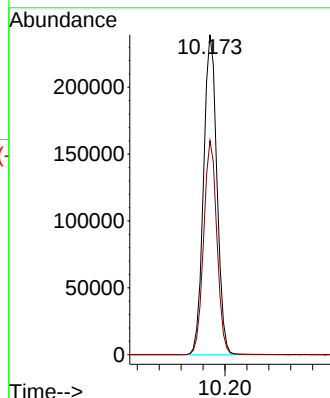
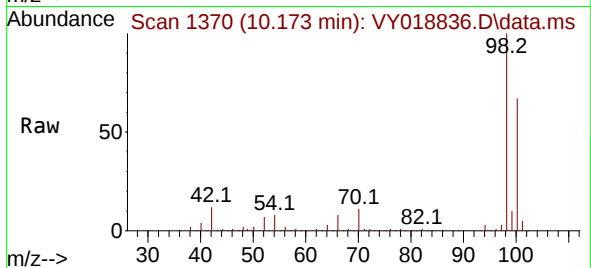
356STEVEN-7

Tgt Ion: 98 Resp: 404226

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#52

Toluene

Concen: 4.701 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018836.D

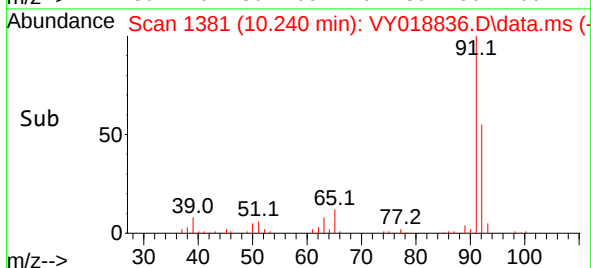
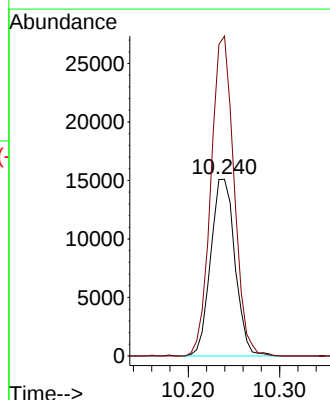
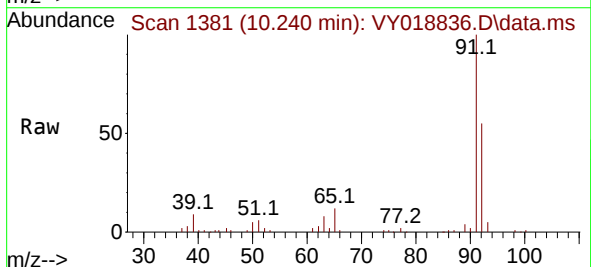
Acq: 16 Jul 2024 17:01

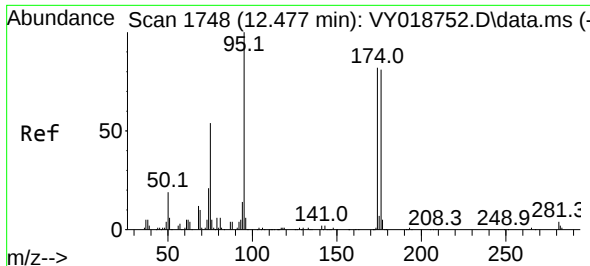
Tgt Ion: 92 Resp: 27953

Ion Ratio Lower Upper

92 100

91 171.6 139.0 208.6

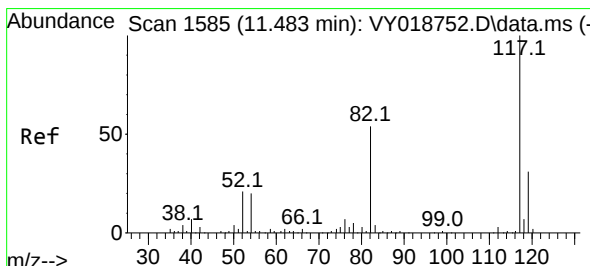
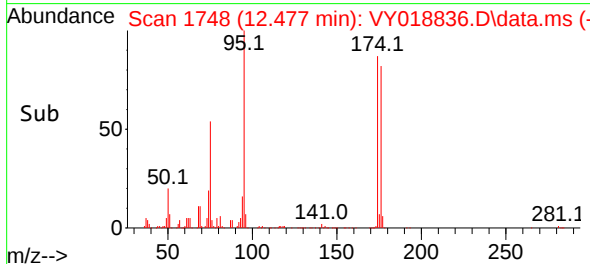
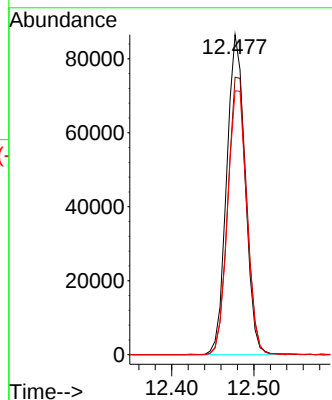
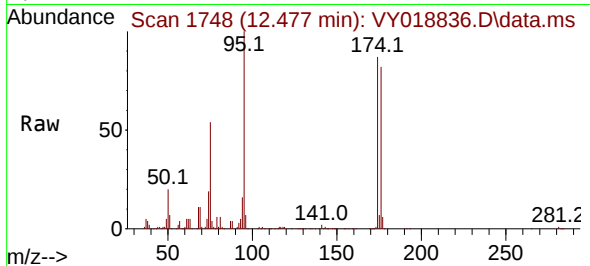




#62
4-Bromofluorobenzene
Concen: 46.701 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

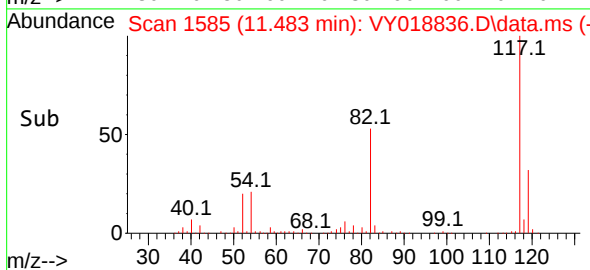
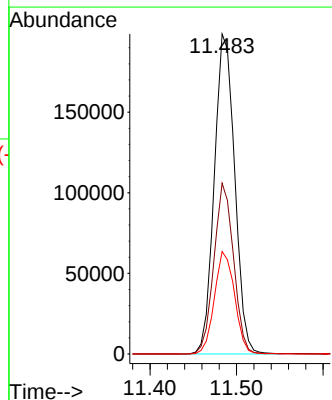
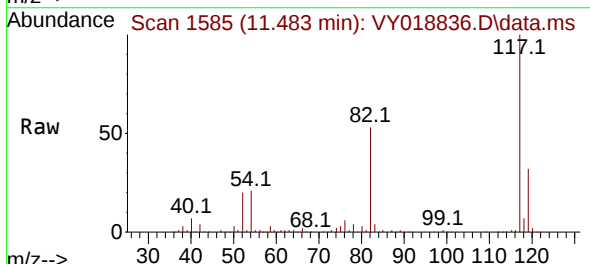
Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-7

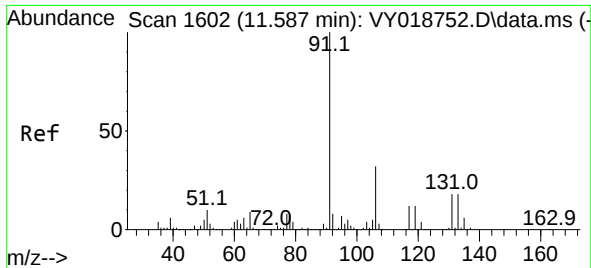
Tgt Ion: 95 Resp: 135026
Ion Ratio Lower Upper
95 100
174 89.8 0.0 175.6
176 86.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Tgt Ion: 117 Resp: 325107
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.0 25.9 38.9

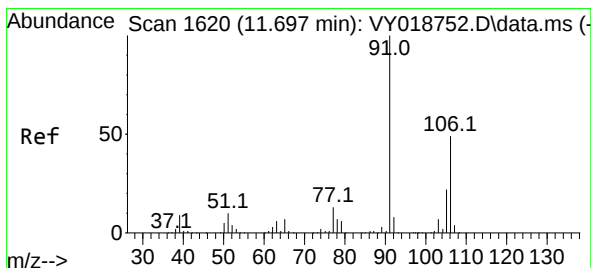
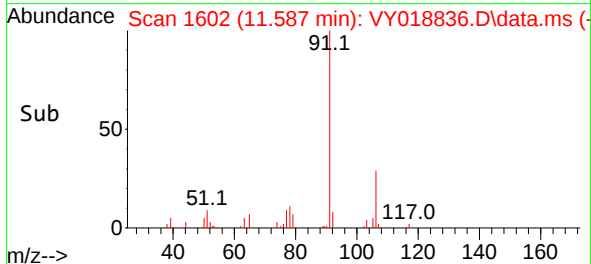
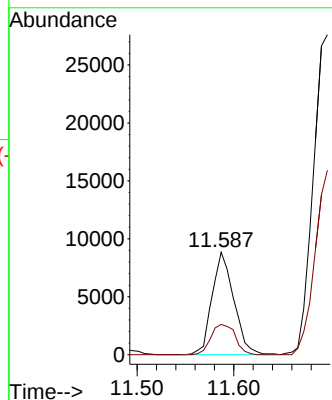
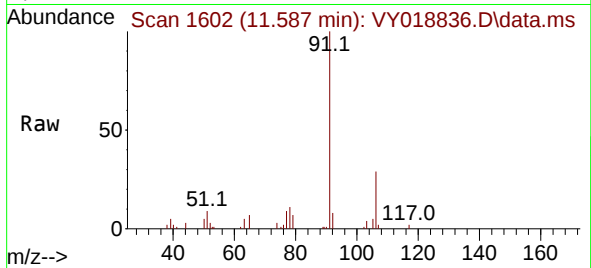




#67
Ethyl Benzene
Concen: 1.155 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

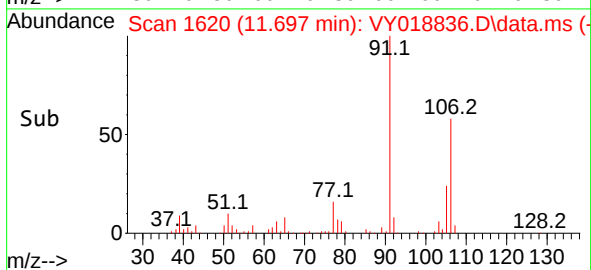
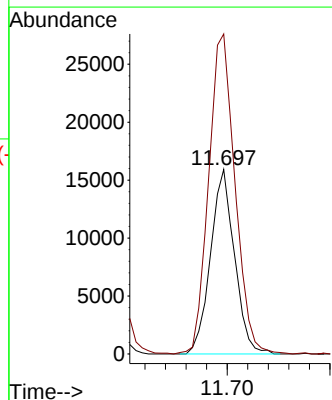
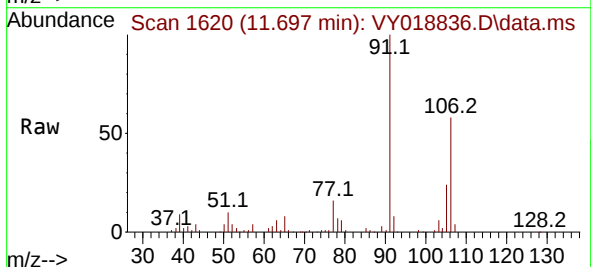
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MSVOA_Y
ClientSampleId :
356STEVEN-7

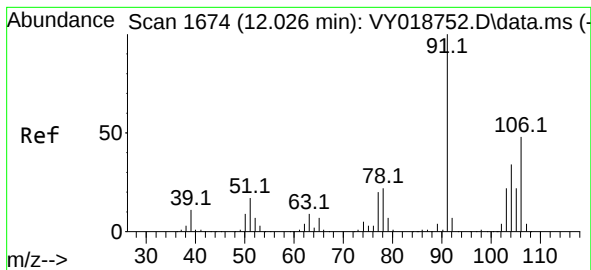
Tgt Ion: 91 Resp: 13882
Ion Ratio Lower Upper
91 100
106 29.5 24.5 36.7



#68
m/p-Xylenes
Concen: 5.464 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Tgt Ion: 106 Resp: 25762
Ion Ratio Lower Upper
106 100
91 190.6 156.0 234.0





#69

o-Xylene

Concen: 2.275 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018836.D

Acq: 16 Jul 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

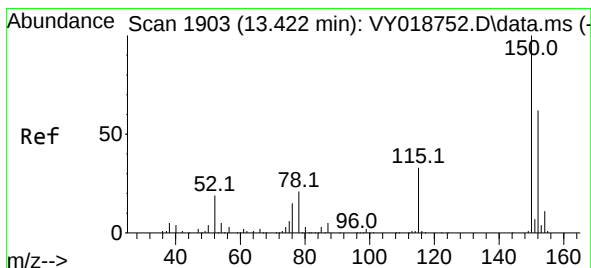
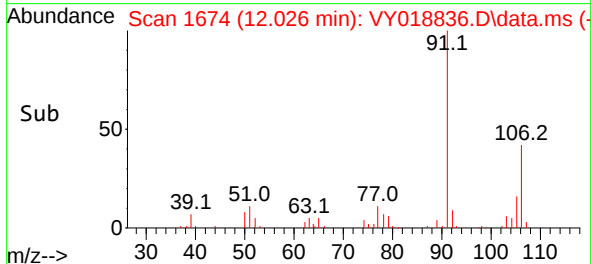
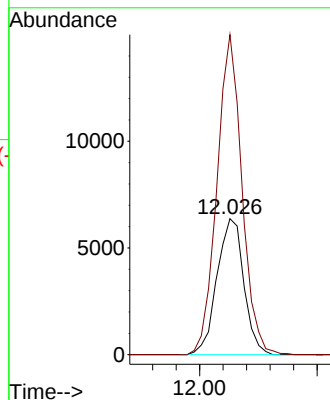
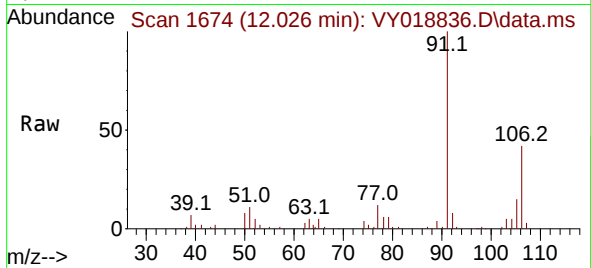
356STEVEN-7

Tgt Ion:106 Resp: 10086

Ion Ratio Lower Upper

106 100

91 220.0 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018836.D

Acq: 16 Jul 2024 17:01

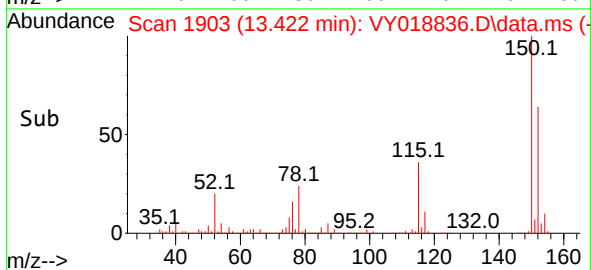
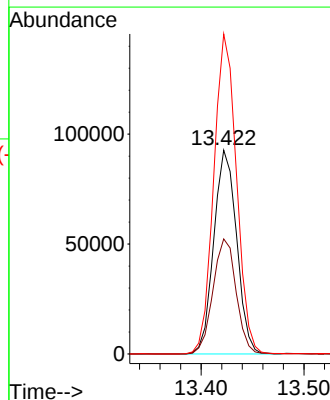
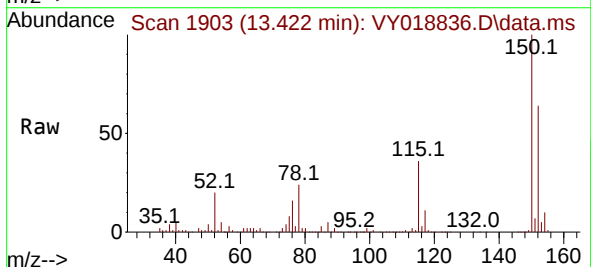
Tgt Ion:152 Resp: 143178

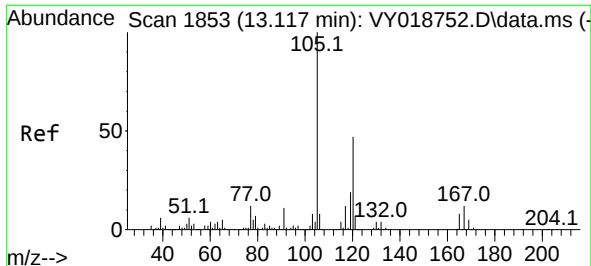
Ion Ratio Lower Upper

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150 156.1 0.0 345.6

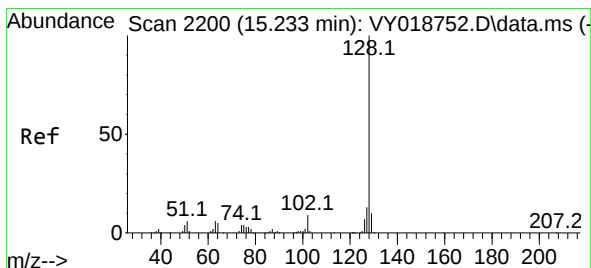
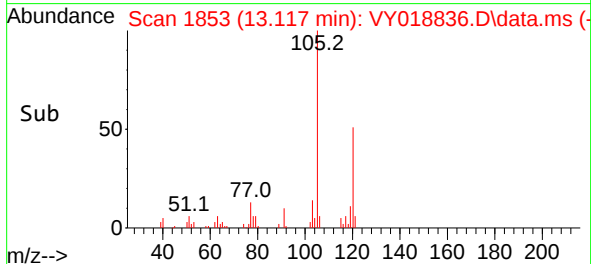
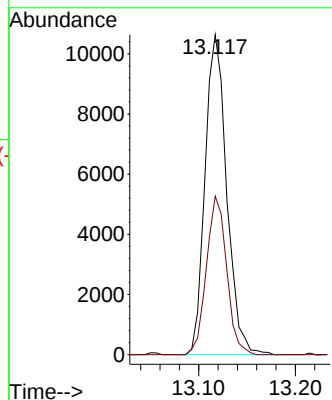
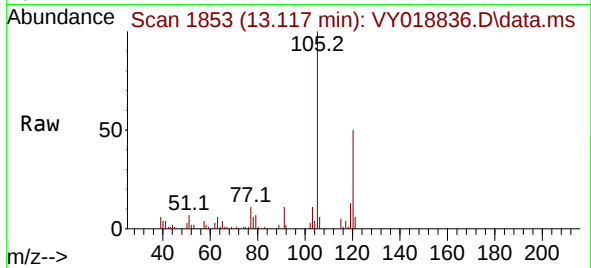




#84
1,2,4-Trimethylbenzene
Concen: 1.943 ug/l
RT: 13.117 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-7

Tgt Ion:105 Resp: 16558
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6



#95
Naphthalene
Concen: 4.920 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY018836.D
Acq: 16 Jul 2024 17:01

Tgt Ion:128 Resp: 21868
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 11.1 8.6 13.0

