

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013247.D
 Acq On : 11 Apr 2023 16:59
 Operator : KP/MD
 Sample : 02222-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MID-H4(ELEV-24)

Quant Time: Apr 11 17:38:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

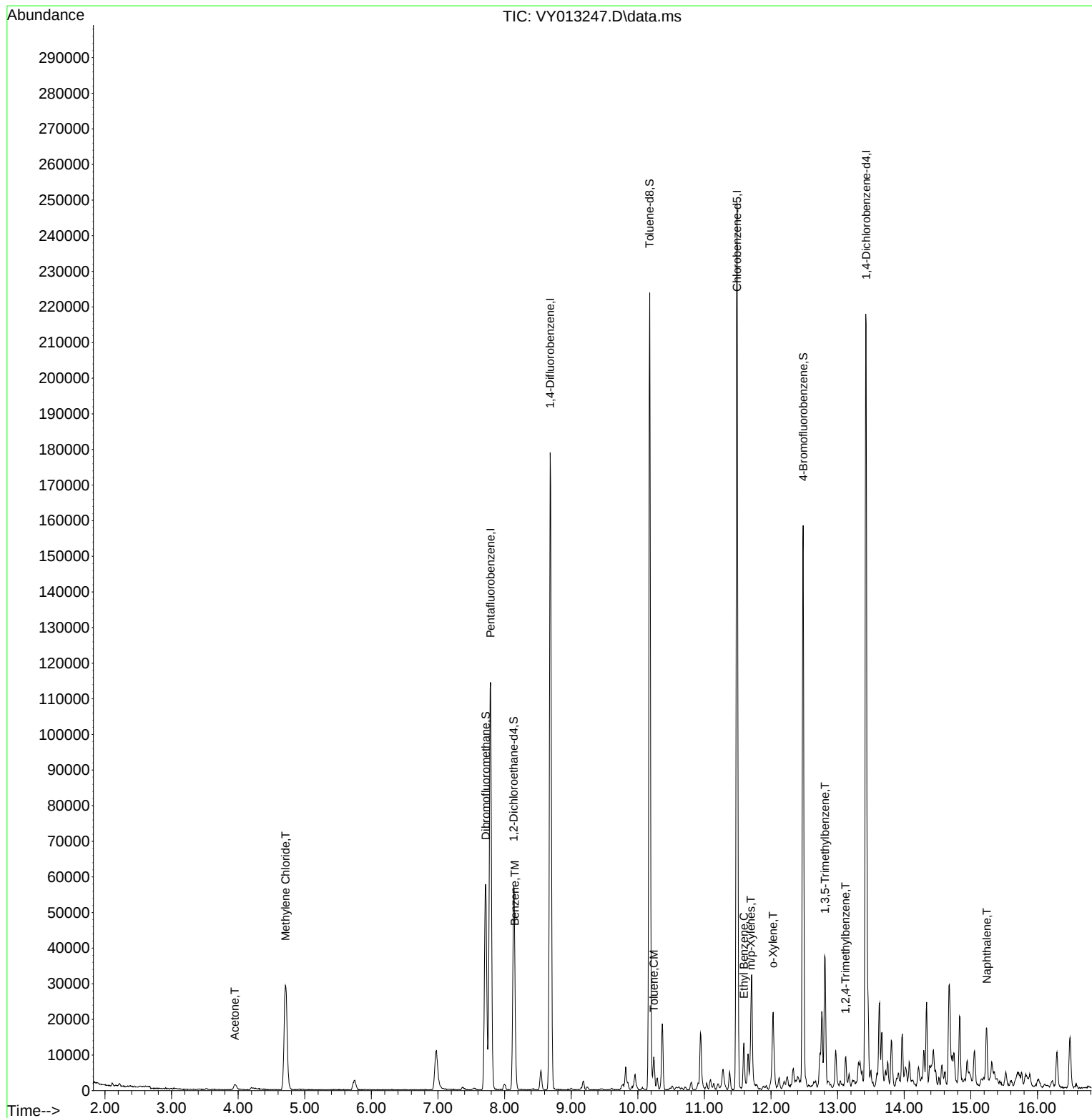
Internal Standards						
1) Pentafluorobenzene	7.789	168	86273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	143624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	125295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44376	45.740	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.480%		
35) Dibromofluoromethane	7.716	113	40115	46.726	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.460%		
50) Toluene-d8	10.179	98	137682	45.806	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.620%		
62) 4-Bromofluorobenzene	12.483	95	44936	41.865	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.740%		
Target Compounds					Qvalue	
16) Acetone	3.948	43	3228	8.176	ug/l	96
20) Methylene Chloride	4.710	84	21145	16.714	ug/l	94
40) Benzene	8.155	78	3849	1.107	ug/l #	83
52) Toluene	10.240	92	3651	1.674	ug/l	95
67) Ethyl Benzene	11.593	91	7400	1.785	ug/l	100
68) m/p-Xylenes	11.697	106	3904	2.475	ug/l	99
69) o-Xylene	12.032	106	4666	3.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	10611	3.715	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	4421	1.557	ug/l	98
95) Naphthalene	15.239	128	12401	5.629	ug/l	98

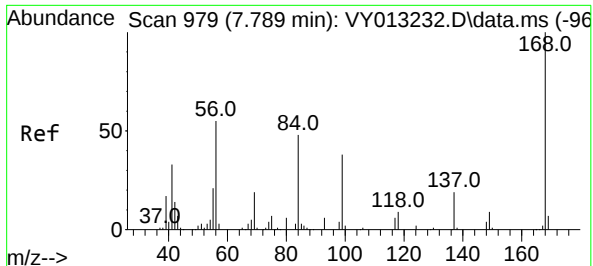
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
Data File : VY013247.D
Acq On : 11 Apr 2023 16:59
Operator : KP/MD
Sample : 02222-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

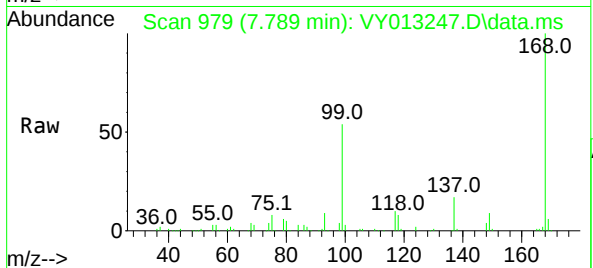
Quant Time: Apr 11 17:38:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 11:59:49 2023
Response via : Initial Calibration



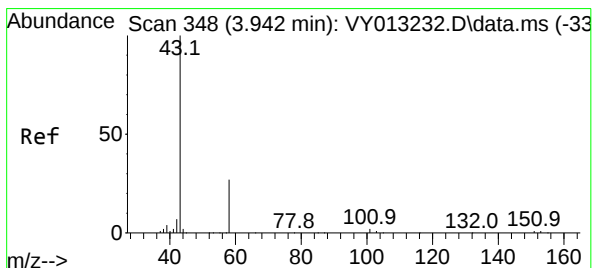
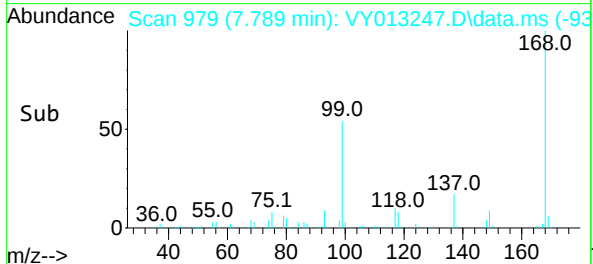
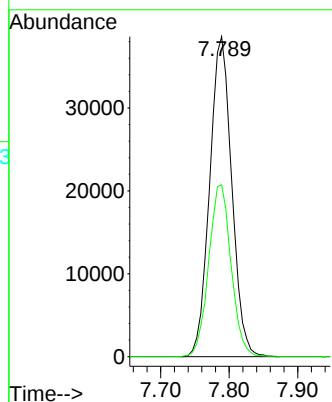


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

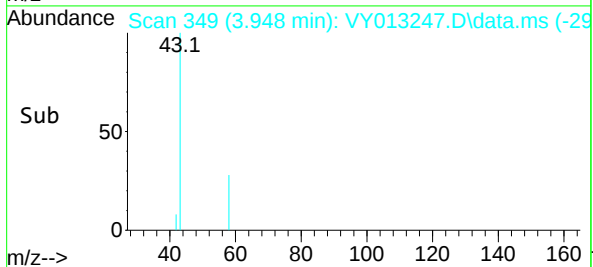
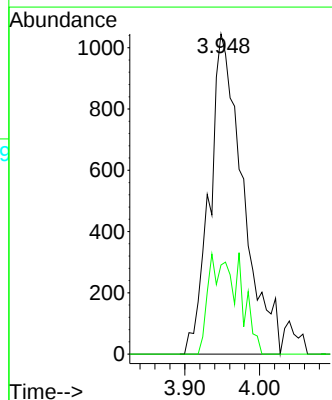
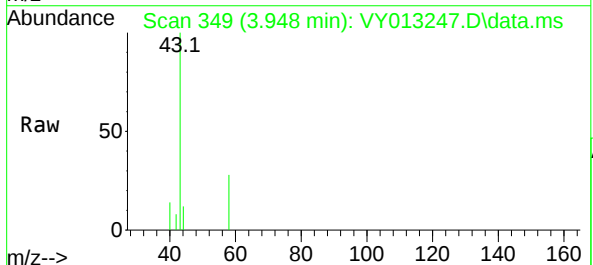


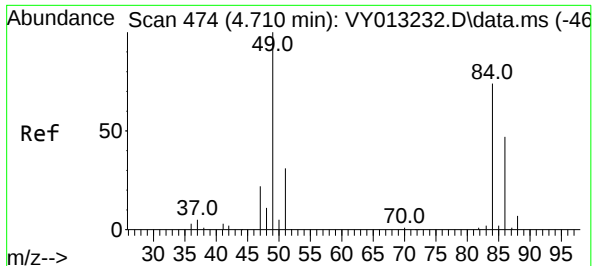
Tgt Ion:168 Resp: 86273
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5



#16
Acetone
Concen: 8.176 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

Tgt Ion: 43 Resp: 3228
Ion Ratio Lower Upper
43 100
58 27.8 24.2 36.2





#20

Methylene Chloride

Concen: 16.714 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013247.D

Acq: 11 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

MID-H4(ELEV-24)

Tgt Ion: 84 Resp: 21145

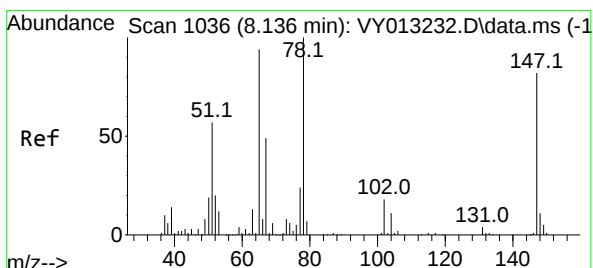
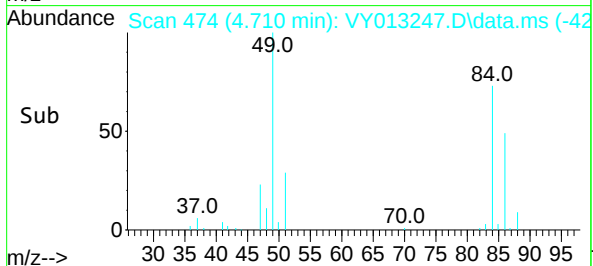
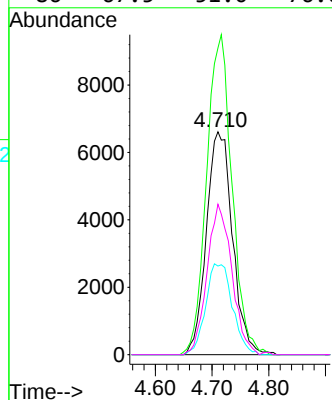
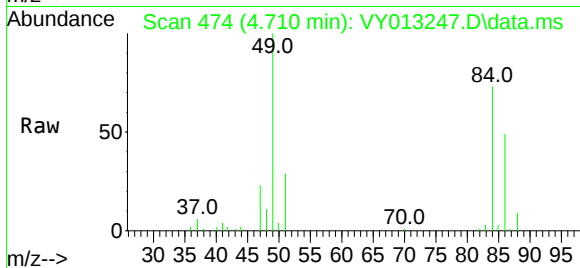
Ion Ratio Lower Upper

84 100

49 137.6 102.6 154.0

51 39.8 31.9 47.9

86 67.5 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 45.740 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013247.D

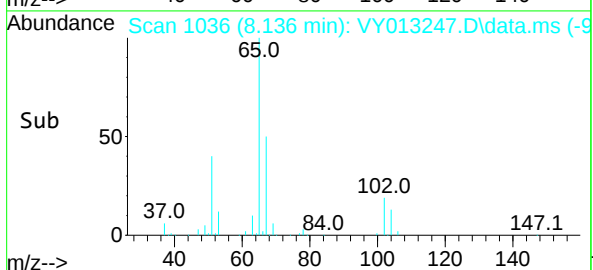
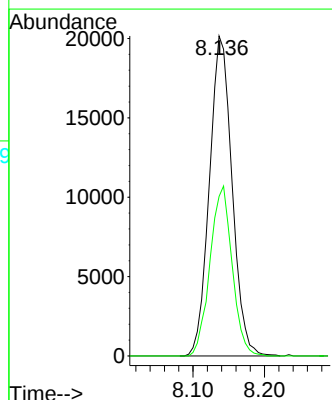
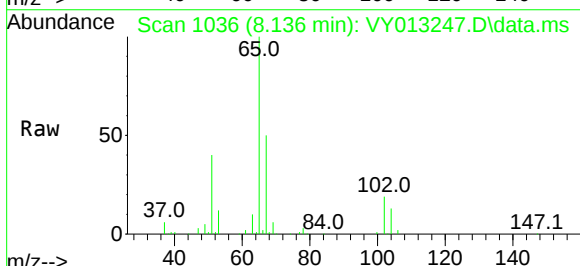
Acq: 11 Apr 2023 16:59

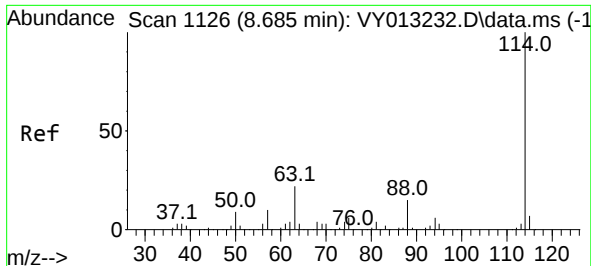
Tgt Ion: 65 Resp: 44376

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0

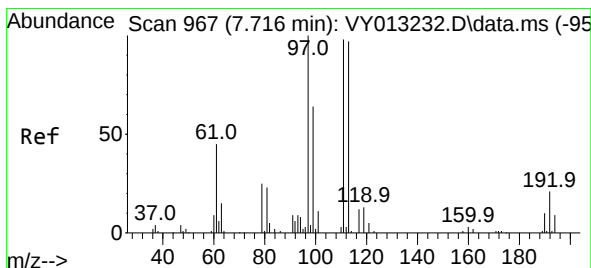
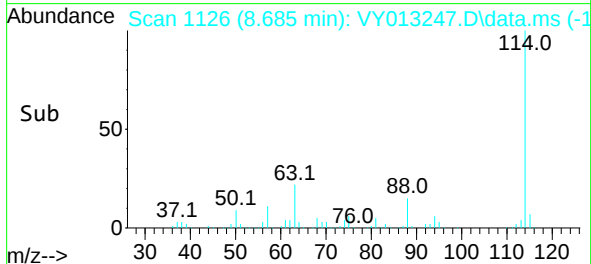
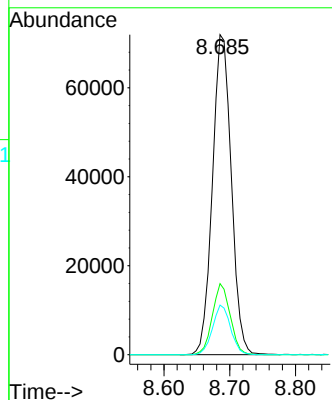
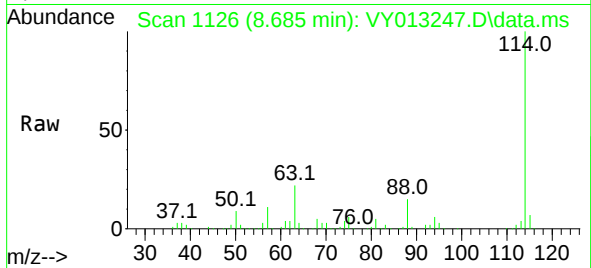




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

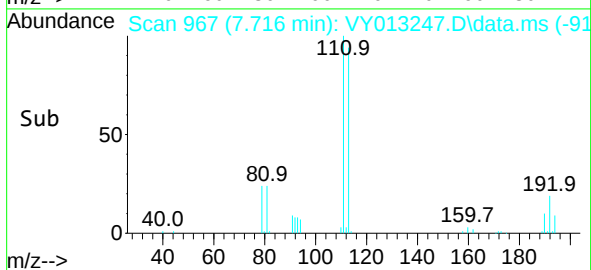
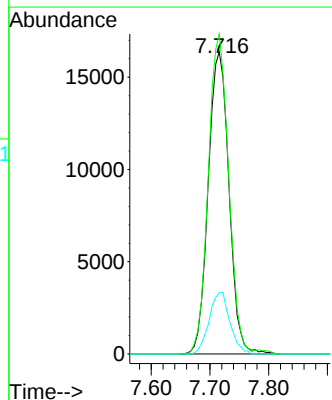
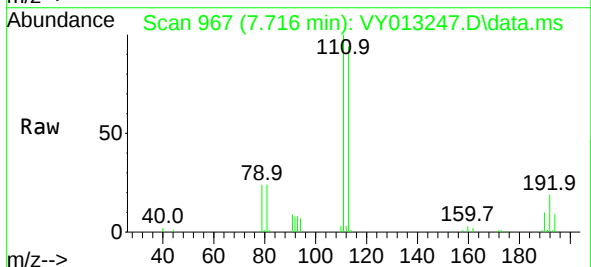
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

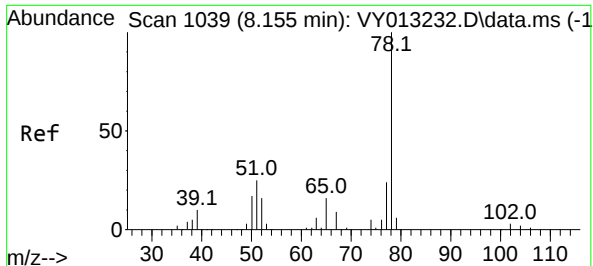
Tgt Ion:114 Resp: 143624
Ion Ratio Lower Upper
114 100
63 22.2 0.0 37.4
88 15.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 46.726 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

Tgt Ion:113 Resp: 40115
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 20.4 16.8 25.2

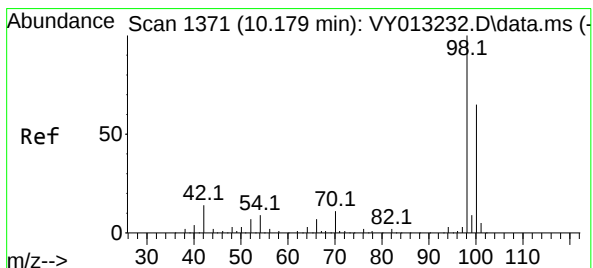
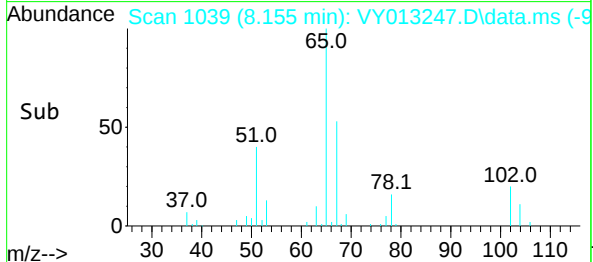
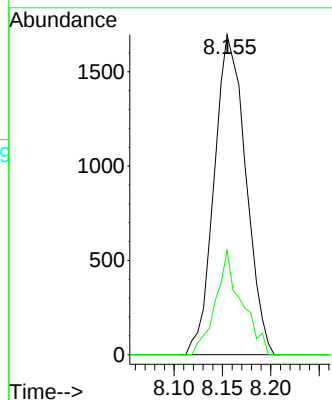
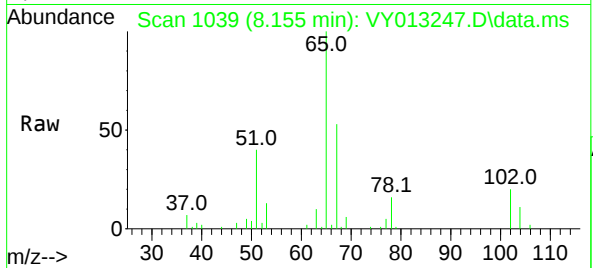




#40
Benzene
Concen: 1.107 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

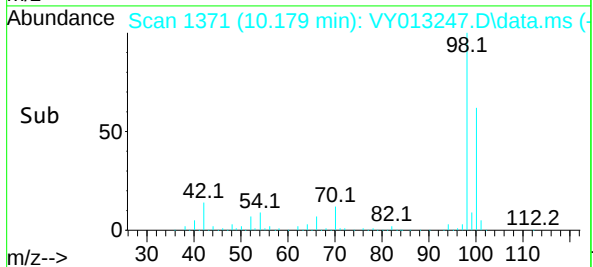
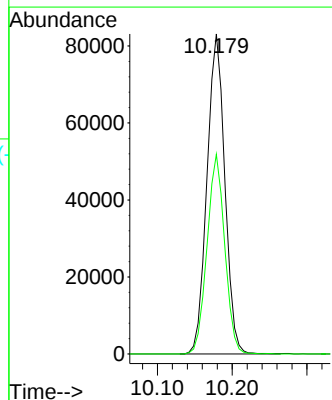
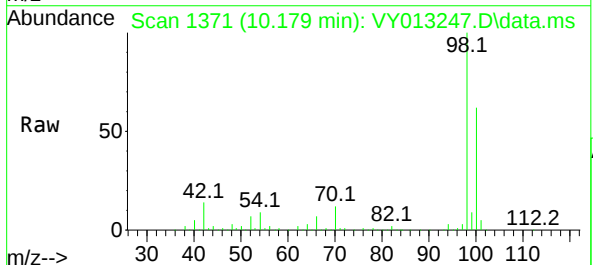
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

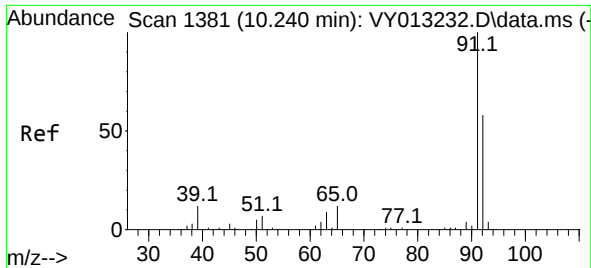
Tgt Ion: 78 Resp: 3849
Ion Ratio Lower Upper
78 100
77 32.6 19.4 29.0#



#50
Toluene-d8
Concen: 45.806 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

Tgt Ion: 98 Resp: 137682
Ion Ratio Lower Upper
98 100
100 61.9 50.9 76.3

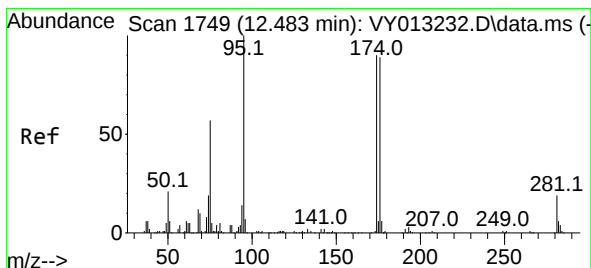
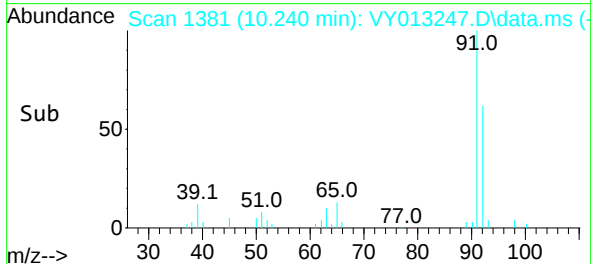
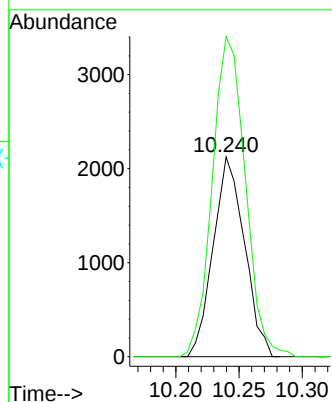
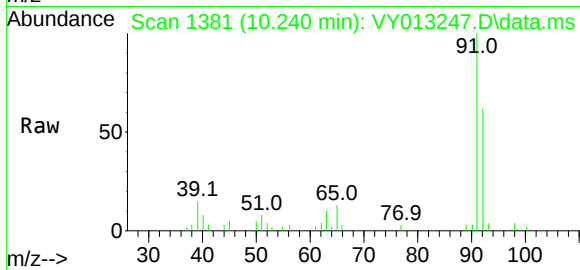




#52
Toluene
Concen: 1.674 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

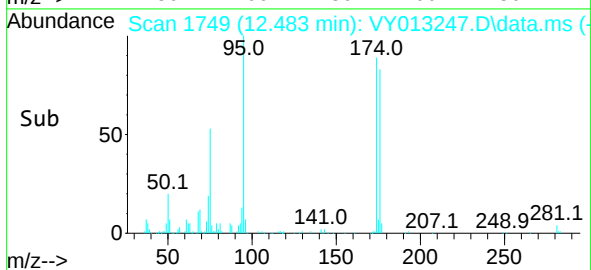
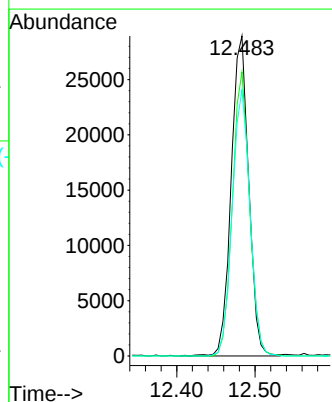
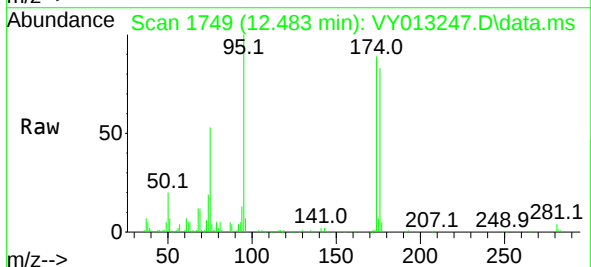
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

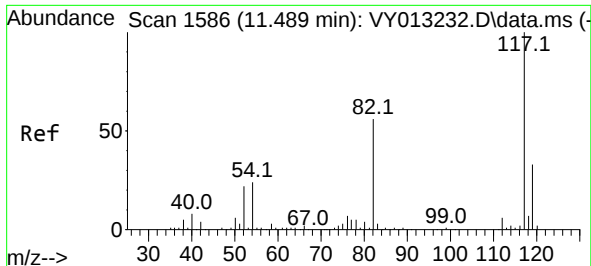
Tgt Ion: 92 Resp: 3651
Ion Ratio Lower Upper
92 100
91 169.3 141.3 211.9



#62
4-Bromofluorobenzene
Concen: 41.865 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

Tgt Ion: 95 Resp: 44936
Ion Ratio Lower Upper
95 100
174 86.3 0.0 176.6
176 83.9 0.0 170.2

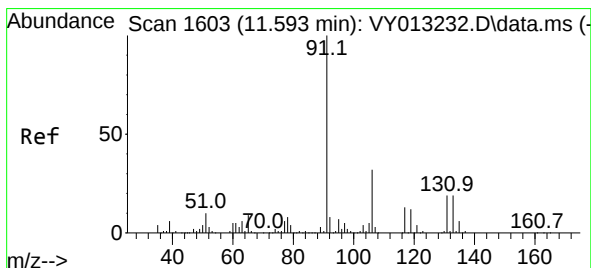
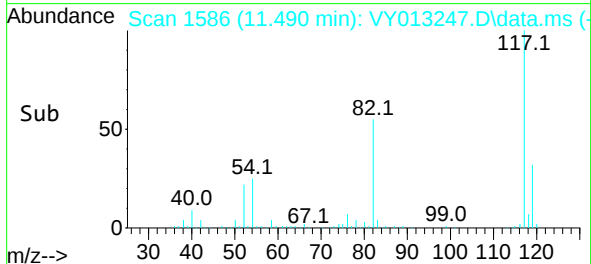
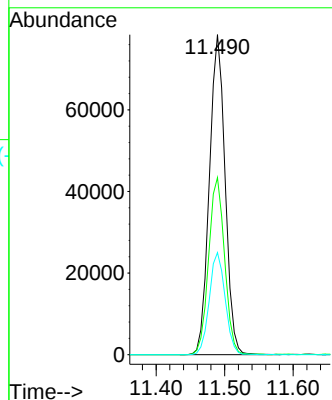
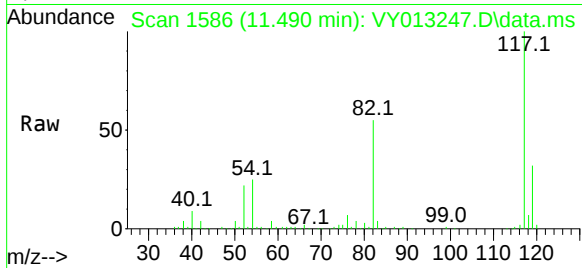




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

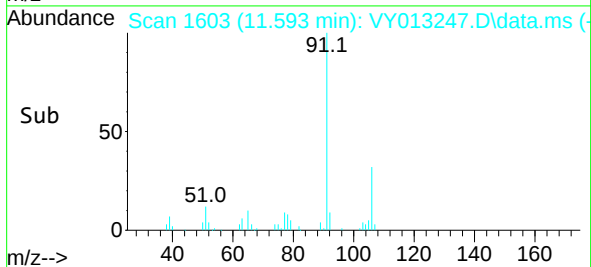
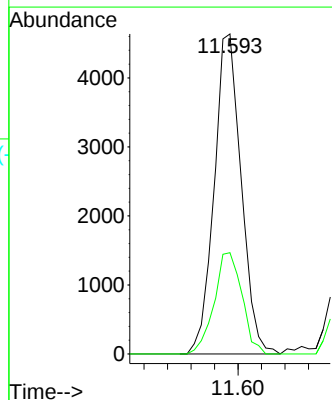
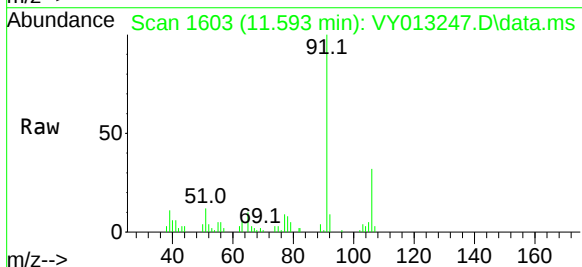
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

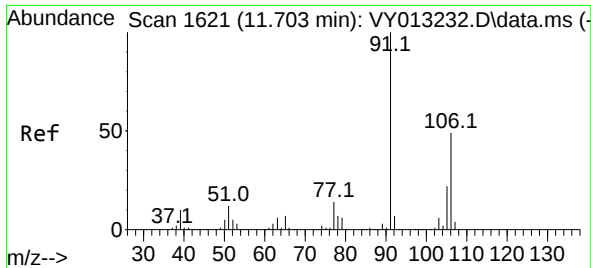
Tgt Ion:117 Resp: 125295
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 31.9 25.6 38.4



#67
Ethyl Benzene
Concen: 1.785 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

Tgt Ion: 91 Resp: 7400
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

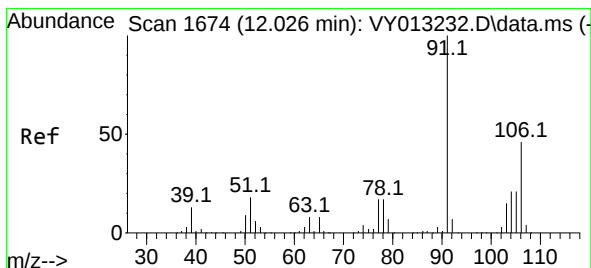
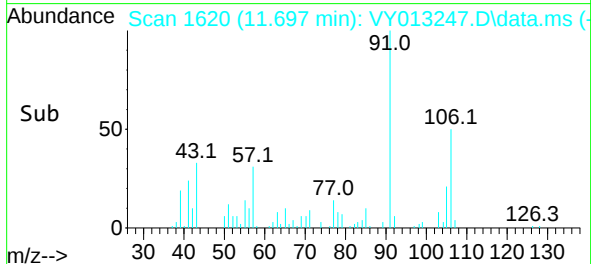
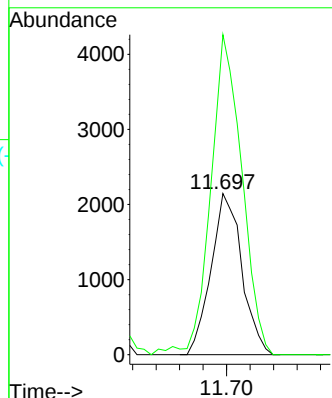
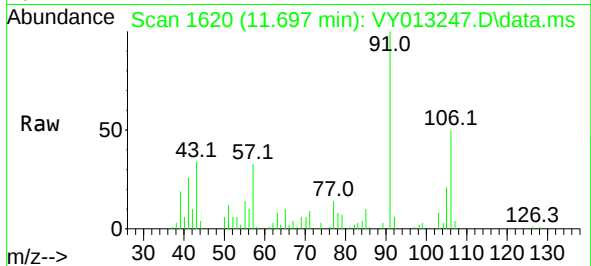




#68
m/p-Xylenes
Concen: 2.475 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

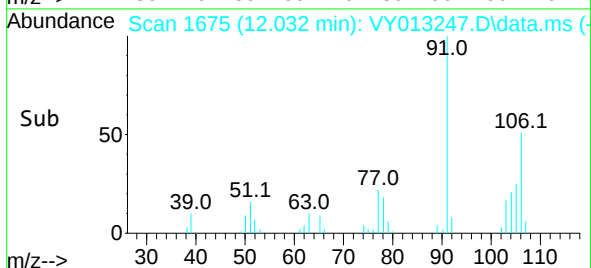
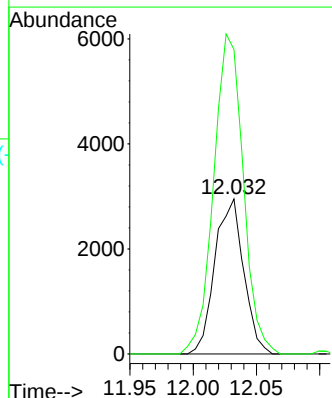
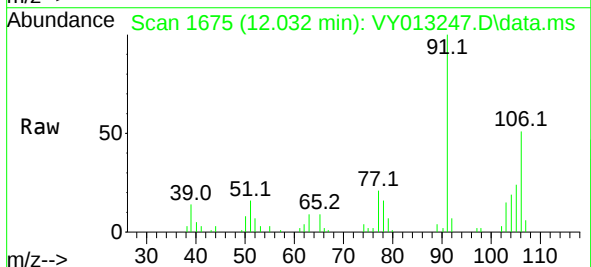
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

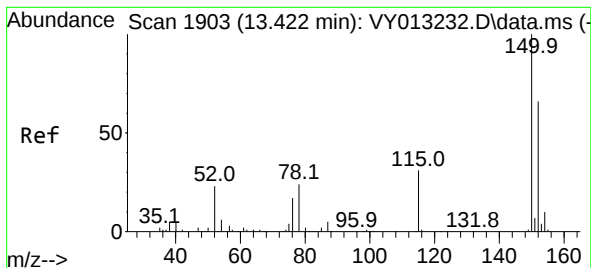
Tgt Ion:106 Resp: 3904
Ion Ratio Lower Upper
106 100
91 201.0 159.8 239.8



#69
o-Xylene
Concen: 3.113 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

Tgt Ion:106 Resp: 4666
Ion Ratio Lower Upper
106 100
91 212.5 107.2 321.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY013247.D

Acq: 11 Apr 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

MID-H4(ELEV-24)

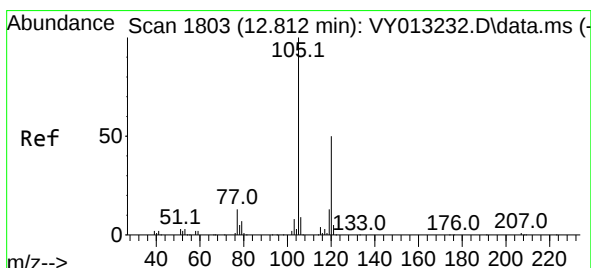
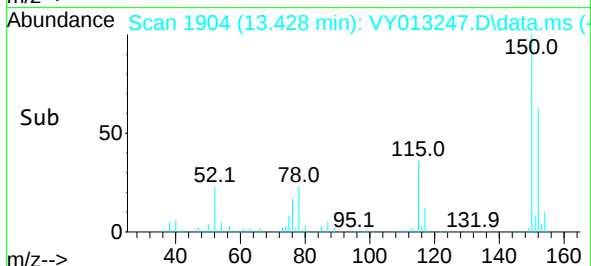
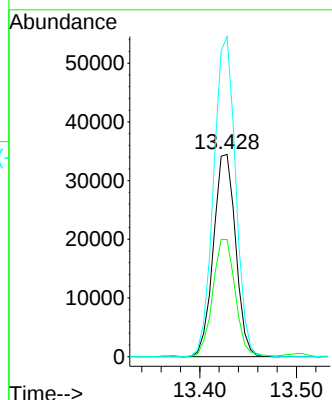
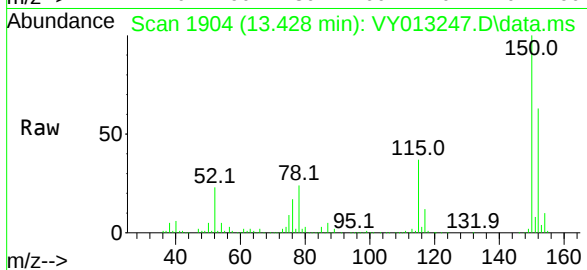
Tgt Ion:152 Resp: 55010

Ion Ratio Lower Upper

152 100

115 58.3 27.1 81.3

150 156.1 0.0 347.8



#80

1,3,5-Trimethylbenzene

Concen: 3.715 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013247.D

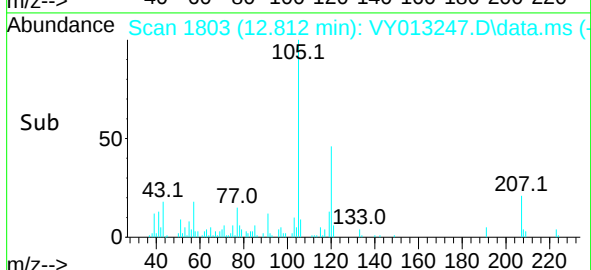
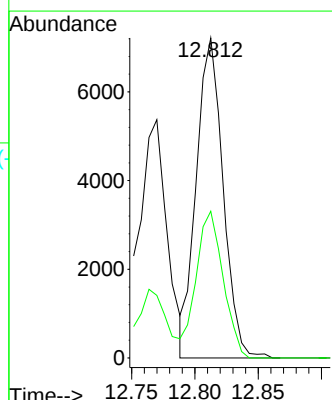
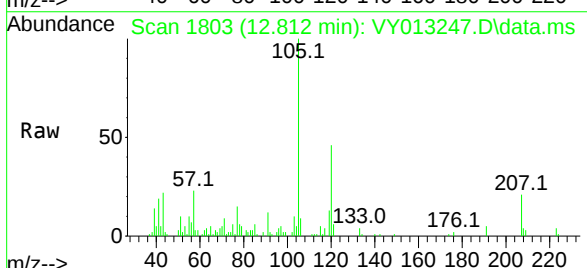
Acq: 11 Apr 2023 16:59

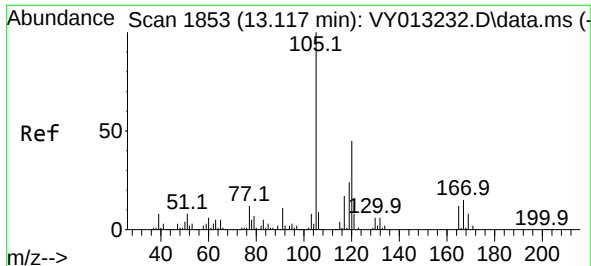
Tgt Ion:105 Resp: 10611

Ion Ratio Lower Upper

105 100

120 46.2 24.8 74.4

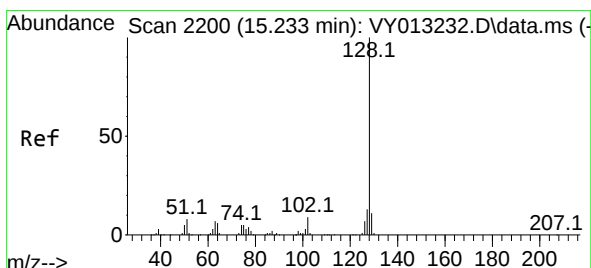
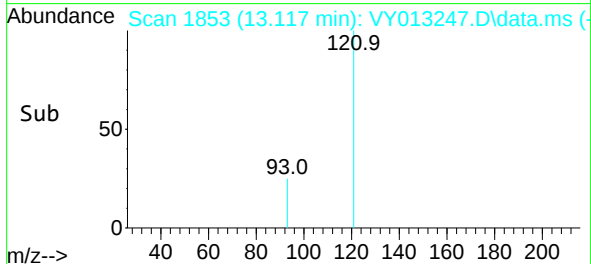
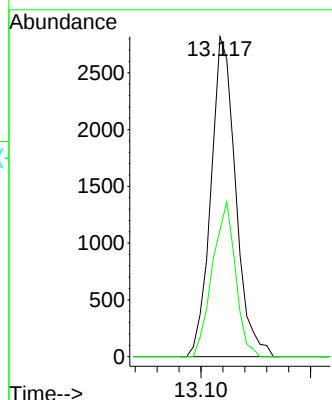
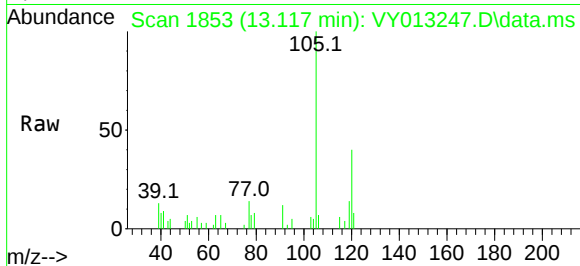




#84
1,2,4-Trimethylbenzene
Concen: 1.557 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

Tgt Ion:105 Resp: 4421
Ion Ratio Lower Upper
105 100
120 45.0 23.0 69.0



#95
Naphthalene
Concen: 5.629 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY013247.D
Acq: 11 Apr 2023 16:59

Tgt Ion:128 Resp: 12401
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.6 8.6 13.0

