

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012295.D
 Acq On : 20 Jan 2023 17:00
 Operator : KP/MD
 Sample : 01232-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-18B

Quant Time: Jan 23 02:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

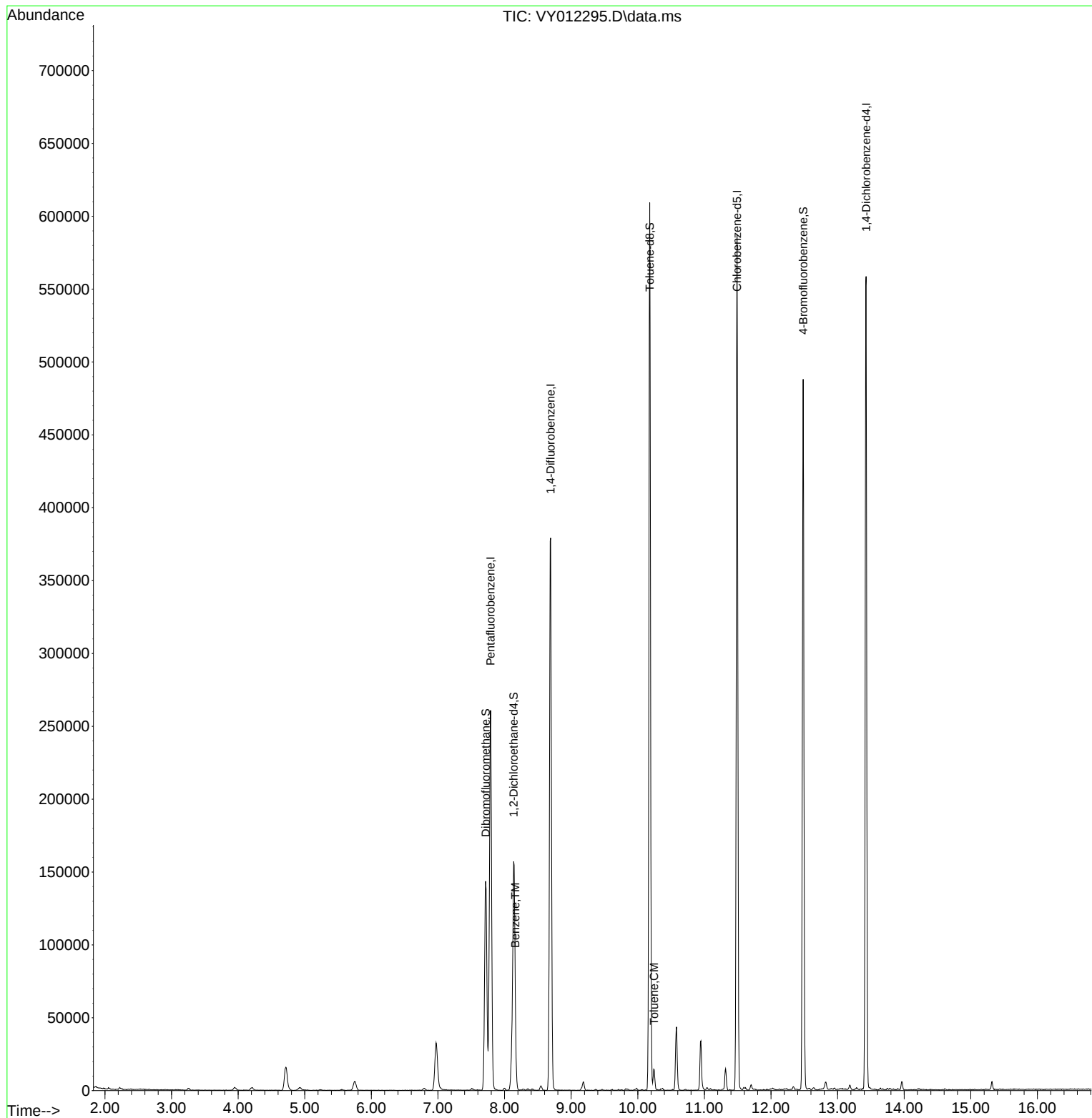
Internal Standards						
1) Pentafluorobenzene	7.789	168	205706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	115508	69.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.520%	
35) Dibromofluoromethane	7.716	113	101521	55.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.179	98	403901	64.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.880%	
62) 4-Bromofluorobenzene	12.483	95	135818	52.600	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.200%	
Target Compounds						Qvalue
40) Benzene	8.161	78	15186	1.690	ug/l	99
52) Toluene	10.246	92	6148	1.028	ug/l	100

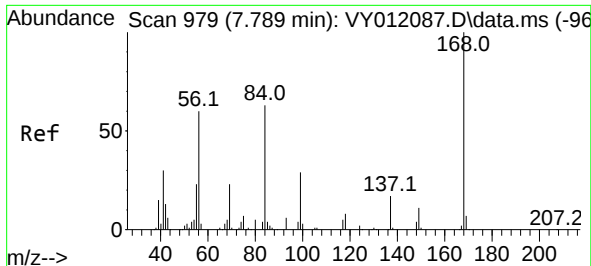
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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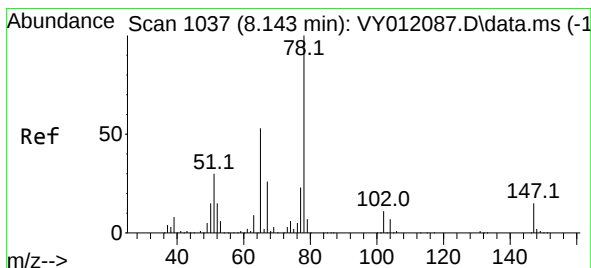
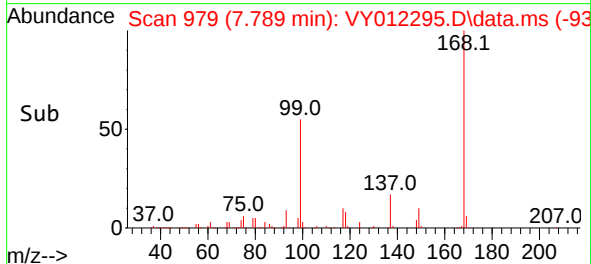
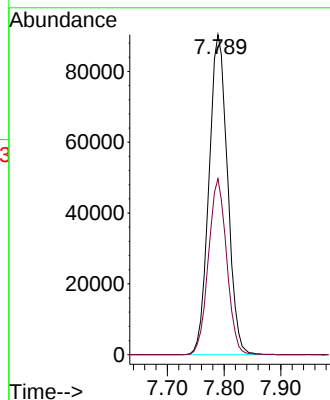
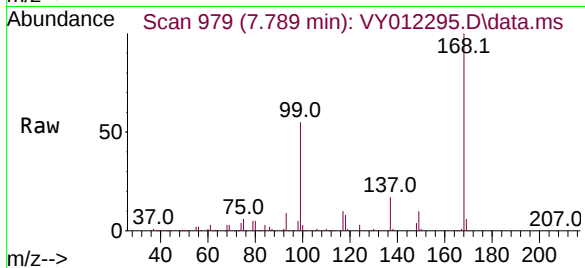




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012295.D
Acq: 20 Jan 2023 17:00

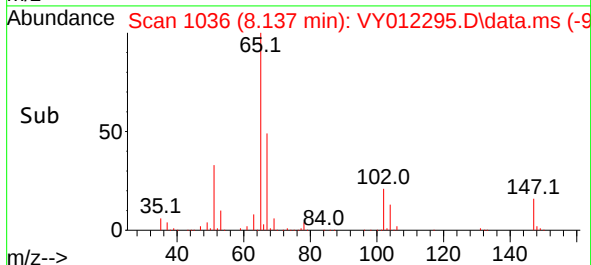
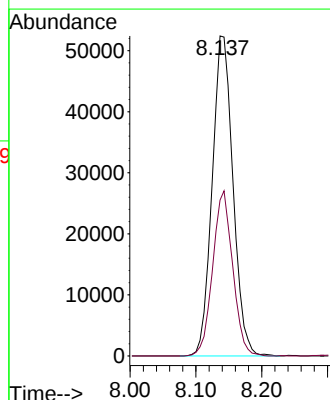
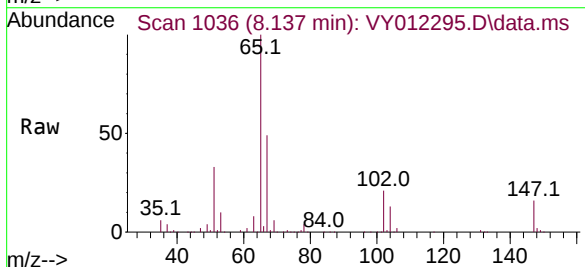
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18B

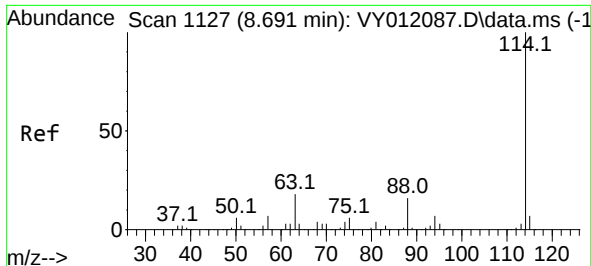
Tgt Ion:168 Resp: 205706
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 69.258 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012295.D
Acq: 20 Jan 2023 17:00

Tgt Ion: 65 Resp: 115508
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012295.D

Acq: 20 Jan 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

B-P-18B

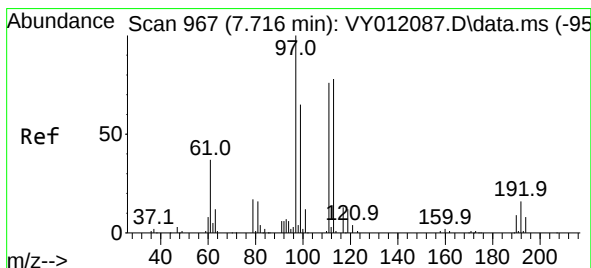
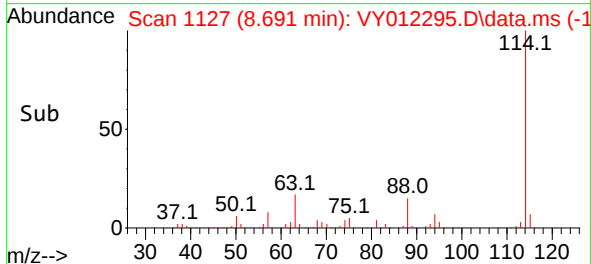
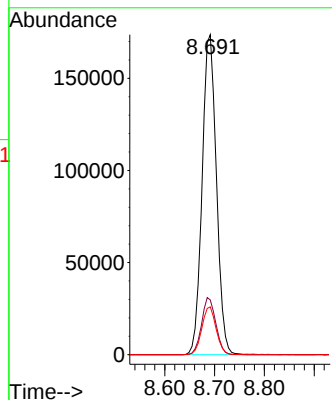
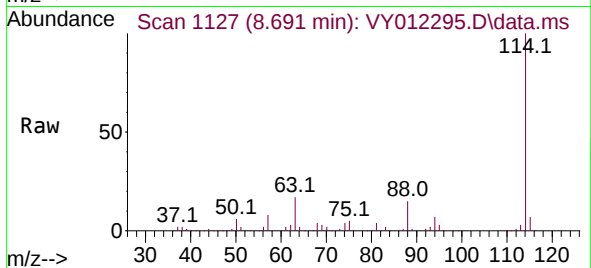
Tgt Ion:114 Resp: 345925

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.425 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012295.D

Acq: 20 Jan 2023 17:00

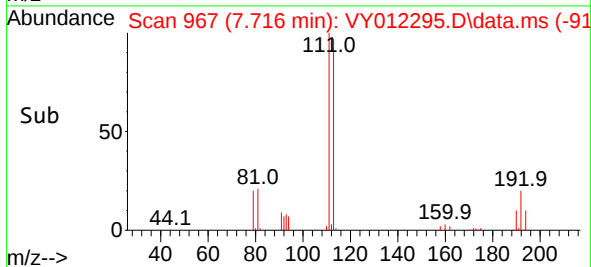
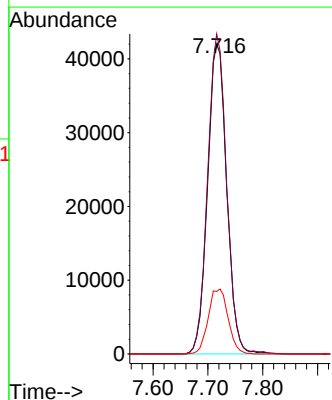
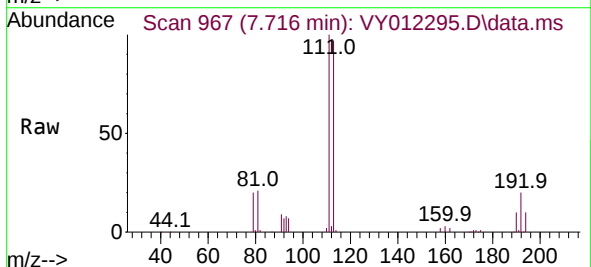
Tgt Ion:113 Resp: 101521

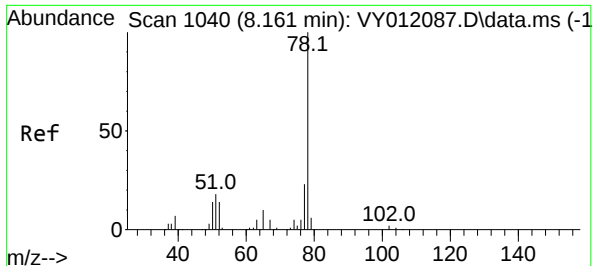
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 21.8 16.0 24.0

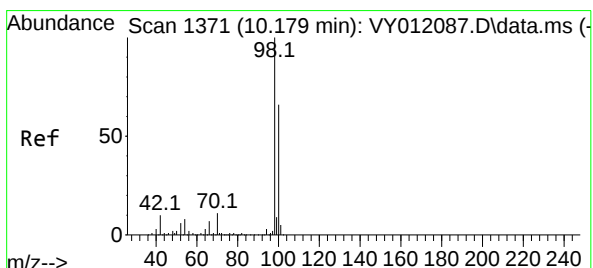
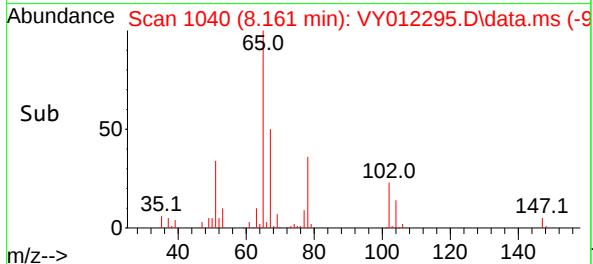
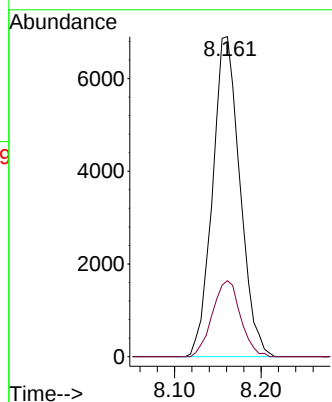
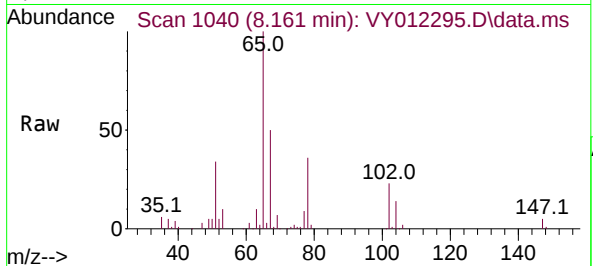




#40
Benzene
Concen: 1.690 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY012295.D
Acq: 20 Jan 2023 17:00

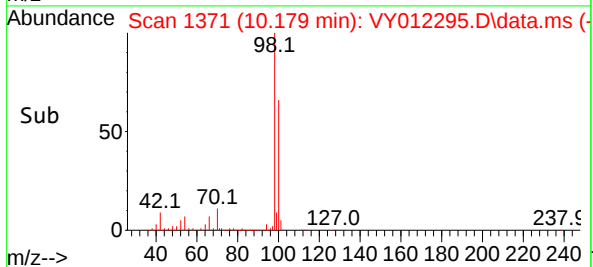
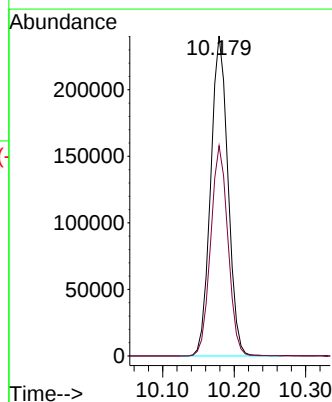
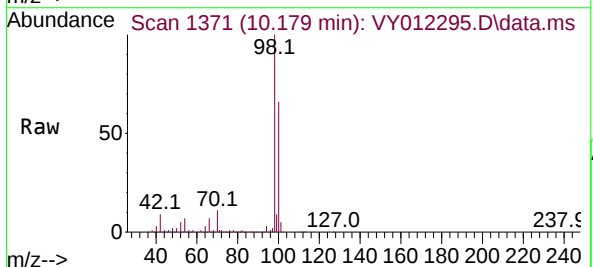
Instrument :
MSVOA_Y
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B-P-18B

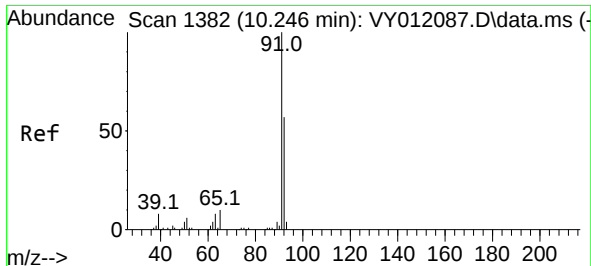
Tgt Ion: 78 Resp: 15186
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



#50
Toluene-d8
Concen: 64.936 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012295.D
Acq: 20 Jan 2023 17:00

Tgt Ion: 98 Resp: 403901
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

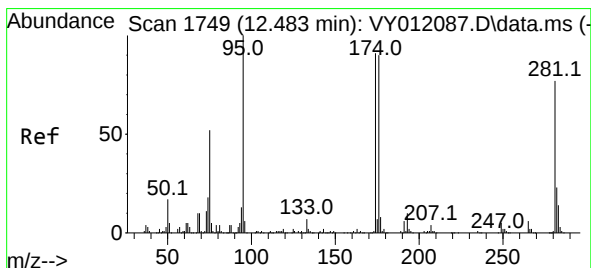
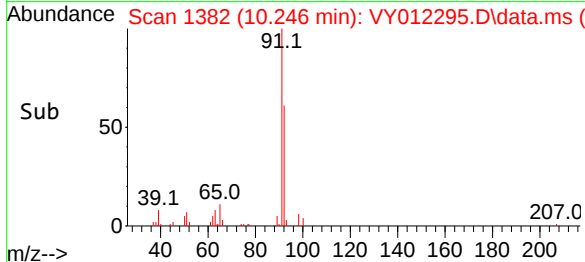
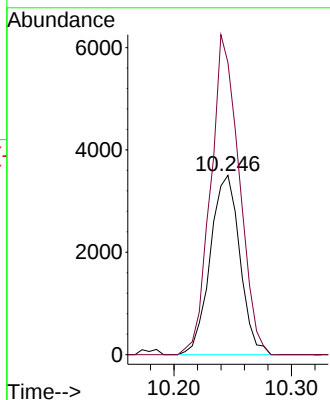
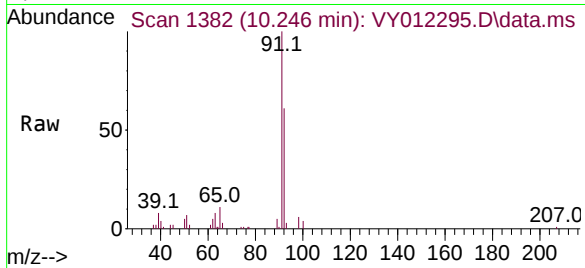




#52
Toluene
Concen: 1.028 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012295.D
Acq: 20 Jan 2023 17:00

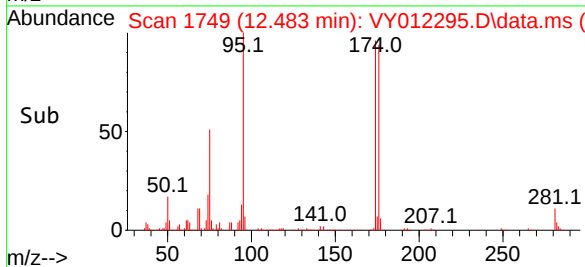
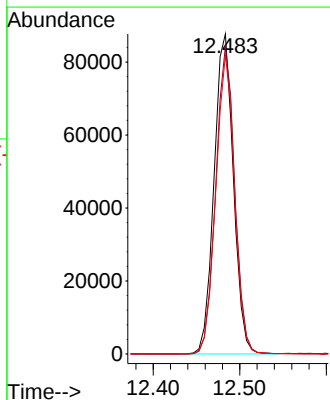
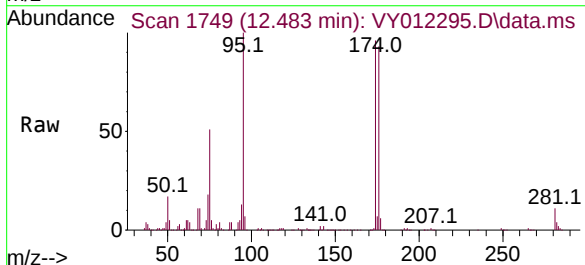
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18B

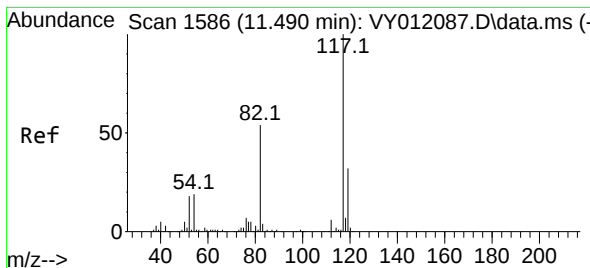
Tgt Ion: 92 Resp: 6148
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 52.600 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012295.D
Acq: 20 Jan 2023 17:00

Tgt Ion: 95 Resp: 135818
Ion Ratio Lower Upper
95 100
174 94.4 0.0 172.0
176 91.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012295.D

Acq: 20 Jan 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

B-P-18B

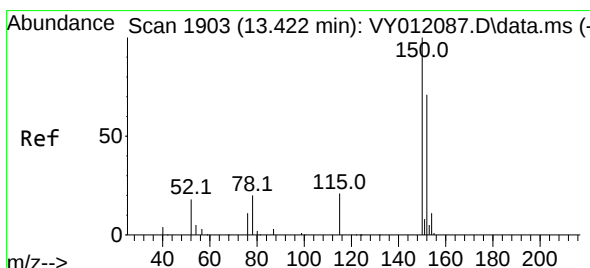
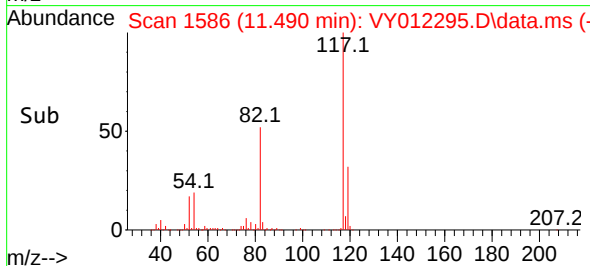
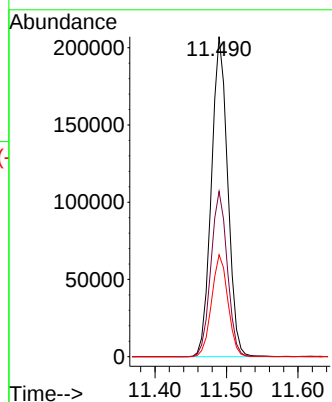
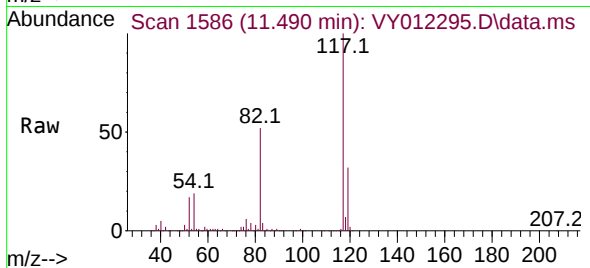
Tgt Ion:117 Resp: 328400

Ion Ratio Lower Upper

117 100

82 51.7 44.8 67.2

119 31.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012295.D

Acq: 20 Jan 2023 17:00

Tgt Ion:152 Resp: 154191

Ion Ratio Lower Upper

152 100

115 56.5 29.1 87.3

150 156.1 0.0 342.6

