

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012967.D
 Acq On : 16 Mar 2023 13:42
 Operator : KP/MD
 Sample : 01944-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MC-1

Quant Time: Mar 17 01:35:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

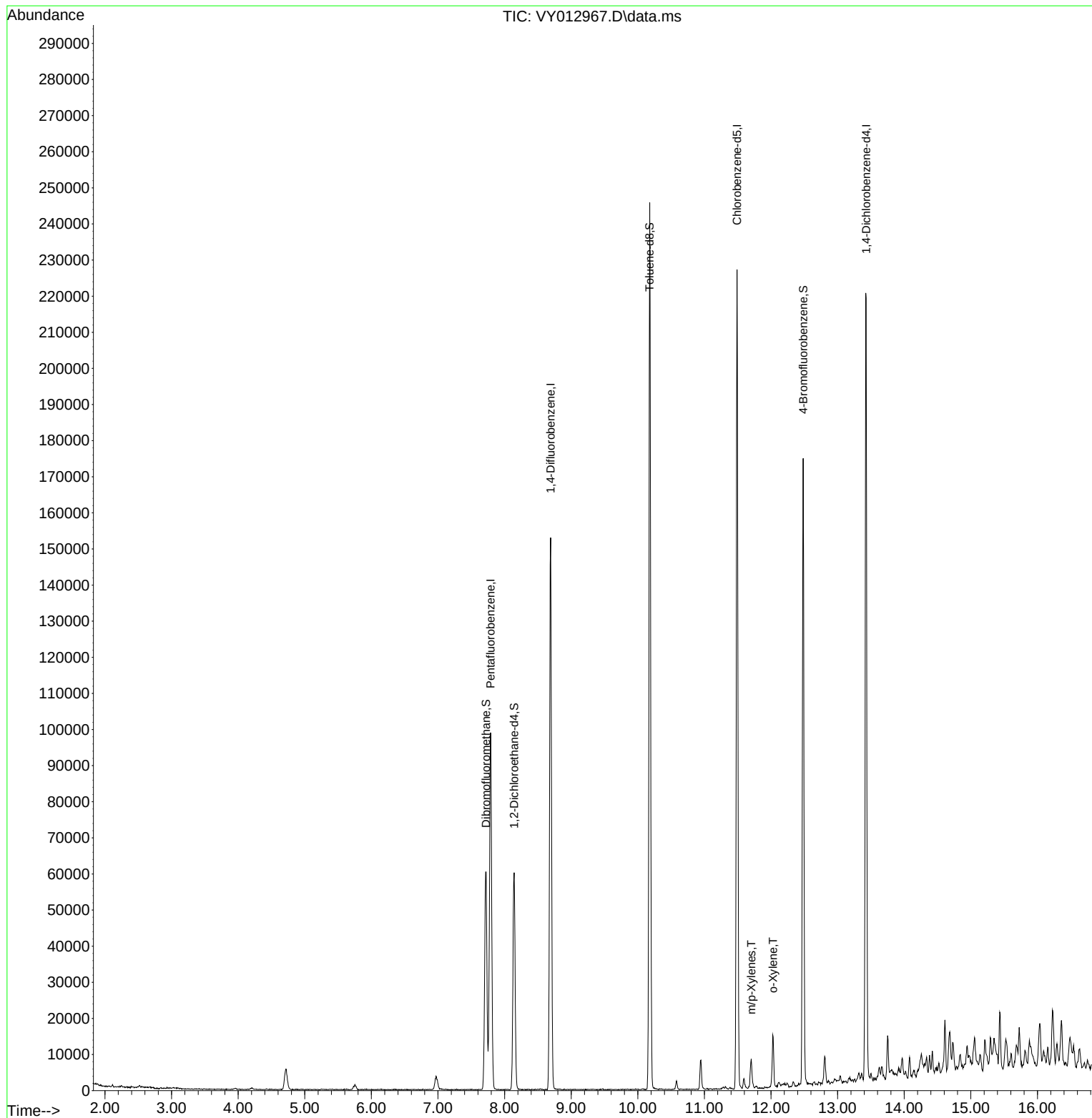
Internal Standards						
1) Pentafluorobenzene	7.789	168	77226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	118005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47176	61.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.060%	
35) Dibromofluoromethane	7.722	113	43098	55.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.080%	
50) Toluene-d8	10.179	98	155073	54.663	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.320%	
62) 4-Bromofluorobenzene	12.483	95	51257	53.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.060%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.703	106	2194	1.310	ug/l	90
69) o-Xylene	12.032	106	3657	2.339	ug/l	94

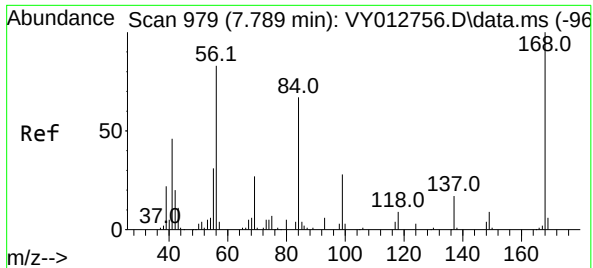
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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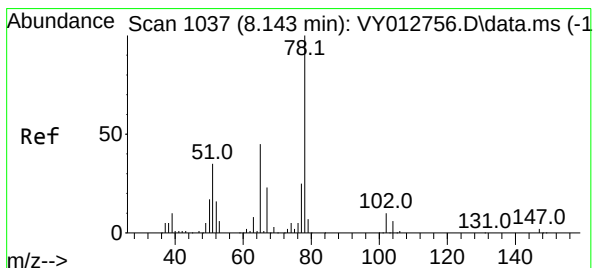
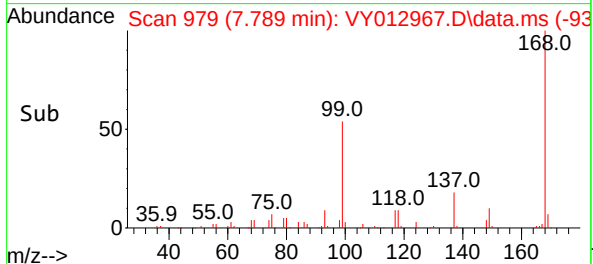
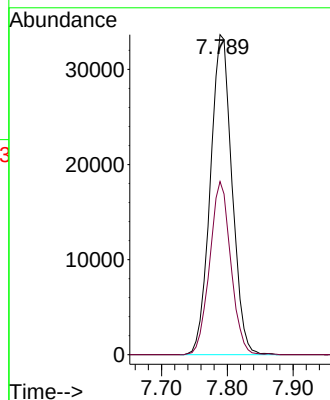
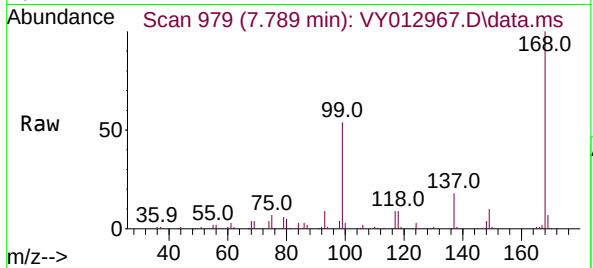




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

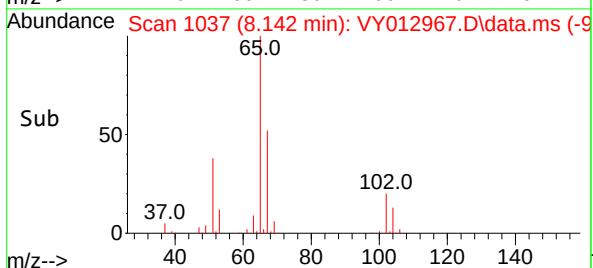
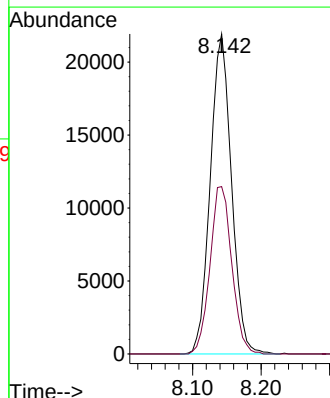
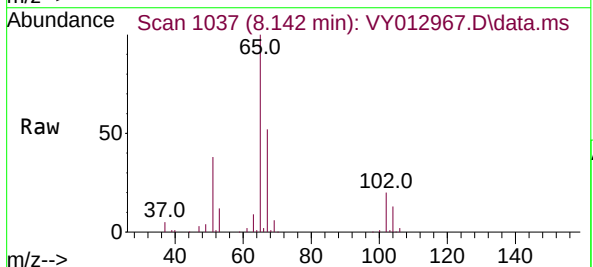
Instrument :
MSVOA_Y
ClientSampleId :
MC-1

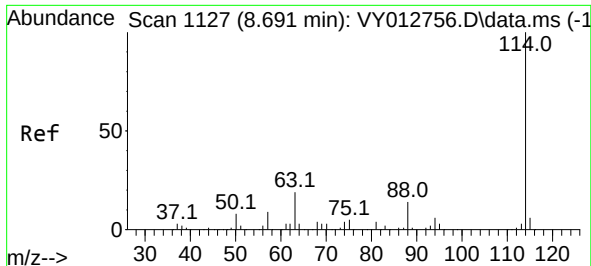
Tgt Ion:168 Resp: 77226
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 61.527 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

Tgt Ion: 65 Resp: 47176
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.0

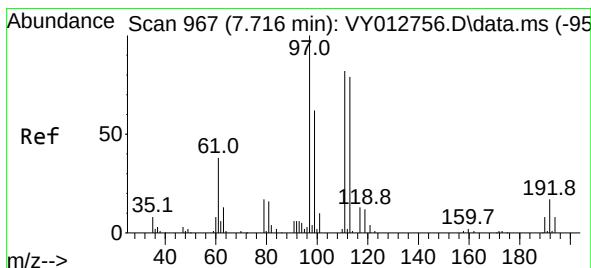
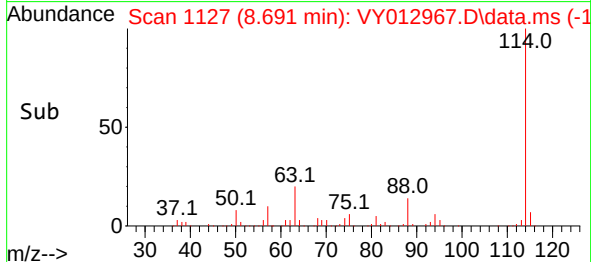
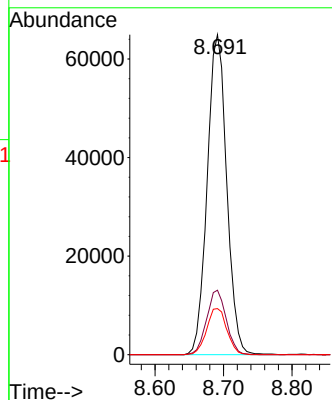
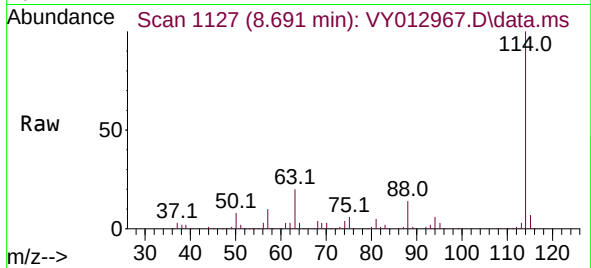




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

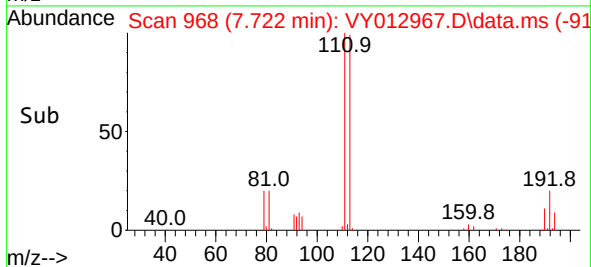
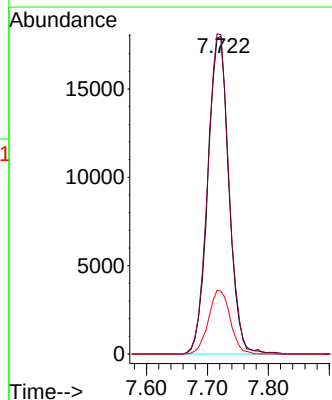
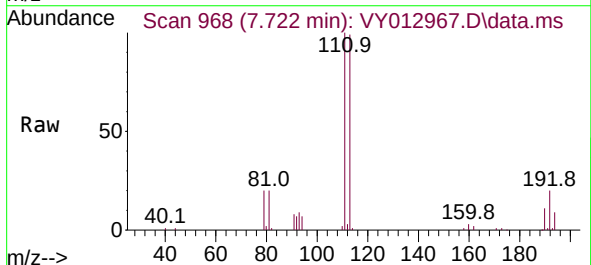
Instrument :
MSVOA_Y
ClientSampleId :
MC-1

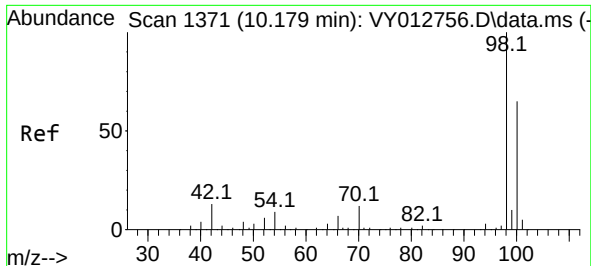
Tgt Ion:114 Resp: 128584
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 14.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 55.538 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

Tgt Ion:113 Resp: 43098
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.7 16.8 25.2

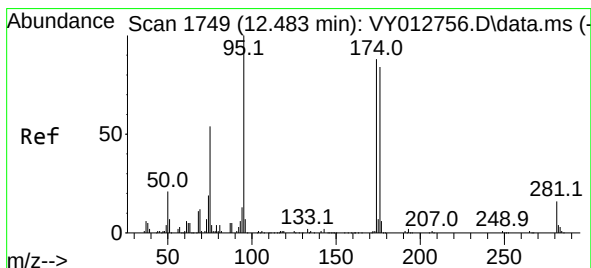
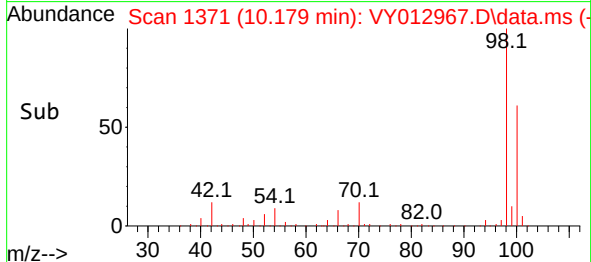
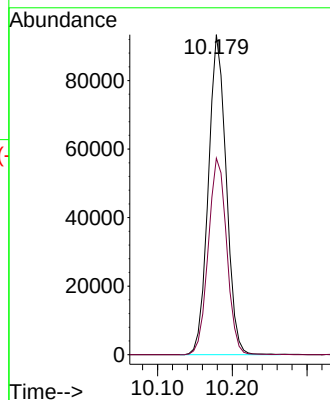
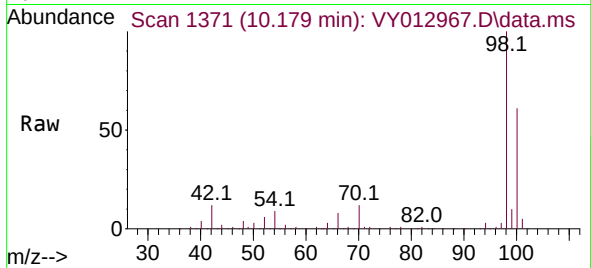




#50
Toluene-d8
Concen: 54.663 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

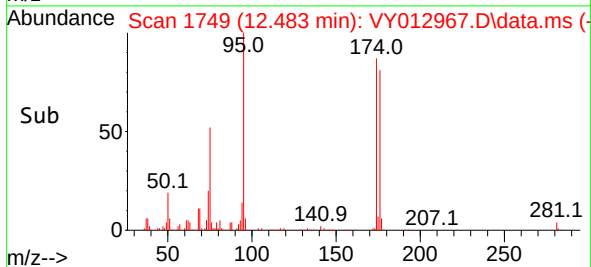
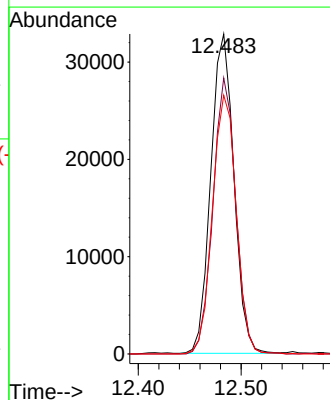
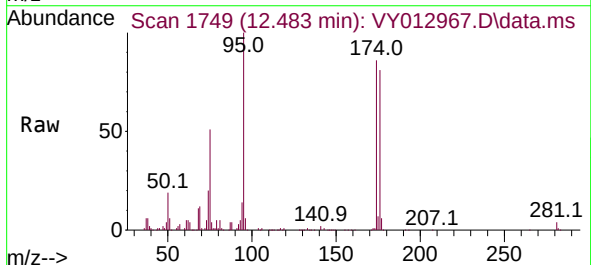
Instrument :
MSVOA_Y
ClientSampleId :
MC-1

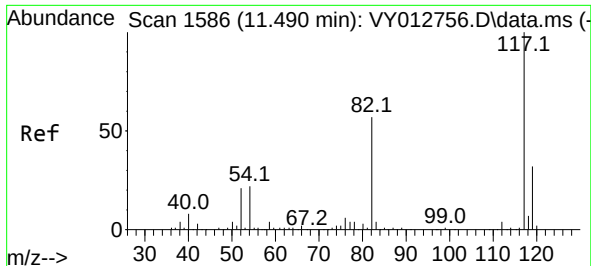
Tgt Ion: 98 Resp: 155073
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 53.531 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

Tgt Ion: 95 Resp: 51257
Ion Ratio Lower Upper
95 100
174 85.0 0.0 176.6
176 83.2 0.0 170.2

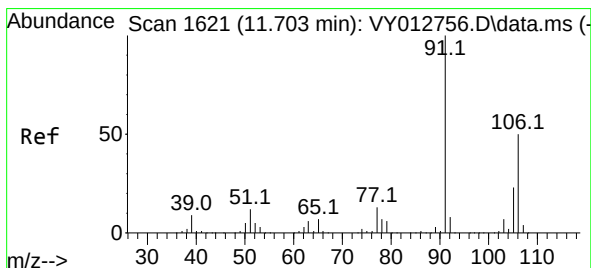
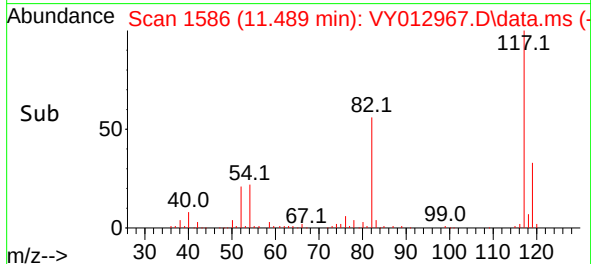
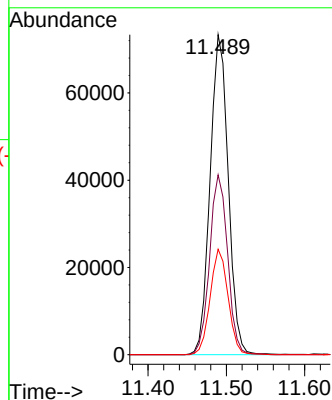
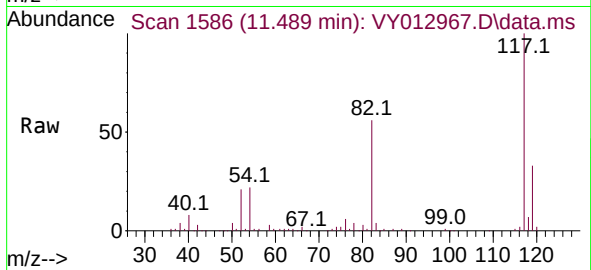




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

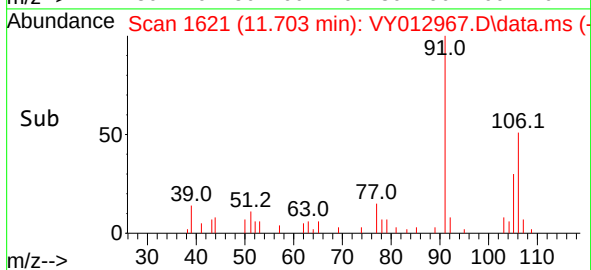
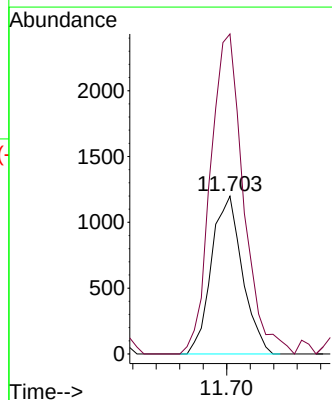
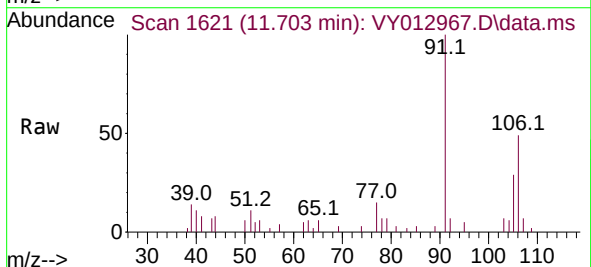
Instrument :
MSVOA_Y
ClientSampleId :
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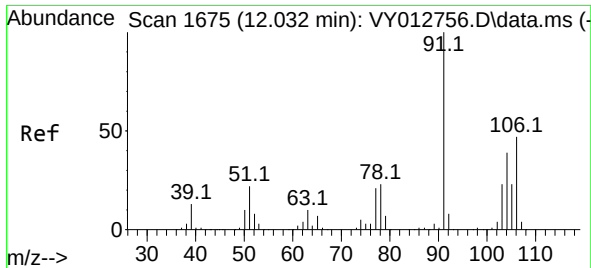
Tgt Ion:117 Resp: 118005
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 33.0 25.6 38.4



#68
m/p-Xylenes
Concen: 1.310 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

Tgt Ion:106 Resp: 2194
Ion Ratio Lower Upper
106 100
91 215.6 159.8 239.8

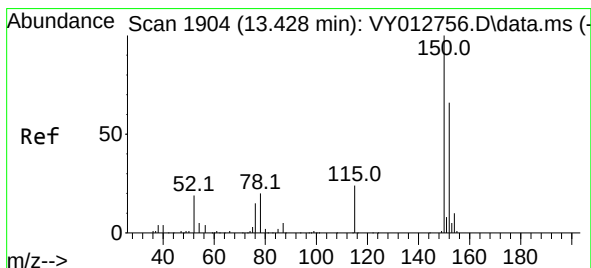
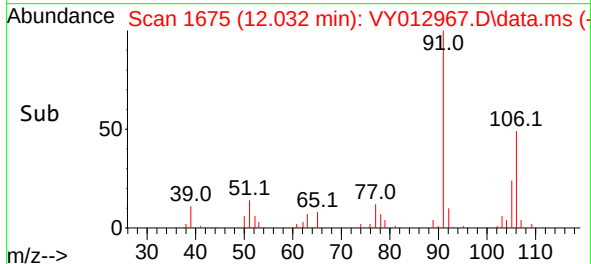
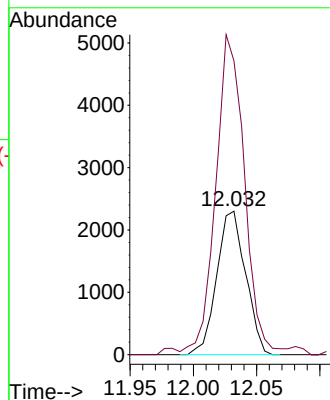
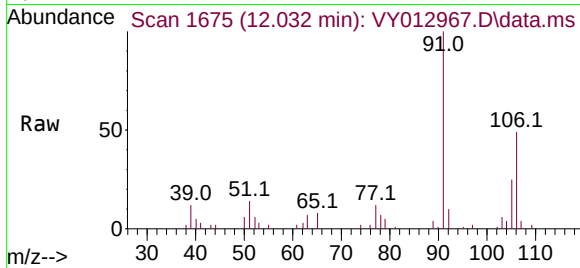




#69
o-Xylene
Concen: 2.339 ug/l
RT: 12.032 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

Instrument :
MSVOA_Y
ClientSampleId :
MC-1

Tgt Ion:106 Resp: 3657
Ion Ratio Lower Upper
106 100
91 223.1 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012967.D
Acq: 16 Mar 2023 13:42

Tgt Ion:152 Resp: 55862
Ion Ratio Lower Upper
152 100
115 57.5 27.1 81.3
150 158.3 0.0 347.8

