

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017069.D
 Acq On : 22 Jan 2024 12:45
 Operator : SY/MD
 Sample : P1183-03
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-305-25-27

Quant Time: Jan 23 01:44:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

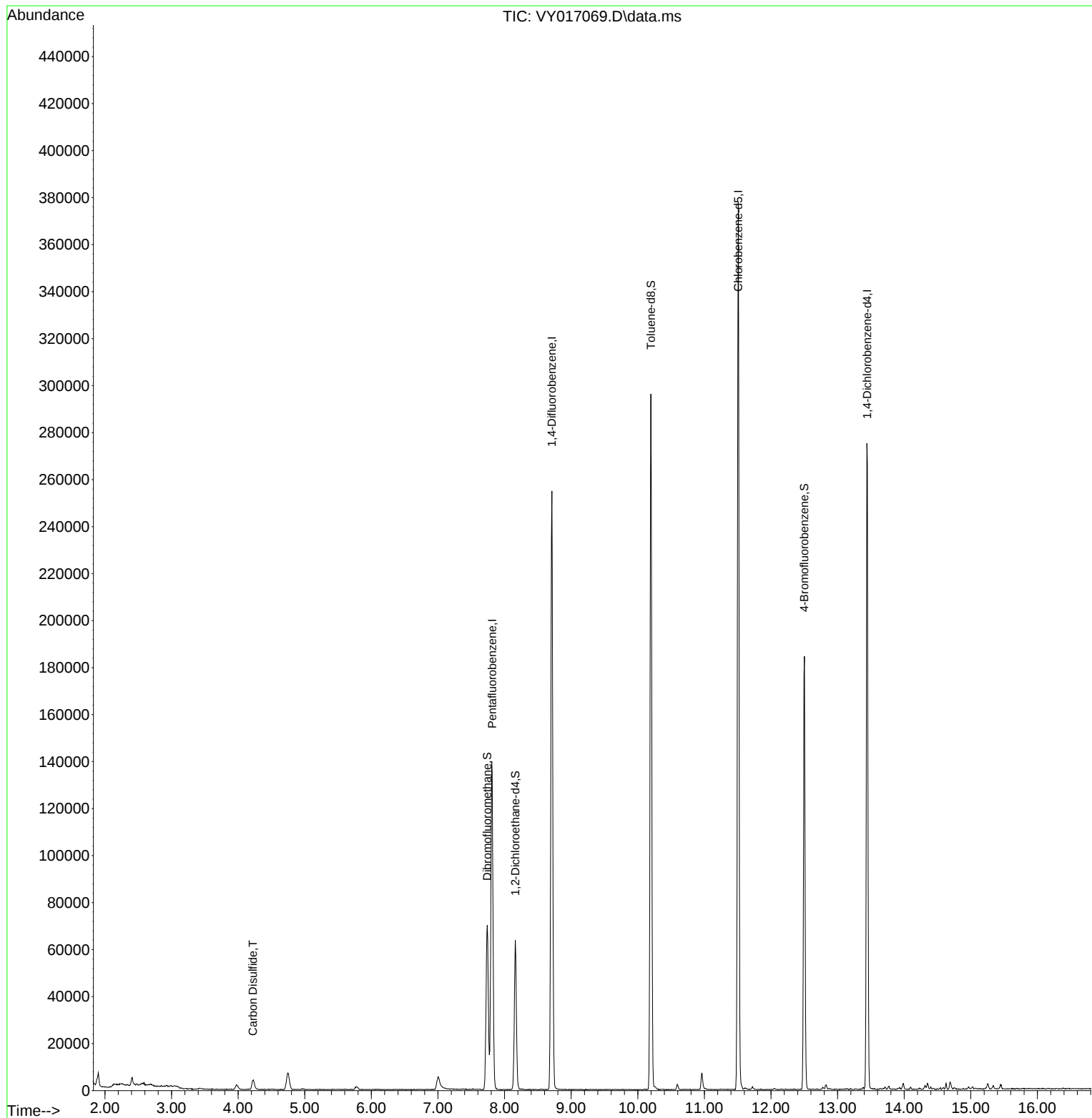
Internal Standards						
1) Pentafluorobenzene	7.813	168	105446	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	219625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	206736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	71584	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	47006	45.103	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.740	113	52450	37.477	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.960%
50) Toluene-d8	10.197	98	193283	40.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.220%
62) 4-Bromofluorobenzene	12.502	95	56485	34.739	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.480%
Target Compounds						
17) Carbon Disulfide	4.223	76	8230	3.430	ug/l	Qvalue # 92

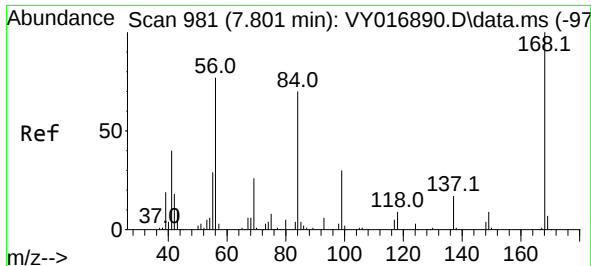
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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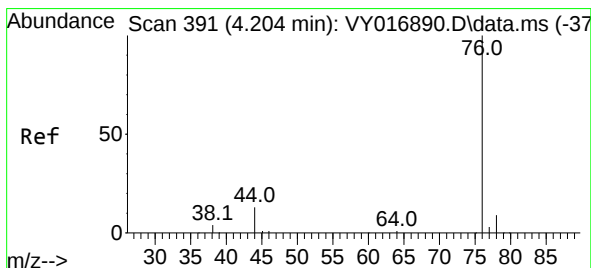
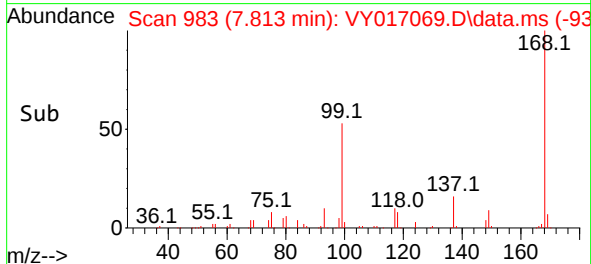
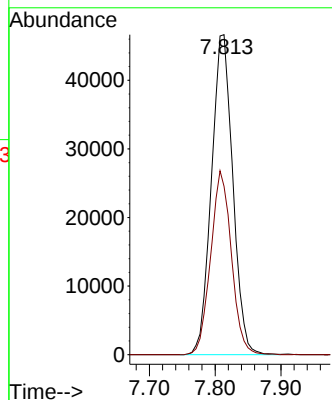
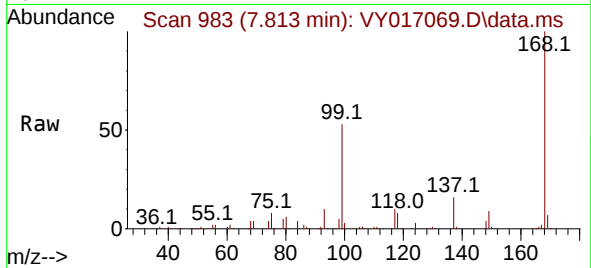




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017069.D
Acq: 22 Jan 2024 12:45

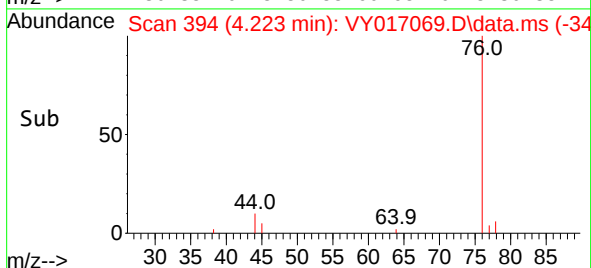
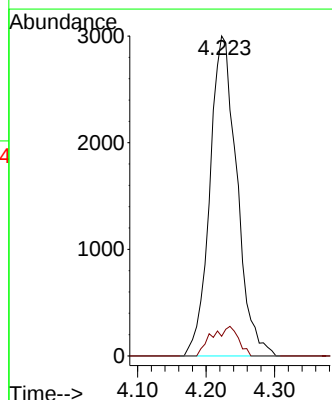
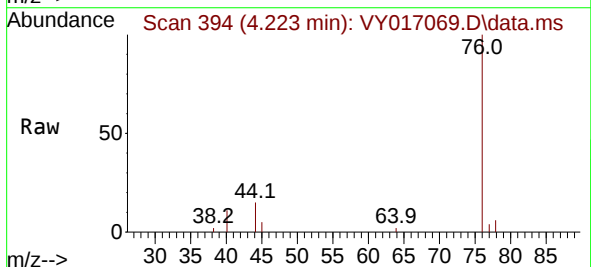
Instrument :
MSVOA_Y
ClientSampleId :
MR-305-25-27

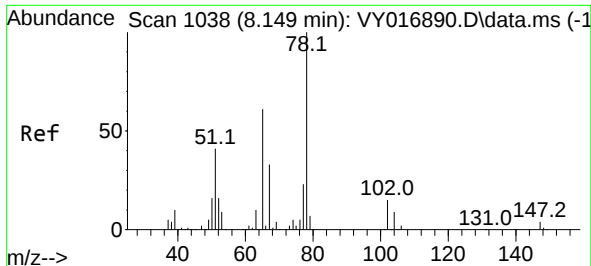
Tgt Ion:168 Resp: 105446
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#17
Carbon Disulfide
Concen: 3.430 ug/l
RT: 4.223 min Scan# 394
Delta R.T. 0.013 min
Lab File: VY017069.D
Acq: 22 Jan 2024 12:45

Tgt Ion: 76 Resp: 8230
Ion Ratio Lower Upper
76 100
78 6.2 7.4 11.0#

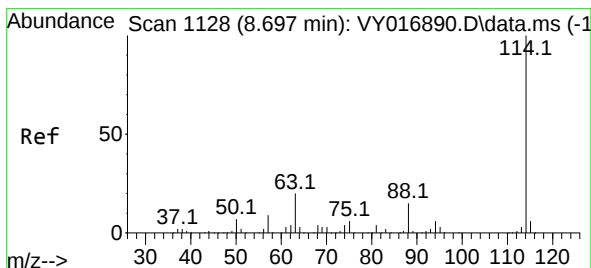
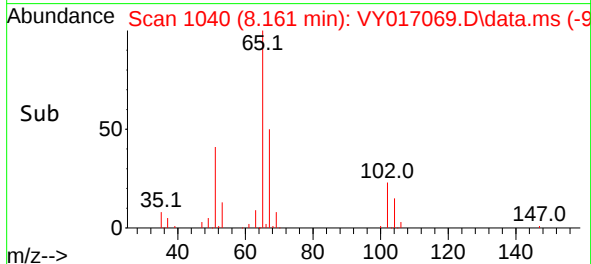
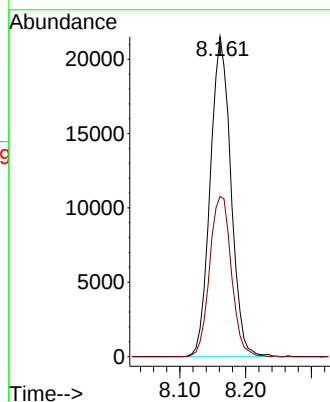
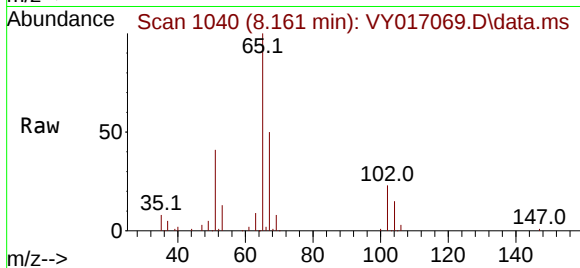




#33
 1,2-Dichloroethane-d4
 Concen: 45.103 ug/l
 RT: 8.161 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY017069.D
 Acq: 22 Jan 2024 12:45

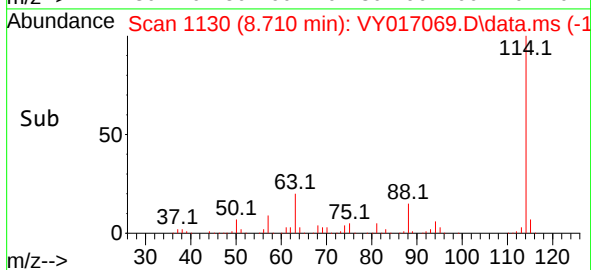
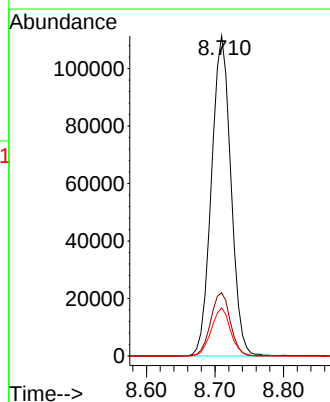
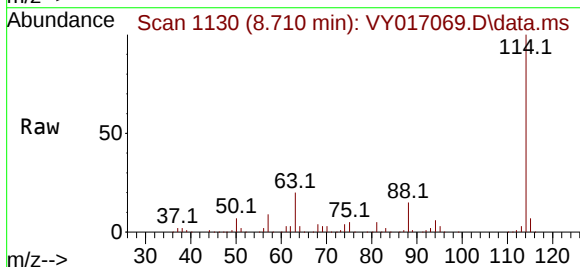
Instrument :
 MSVOA_Y
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 MR-305-25-27

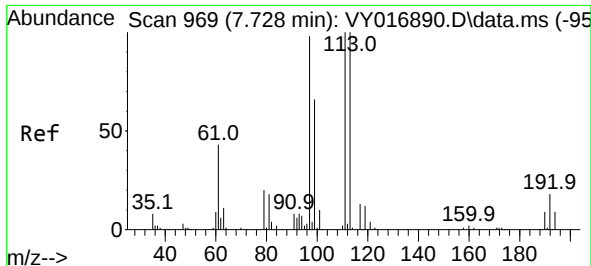
Tgt Ion: 65 Resp: 47006
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.007 min
 Lab File: VY017069.D
 Acq: 22 Jan 2024 12:45

Tgt Ion: 114 Resp: 219625
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.4
 88 15.0 0.0 29.0

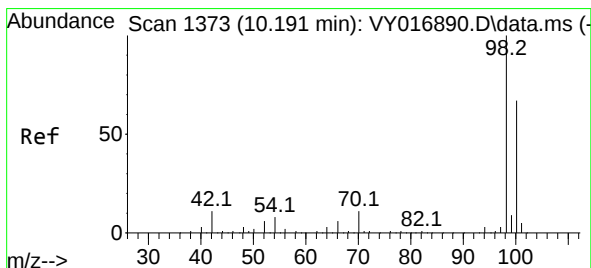
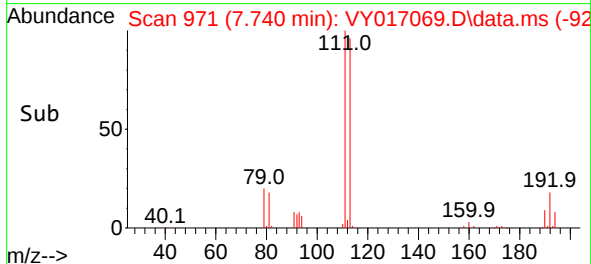
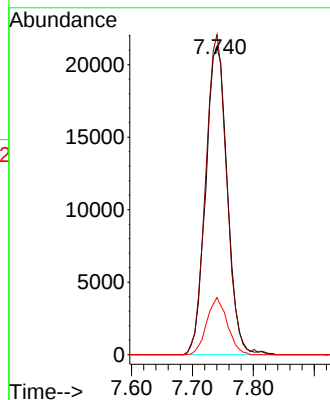
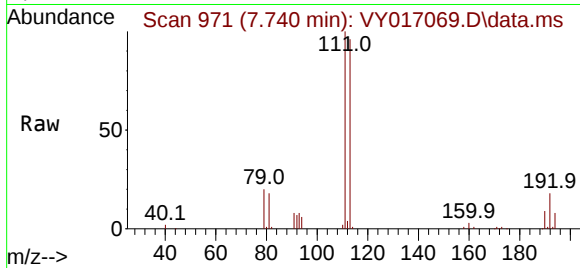




#35
Dibromofluoromethane
Concen: 37.477 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017069.D
Acq: 22 Jan 2024 12:45

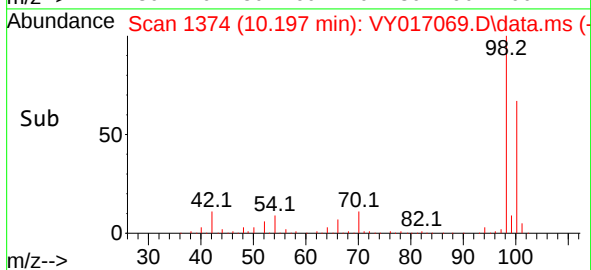
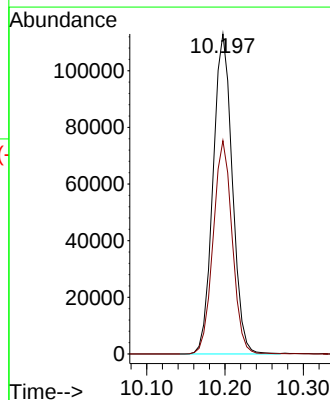
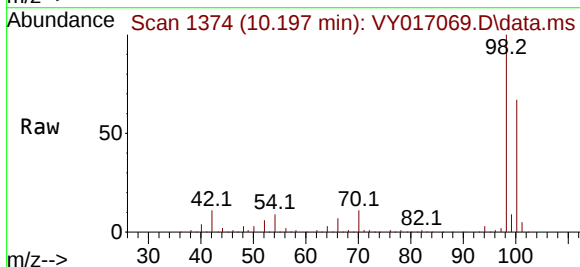
Instrument :
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MR-305-25-27

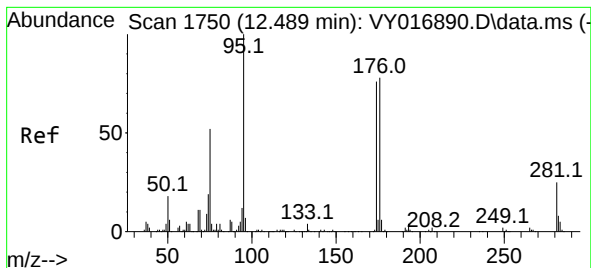
Tgt Ion:113 Resp: 52450
Ion Ratio Lower Upper
113 100
111 101.2 83.8 125.6
192 17.6 14.5 21.7



#50
Toluene-d8
Concen: 40.106 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017069.D
Acq: 22 Jan 2024 12:45

Tgt Ion: 98 Resp: 193283
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

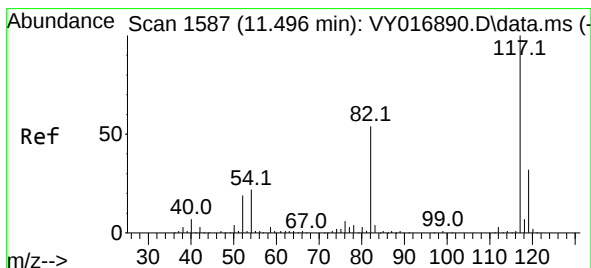
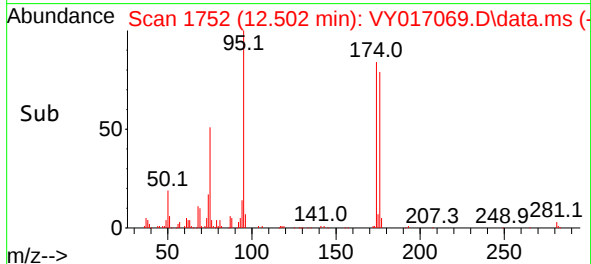
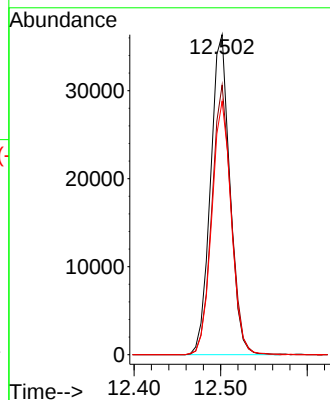
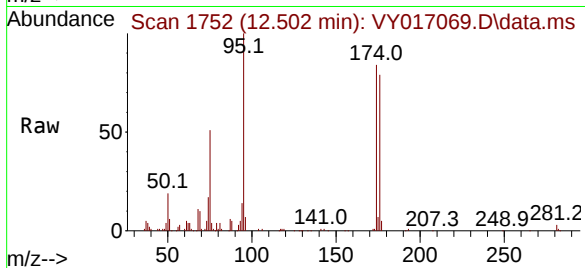




#62
4-Bromofluorobenzene
Concen: 34.739 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017069.D
Acq: 22 Jan 2024 12:45

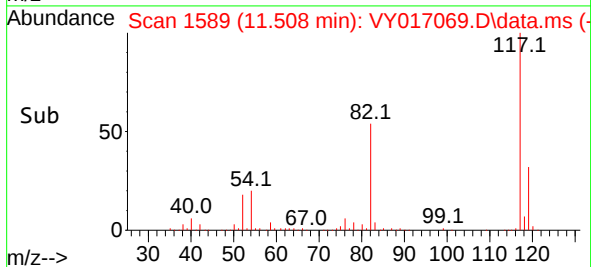
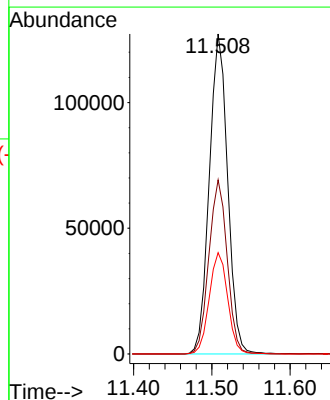
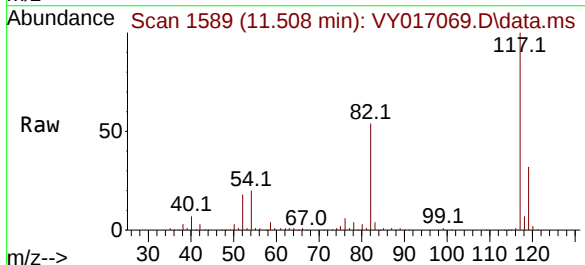
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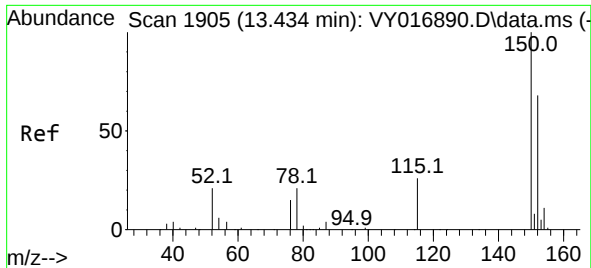
Tgt Ion: 95 Resp: 56485
Ion Ratio Lower Upper
95 100
174 84.2 0.0 160.0
176 80.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017069.D
Acq: 22 Jan 2024 12:45

Tgt Ion: 117 Resp: 206736
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.7 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.013 min
 Lab File: VY017069.D
 Acq: 22 Jan 2024 12:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-305-25-27

Tgt Ion:152 Resp: 71584
 Ion Ratio Lower Upper
 152 100
 115 57.8 30.0 90.0
 150 156.9 0.0 344.6

