

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012854.D
 Acq On : 07 Mar 2023 18:52
 Operator : KP/MD
 Sample : 01763-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CM-A-CRUSHED-MASONRY-PILE-1

Quant Time: Mar 07 23:45:21 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)

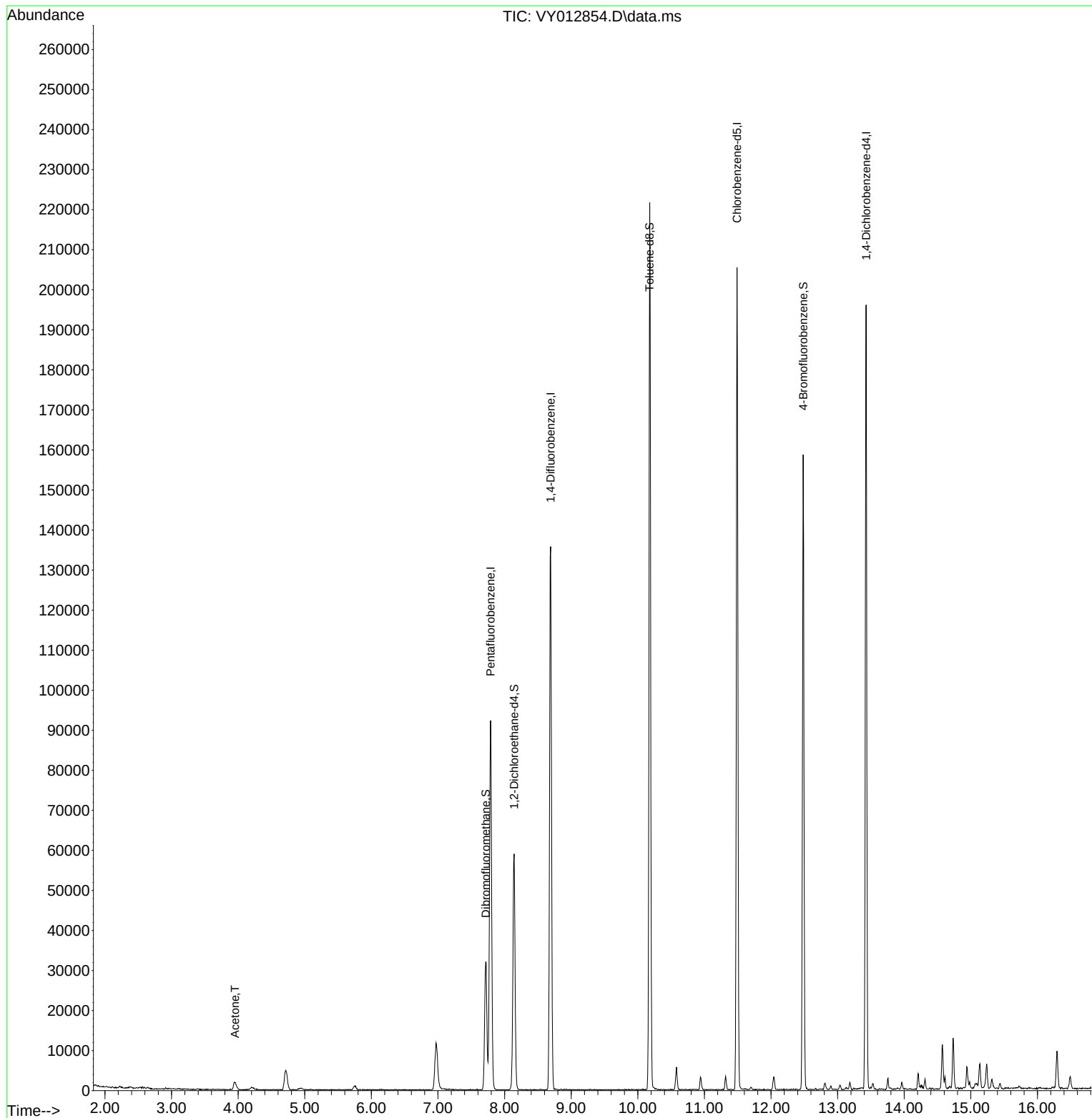
Internal Standards						
1) Pentafluorobenzene	7.789	168	71717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	117855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	111252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44107	61.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.880%
35) Dibromofluoromethane	7.716	113	22393	31.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.960%
50) Toluene-d8	10.179	98	142782	54.912	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.820%
62) 4-Bromofluorobenzene	12.483	95	42421	48.336	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.680%
Target Compounds						
16) Acetone	3.954	43	3672	13.138	ug/l	Qvalue 92

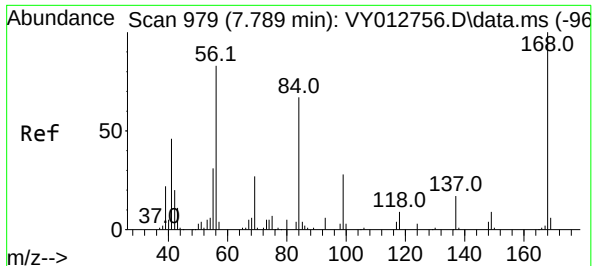
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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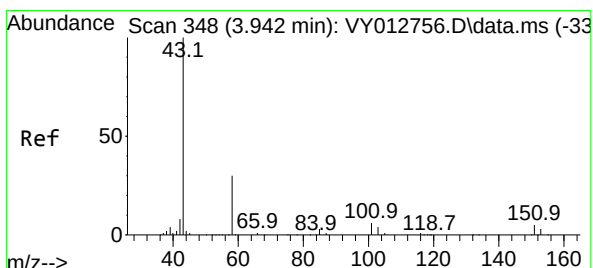
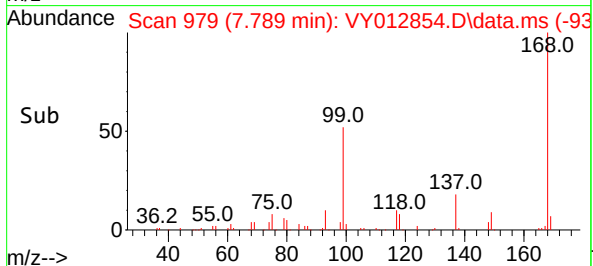
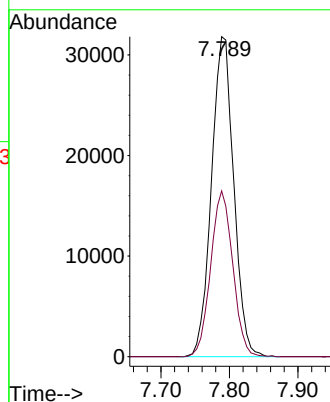
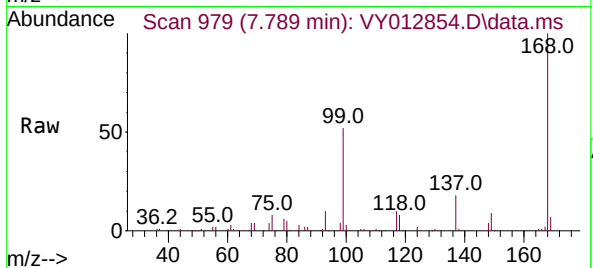




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

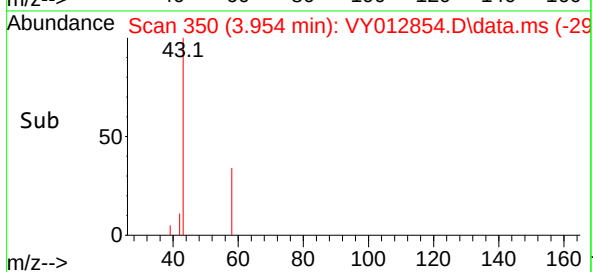
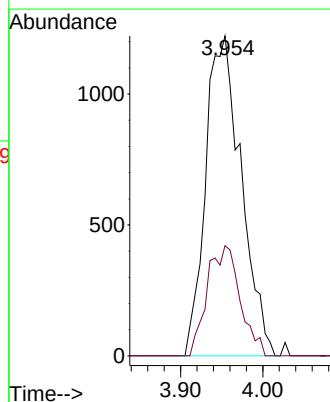
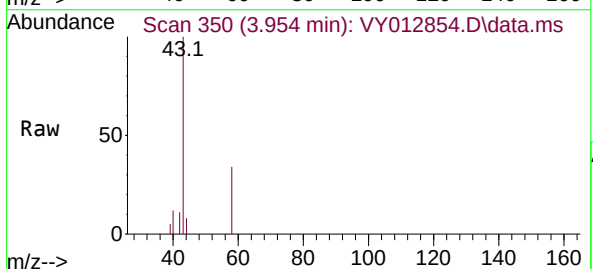
Instrument :
MSVOA_Y
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

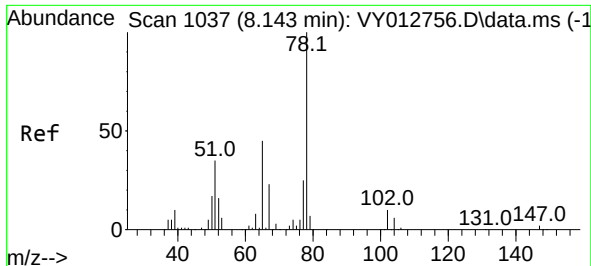
Tgt Ion:168 Resp: 71717
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#16
Acetone
Concen: 13.138 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Tgt Ion: 43 Resp: 3672
Ion Ratio Lower Upper
43 100
58 34.5 24.2 36.2

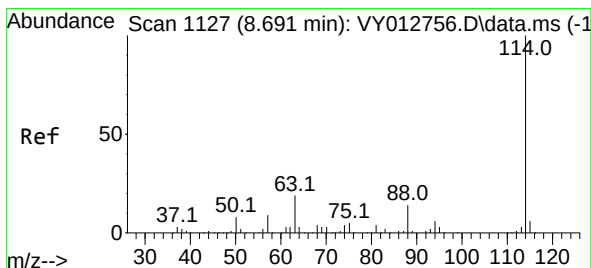
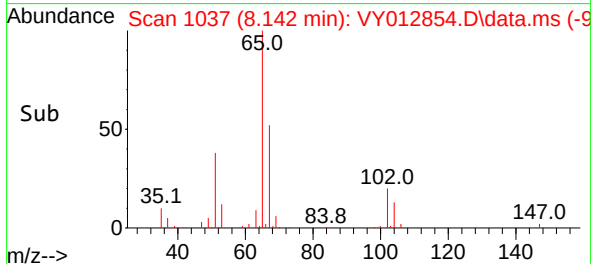
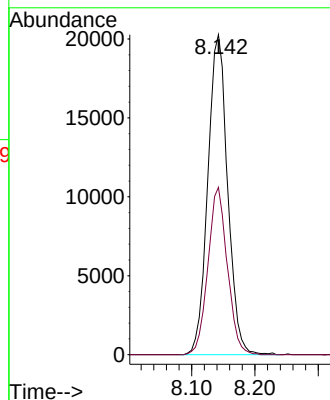
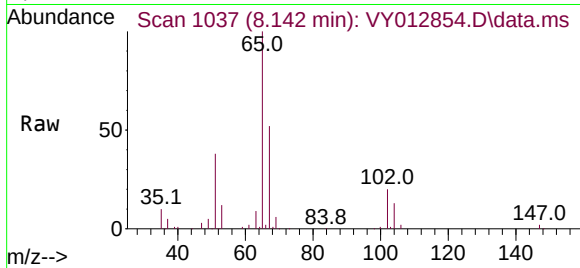




#33
 1,2-Dichloroethane-d4
 Concen: 61.943 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012854.D
 Acq: 07 Mar 2023 18:52

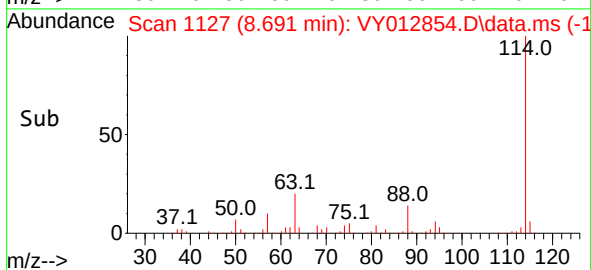
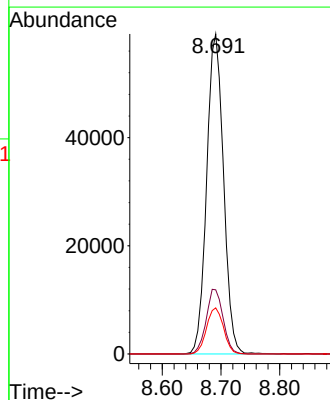
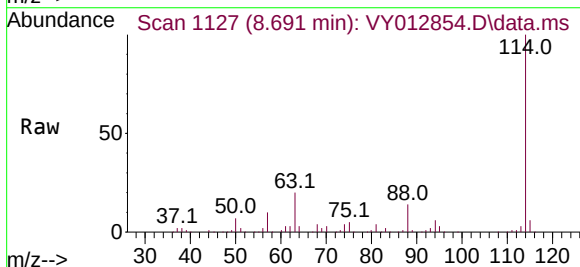
Instrument : MSVOA_Y
 ClientSampleId : CM-A-CRUSHED-MASONRY-PILE-1

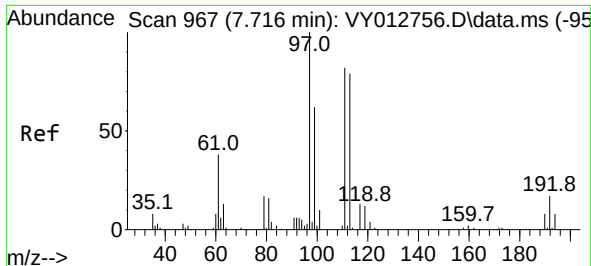
Tgt Ion: 65 Resp: 44107
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012854.D
 Acq: 07 Mar 2023 18:52

Tgt Ion: 114 Resp: 117855
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 14.4 0.0 28.6

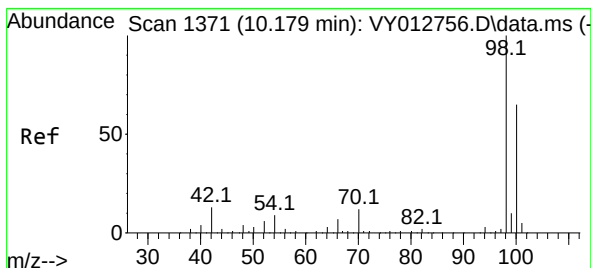
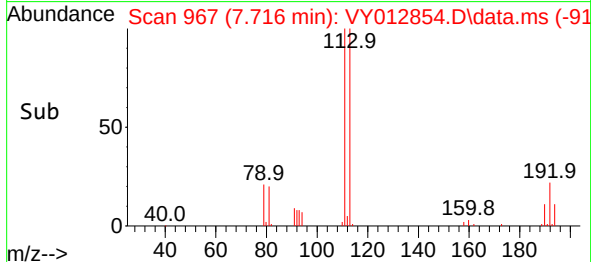
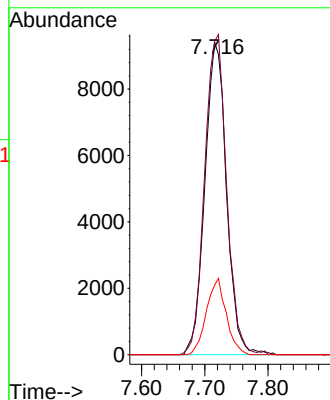
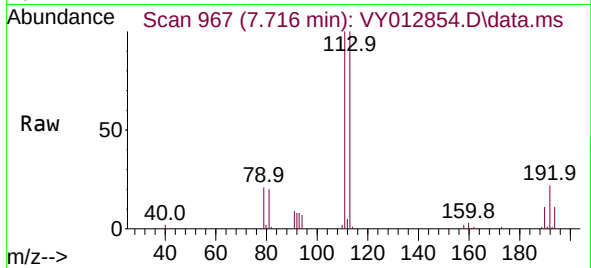




#35
Dibromofluoromethane
Concen: 31.484 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

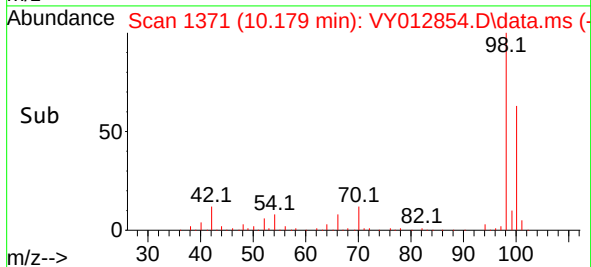
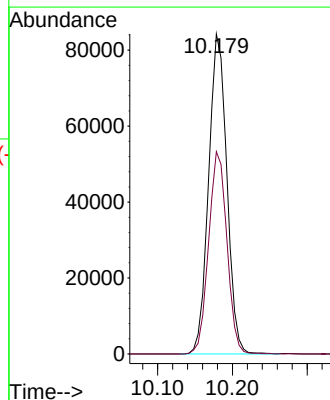
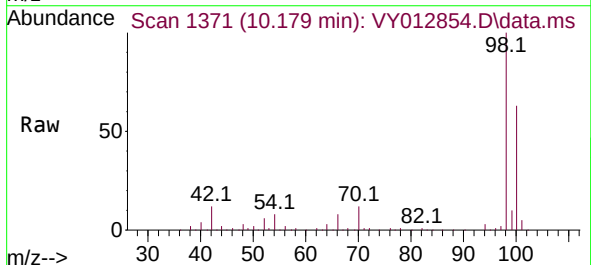
Instrument :
MSVOA_Y
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

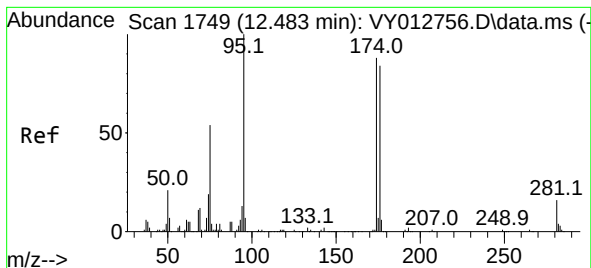
Tgt Ion:113 Resp: 22393
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 22.3 16.8 25.2



#50
Toluene-d8
Concen: 54.912 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

Tgt Ion: 98 Resp: 142782
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

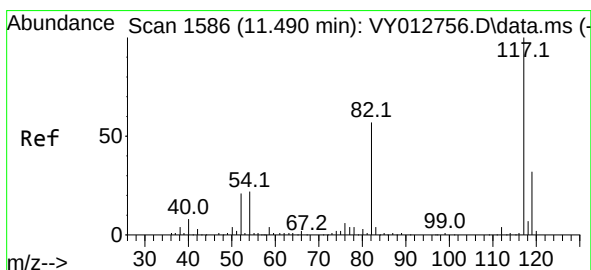
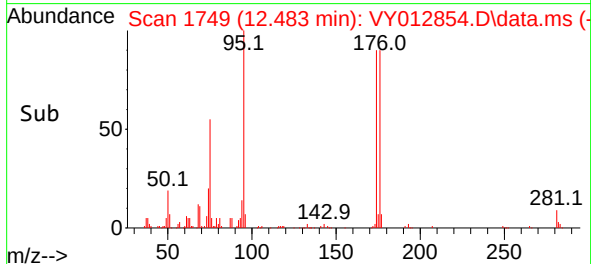
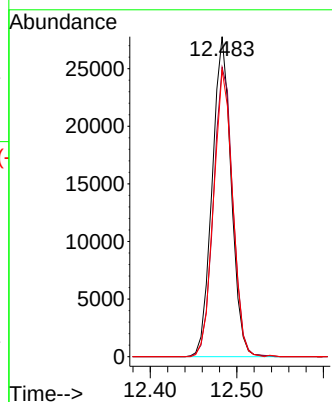
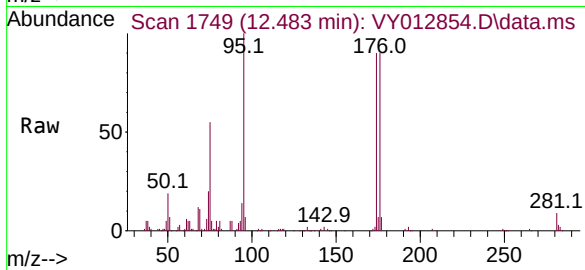




#62
4-Bromofluorobenzene
Concen: 48.336 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

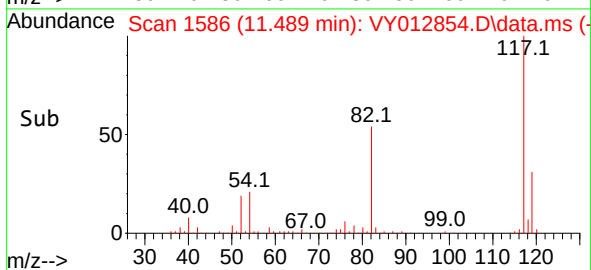
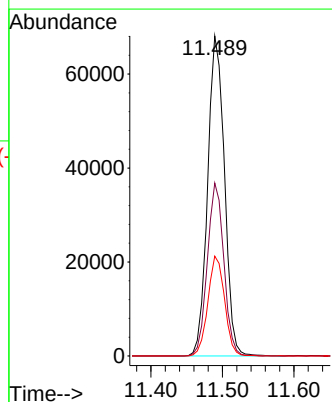
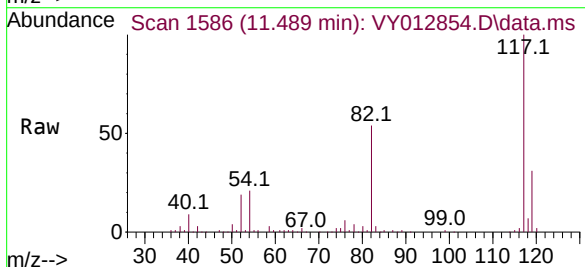
Instrument : MSVOA_Y
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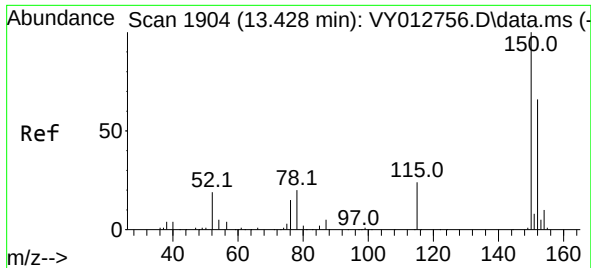
Tgt Ion:	95	Resp:	42421
Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	176.6
176	89.6	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012854.D
Acq: 07 Mar 2023 18:52

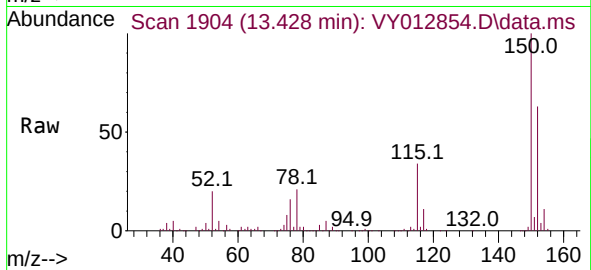
Tgt Ion:	117	Resp:	111252
Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.4	68.0
119	31.2	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012854.D
 Acq: 07 Mar 2023 18:52

Instrument : MSVOA_Y
 ClientSampleId : CM-A-CRUSHED-MASONRY-PILE-1



Tgt Ion:152 Resp: 50108
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.1 81.3
 150 156.3 0.0 347.8

