

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014504.D
 Acq On : 29 Jun 2023 18:24
 Operator : KP/MD
 Sample : 03473-10
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-015

Quant Time: Jun 30 04:12:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

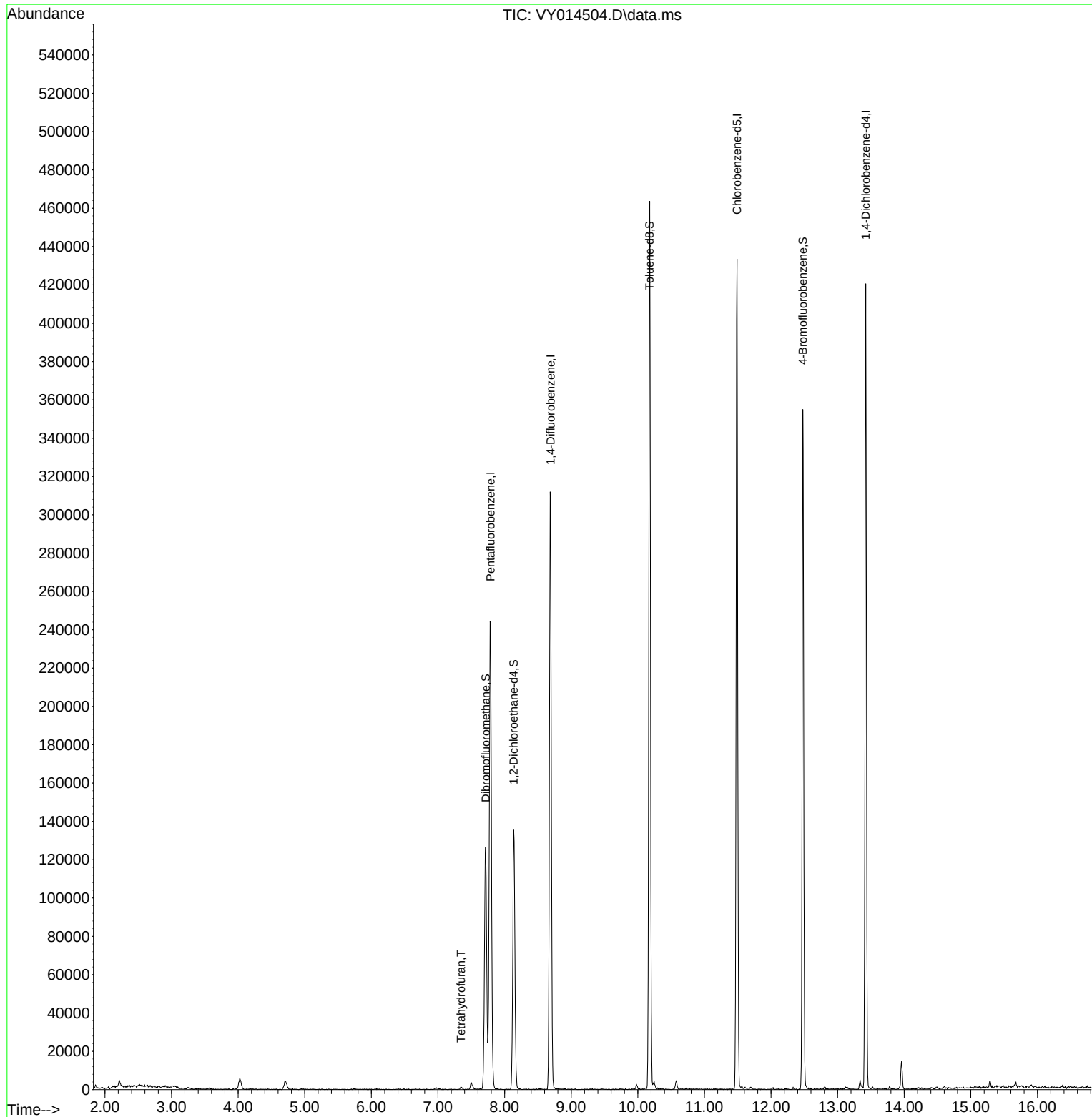
Internal Standards						
1) Pentafluorobenzene	7.789	168	193623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127424	53.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.000%
35) Dibromofluoromethane	7.716	113	78784	48.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.179	98	302788	46.873	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.740%
62) 4-Bromofluorobenzene	12.477	95	89179	38.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.340%
Target Compounds						
						Qvalue
29) Tetrahydrofuran	7.344	42	623	1.109	ug/l #	81

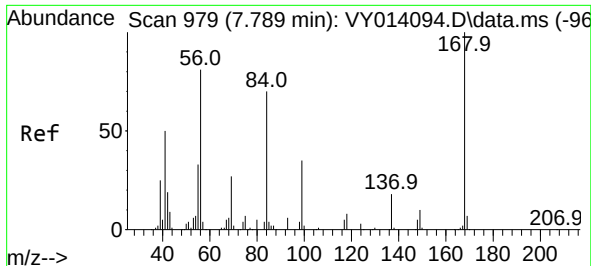
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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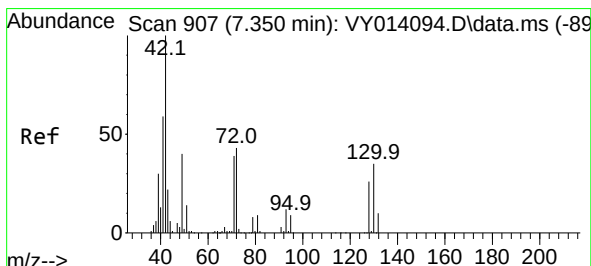
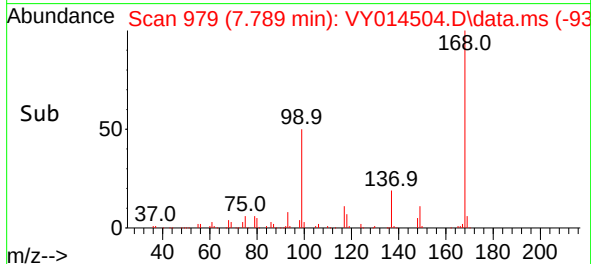
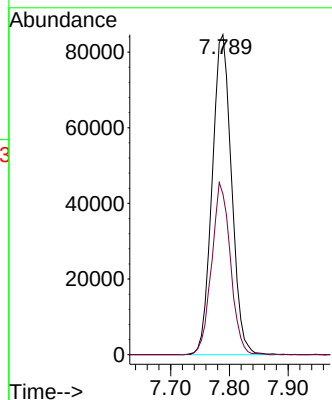
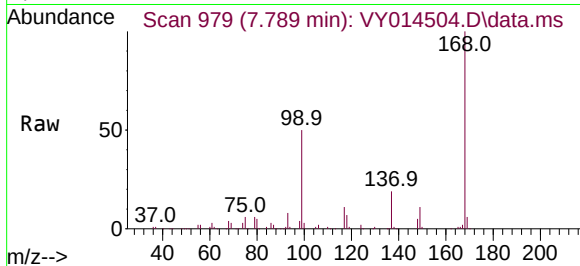




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014504.D
Acq: 29 Jun 2023 18:24

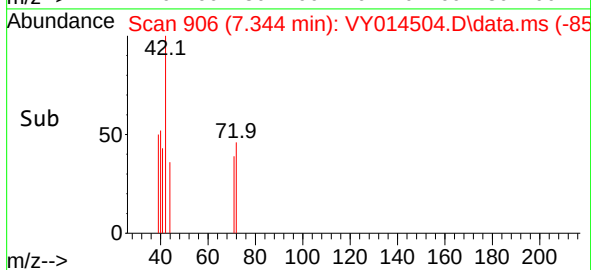
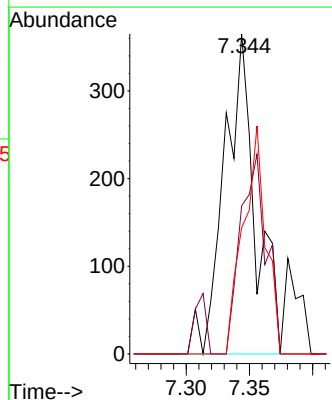
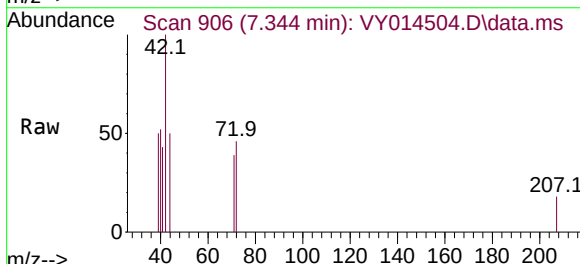
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-015

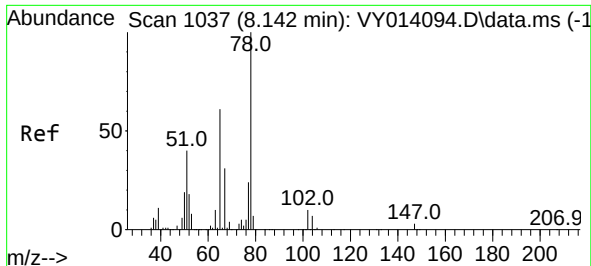
Tgt Ion:168 Resp: 193623
Ion Ratio Lower Upper
168 100
99 50.2 43.4 65.0



#29
Tetrahydrofuran
Concen: 1.109 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY014504.D
Acq: 29 Jun 2023 18:24

Tgt Ion: 42 Resp: 623
Ion Ratio Lower Upper
42 100
72 51.8 32.8 49.2#
71 51.7 31.0 46.4#

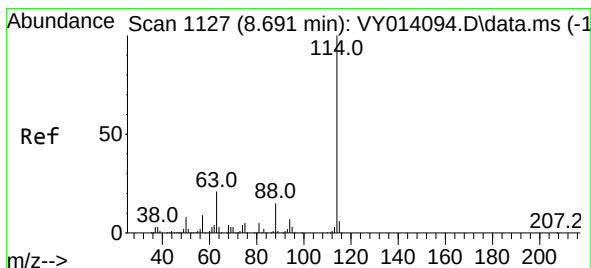
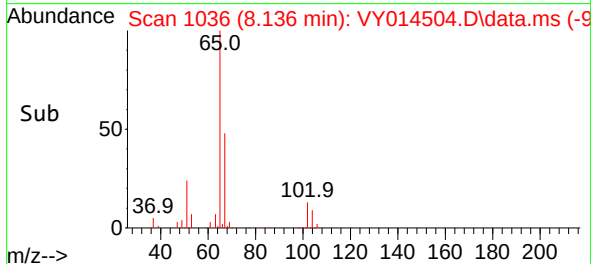
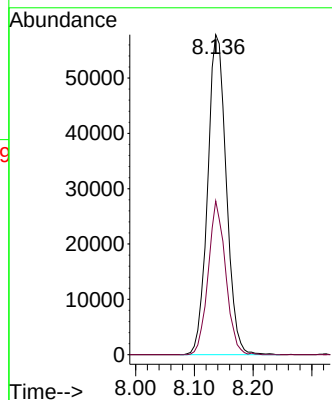
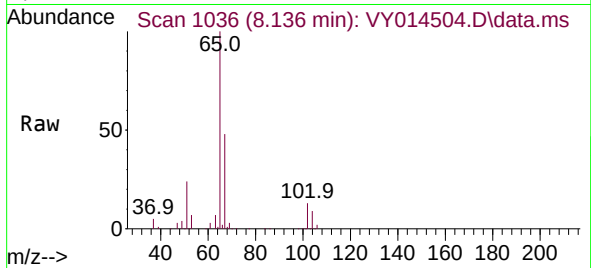




#33
 1,2-Dichloroethane-d4
 Concen: 53.005 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY014504.D
 Acq: 29 Jun 2023 18:24

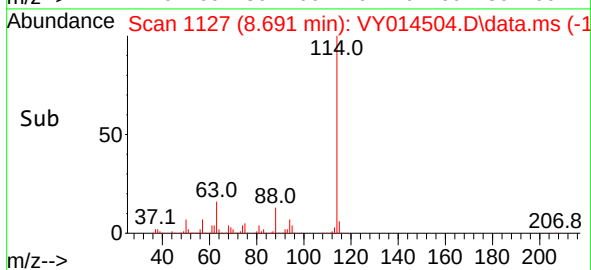
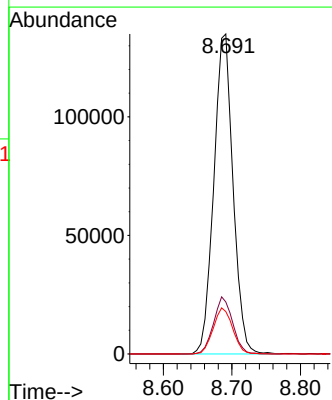
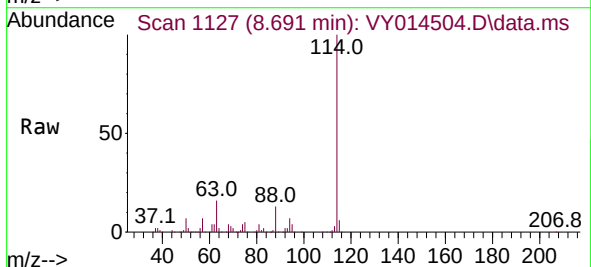
Instrument :
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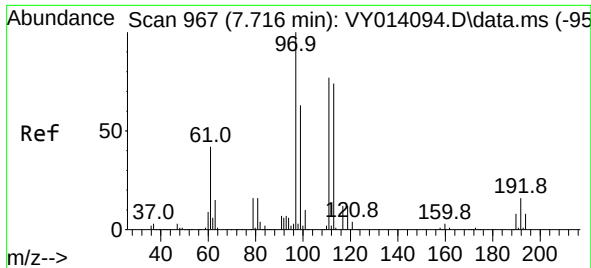
Tgt Ion: 65 Resp: 127424
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014504.D
 Acq: 29 Jun 2023 18:24

Tgt Ion: 114 Resp: 263027
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 42.4
 88 13.3 0.0 30.6

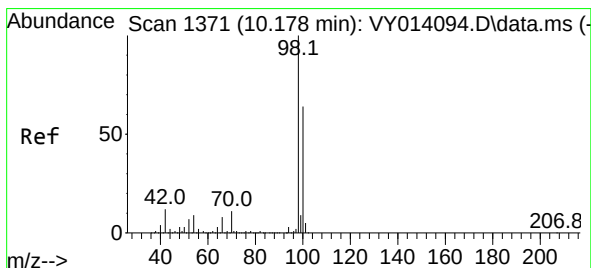
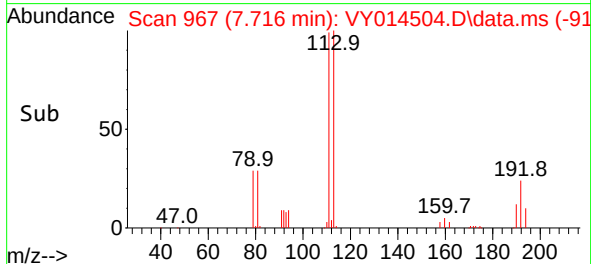
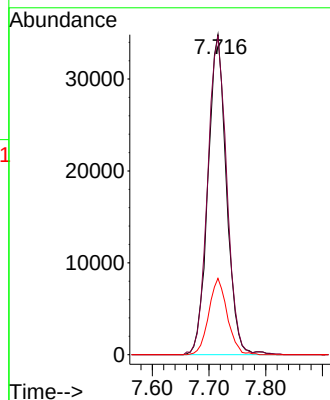
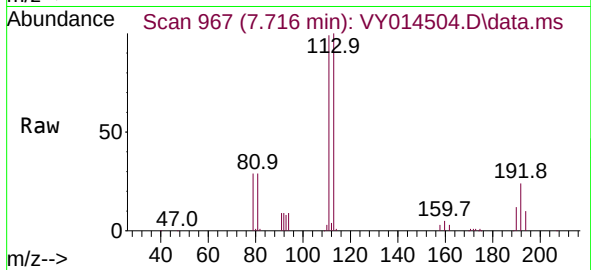




#35
Dibromofluoromethane
Concen: 48.481 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014504.D
Acq: 29 Jun 2023 18:24

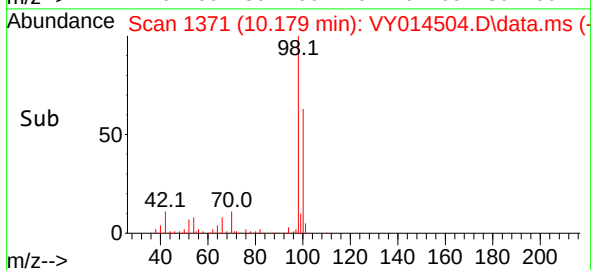
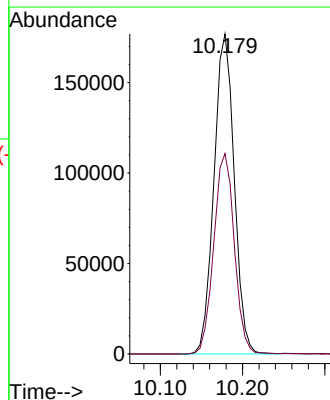
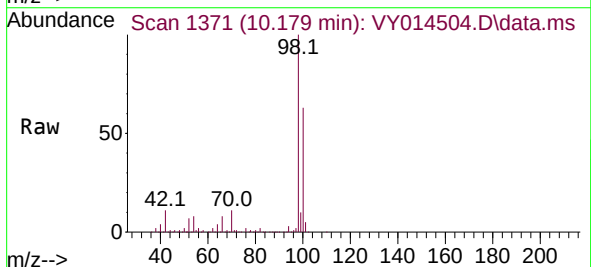
Instrument :
MSVOA_Y
ClientSampleId :
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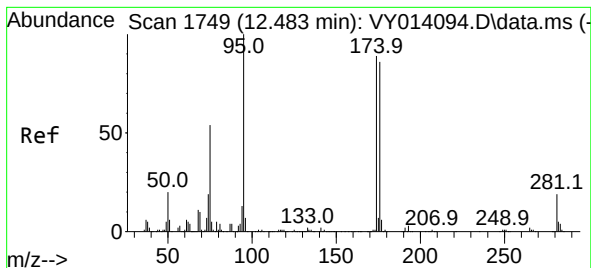
Tgt Ion:113 Resp: 78784
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 23.9 16.9 25.3



#50
Toluene-d8
Concen: 46.873 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014504.D
Acq: 29 Jun 2023 18:24

Tgt Ion: 98 Resp: 302788
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

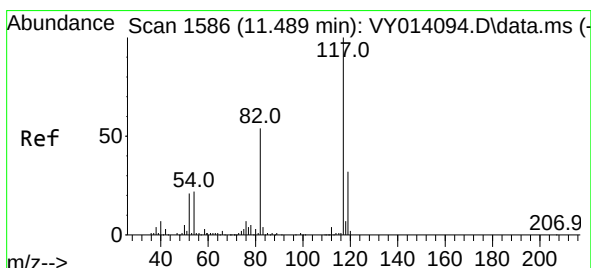
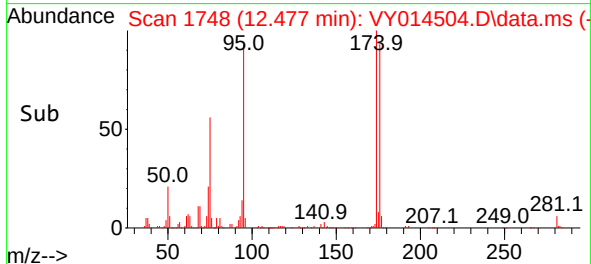
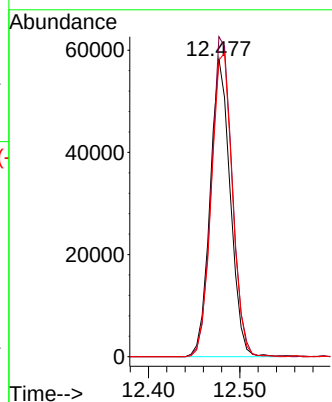
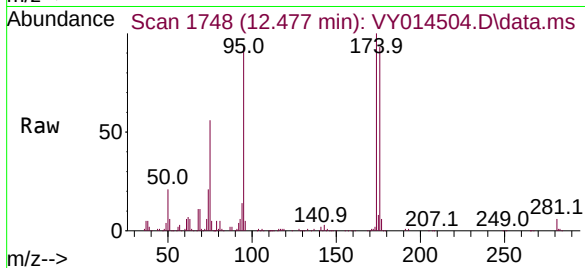




#62
4-Bromofluorobenzene
Concen: 38.670 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014504.D
Acq: 29 Jun 2023 18:24

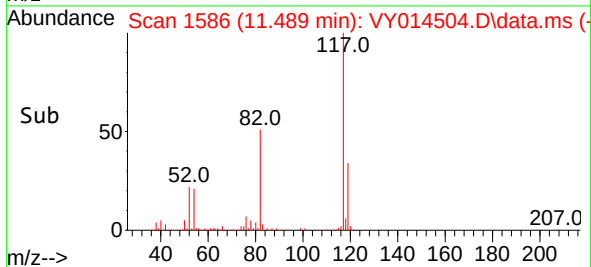
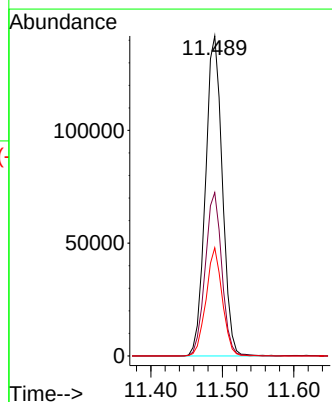
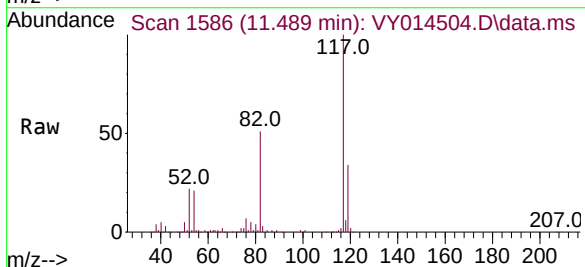
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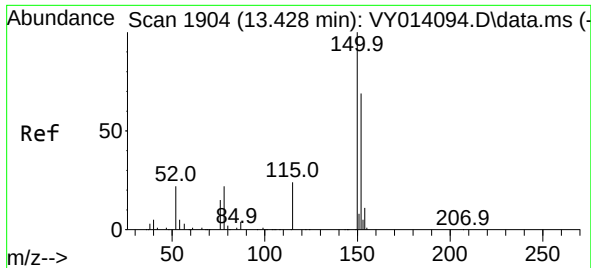
Tgt Ion: 95 Resp: 89179
Ion Ratio Lower Upper
95 100
174 111.2 0.0 178.2
176 106.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014504.D
Acq: 29 Jun 2023 18:24

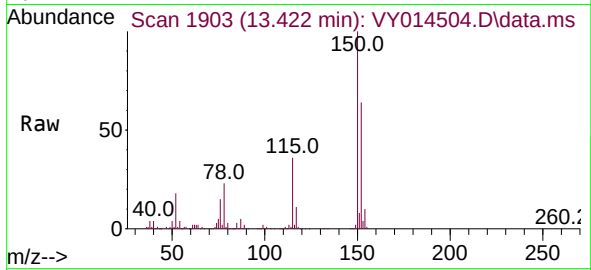
Tgt Ion: 117 Resp: 232305
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 33.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014504.D
 Acq: 29 Jun 2023 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	107791
Ion	Ratio	Lower	Upper
152	100		
115	53.4	28.8	86.5
150	155.9	0.0	348.8

