

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014236.D
 Acq On : 19 Jun 2023 18:32
 Operator : KP/MD
 Sample : 03255-05RE
 Misc : 11.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-24-GRAB-6RE

Quant Time: Jun 20 05:00:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

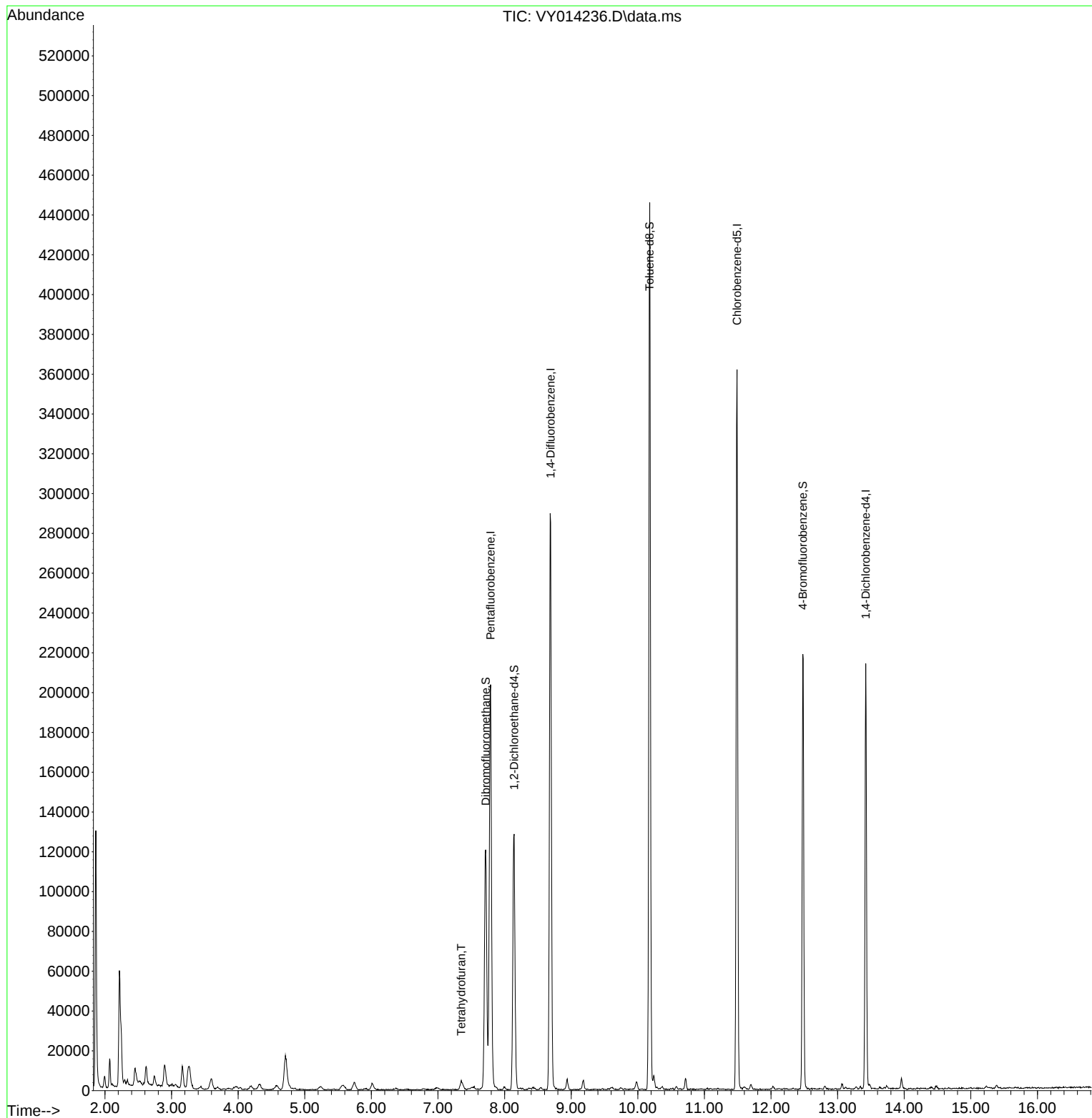
Internal Standards						
1) Pentafluorobenzene	7.789	168	157120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105746	48.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.716	113	80634	46.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.780%
50) Toluene-d8	10.179	98	287077	44.173	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.340%
62) 4-Bromofluorobenzene	12.477	95	63464	27.490	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.980%
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	7.350	42	3021	5.868	ug/l	94

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

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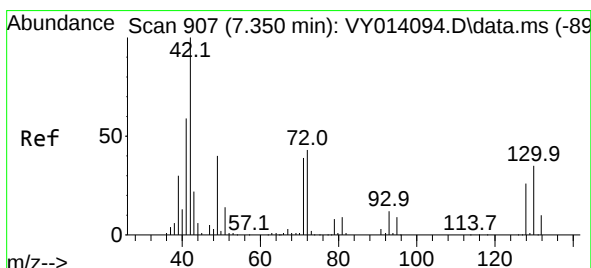
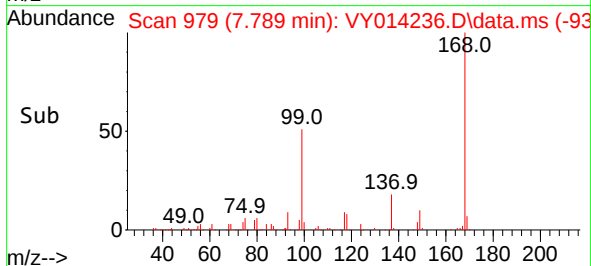
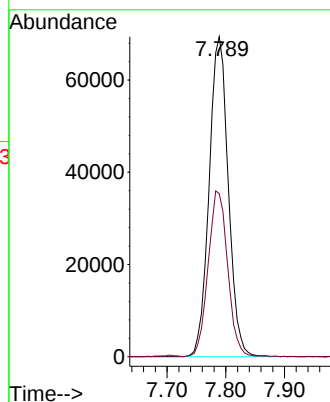
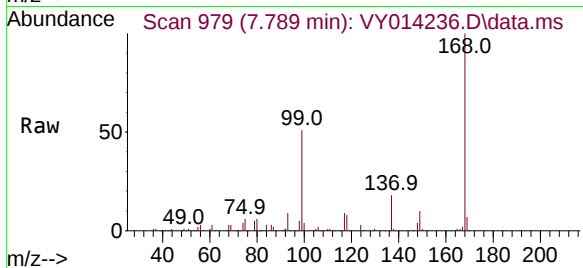




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014236.D
Acq: 19 Jun 2023 18:32

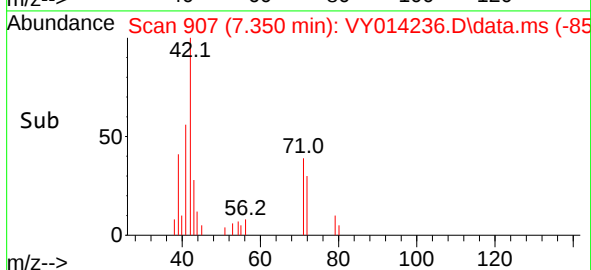
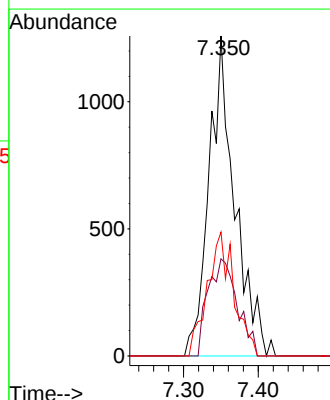
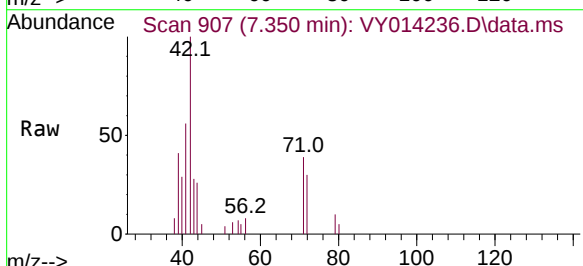
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-24-GRAB-6RE

Tgt Ion:168 Resp: 157120
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#29
Tetrahydrofuran
Concen: 5.868 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY014236.D
Acq: 19 Jun 2023 18:32

Tgt Ion: 42 Resp: 3021
Ion Ratio Lower Upper
42 100
72 34.4 32.8 49.2
71 39.6 31.0 46.4

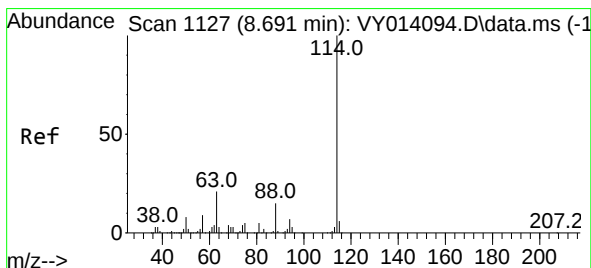
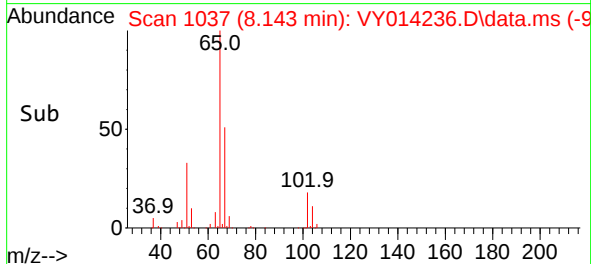
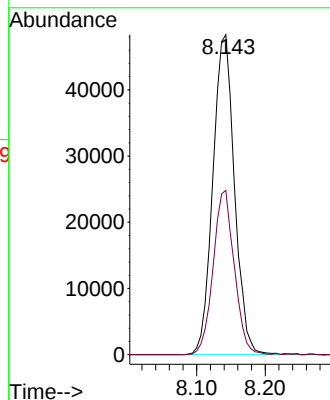
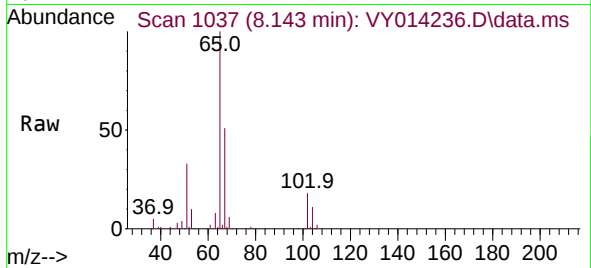




#33
 1,2-Dichloroethane-d4
 Concen: 48.332 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014236.D
 Acq: 19 Jun 2023 18:32

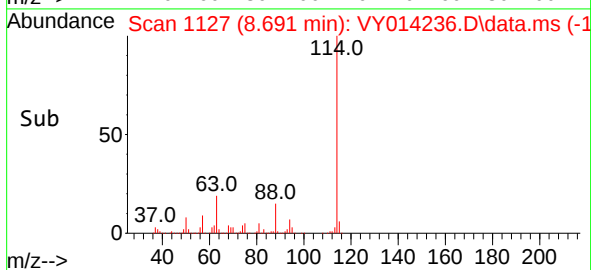
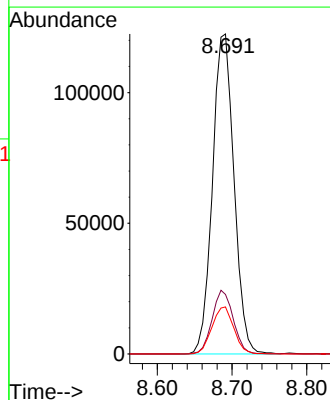
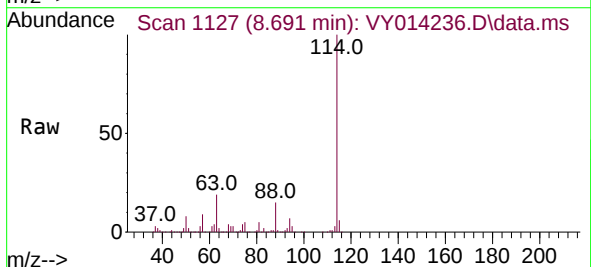
Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-24-GRAB-6RE

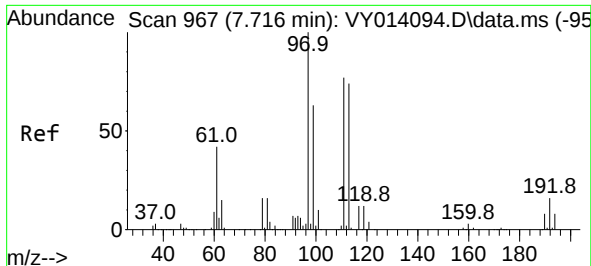
Tgt Ion: 65 Resp: 105746
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014236.D
 Acq: 19 Jun 2023 18:32

Tgt Ion: 114 Resp: 245121
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 14.7 0.0 30.6

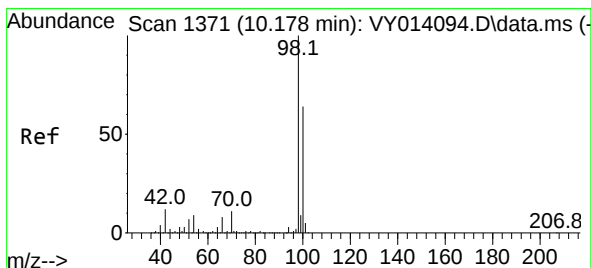
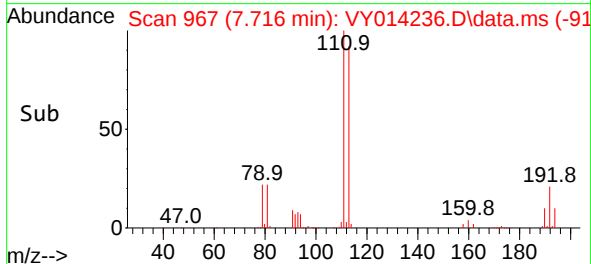
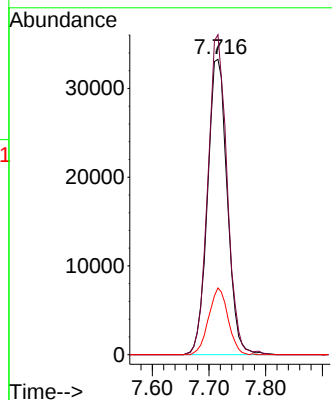
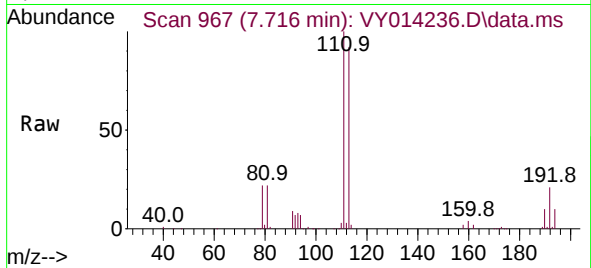




#35
Dibromofluoromethane
Concen: 46.386 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014236.D
Acq: 19 Jun 2023 18:32

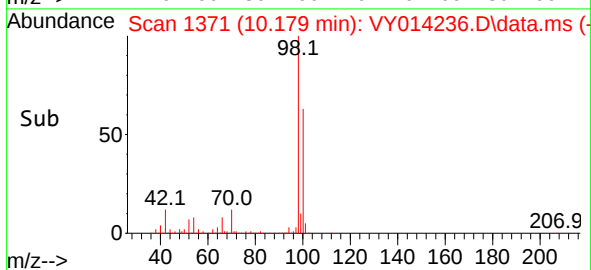
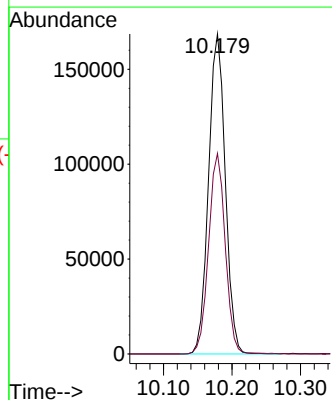
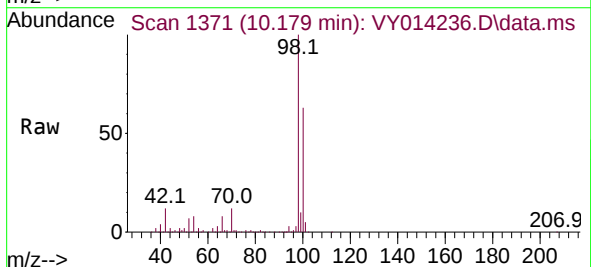
Instrument :
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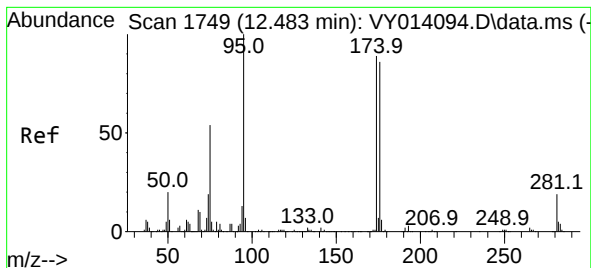
Tgt Ion:113 Resp: 80634
Ion Ratio Lower Upper
113 100
111 105.7 81.3 121.9
192 22.2 16.9 25.3



#50
Toluene-d8
Concen: 44.173 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014236.D
Acq: 19 Jun 2023 18:32

Tgt Ion: 98 Resp: 287077
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1

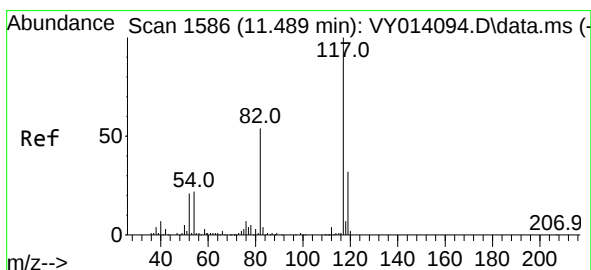
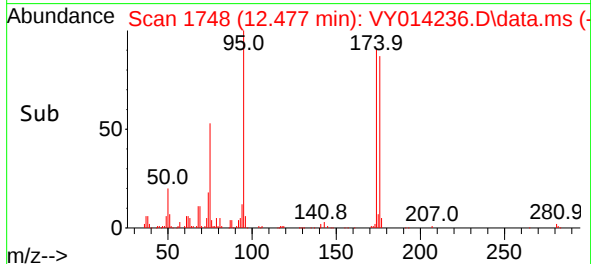
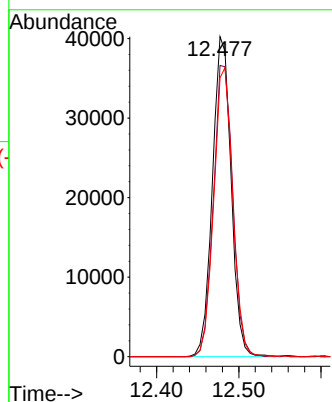
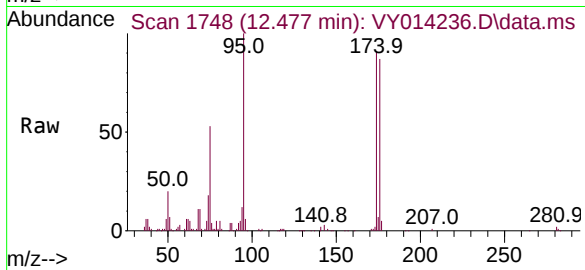




#62
4-Bromofluorobenzene
Concen: 27.490 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014236.D
Acq: 19 Jun 2023 18:32

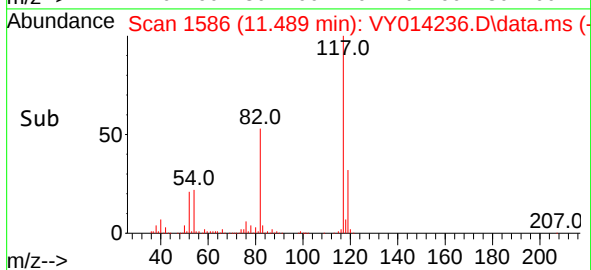
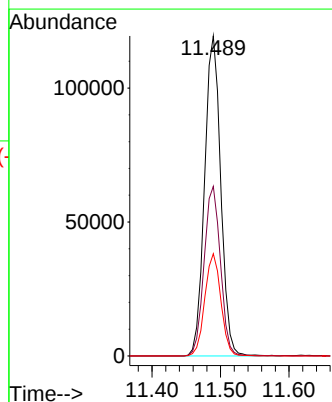
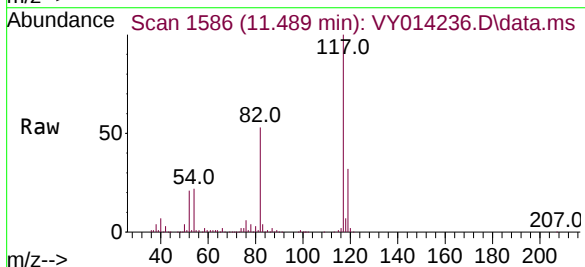
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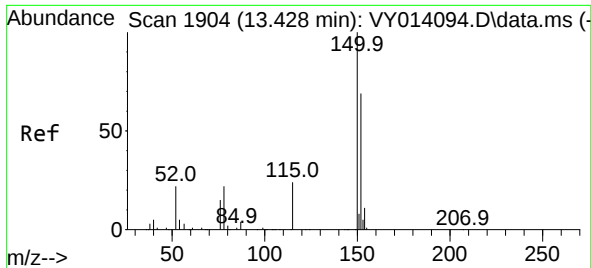
Tgt Ion: 95 Resp: 63464
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 91.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014236.D
Acq: 19 Jun 2023 18:32

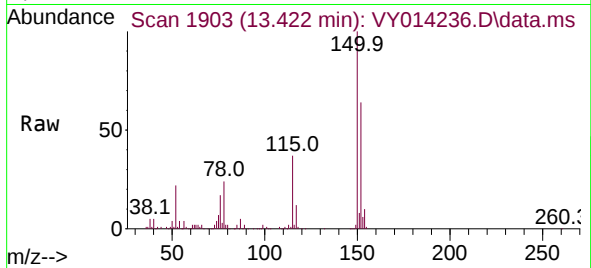
Tgt Ion: 117 Resp: 195999
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014236.D
 Acq: 19 Jun 2023 18:32

Instrument : MSVOA_Y
 ClientSampleId : TOTAL-VOC-SB-24-GRAB-6RE



Tgt Ion:	152	Resp:	55807
Ion Ratio	Lower	Upper	
152	100		
115	55.2	28.8	86.5
150	157.4	0.0	348.8

