

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013608.D
 Acq On : 04 May 2023 18:23
 Operator : KP/MD
 Sample : 02588-10
 Misc : 4.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-D-0-3-05022023

Quant Time: May 05 01:01:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

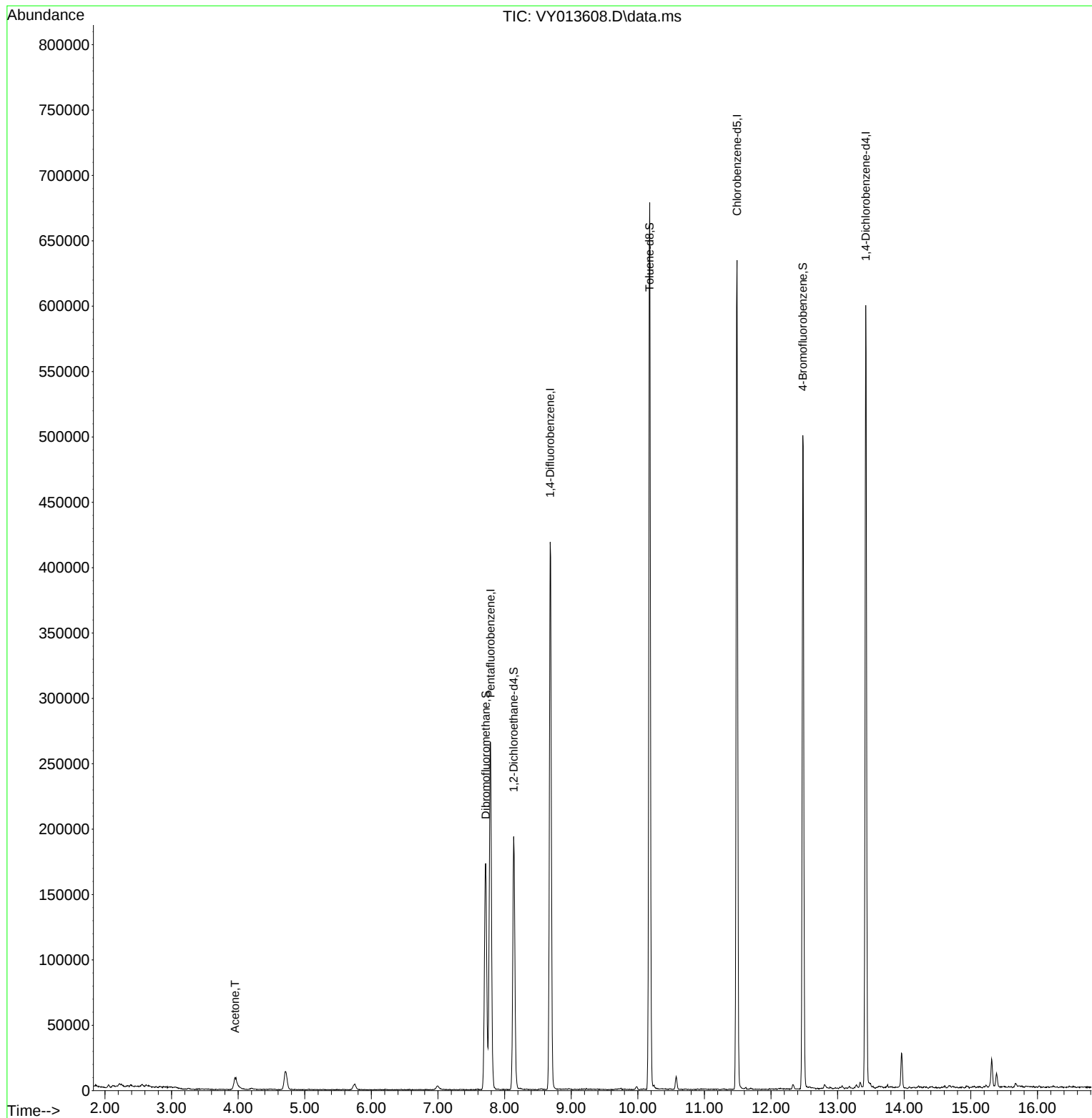
Internal Standards						
1) Pentafluorobenzene	7.789	168	210344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156752	67.981	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.960%	
35) Dibromofluoromethane	7.716	113	120939	54.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.760%	
50) Toluene-d8	10.179	98	437036	55.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.480%	
62) 4-Bromofluorobenzene	12.477	95	141489	53.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.100%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	21553	23.735	ug/l	93

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

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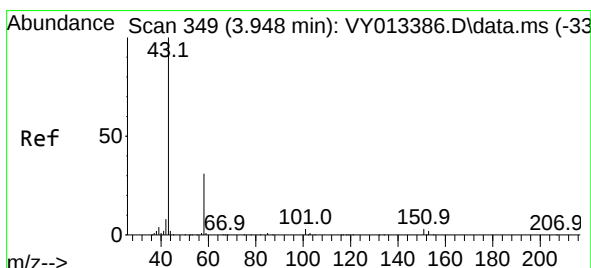
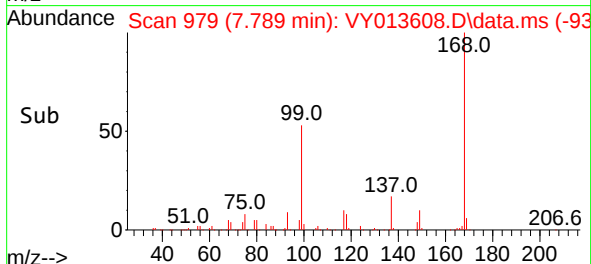
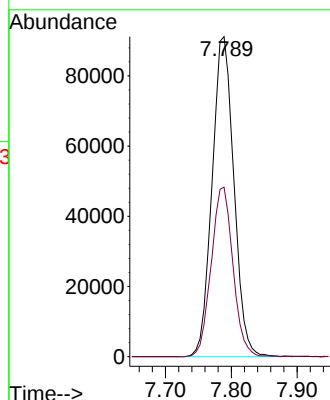
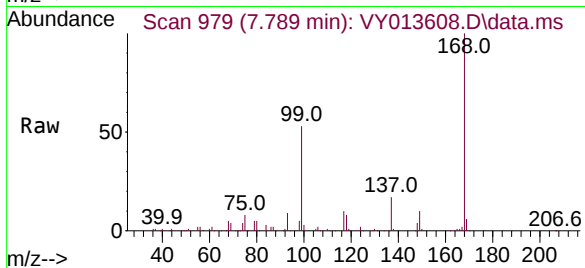




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013608.D
Acq: 04 May 2023 18:23

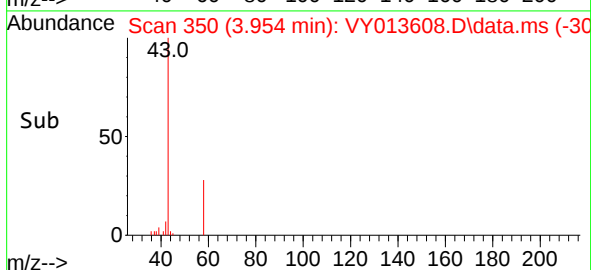
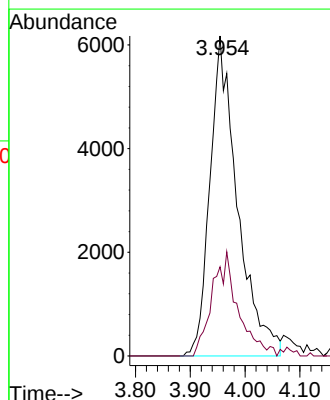
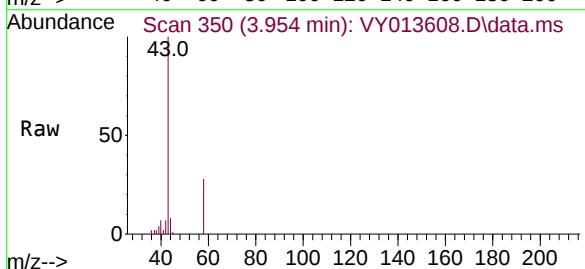
Instrument :
MSVOA_Y
ClientSampleId :
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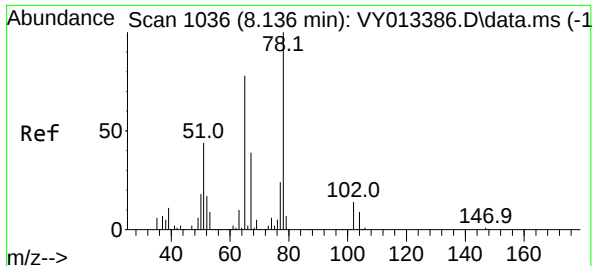
Tgt Ion:168 Resp: 210344
Ion Ratio Lower Upper
168 100
99 53.0 41.8 62.6



#16
Acetone
Concen: 23.735 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013608.D
Acq: 04 May 2023 18:23

Tgt Ion: 43 Resp: 21553
Ion Ratio Lower Upper
43 100
58 27.9 25.4 38.0

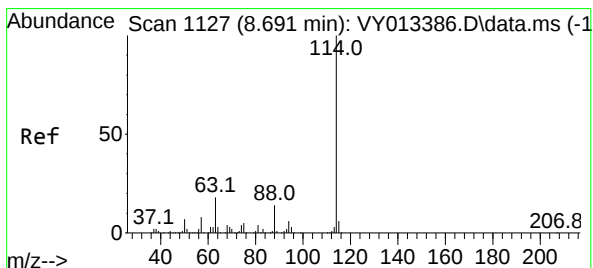
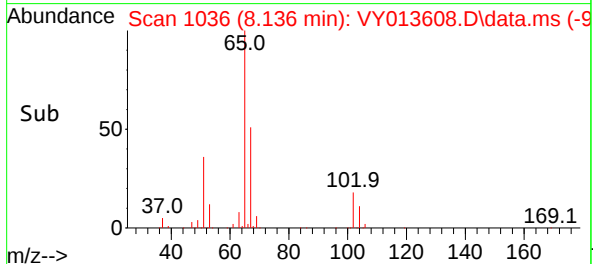
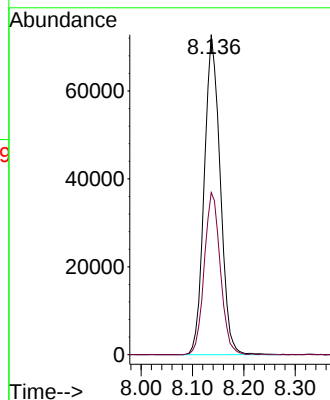
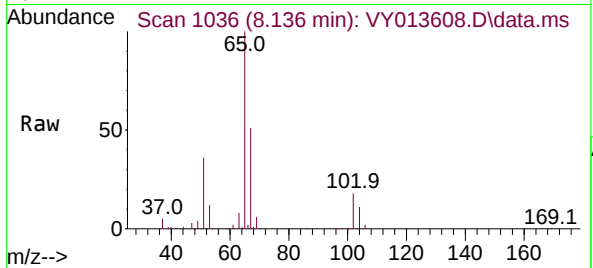




#33
1,2-Dichloroethane-d4
Concen: 67.981 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013608.D
Acq: 04 May 2023 18:23

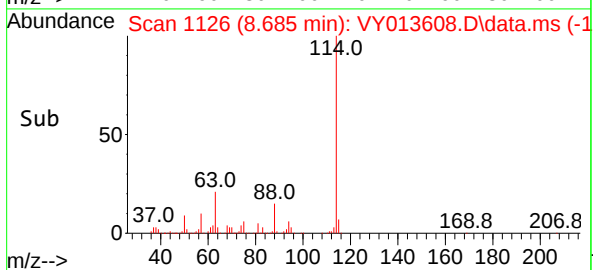
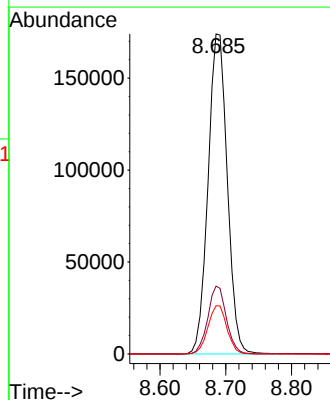
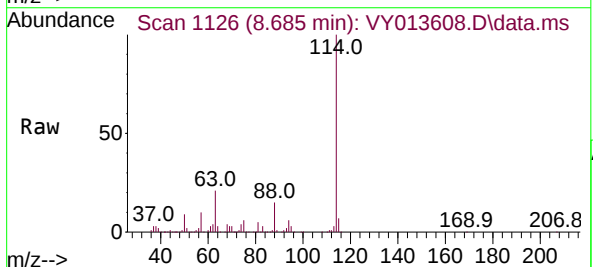
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-D-0-3-05022023

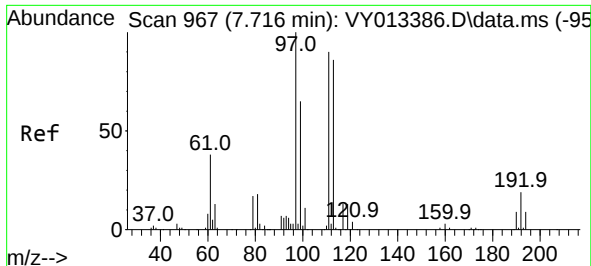
Tgt Ion: 65 Resp: 156752
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013608.D
Acq: 04 May 2023 18:23

Tgt Ion: 114 Resp: 353579
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.6
88 15.0 0.0 28.8

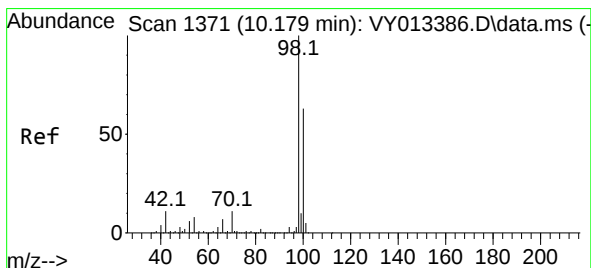
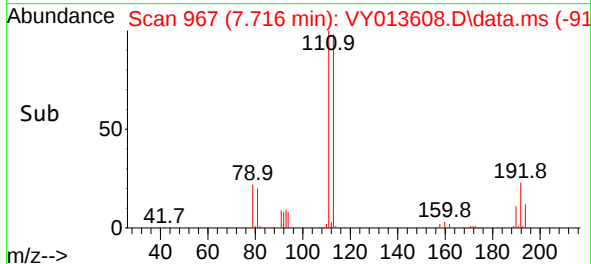
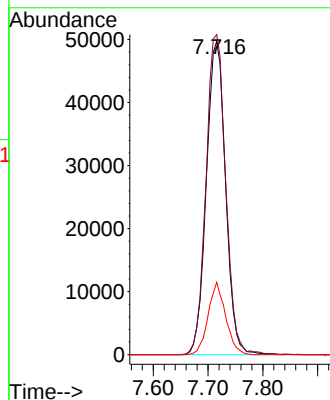
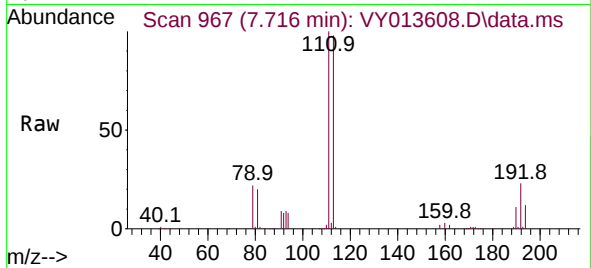




#35
Dibromofluoromethane
Concen: 54.383 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013608.D
Acq: 04 May 2023 18:23

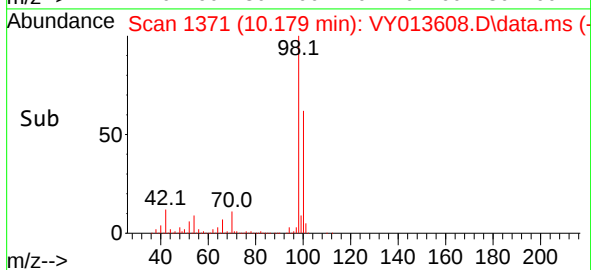
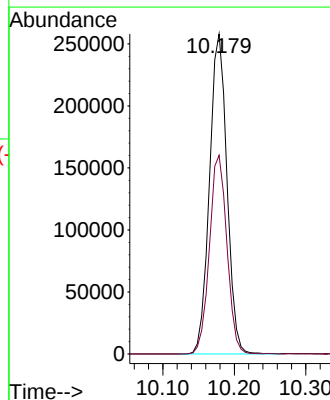
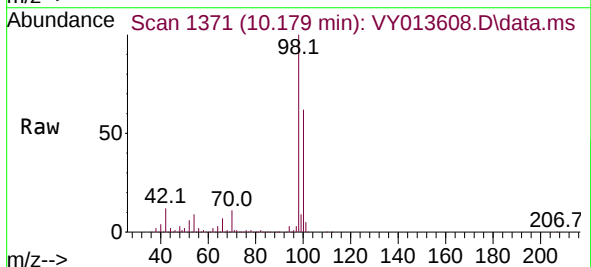
Instrument :
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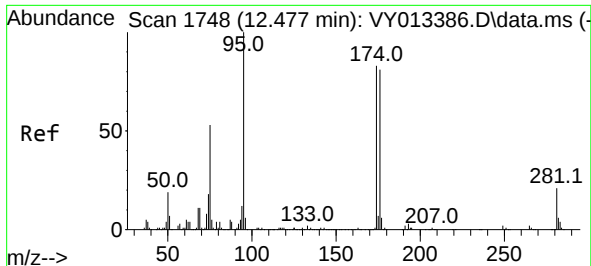
Tgt Ion:113 Resp: 120939
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 21.1 16.7 25.1



#50
Toluene-d8
Concen: 55.243 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013608.D
Acq: 04 May 2023 18:23

Tgt Ion: 98 Resp: 437036
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7

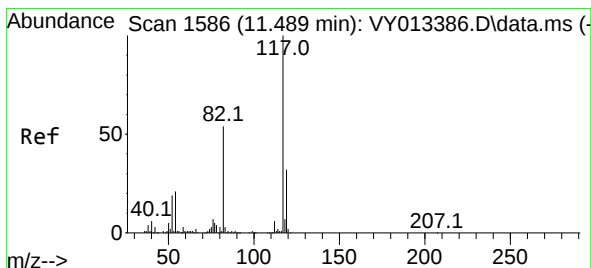
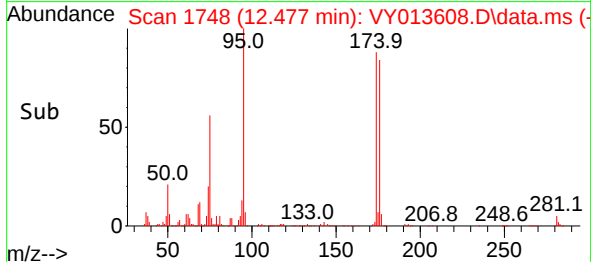
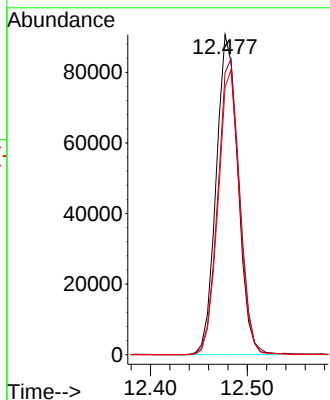
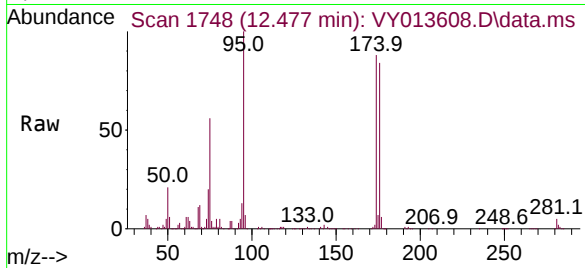




#62
4-Bromofluorobenzene
Concen: 53.051 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013608.D
Acq: 04 May 2023 18:23

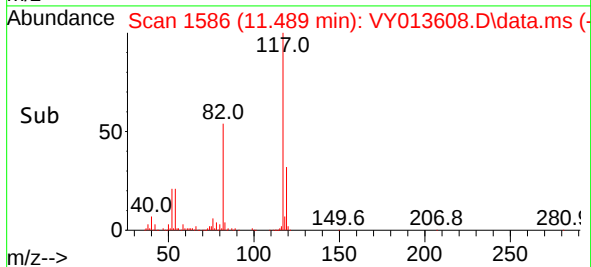
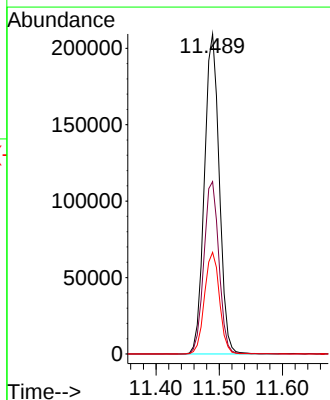
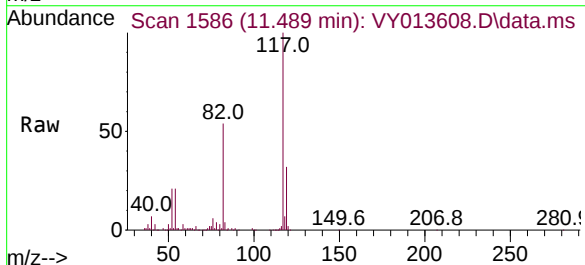
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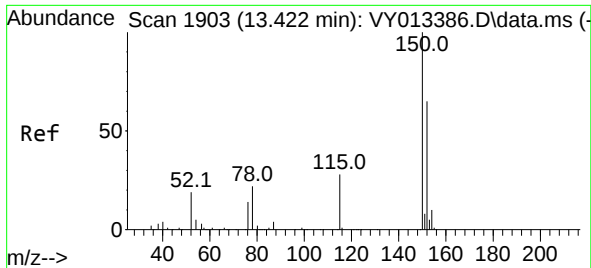
Tgt Ion: 95 Resp: 141489
Ion Ratio Lower Upper
95 100
174 93.2 0.0 182.0
176 88.0 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013608.D
Acq: 04 May 2023 18:23

Tgt Ion: 117 Resp: 342473
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.6
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013608.D

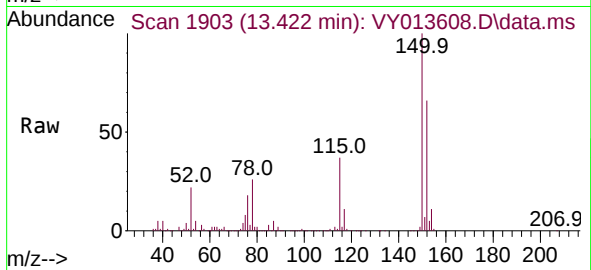
Acq: 04 May 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

ZONE-D-0-3-05022023



Tgt Ion:152 Resp: 155934

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

150 154.5 0.0 352.0

