

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013633.D
 Acq On : 05 May 2023 18:15
 Operator : KP/MD
 Sample : 02588-07
 Misc : 4.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: May 08 00:25:43 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)

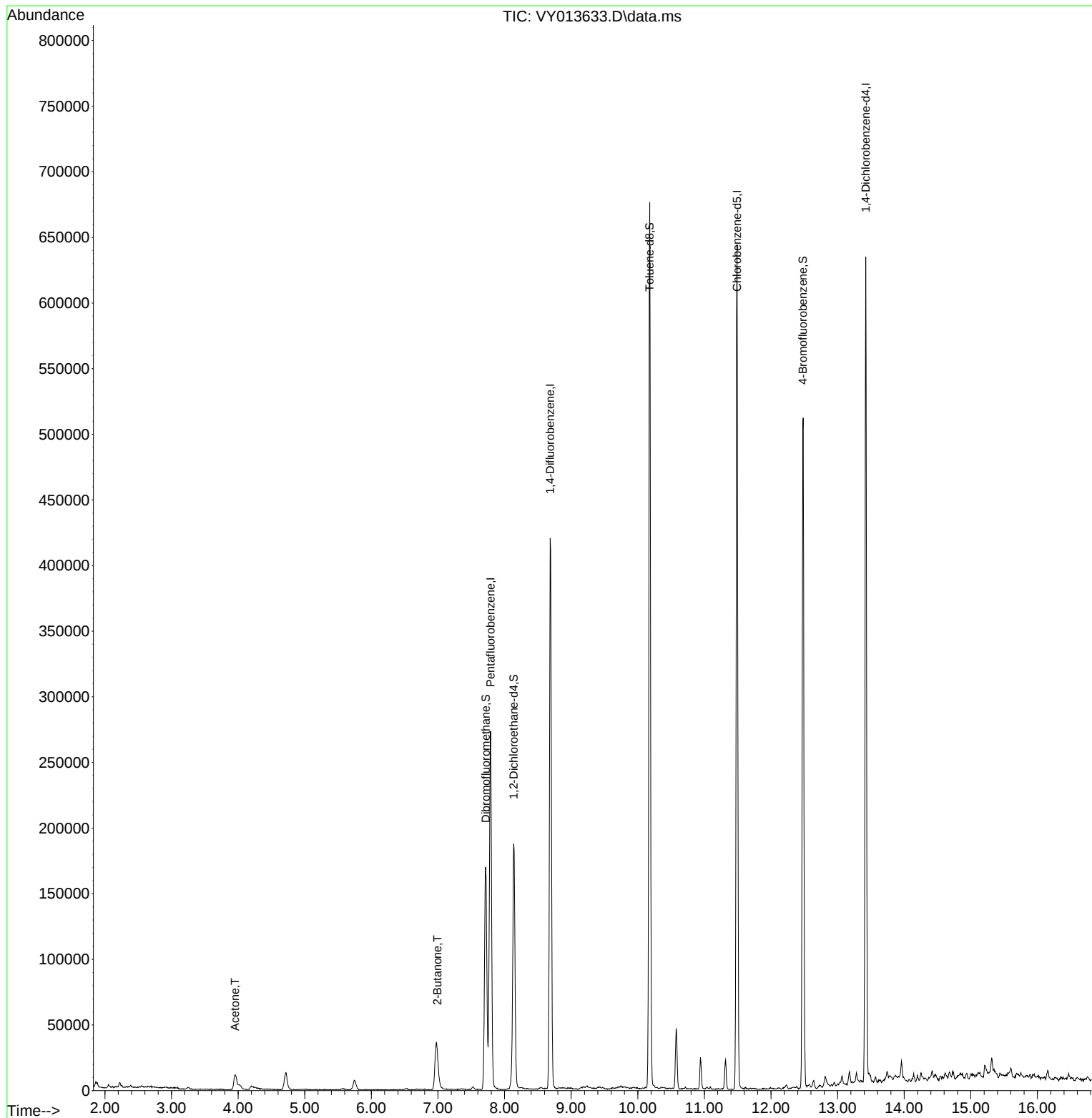
Internal Standards						
1) Pentafluorobenzene	7.789	168	209282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	343767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	150809	65.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.480%	
35) Dibromofluoromethane	7.716	113	120769	53.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.700%	
50) Toluene-d8	10.179	98	431724	54.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.220%	
62) 4-Bromofluorobenzene	12.477	95	141528	52.617	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	25868	28.632	ug/l	95
25) 2-Butanone	6.990	43	9068	7.914	ug/l	95

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

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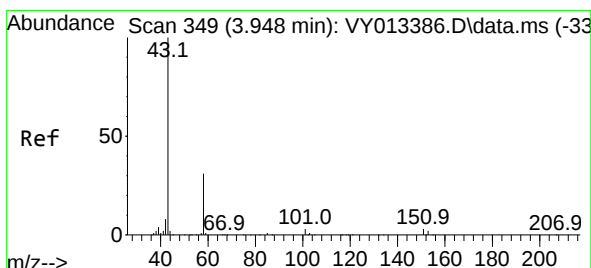
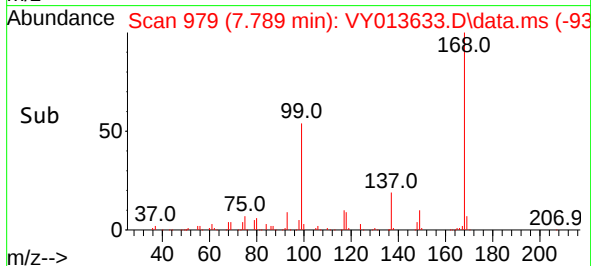
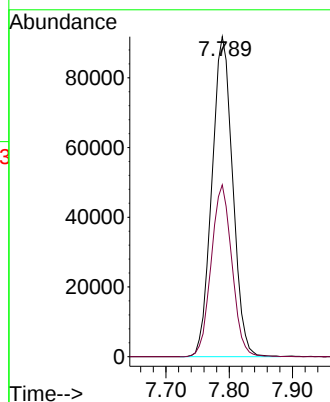
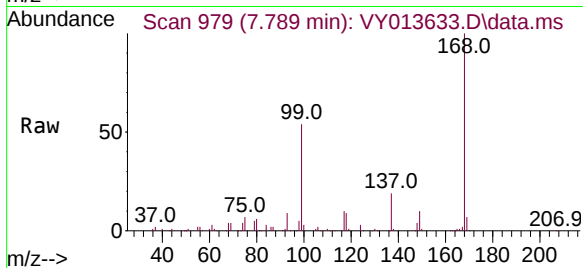




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013633.D
Acq: 05 May 2023 18:15

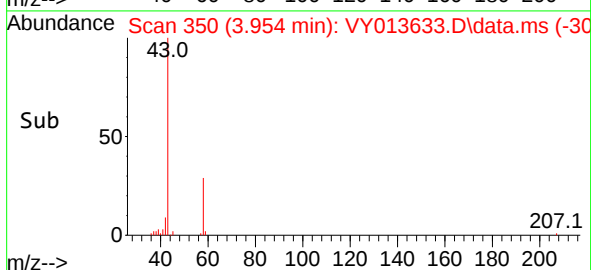
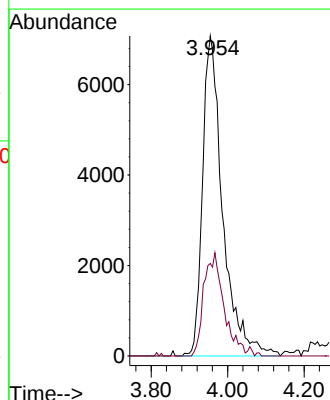
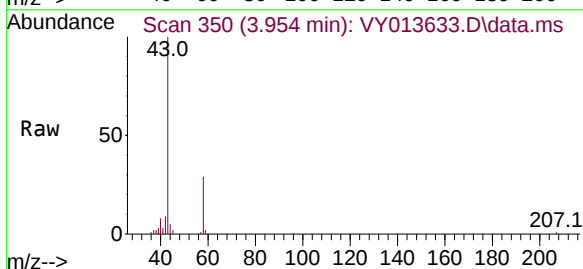
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-A-0-3-05022023

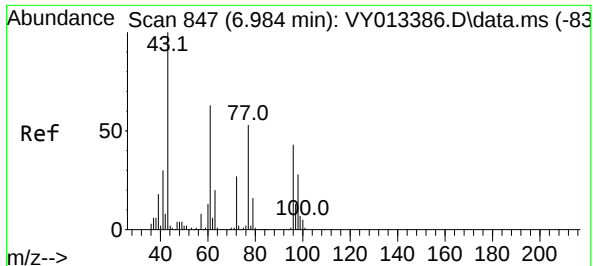
Tgt Ion:168 Resp: 209282
Ion Ratio Lower Upper
168 100
99 53.7 41.8 62.6



#16
Acetone
Concen: 28.632 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013633.D
Acq: 05 May 2023 18:15

Tgt Ion: 43 Resp: 25868
Ion Ratio Lower Upper
43 100
58 28.9 25.4 38.0

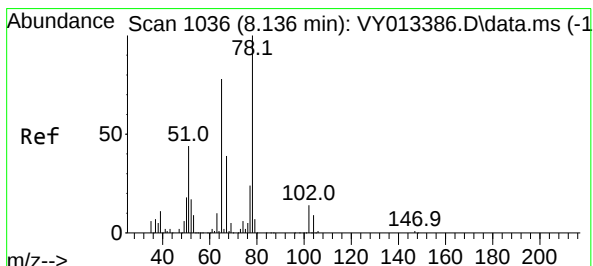
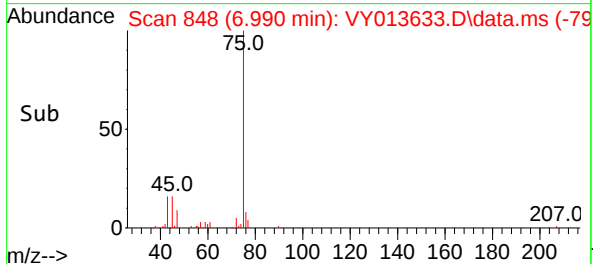
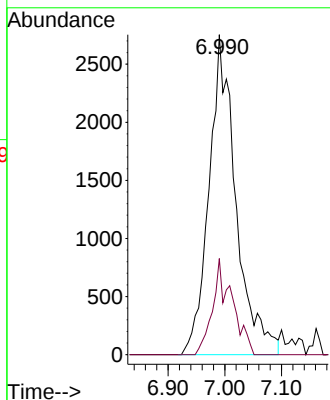
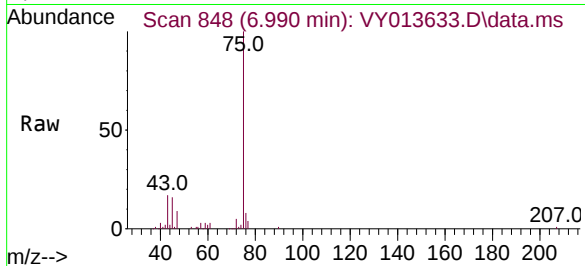




#25
2-Butanone
Concen: 7.914 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013633.D
Acq: 05 May 2023 18:15

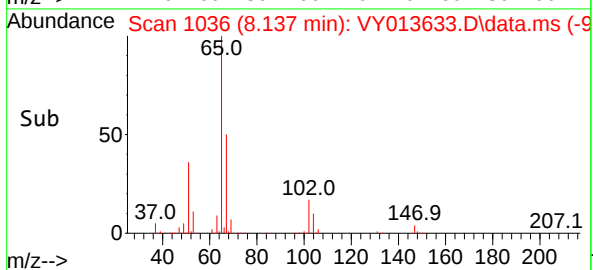
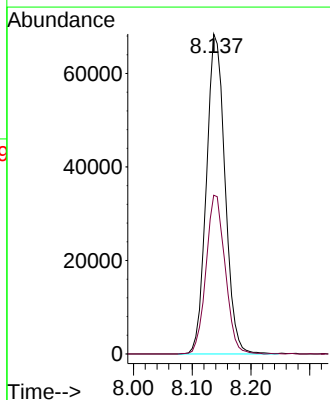
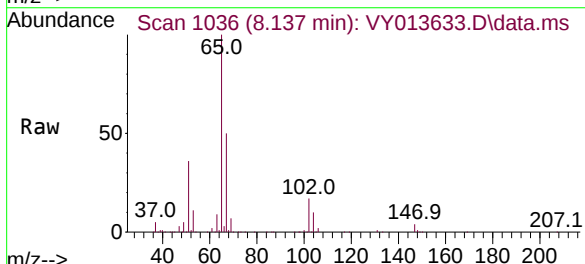
Instrument :
MSVOA_Y
ClientSampleId :
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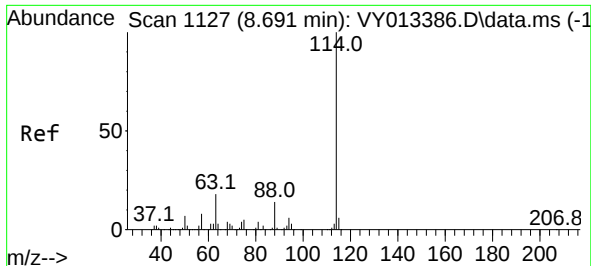
Tgt Ion: 43 Resp: 9068
Ion Ratio Lower Upper
43 100
72 30.0 21.9 32.9



#33
1,2-Dichloroethane-d4
Concen: 65.735 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013633.D
Acq: 05 May 2023 18:15

Tgt Ion: 65 Resp: 150809
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

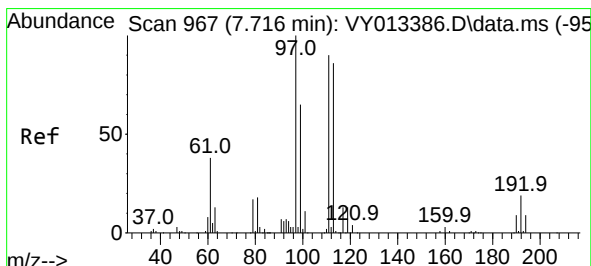
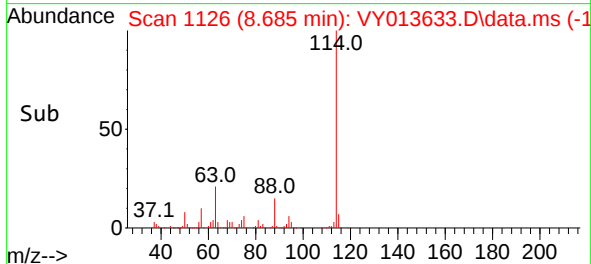
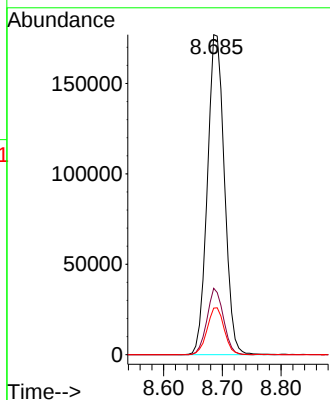
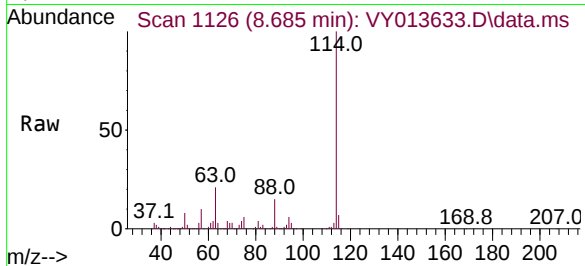




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013633.D
Acq: 05 May 2023 18:15

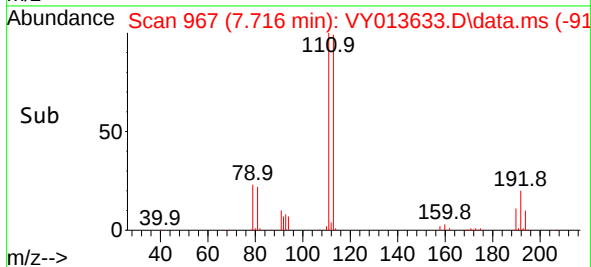
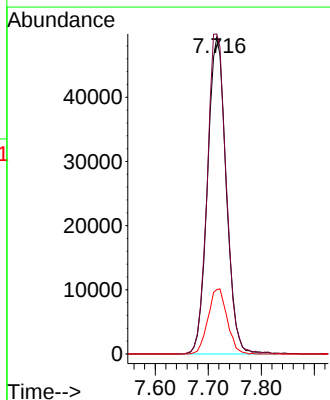
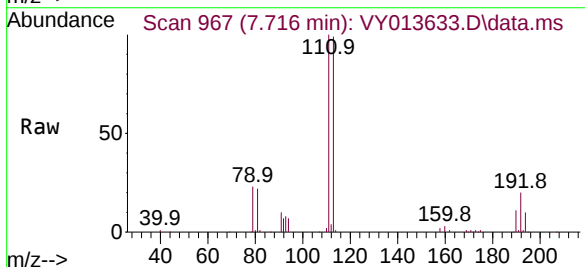
Instrument :
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ClientSampleId :
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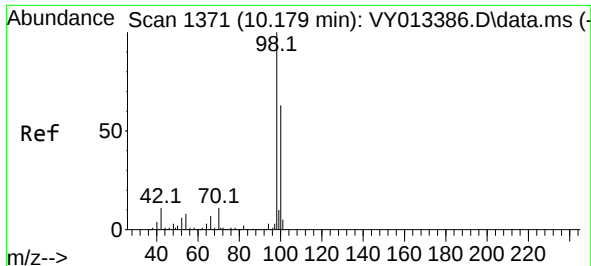
Tgt Ion:114 Resp: 356593
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.6
88 14.5 0.0 28.8



#35
Dibromofluoromethane
Concen: 53.847 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013633.D
Acq: 05 May 2023 18:15

Tgt Ion:113 Resp: 120769
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 21.0 16.7 25.1

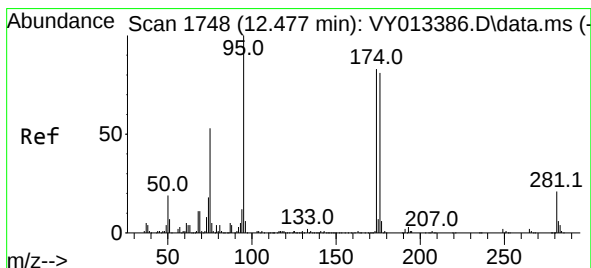
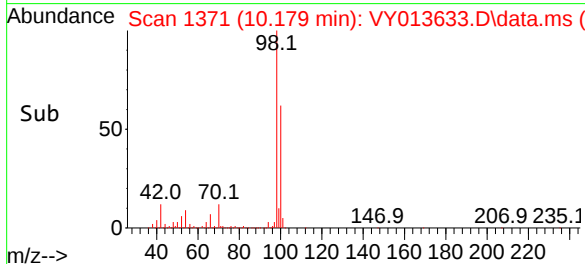
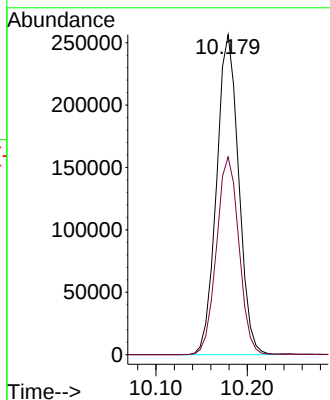
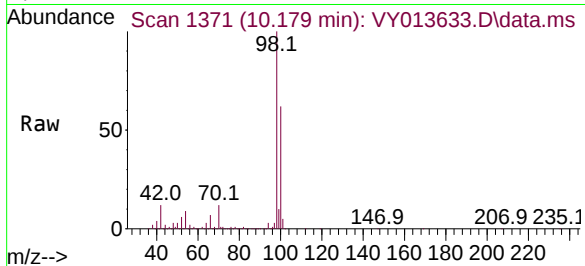




#50
Toluene-d8
Concen: 54.110 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013633.D
Acq: 05 May 2023 18:15

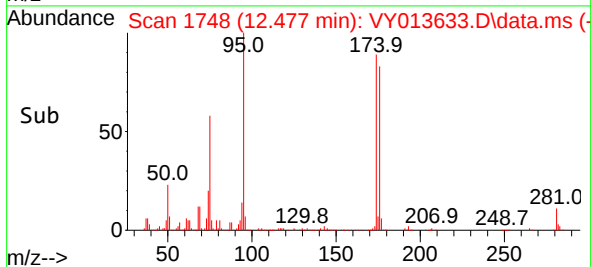
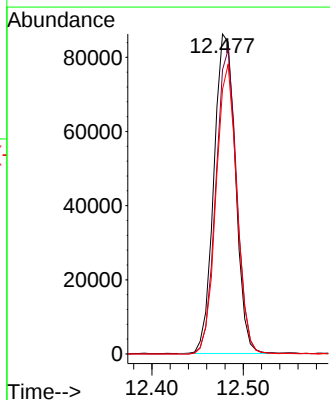
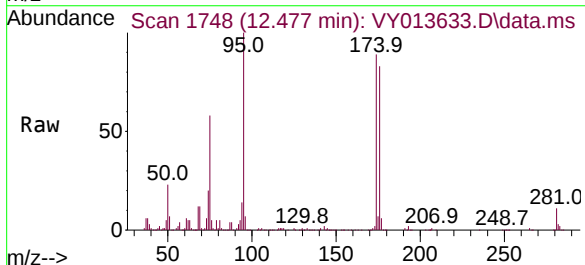
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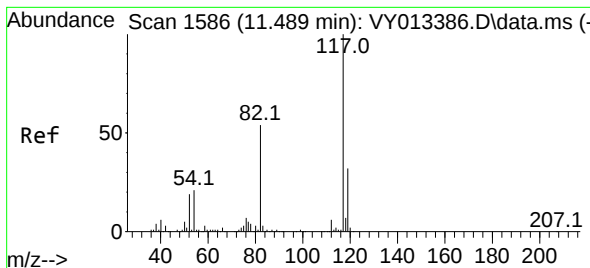
Tgt Ion: 98 Resp: 431724
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.617 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013633.D
Acq: 05 May 2023 18:15

Tgt Ion: 95 Resp: 141528
Ion Ratio Lower Upper
95 100
174 92.2 0.0 182.0
176 87.3 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013633.D

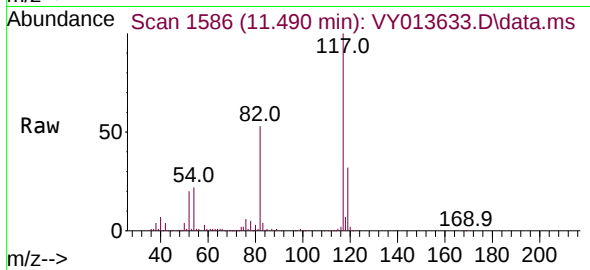
Acq: 05 May 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

ZONE-A-0-3-05022023



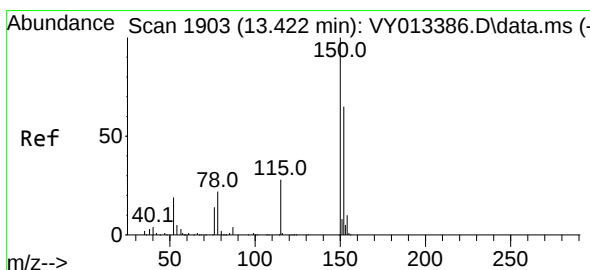
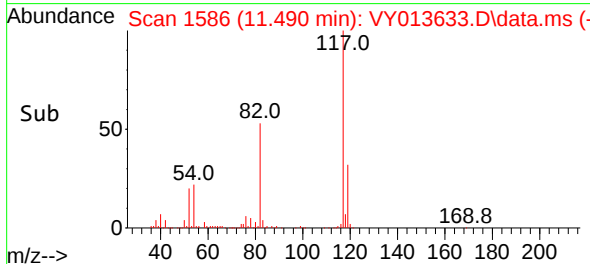
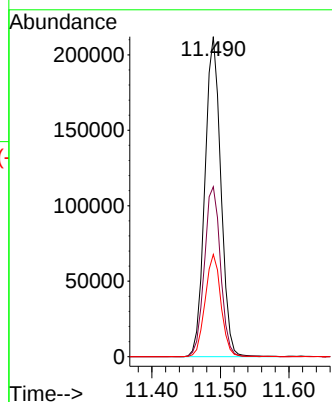
Tgt Ion:117 Resp: 343767

Ion Ratio Lower Upper

117 100

82 53.1 43.0 64.6

119 31.9 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: VY013633.D

Acq: 05 May 2023 18:15

Tgt Ion:152 Resp: 157163

Ion Ratio Lower Upper

152 100

115 57.3 28.1 84.2

150 156.4 0.0 352.0

