

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013606.D
 Acq On : 04 May 2023 17:36
 Operator : KP/MD
 Sample : 02588-05
 Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-C-3-6-05012023

Quant Time: May 05 01:00:50 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)

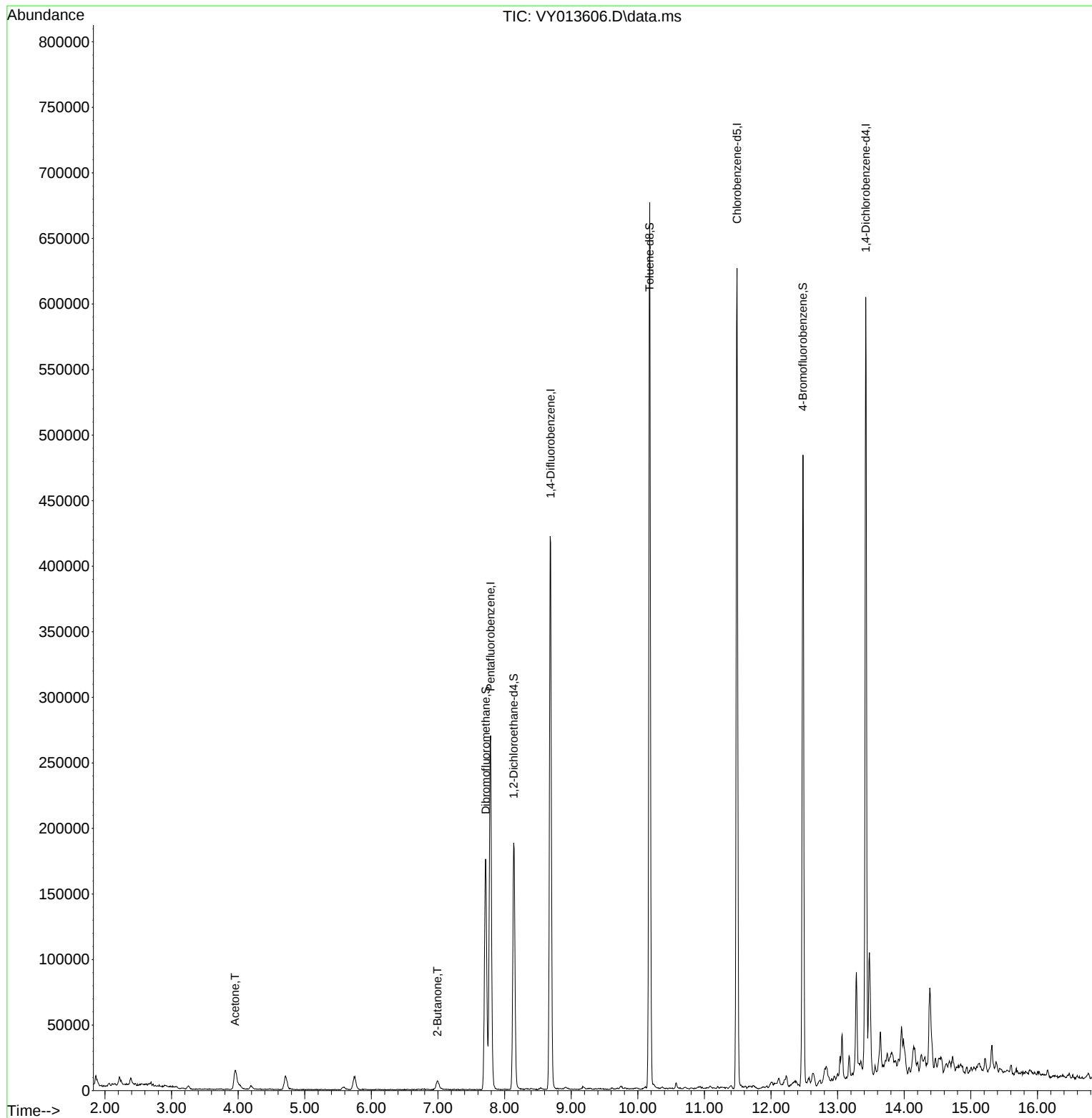
Internal Standards						
1) Pentafluorobenzene	7.789	168	213088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	353341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156465	66.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.960%	
35) Dibromofluoromethane	7.716	113	121787	54.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.600%	
50) Toluene-d8	10.179	98	427418	54.064	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.477	95	138556	51.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.980%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	35878	39.002	ug/l	92
25) 2-Butanone	6.990	43	11928	10.224	ug/l	95

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

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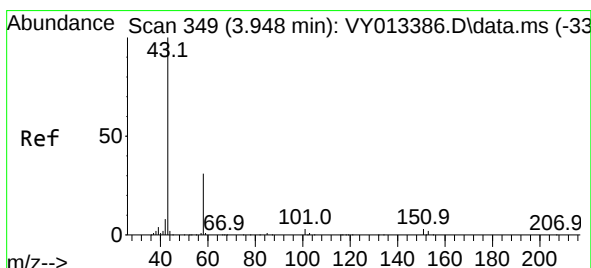
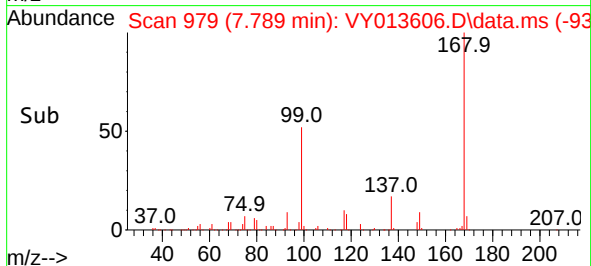
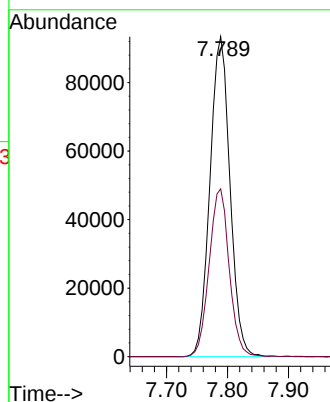
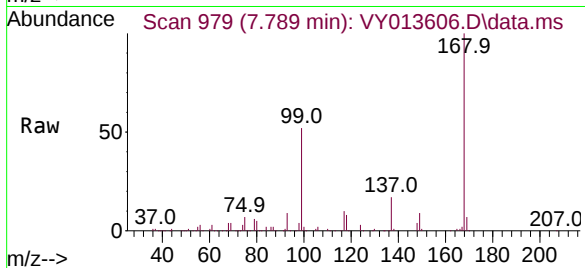




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013606.D
Acq: 04 May 2023 17:36

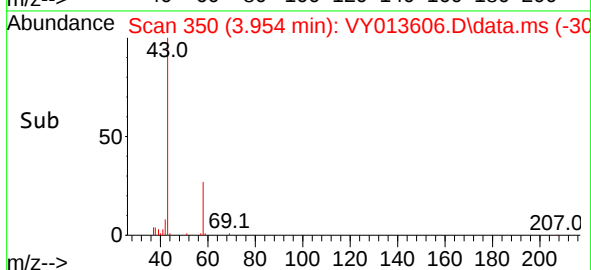
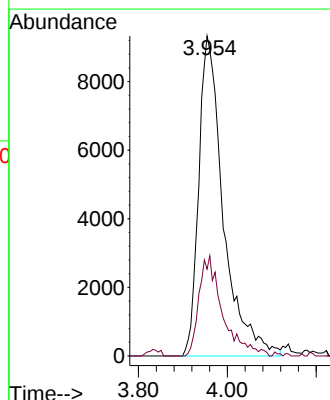
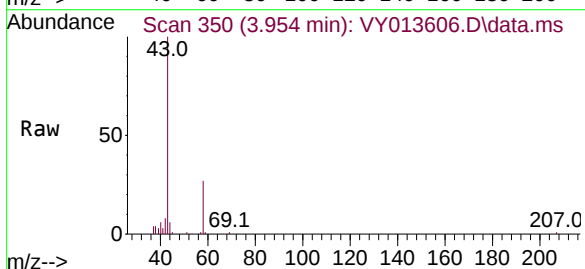
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-C-3-6-05012023

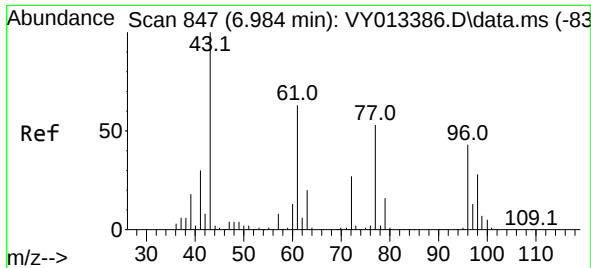
Tgt Ion:168 Resp: 213088
Ion Ratio Lower Upper
168 100
99 52.5 41.8 62.6



#16
Acetone
Concen: 39.002 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013606.D
Acq: 04 May 2023 17:36

Tgt Ion: 43 Resp: 35878
Ion Ratio Lower Upper
43 100
58 27.2 25.4 38.0

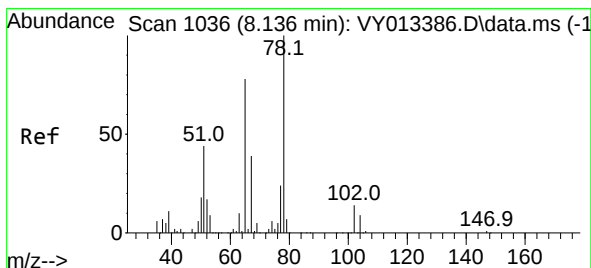
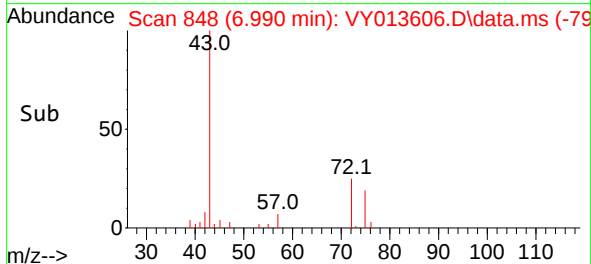
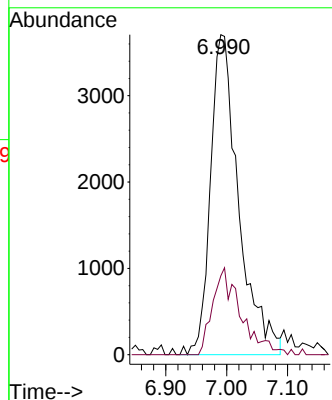
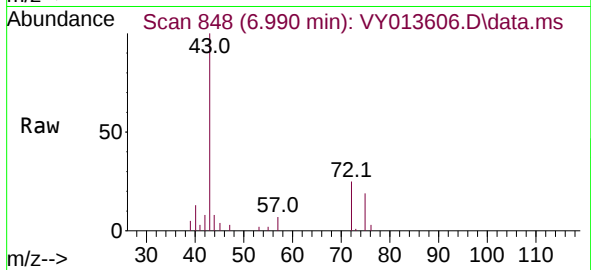




#25
2-Butanone
Concen: 10.224 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013606.D
Acq: 04 May 2023 17:36

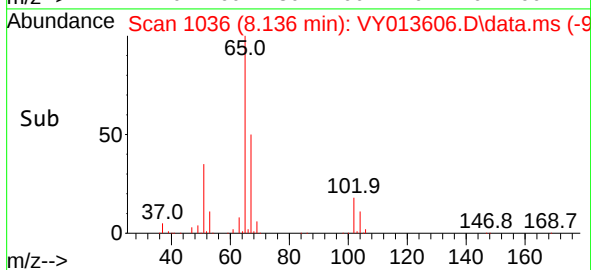
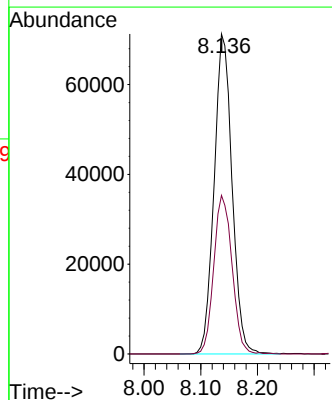
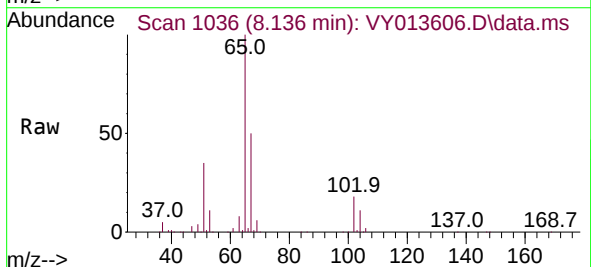
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-C-3-6-05012023

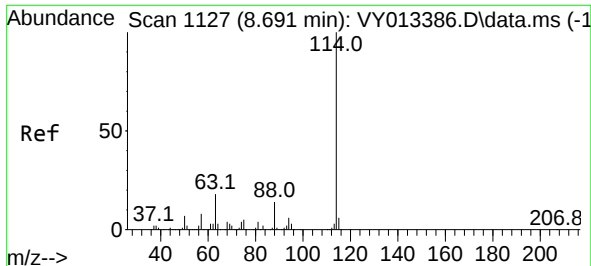
Tgt Ion: 43 Resp: 11928
Ion Ratio Lower Upper
43 100
72 24.7 21.9 32.9



#33
1,2-Dichloroethane-d4
Concen: 66.982 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013606.D
Acq: 04 May 2023 17:36

Tgt Ion: 65 Resp: 156465
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013606.D

Acq: 04 May 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

ZONE-C-3-6-05012023

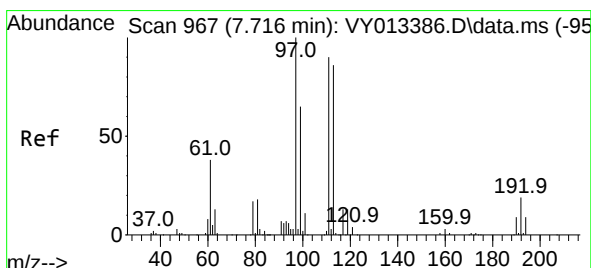
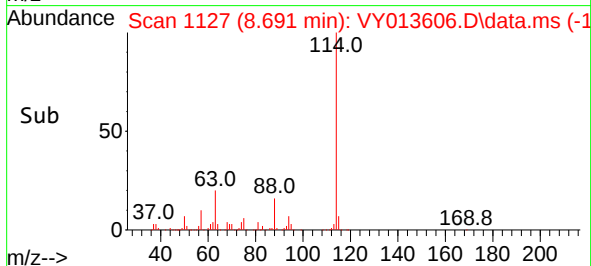
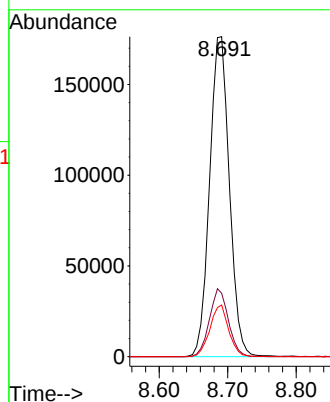
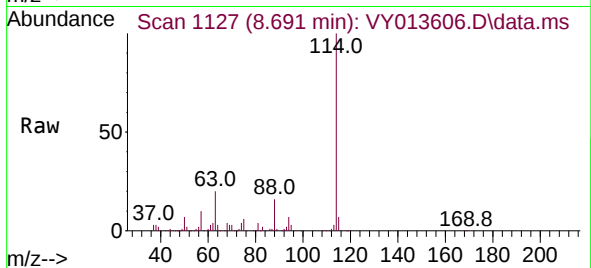
Tgt Ion:114 Resp: 353341

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.6

88 16.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.801 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013606.D

Acq: 04 May 2023 17:36

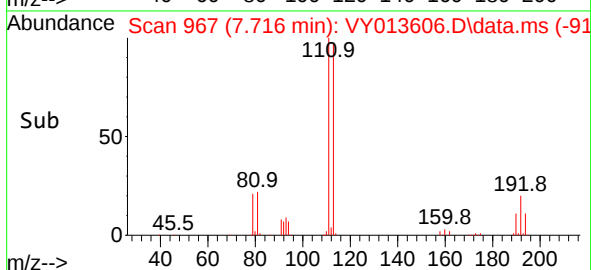
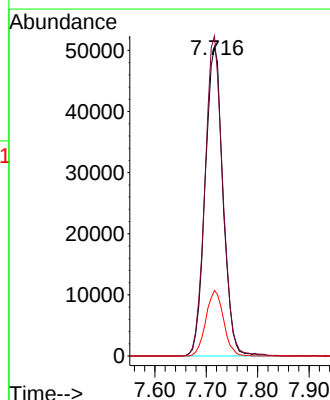
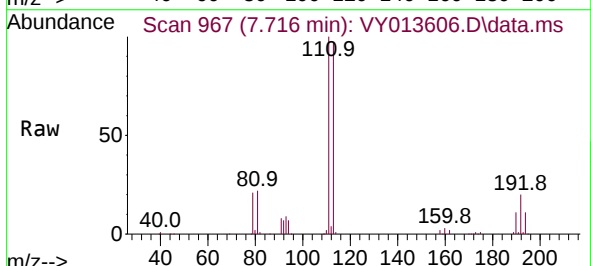
Tgt Ion:113 Resp: 121787

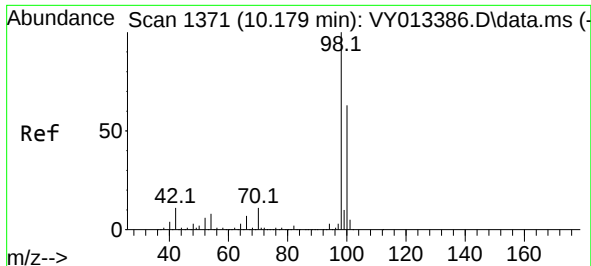
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 21.0 16.7 25.1

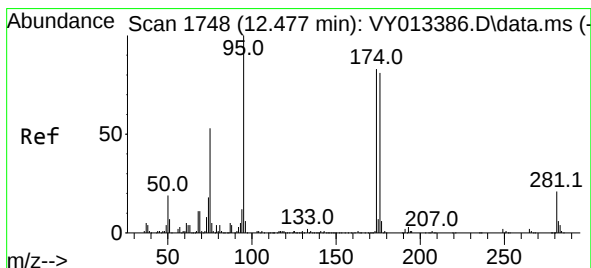
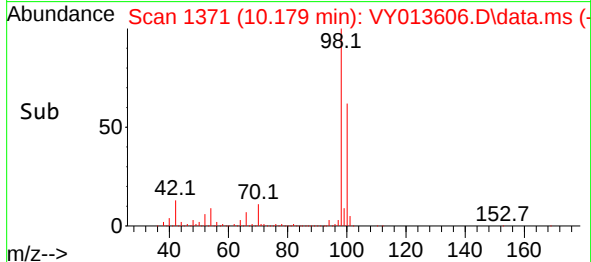
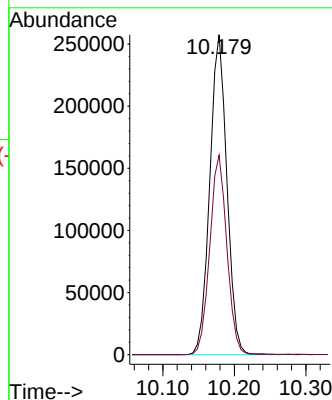
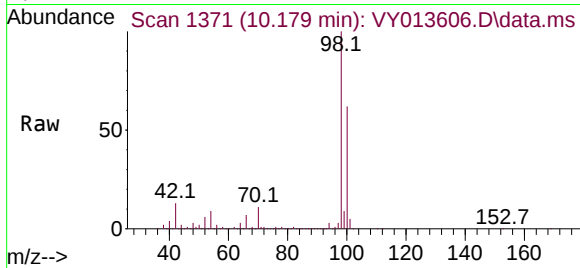




#50
Toluene-d8
Concen: 54.064 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013606.D
Acq: 04 May 2023 17:36

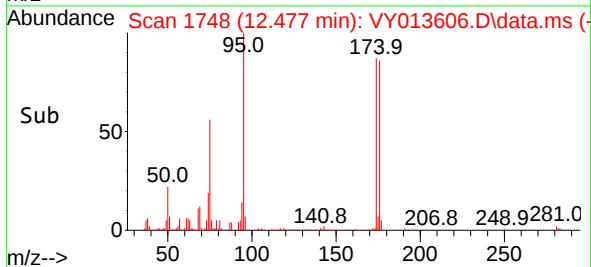
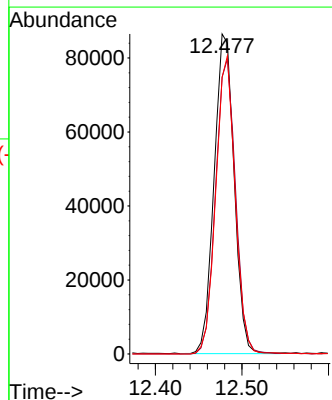
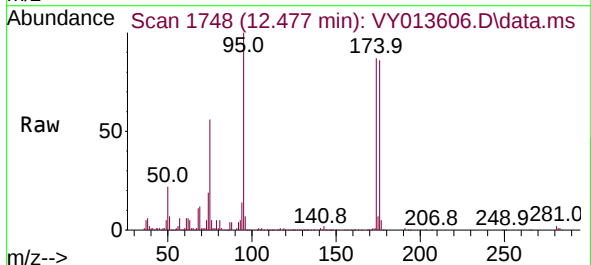
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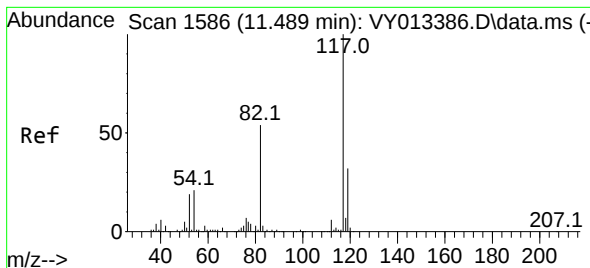
Tgt Ion: 98 Resp: 427418
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.986 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013606.D
Acq: 04 May 2023 17:36

Tgt Ion: 95 Resp: 138556
Ion Ratio Lower Upper
95 100
174 92.0 0.0 182.0
176 90.2 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013606.D

Acq: 04 May 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

ZONE-C-3-6-05012023

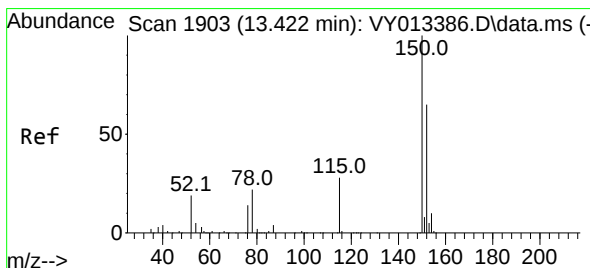
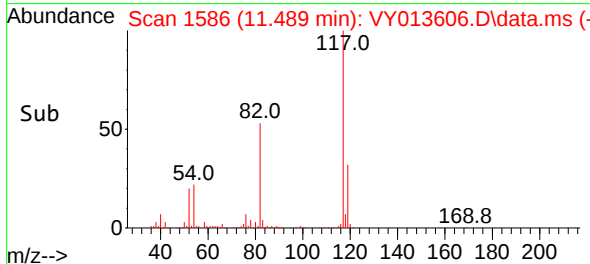
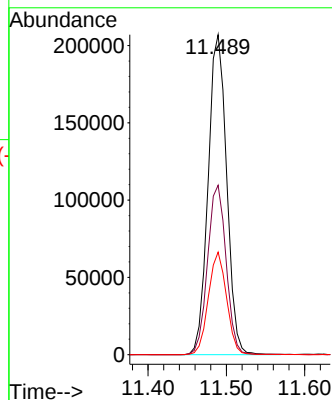
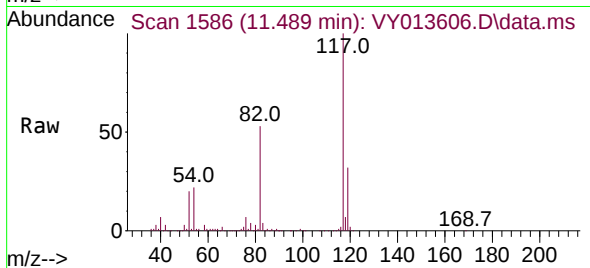
Tgt Ion:117 Resp: 340130

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.6

119 32.1 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: VY013606.D

Acq: 04 May 2023 17:36

Tgt Ion:152 Resp: 150243

Ion Ratio Lower Upper

152 100

115 57.8 28.1 84.2

150 156.7 0.0 352.0

