

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013636.D
 Acq On : 05 May 2023 19:25
 Operator : KP/MD
 Sample : 02588-14
 Misc : 4.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PILE-A-UNK-05022023

Quant Time: May 08 00:26:09 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)

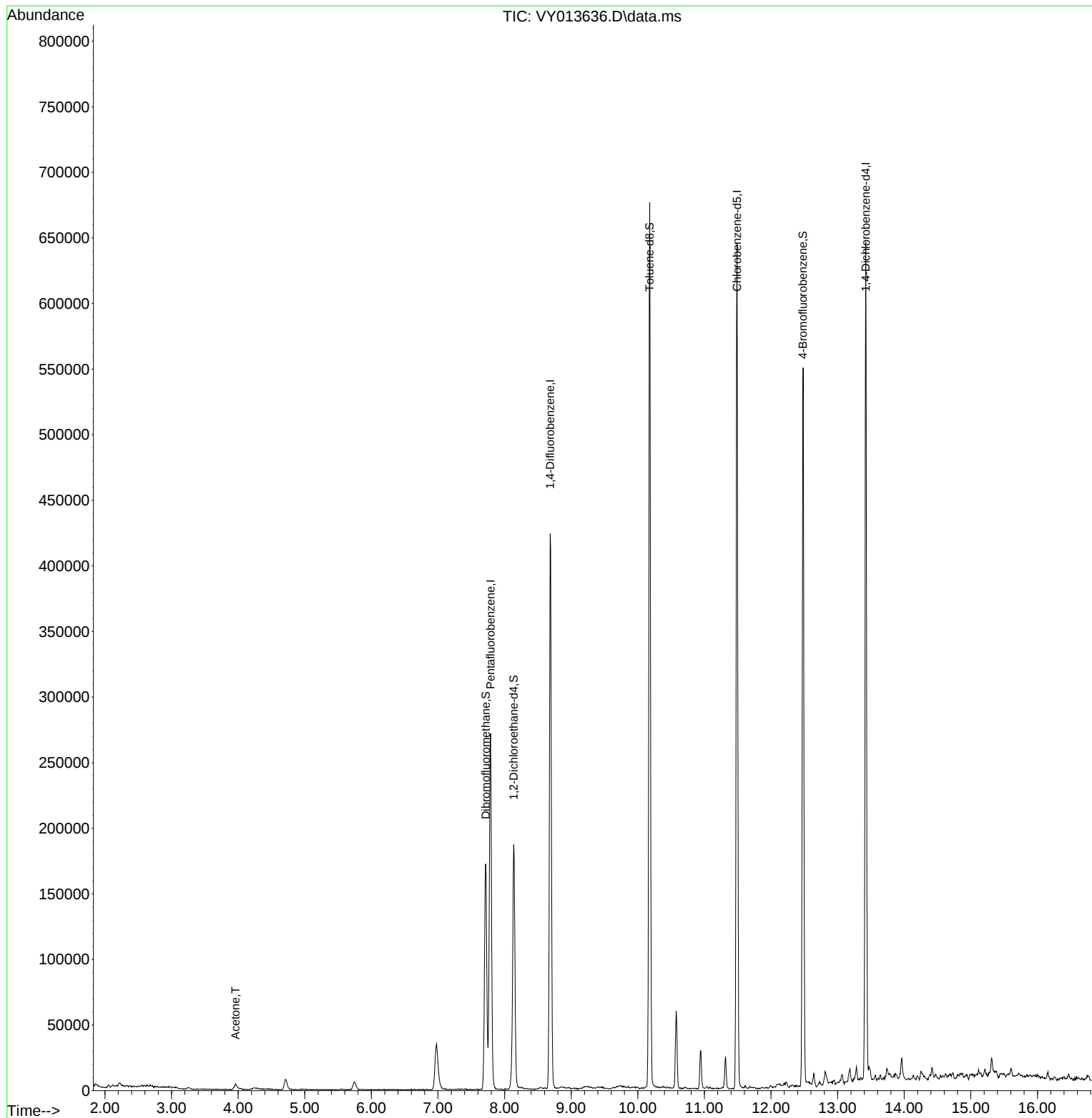
Internal Standards						
1) Pentafluorobenzene	7.789	168	210621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	352810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146910	63.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.260%	
35) Dibromofluoromethane	7.716	113	120074	54.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.179	98	428975	54.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.680%	
62) 4-Bromofluorobenzene	12.477	95	144770	54.399	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.800%	
Target Compounds						
16) Acetone	3.960	43	9839	10.821	ug/l	Qvalue 89

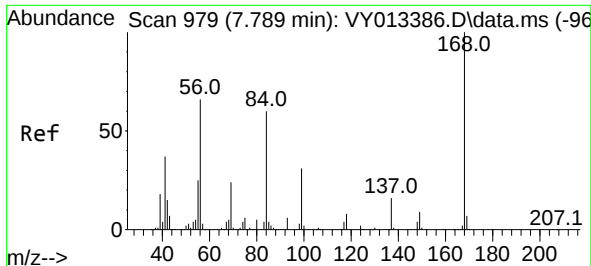
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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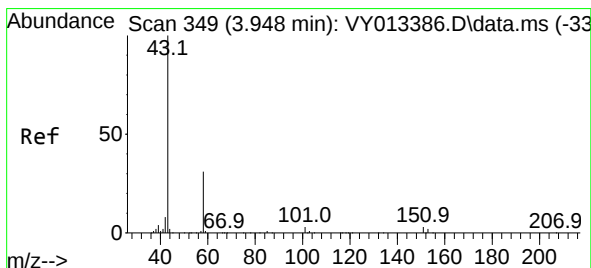
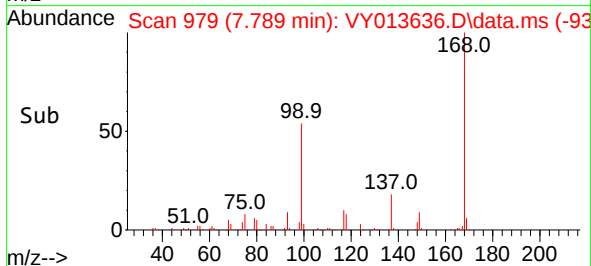
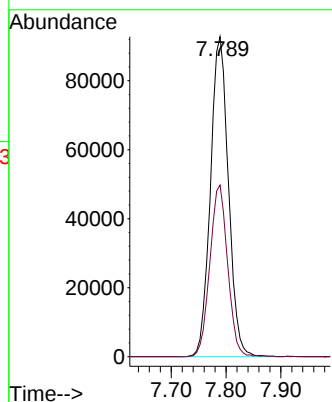
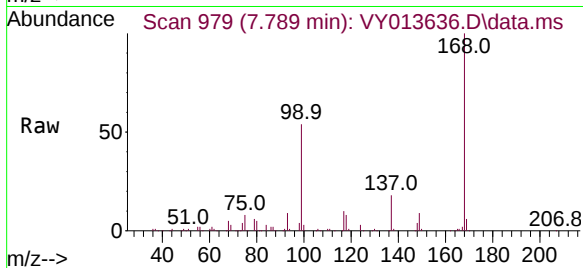




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013636.D
Acq: 05 May 2023 19:25

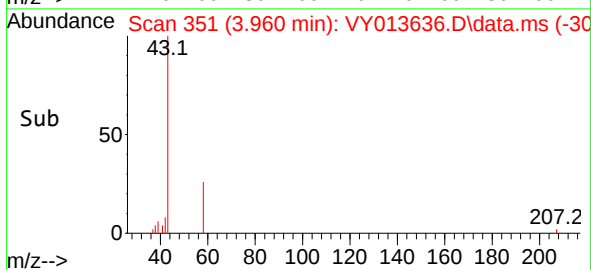
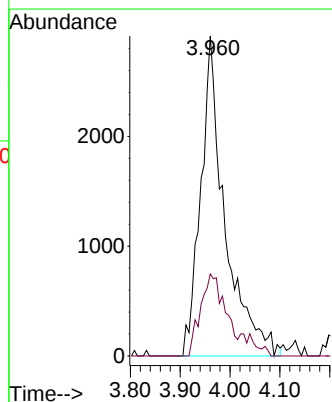
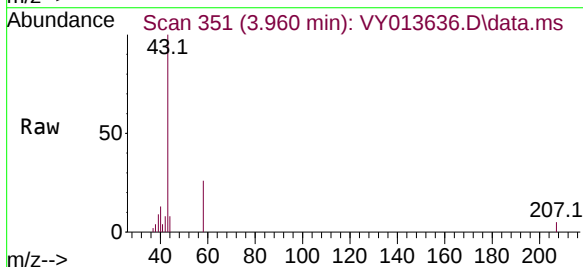
Instrument :
MSVOA_Y
ClientSampleId :
PILE-A-UNK-05022023

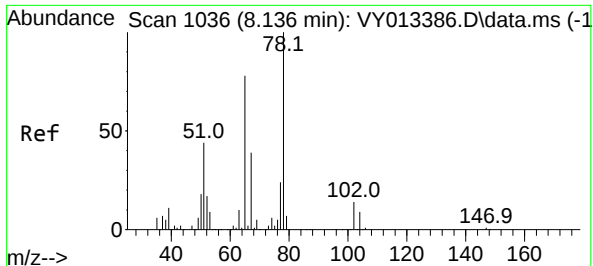
Tgt Ion:168 Resp: 210621
Ion Ratio Lower Upper
168 100
99 53.6 41.8 62.6



#16
Acetone
Concen: 10.821 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013636.D
Acq: 05 May 2023 19:25

Tgt Ion: 43 Resp: 9839
Ion Ratio Lower Upper
43 100
58 25.7 25.4 38.0

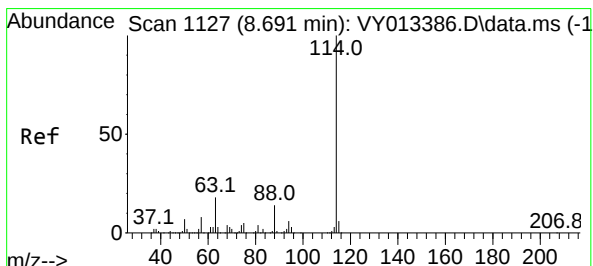
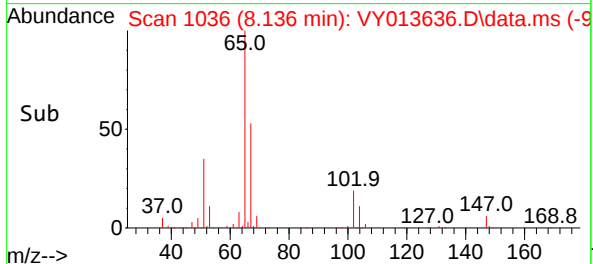
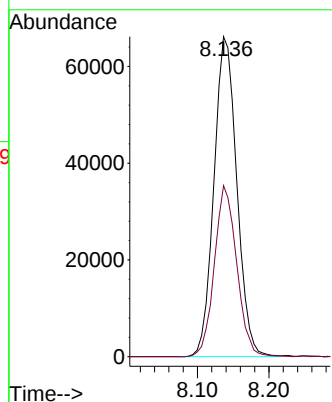
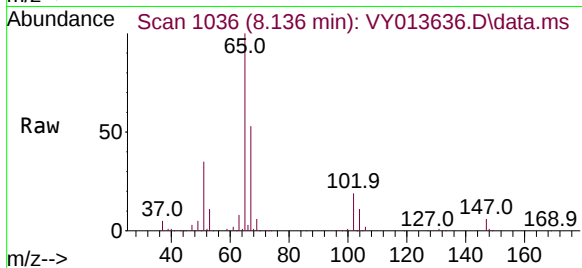




#33
1,2-Dichloroethane-d4
Concen: 63.628 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013636.D
Acq: 05 May 2023 19:25

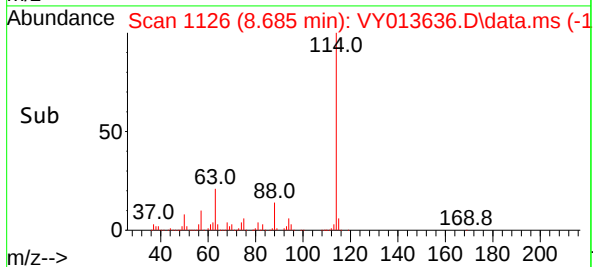
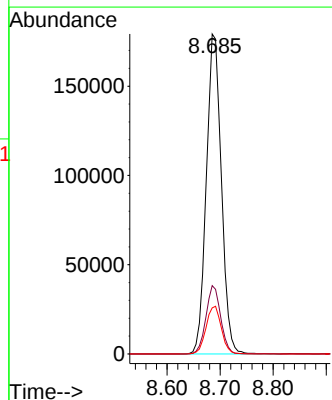
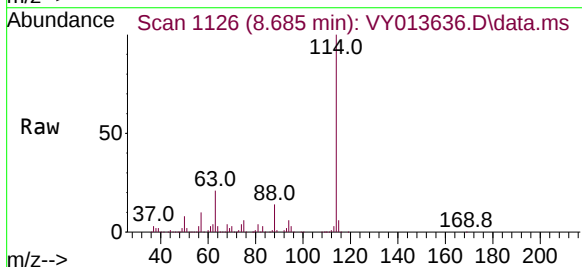
Instrument :
MSVOA_Y
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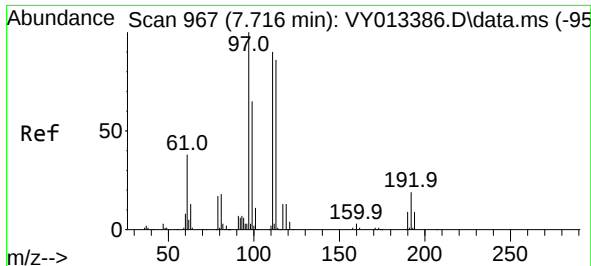
Tgt Ion: 65 Resp: 146910
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013636.D
Acq: 05 May 2023 19:25

Tgt Ion: 114 Resp: 352810
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.6
88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 54.111 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY013636.D

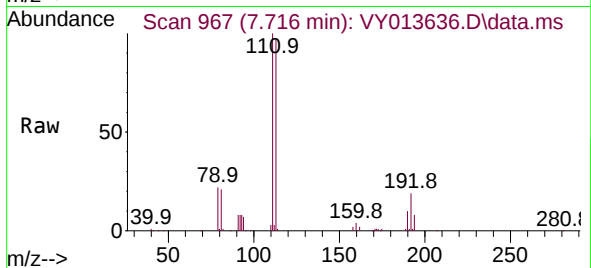
Acq: 05 May 2023 19:25

Instrument :

MSVOA_Y

ClientSampleId :

PILE-A-UNK-05022023



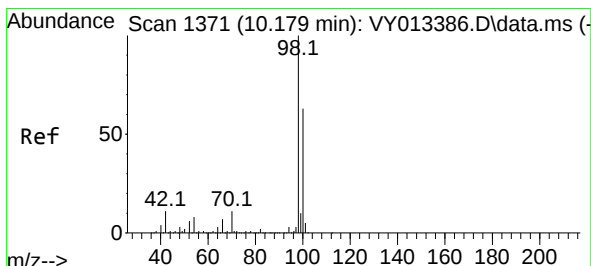
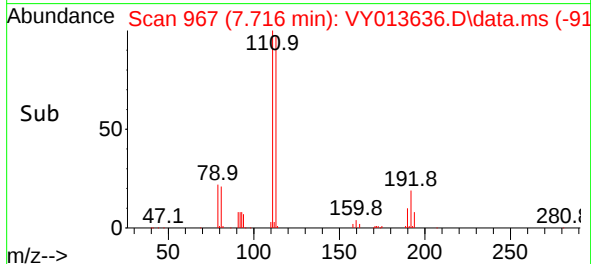
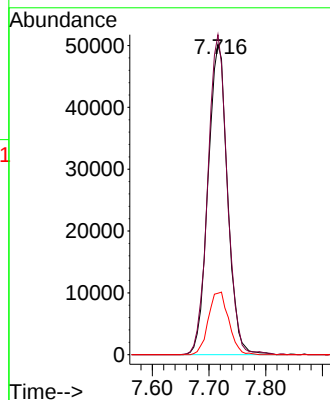
Tgt Ion:113 Resp: 120074

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 21.1 16.7 25.1



#50

Toluene-d8

Concen: 54.342 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013636.D

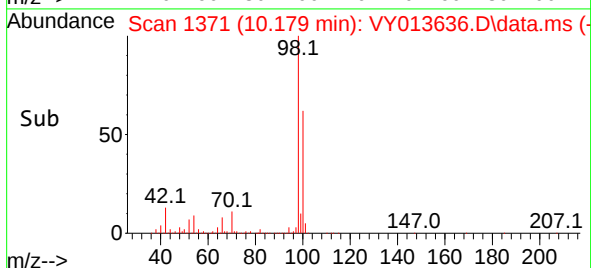
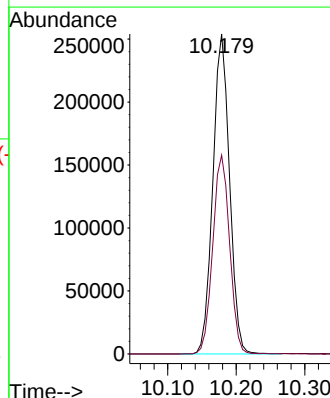
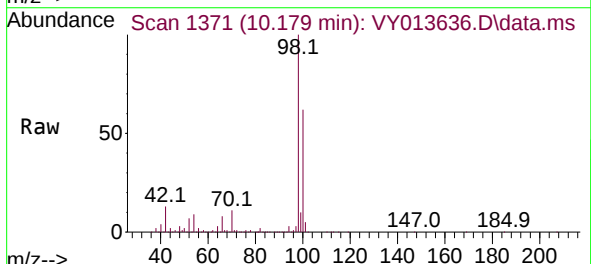
Acq: 05 May 2023 19:25

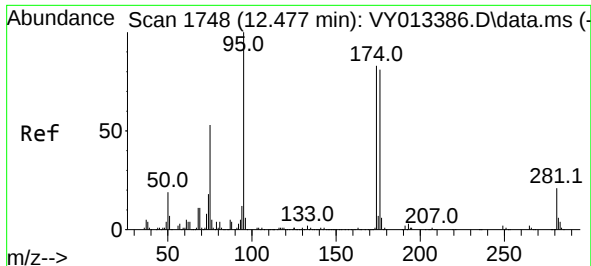
Tgt Ion: 98 Resp: 428975

Ion Ratio Lower Upper

98 100

100 62.7 50.5 75.7

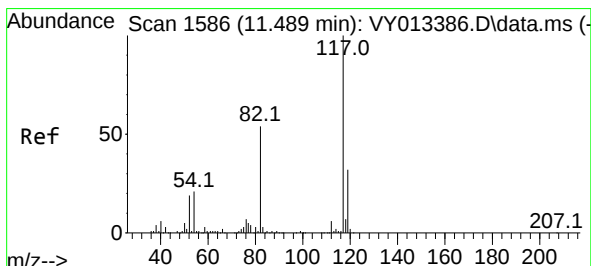
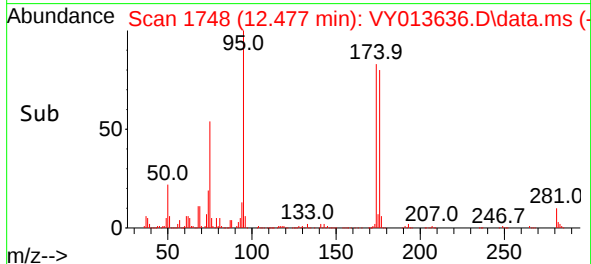
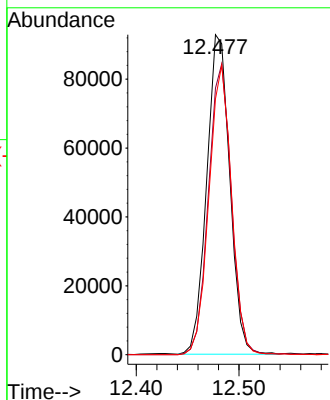
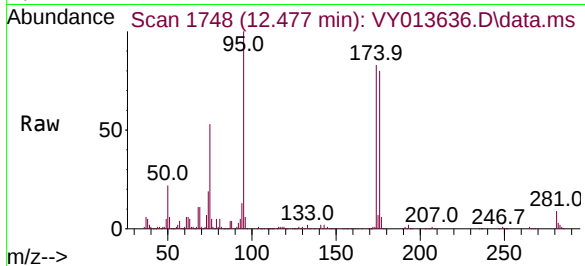




#62
4-Bromofluorobenzene
Concen: 54.399 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013636.D
Acq: 05 May 2023 19:25

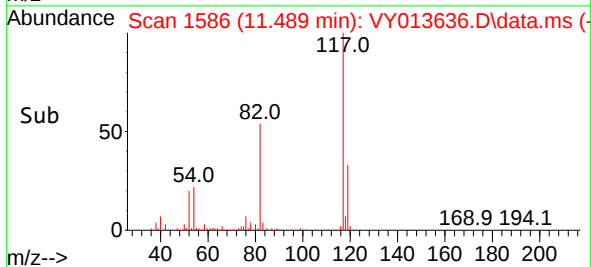
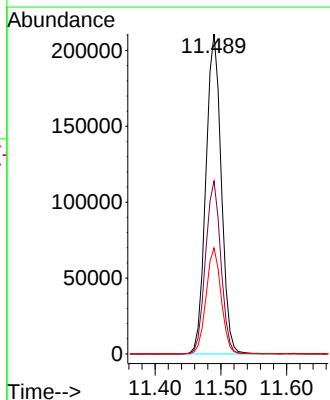
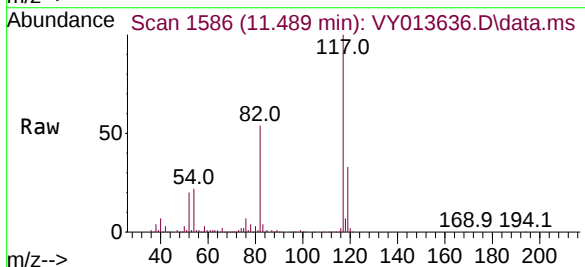
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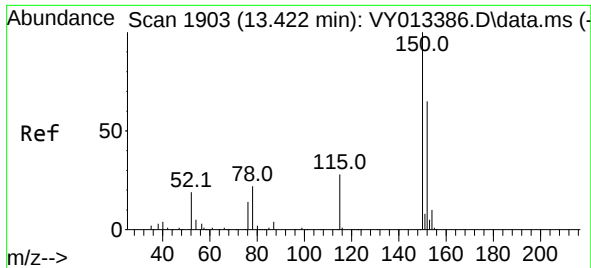
Tgt Ion: 95 Resp: 144770
Ion Ratio Lower Upper
95 100
174 90.5 0.0 182.0
176 88.6 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013636.D
Acq: 05 May 2023 19:25

Tgt Ion: 117 Resp: 343540
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.6
119 33.1 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: VY013636.D

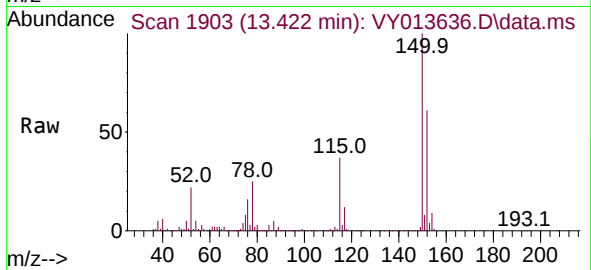
Acq: 05 May 2023 19:25

Instrument :

MSVOA_Y

ClientSampleId :

PILE-A-UNK-05022023



Tgt Ion:152 Resp: 158619

Ion Ratio Lower Upper

152 100

115 57.3 28.1 84.2

150 157.7 0.0 352.0

