

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013324.D
 Acq On : 14 Apr 2023 17:18
 Operator : KP/MD
 Sample : 02357-01
 Misc : 4.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P2-S1-230413

Quant Time: Apr 17 02:14:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

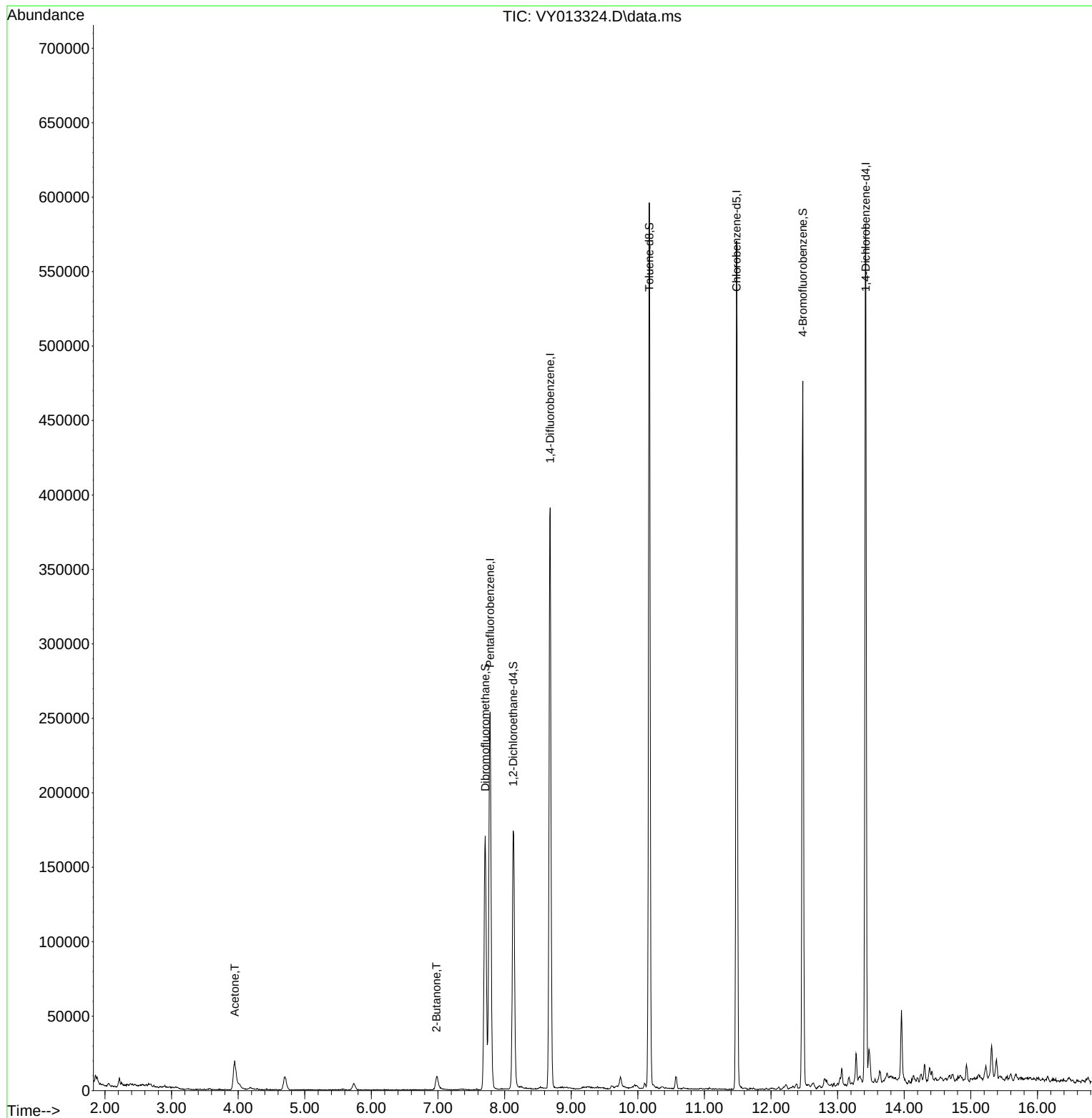
Internal Standards						
1) Pentafluorobenzene	7.783	168	199383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	327277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	309146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	137047	57.195	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	114.400%	
35) Dibromofluoromethane	7.710	113	119164	56.242	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	112.480%	
50) Toluene-d8	10.172	98	389113	49.340	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	98.680%	
62) 4-Bromofluorobenzene	12.477	95	132565	51.735	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	103.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	43799	53.163	ug/l	99
25) 2-Butanone	6.978	43	15982	15.151	ug/l	97

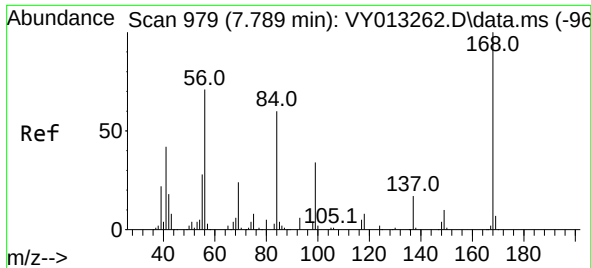
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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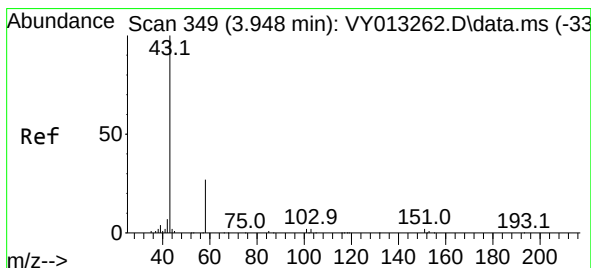
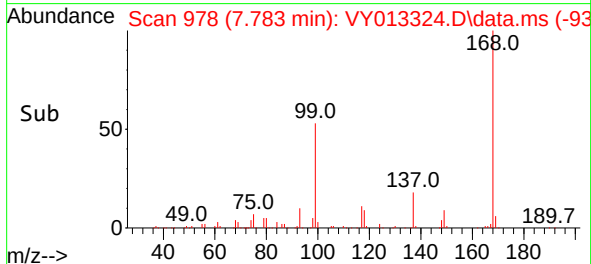
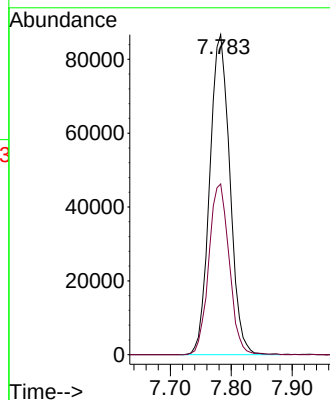
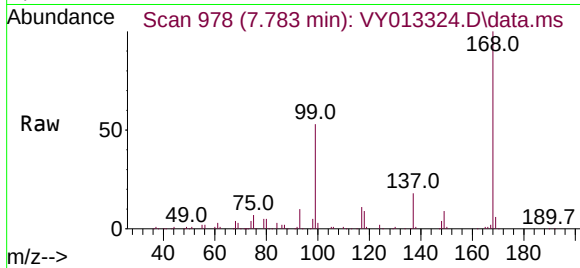




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

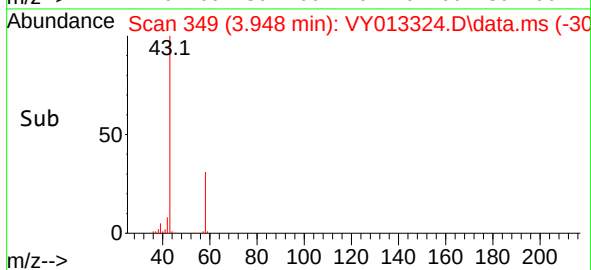
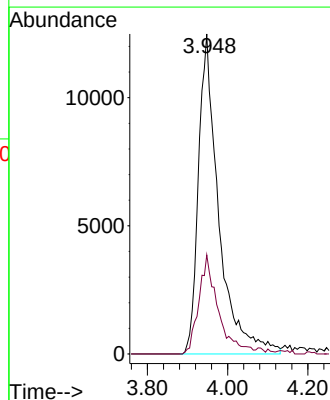
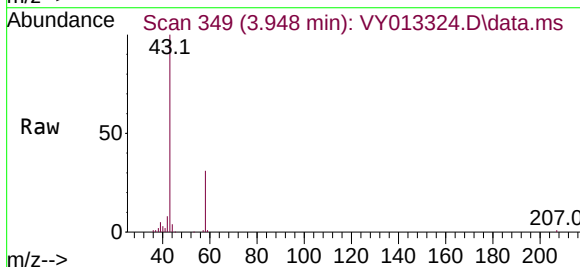
Instrument :
MSVOA_Y
ClientSampleId :
P2-S1-230413

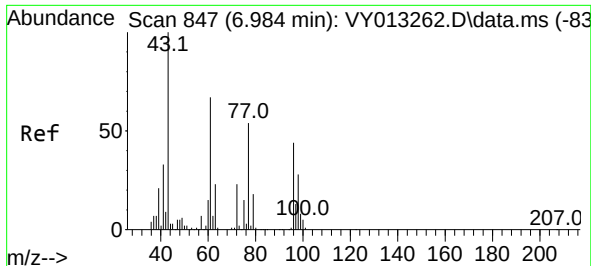
Tgt Ion:168 Resp: 199383
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#16
Acetone
Concen: 53.163 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Tgt Ion: 43 Resp: 43799
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.2

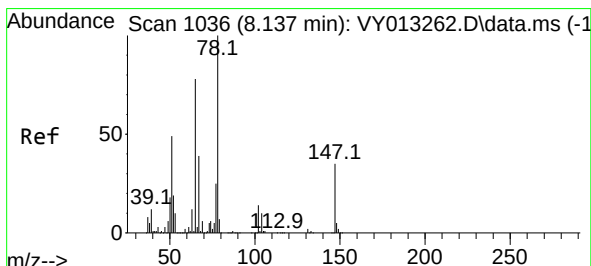
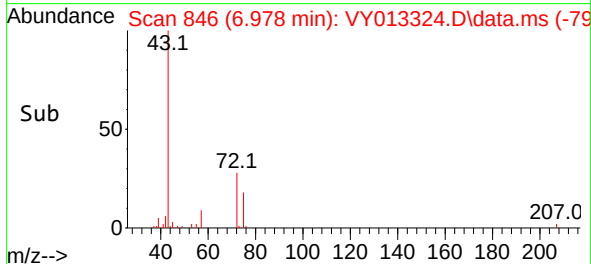
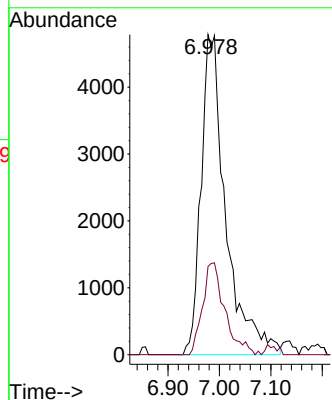
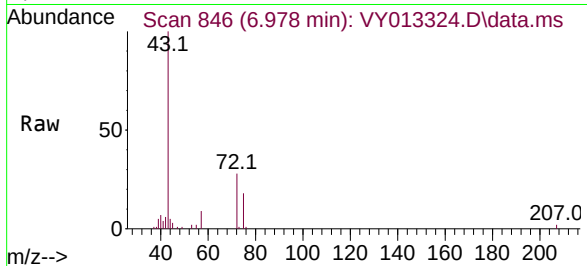




#25
2-Butanone
Concen: 15.151 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

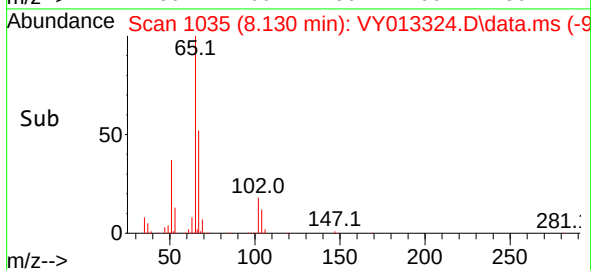
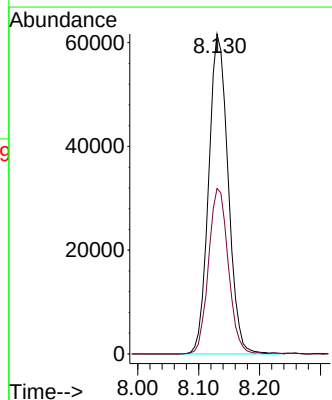
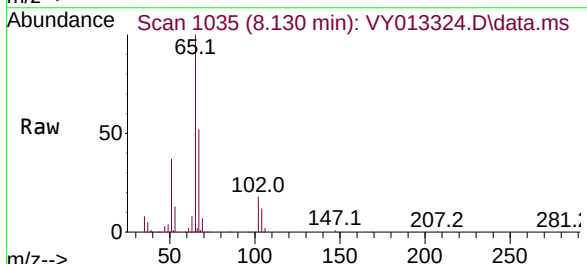
Instrument :
MSVOA_Y
ClientSampleId :
P2-S1-230413

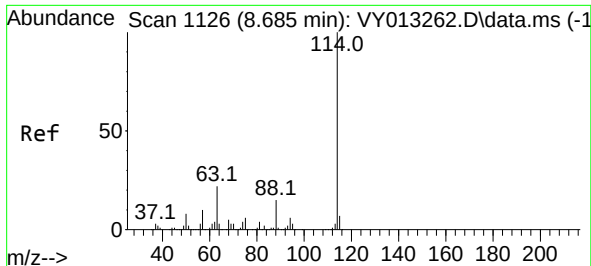
Tgt Ion: 43 Resp: 15982
Ion Ratio Lower Upper
43 100
72 27.6 21.0 31.4



#33
1,2-Dichloroethane-d4
Concen: 57.195 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Tgt Ion: 65 Resp: 137047
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0

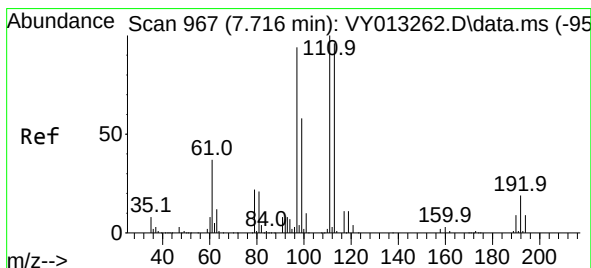
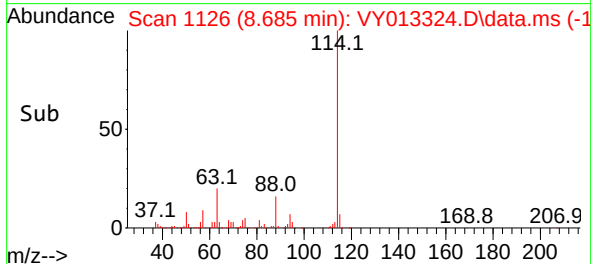
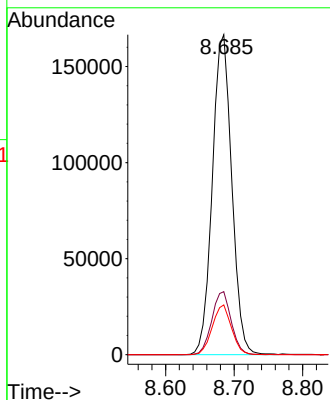
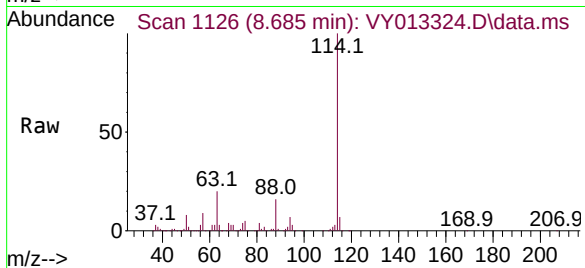




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

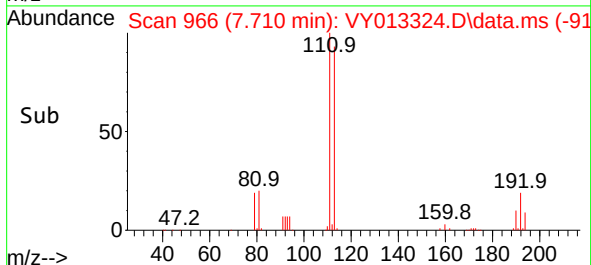
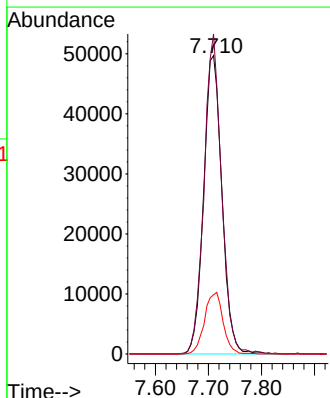
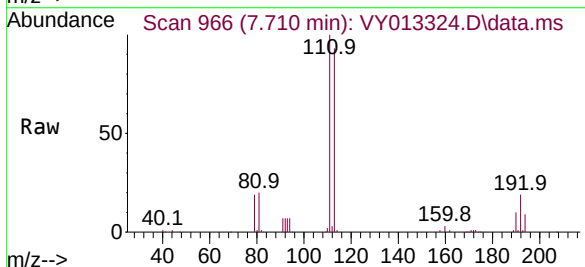
Instrument :
MSVOA_Y
ClientSampleId :
P2-S1-230413

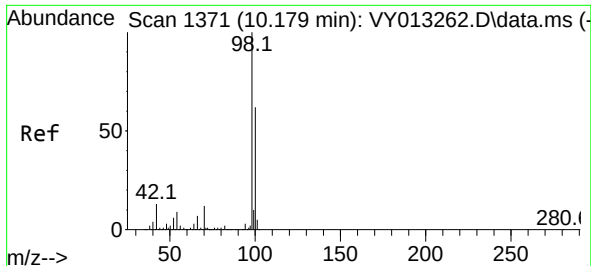
Tgt Ion:114 Resp: 327277
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 15.6 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.242 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Tgt Ion:113 Resp: 119164
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.9 16.8 25.2

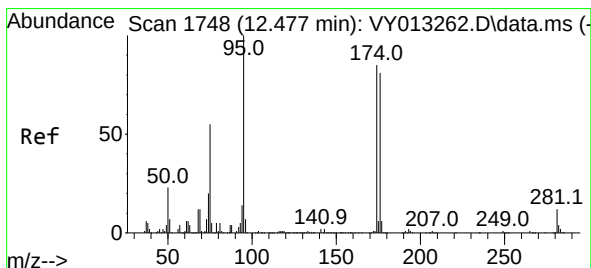
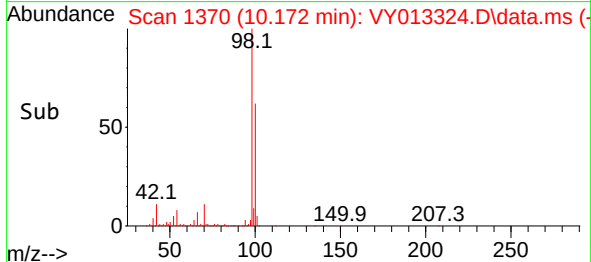
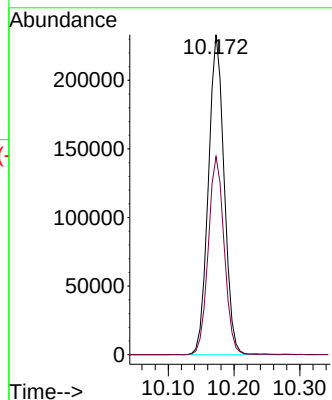
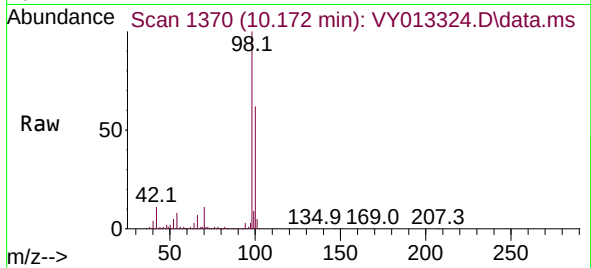




#50
Toluene-d8
Concen: 49.340 ug/l
RT: 10.172 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

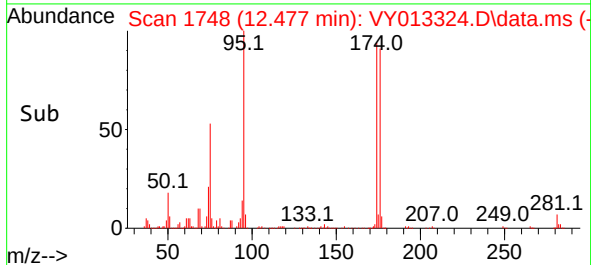
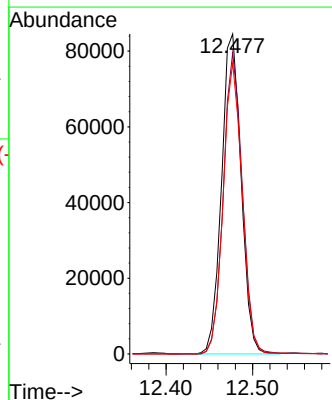
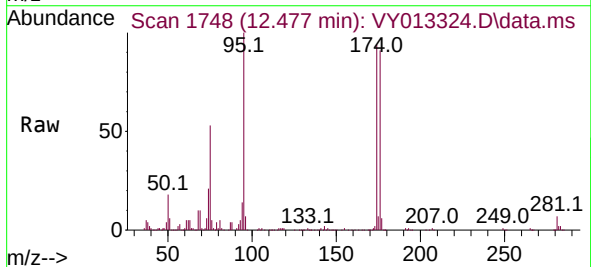
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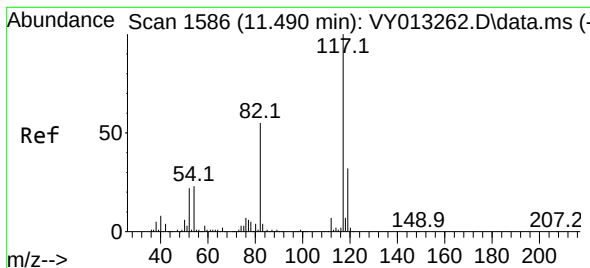
Tgt Ion: 98 Resp: 389113
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.735 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Tgt Ion: 95 Resp: 132565
Ion Ratio Lower Upper
95 100
174 91.5 0.0 176.6
176 88.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013324.D

Acq: 14 Apr 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

P2-S1-230413

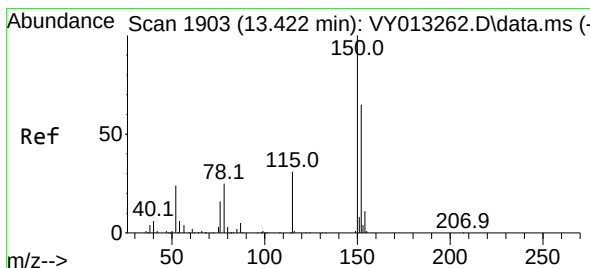
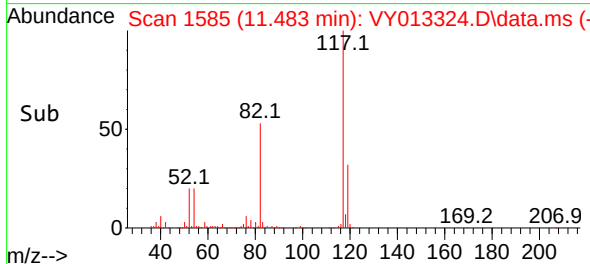
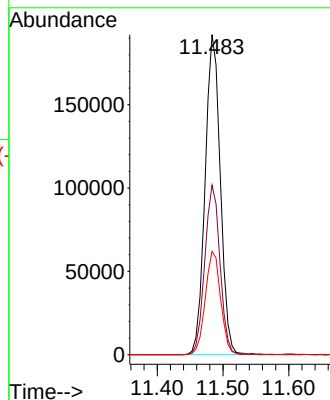
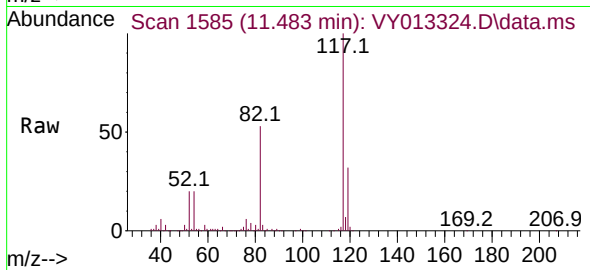
Tgt Ion:117 Resp: 309146

Ion Ratio Lower Upper

117 100

82 52.9 45.4 68.0

119 32.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013324.D

Acq: 14 Apr 2023 17:18

Tgt Ion:152 Resp: 154674

Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 157.3 0.0 347.8

