

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013968.D
 Acq On : 01 Jun 2023 16:52
 Operator : KP/MD
 Sample : 02983-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB18

Quant Time: Jun 02 07:27:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

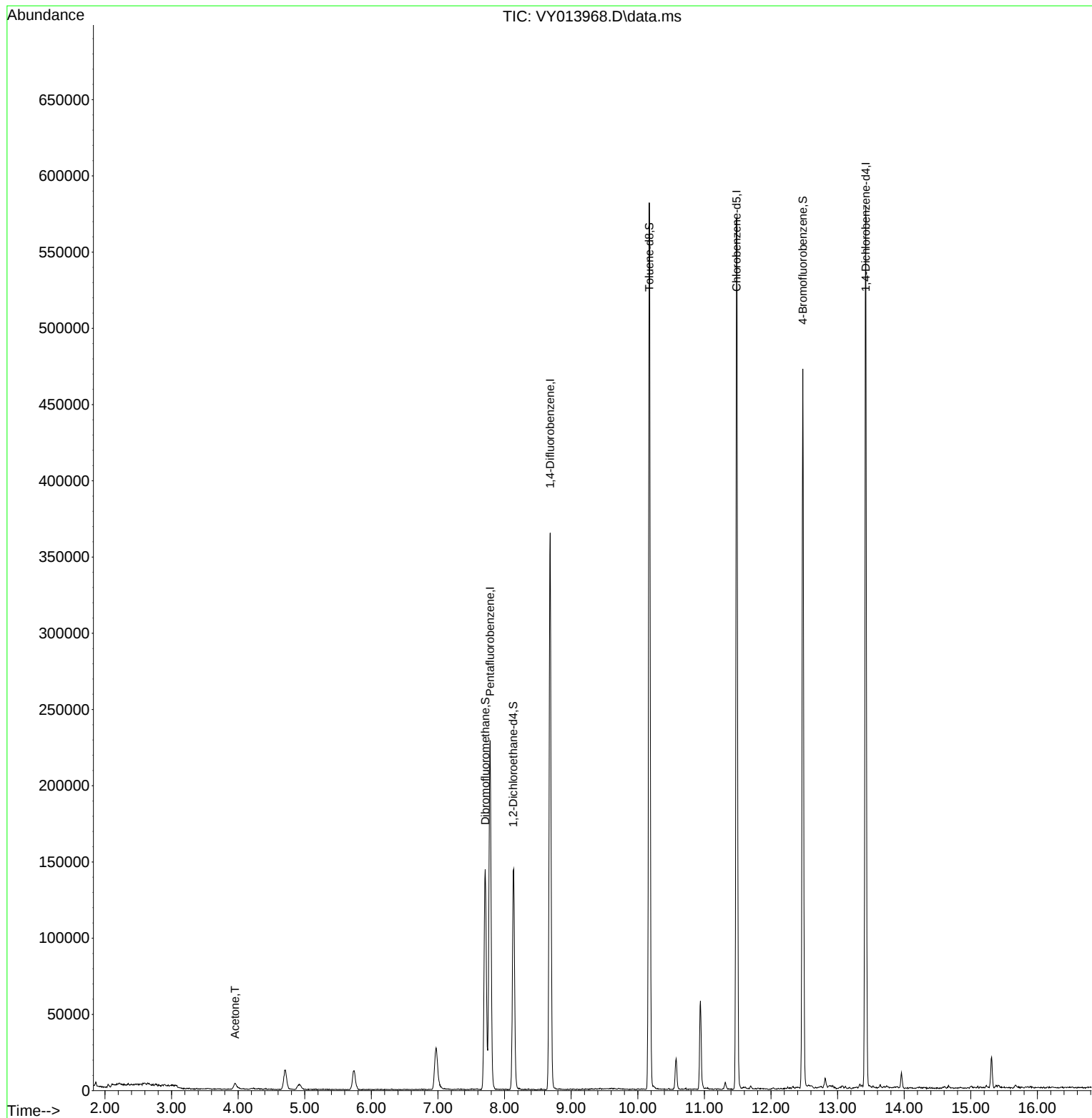
Internal Standards						
1) Pentafluorobenzene	7.783	168	173502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	301047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	297566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	119960	52.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.460%	
35) Dibromofluoromethane	7.710	113	100364	52.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.173	98	368786	50.535	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.477	95	129322	51.980	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.960%	
Target Compounds						
16) Acetone	3.954	43	8774	11.166	ug/l	Qvalue 97

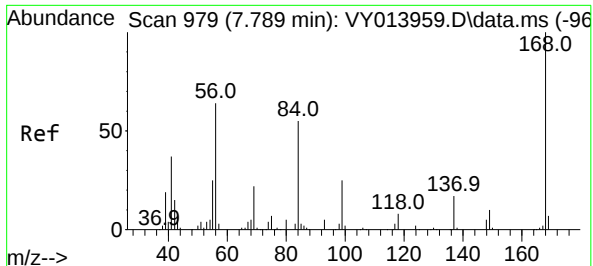
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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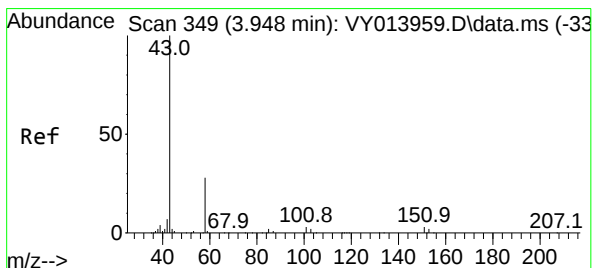
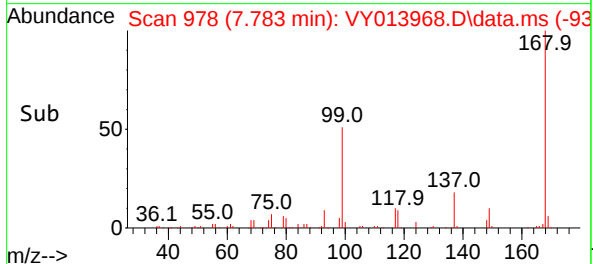
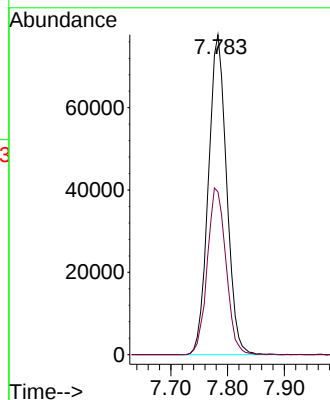
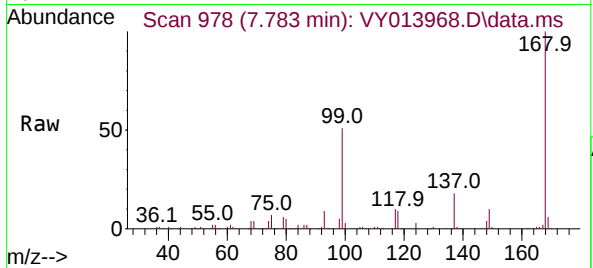




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013968.D
Acq: 01 Jun 2023 16:52

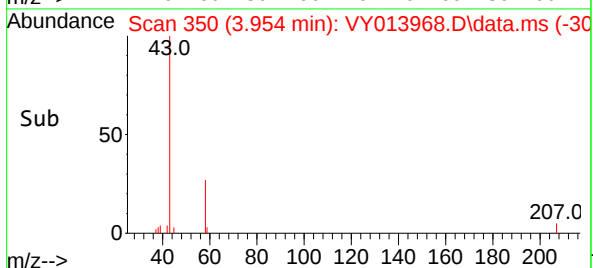
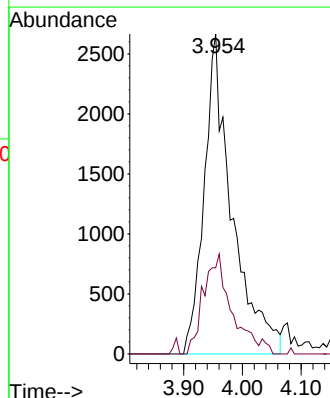
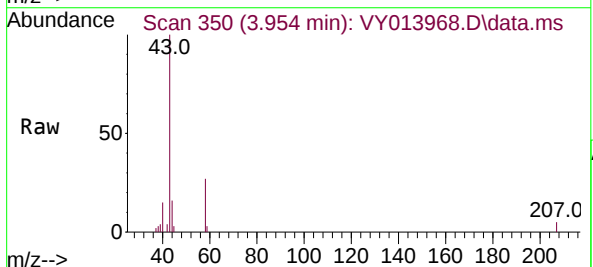
Instrument :
MSVOA_Y
ClientSampleId :
SB18

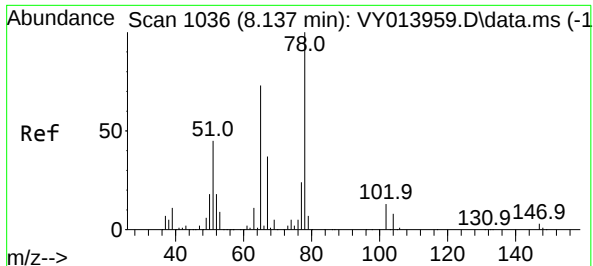
Tgt Ion:168 Resp: 173502
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#16
Acetone
Concen: 11.166 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013968.D
Acq: 01 Jun 2023 16:52

Tgt Ion: 43 Resp: 8774
Ion Ratio Lower Upper
43 100
58 27.0 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 52.230 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013968.D

Acq: 01 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

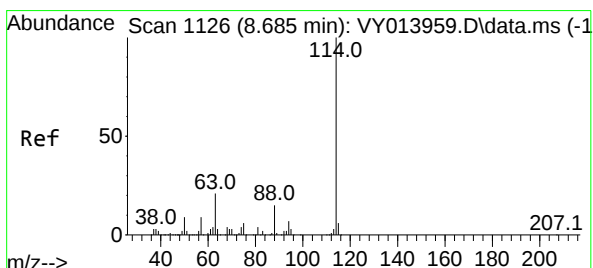
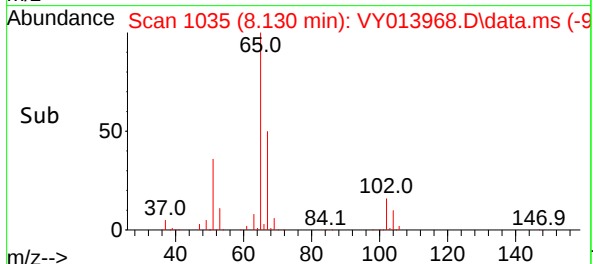
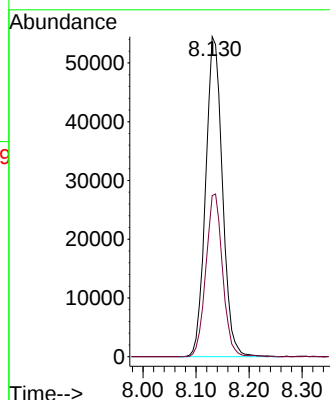
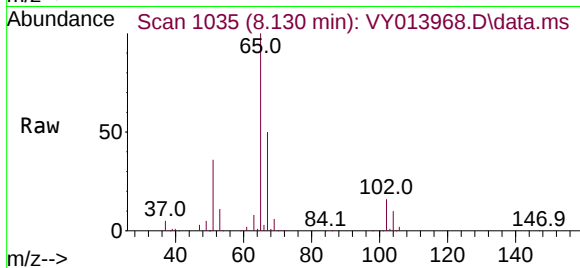
SB18

Tgt Ion: 65 Resp: 119960

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013968.D

Acq: 01 Jun 2023 16:52

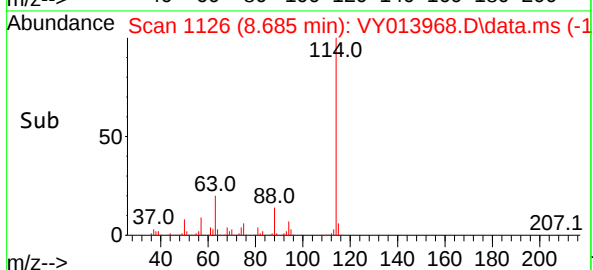
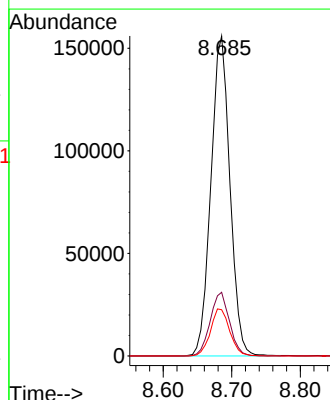
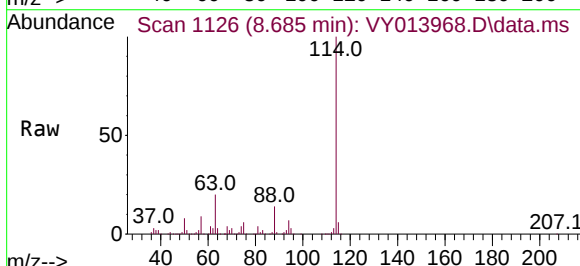
Tgt Ion: 114 Resp: 301047

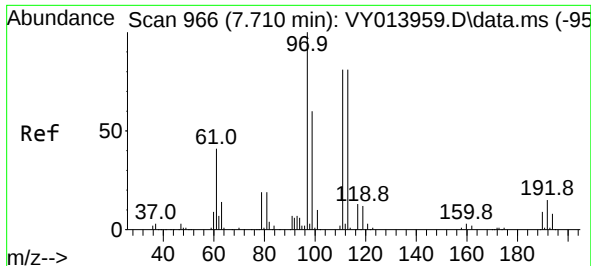
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 14.5 0.0 30.6

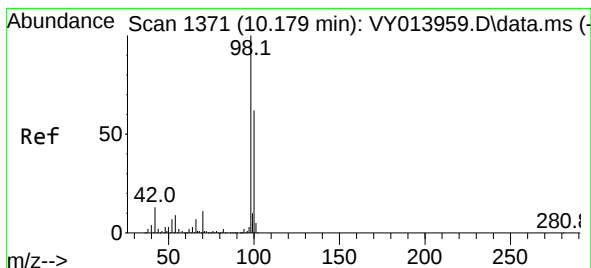
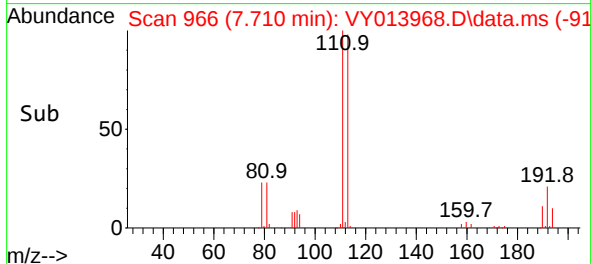
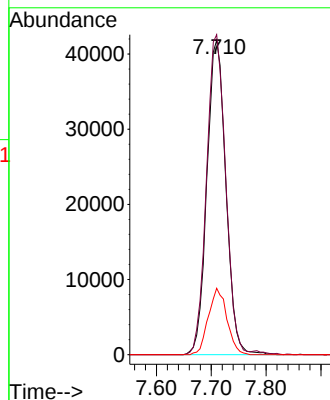
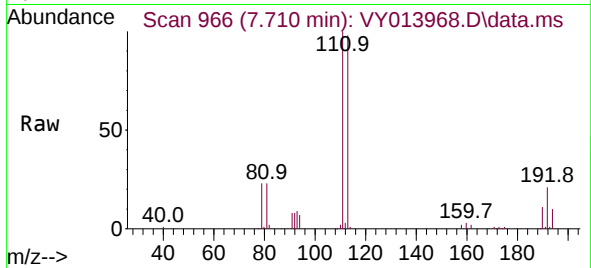




#35
Dibromofluoromethane
Concen: 52.459 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013968.D
Acq: 01 Jun 2023 16:52

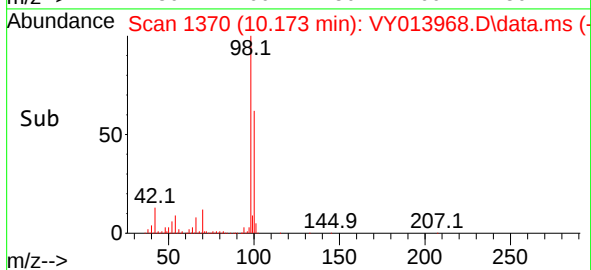
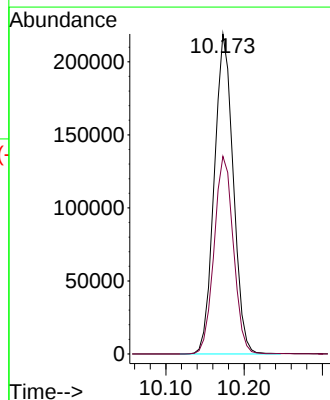
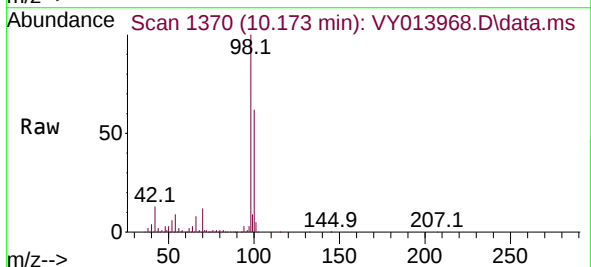
Instrument :
MSVOA_Y
ClientSampleId :
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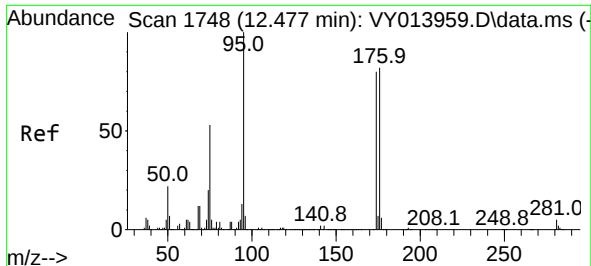
Tgt Ion:113 Resp: 100364
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 20.7 16.9 25.3



#50
Toluene-d8
Concen: 50.535 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013968.D
Acq: 01 Jun 2023 16:52

Tgt Ion: 98 Resp: 368786
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

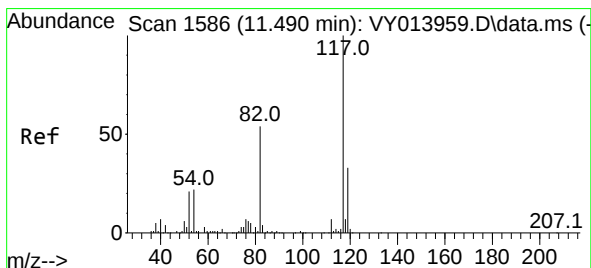
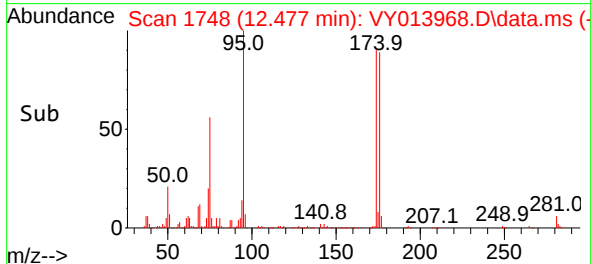
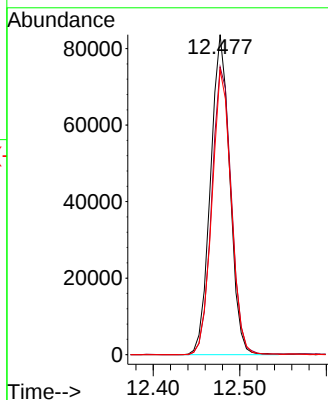
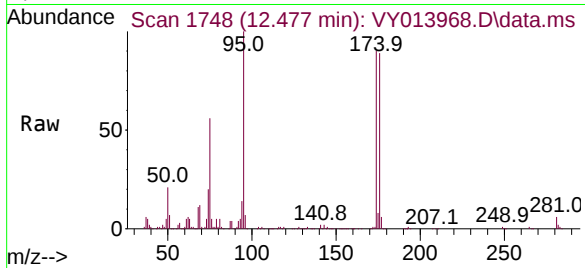




#62
4-Bromofluorobenzene
Concen: 51.980 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013968.D
Acq: 01 Jun 2023 16:52

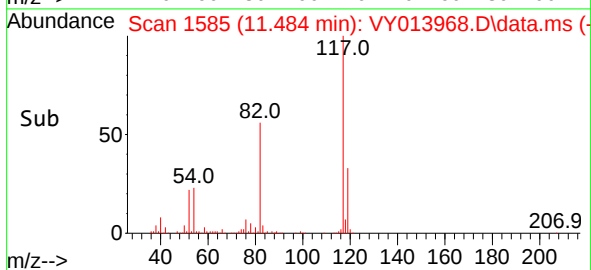
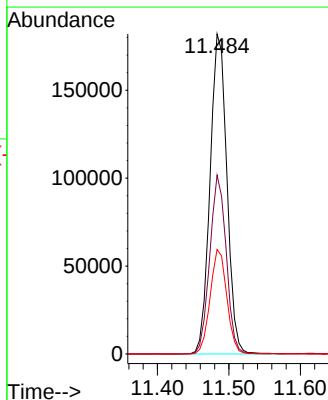
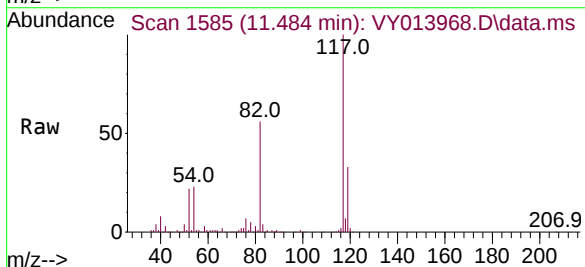
Instrument :
MSVOA_Y
ClientSampleId :
SB18

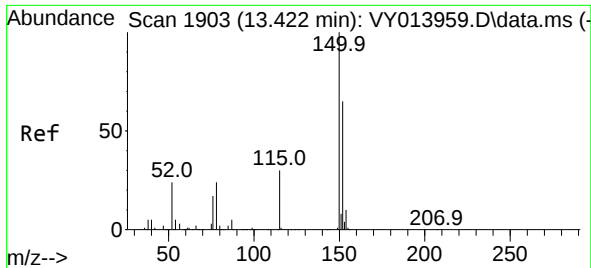
Tgt Ion: 95 Resp: 129322
Ion Ratio Lower Upper
95 100
174 91.4 0.0 178.2
176 88.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013968.D
Acq: 01 Jun 2023 16:52

Tgt Ion: 117 Resp: 297566
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 32.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013968.D

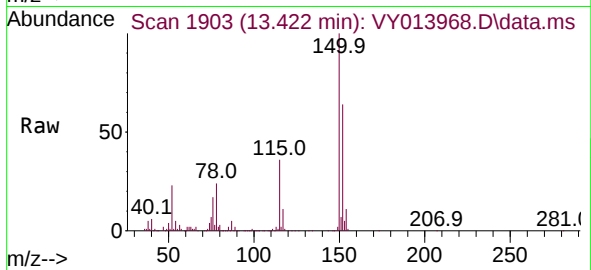
Acq: 01 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

SB18



Tgt Ion:152 Resp: 142964

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 155.7 0.0 348.8

