

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013992.D
 Acq On : 02 Jun 2023 16:07
 Operator : KP/MD
 Sample : 03008-01
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-18-0A

Quant Time: Jun 05 09:44:02 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)

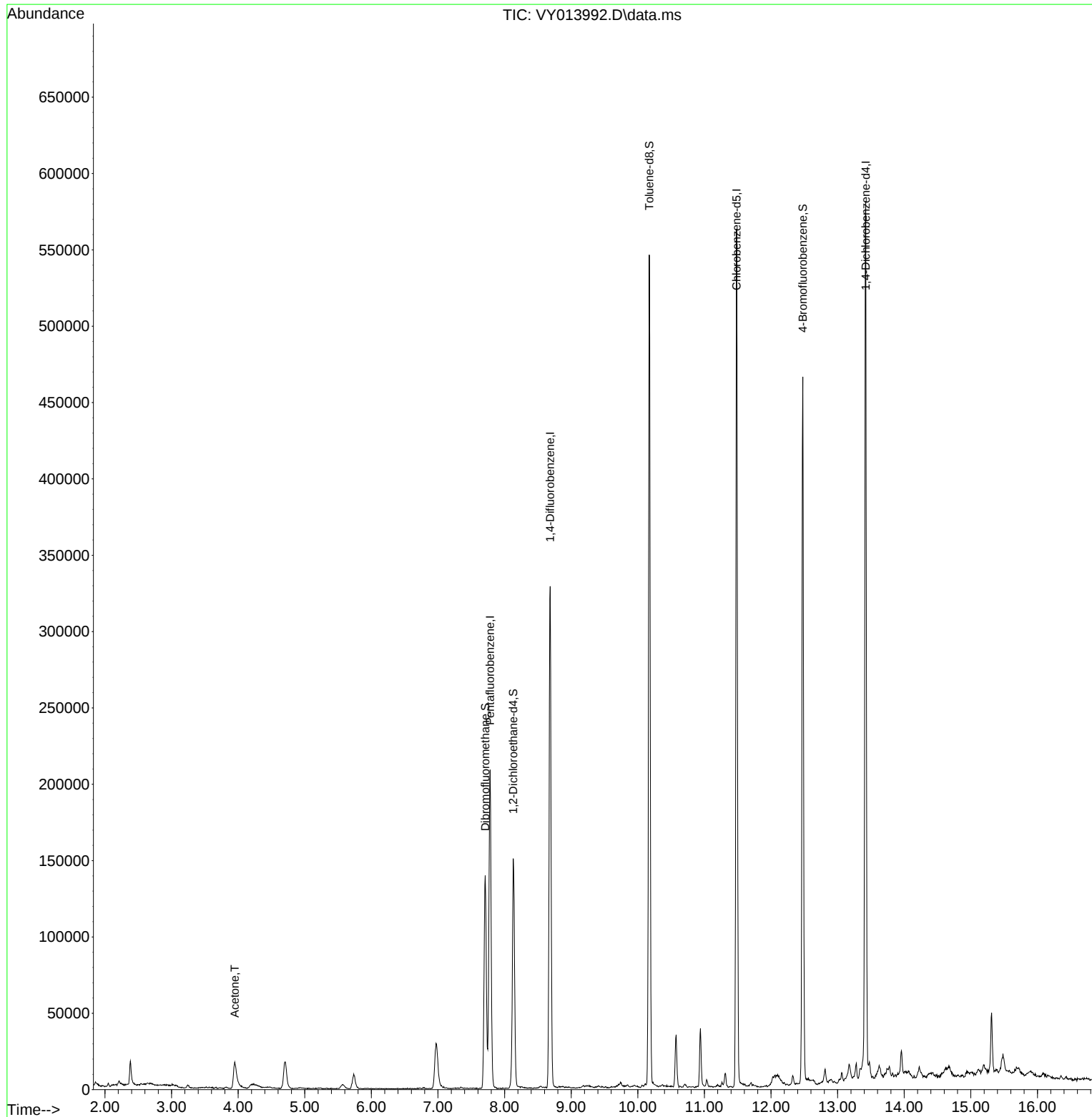
Internal Standards						
1) Pentafluorobenzene	7.783	168	159825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	287125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	121259	57.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.620%	
35) Dibromofluoromethane	7.710	113	95447	54.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.560%	
50) Toluene-d8	10.173	98	344111	51.779	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.477	95	127323	56.197	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.400%	
Target Compounds						
16) Acetone	3.948	43	39822	55.014	ug/l	Qvalue 97

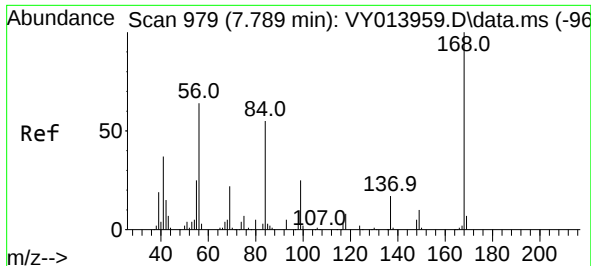
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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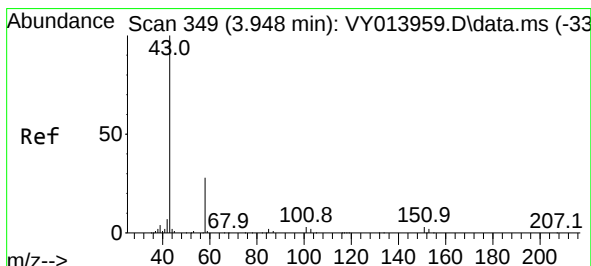
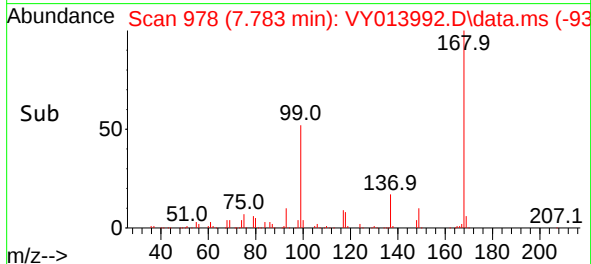
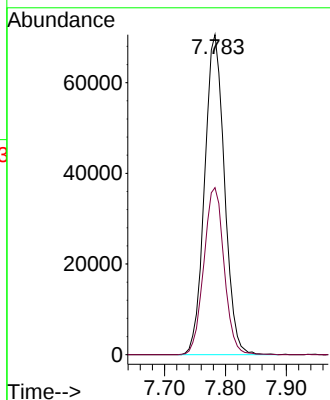
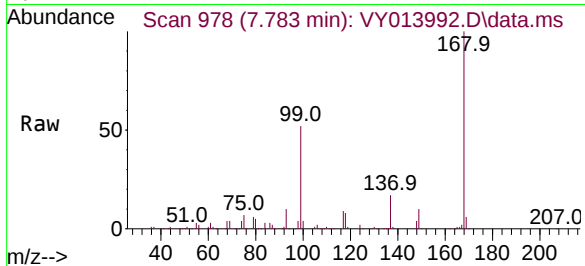




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

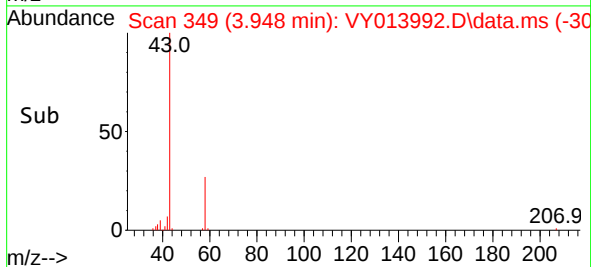
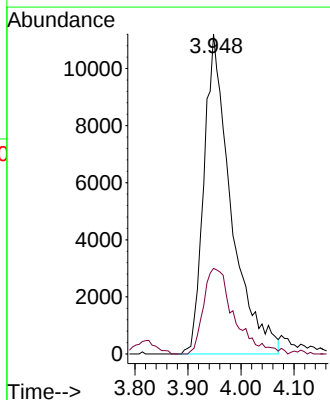
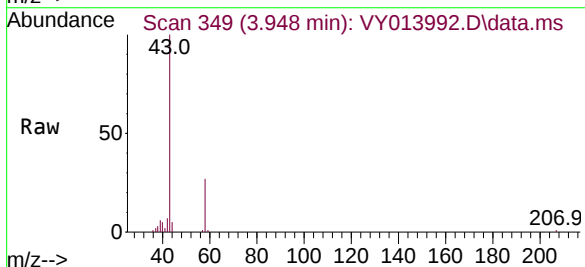
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-0A

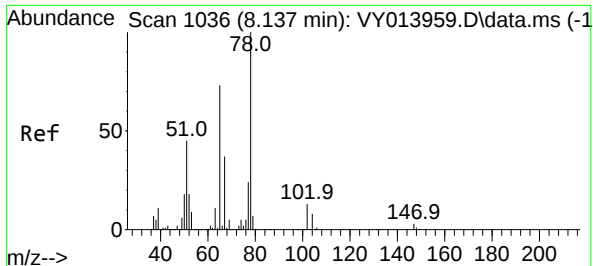
Tgt Ion:168 Resp: 159825
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#16
Acetone
Concen: 55.014 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion: 43 Resp: 39822
Ion Ratio Lower Upper
43 100
58 26.7 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 57.314 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013992.D

Acq: 02 Jun 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

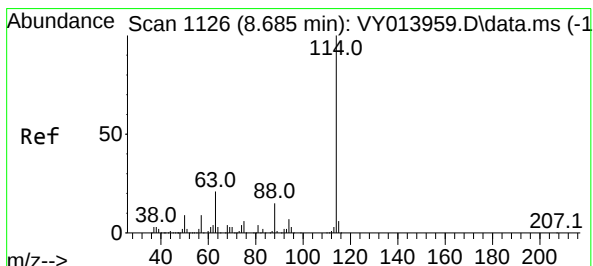
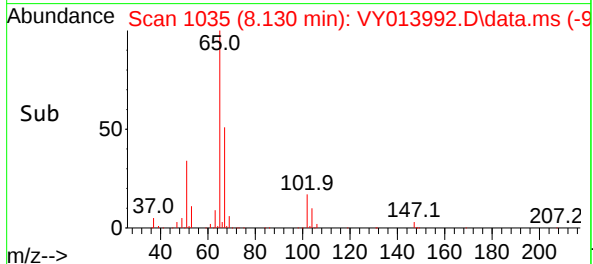
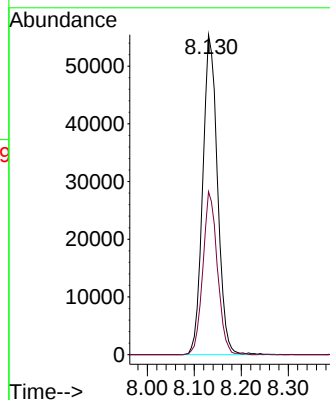
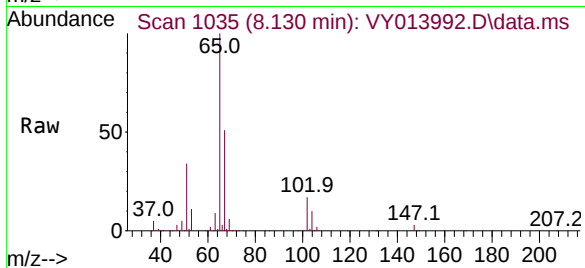
TP-18-0A

Tgt Ion: 65 Resp: 121259

Ion Ratio Lower Upper

65 100

67 50.1 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: VY013992.D

Acq: 02 Jun 2023 16:07

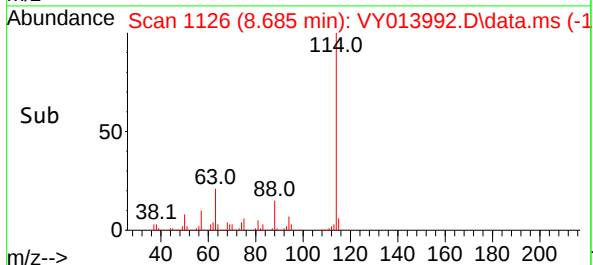
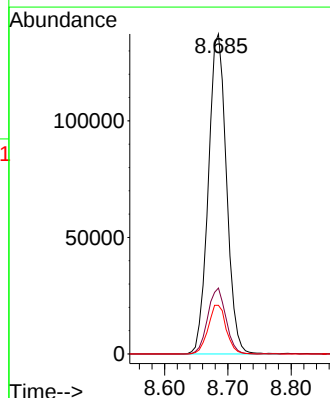
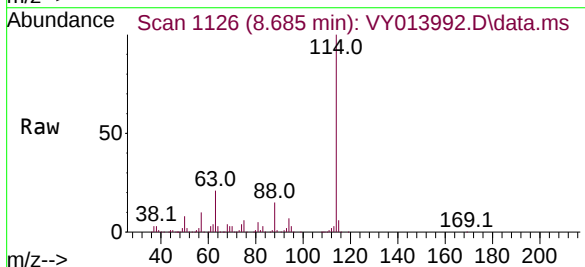
Tgt Ion:114 Resp: 274151

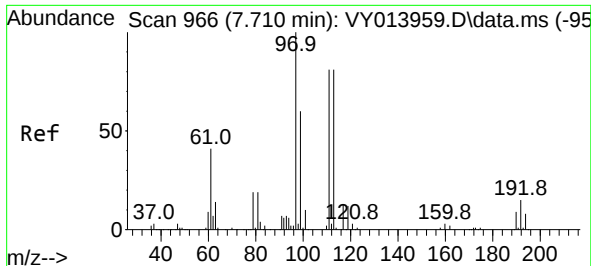
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.2 0.0 30.6

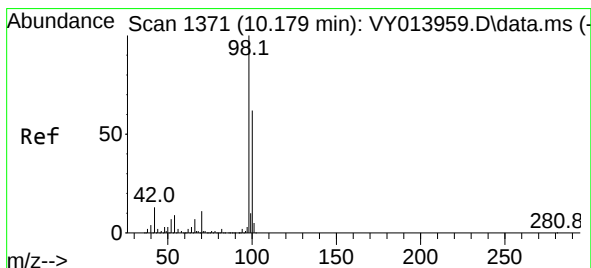
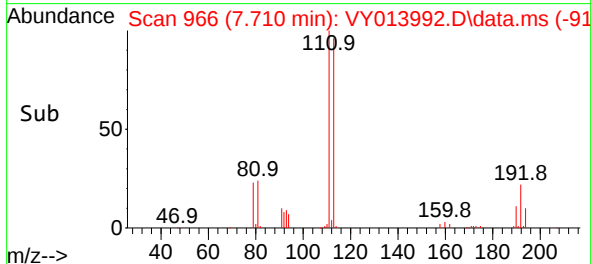
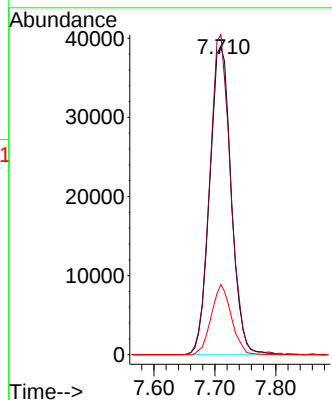
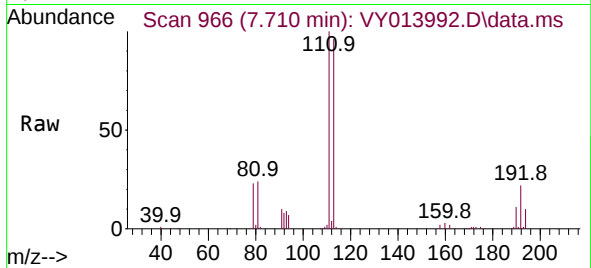




#35
Dibromofluoromethane
Concen: 54.783 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

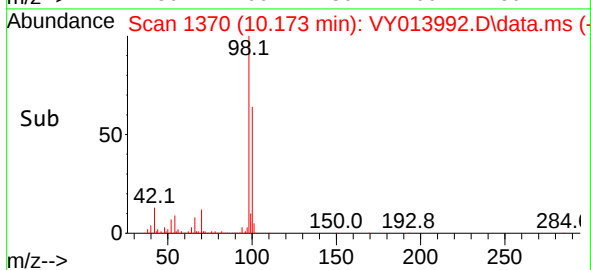
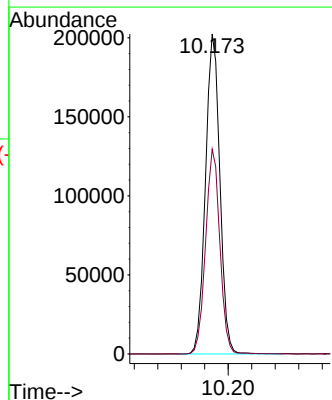
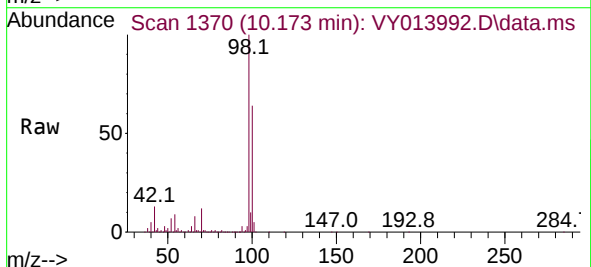
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-0A

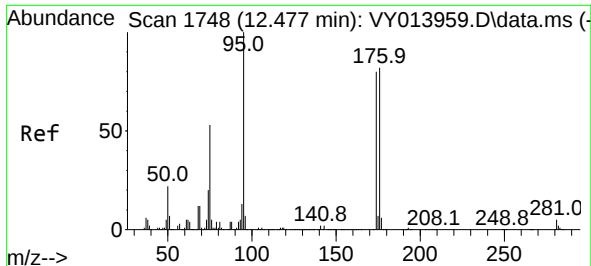
Tgt Ion:113 Resp: 95447
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 21.4 16.9 25.3



#50
Toluene-d8
Concen: 51.779 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion: 98 Resp: 344111
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1

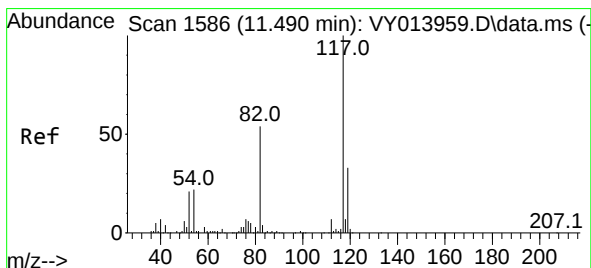
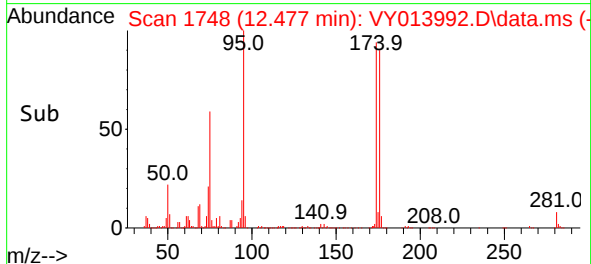
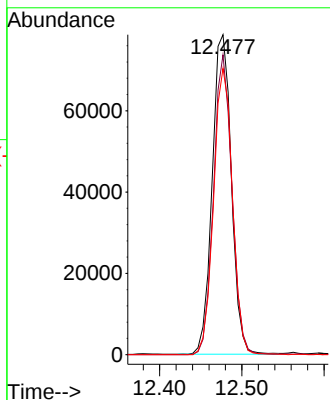
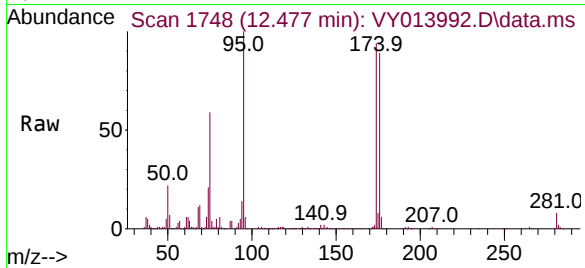




#62
4-Bromofluorobenzene
Concen: 56.197 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

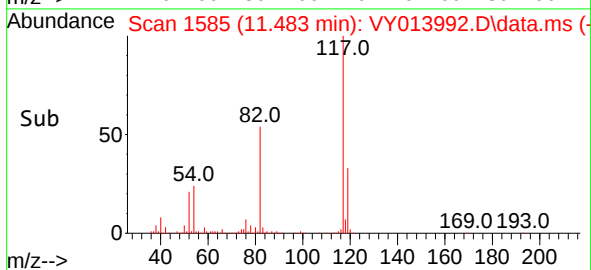
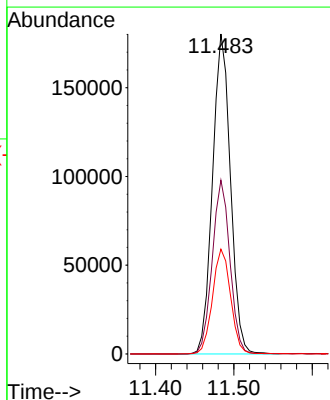
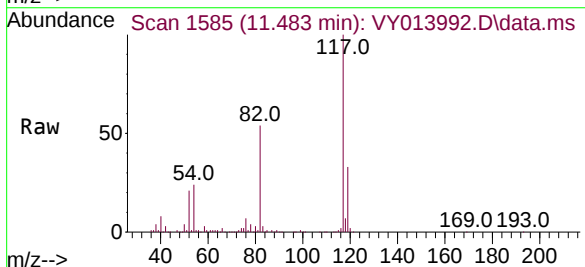
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-0A

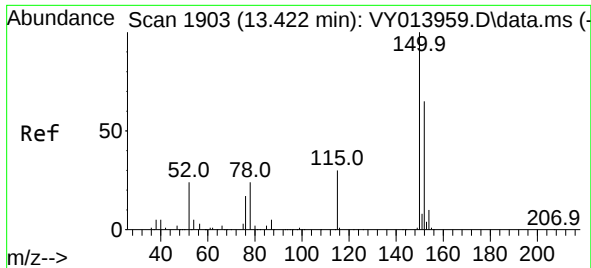
Tgt Ion: 95 Resp: 127323
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 88.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion: 117 Resp: 287125
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.8 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: VY013992.D
 Acq: 02 Jun 2023 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-18-0A

Tgt Ion:152 Resp: 145385
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.8 86.5
 150 157.2 0.0 348.8

