

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014912.D
 Acq On : 28 Jul 2023 16:32
 Operator : SY/MD
 Sample : 03812-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jul 29 03:08:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

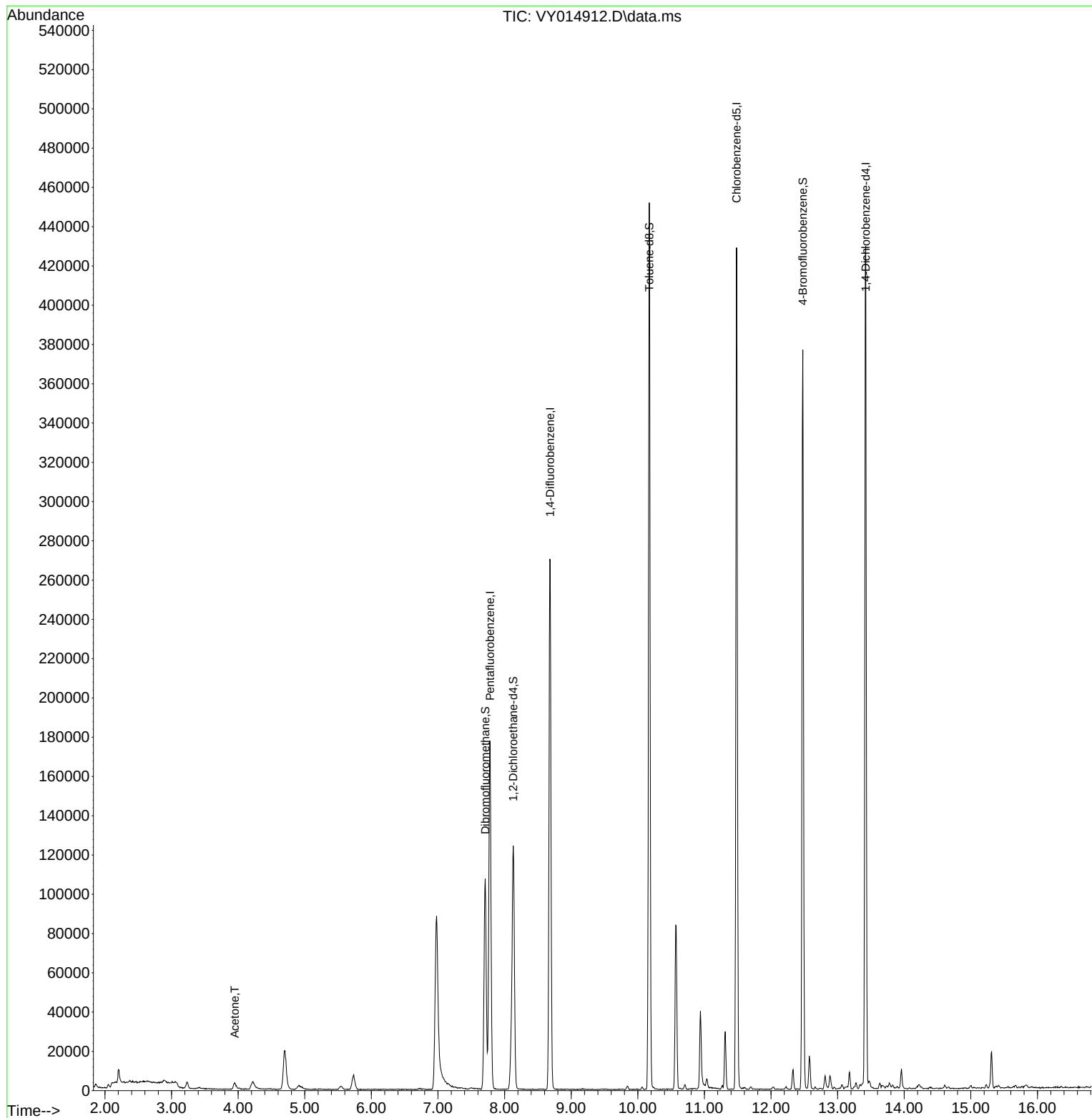
Internal Standards						
1) Pentafluorobenzene	7.783	168	136179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	230892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87699	56.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.020%
35) Dibromofluoromethane	7.710	113	74889	49.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.172	98	284952	50.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.477	95	105042	48.655	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.300%
Target Compounds						
16) Acetone	3.948	43	6153	12.512	ug/l	Qvalue # 87

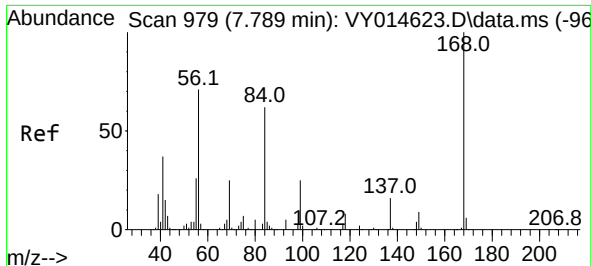
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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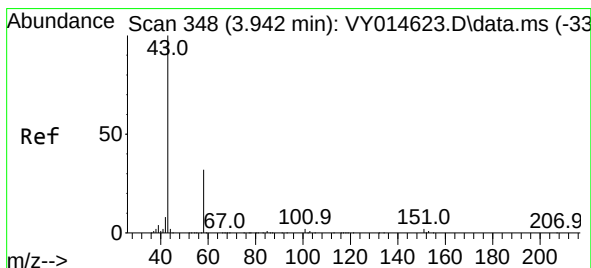
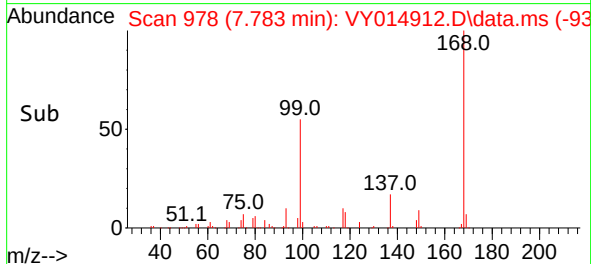
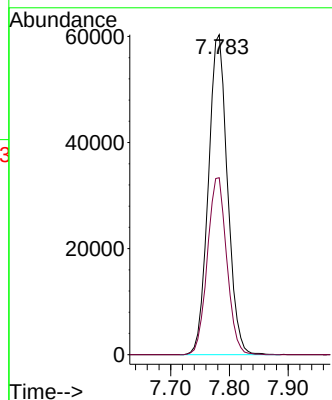
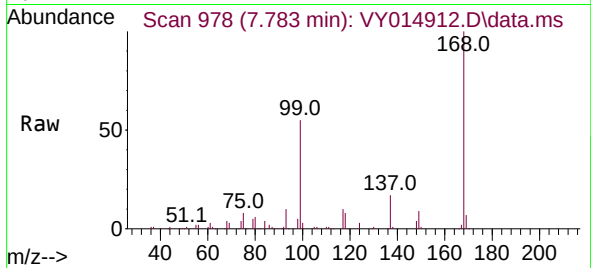




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

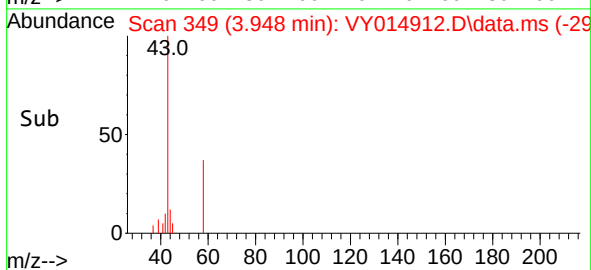
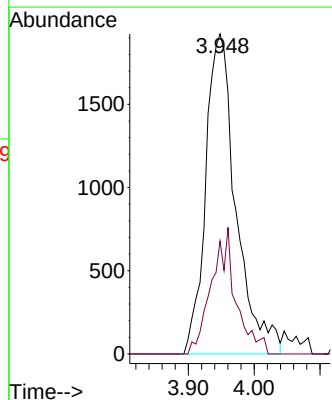
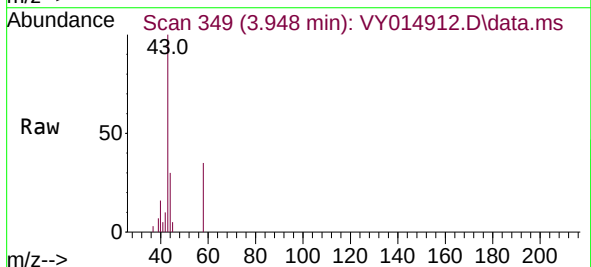
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

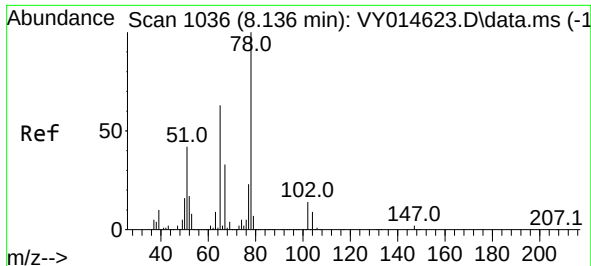
Tgt Ion:168 Resp: 136179
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#16
Acetone
Concen: 12.512 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

Tgt Ion: 43 Resp: 6153
Ion Ratio Lower Upper
43 100
58 35.3 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 56.514 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014912.D

Acq: 28 Jul 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

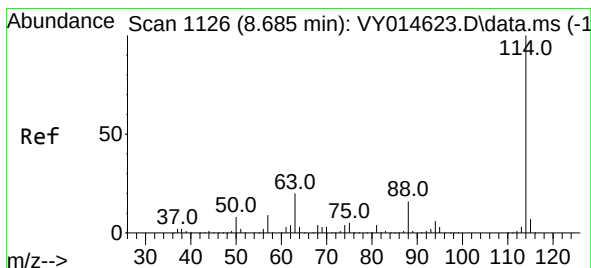
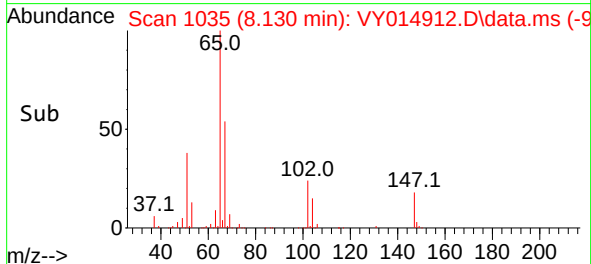
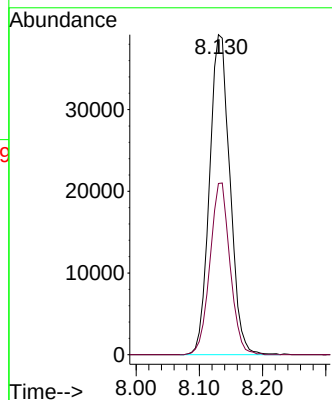
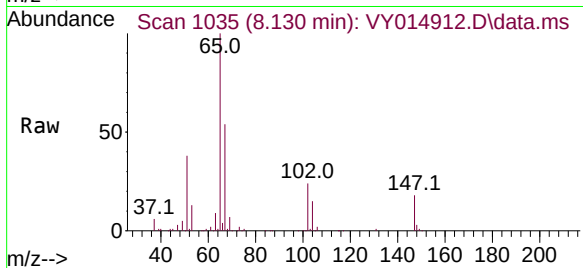
WC-1

Tgt Ion: 65 Resp: 87699

Ion Ratio Lower Upper

65 100

67 52.7 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: VY014912.D

Acq: 28 Jul 2023 16:32

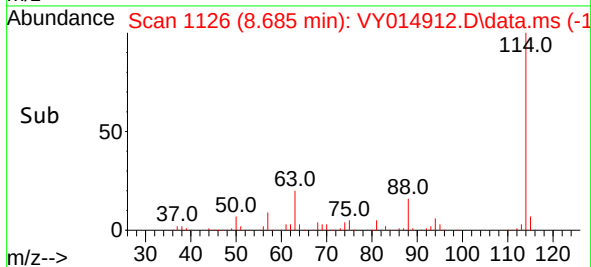
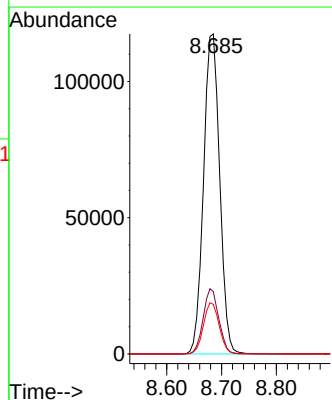
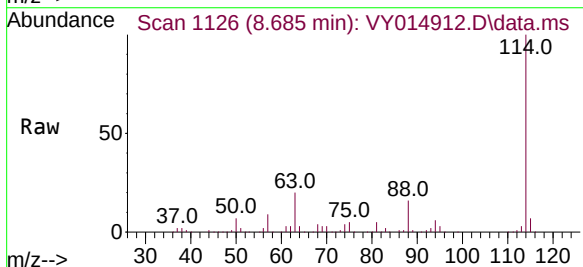
Tgt Ion: 114 Resp: 239908

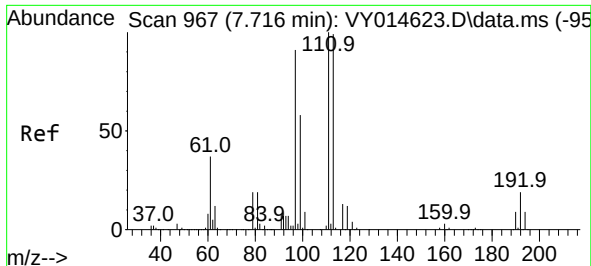
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.5 0.0 30.6

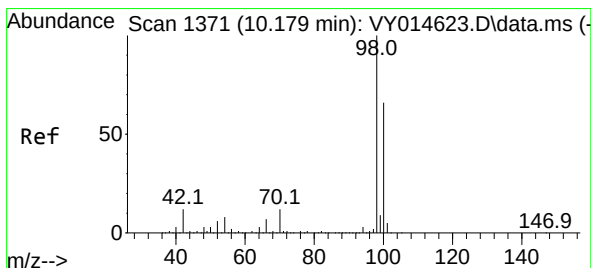
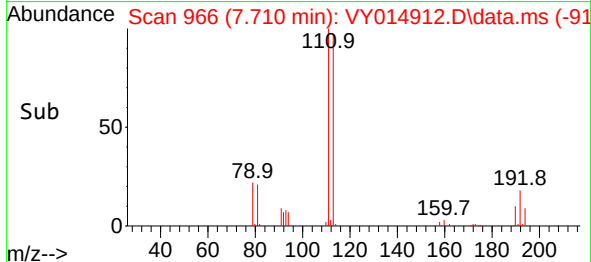
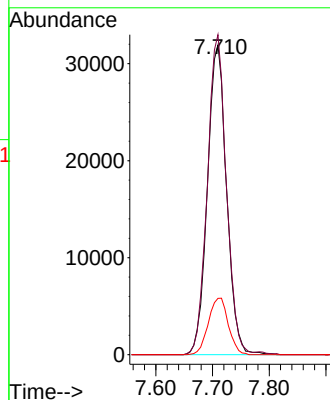
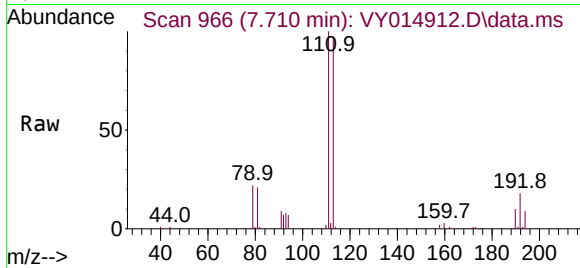




#35
Dibromofluoromethane
Concen: 49.037 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

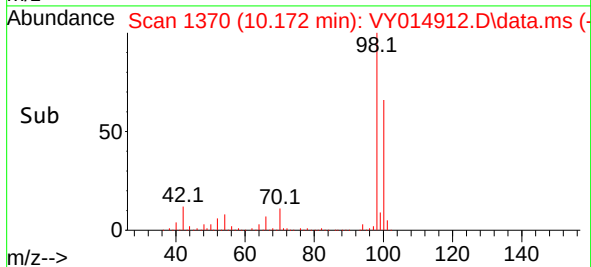
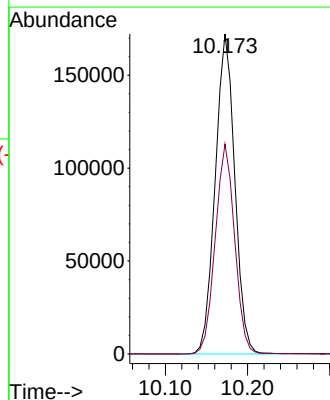
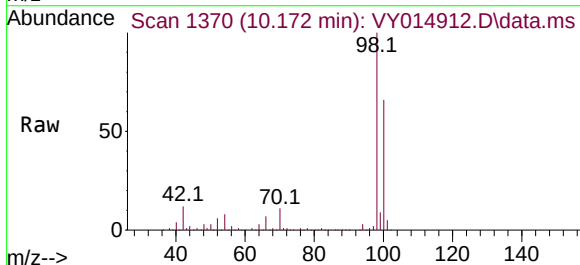
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

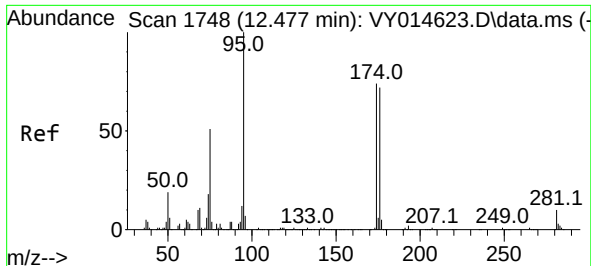
Tgt Ion:113 Resp: 74889
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 50.609 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

Tgt Ion: 98 Resp: 284952
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

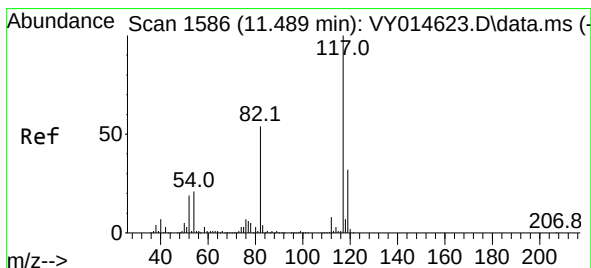
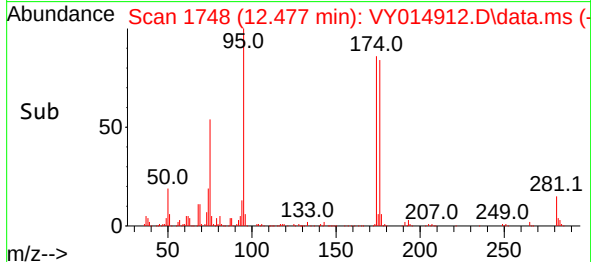
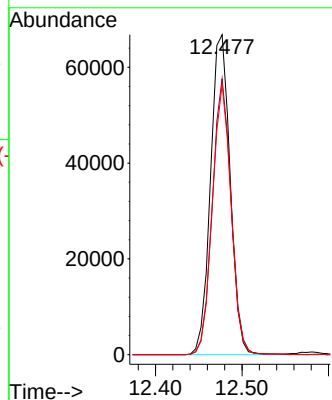
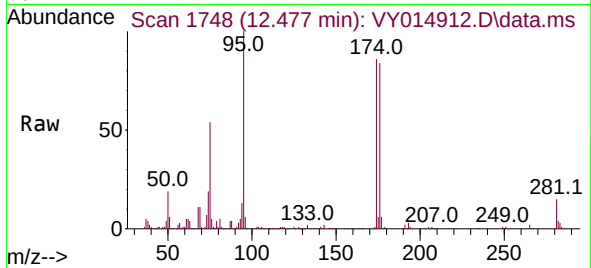




#62
4-Bromofluorobenzene
Concen: 48.655 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

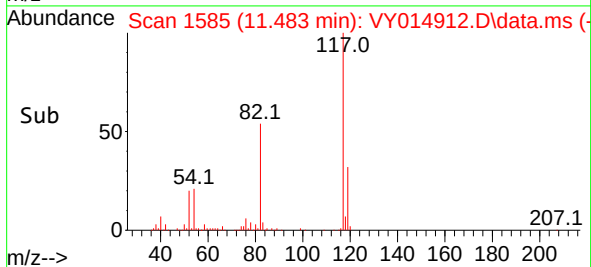
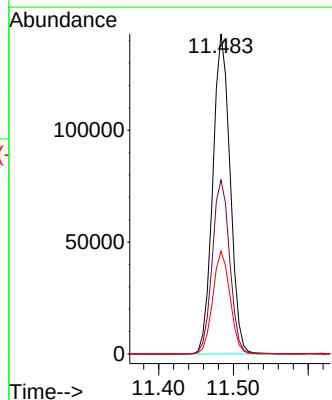
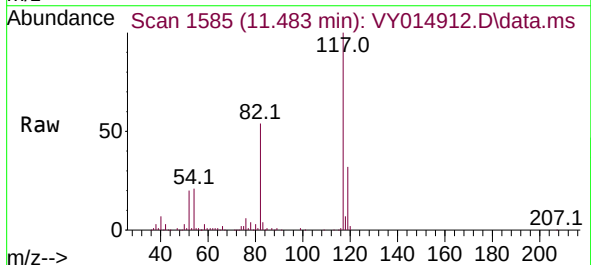
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

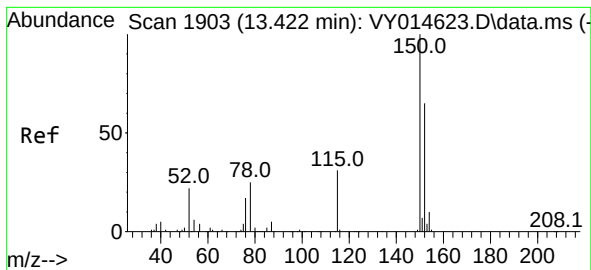
Tgt Ion: 95 Resp: 105042
Ion Ratio Lower Upper
95 100
174 82.6 0.0 178.2
176 80.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

Tgt Ion: 117 Resp: 230892
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.1 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: VY014912.D
 Acq: 28 Jul 2023 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Tgt Ion:152 Resp: 110606
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 155.5 0.0 348.8

