

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014652.D
 Acq On : 14 Jul 2023 17:03
 Operator : SY/MD
 Sample : 03632-02
 Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-(5-7)

Quant Time: Jul 14 23:13:07 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)

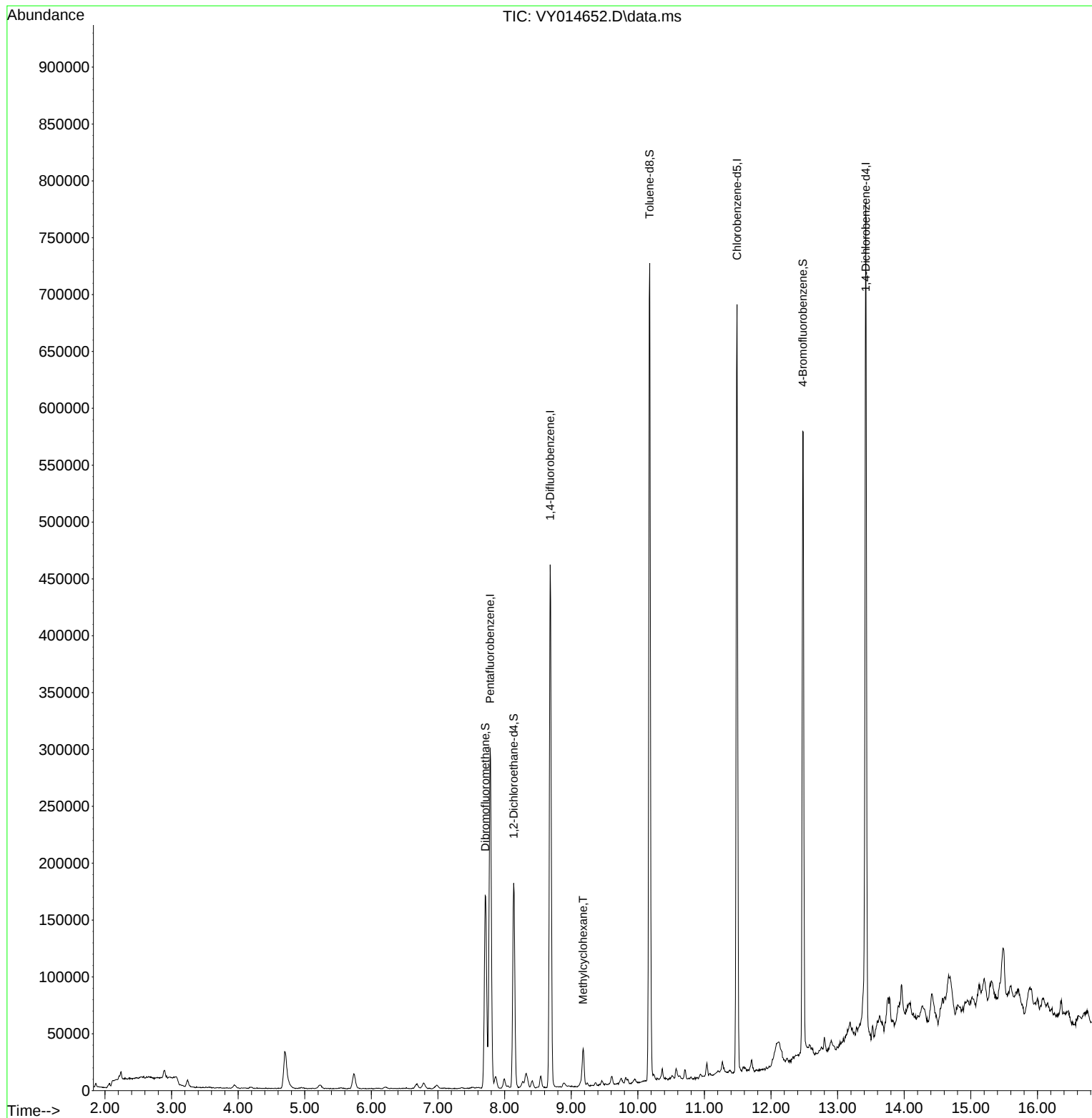
Internal Standards						
1) Pentafluorobenzene	7.783	168	227300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	398345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	365633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139589	53.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.780%	
35) Dibromofluoromethane	7.710	113	123882	48.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.700%	
50) Toluene-d8	10.179	98	469569	50.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	12.477	95	176456	49.225	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.440%	
Target Compounds						Qvalue
39) Methylcyclohexane	9.179	83	14540	2.943	ug/l	96

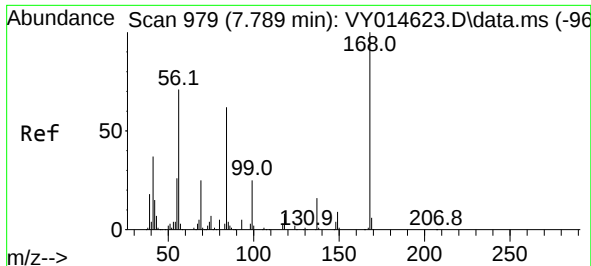
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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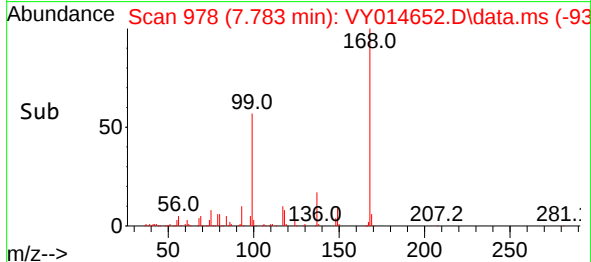
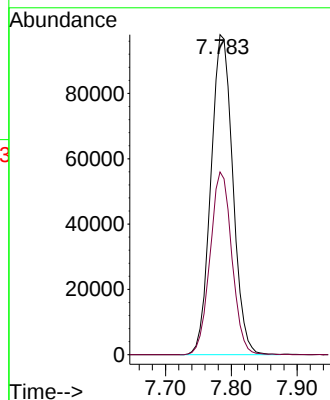
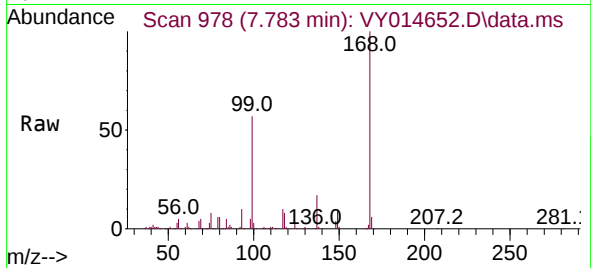




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014652.D
Acq: 14 Jul 2023 17:03

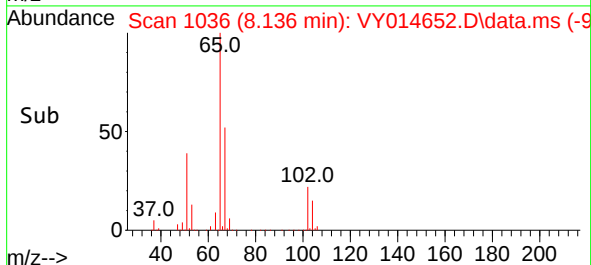
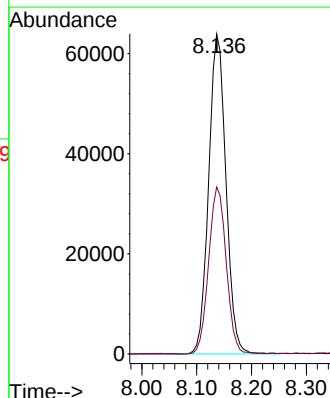
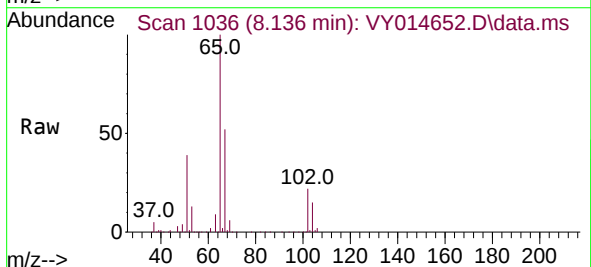
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-(5-7)

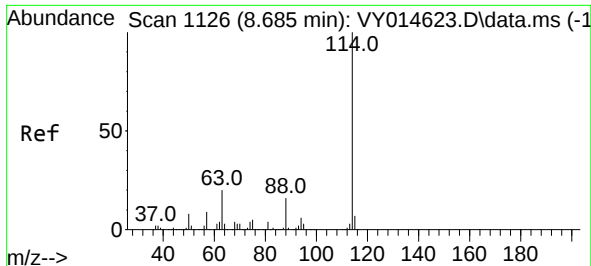
Tgt Ion:168 Resp: 227300
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.892 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014652.D
Acq: 14 Jul 2023 17:03

Tgt Ion: 65 Resp: 139589
Ion Ratio Lower Upper
65 100
67 53.1 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: VY014652.D

Acq: 14 Jul 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-(5-7)

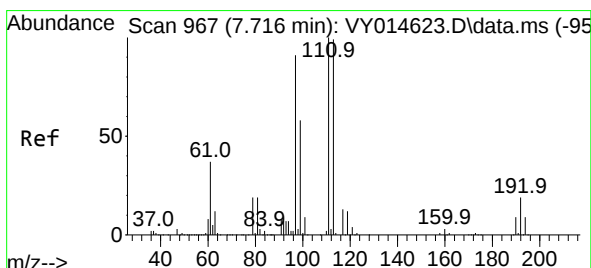
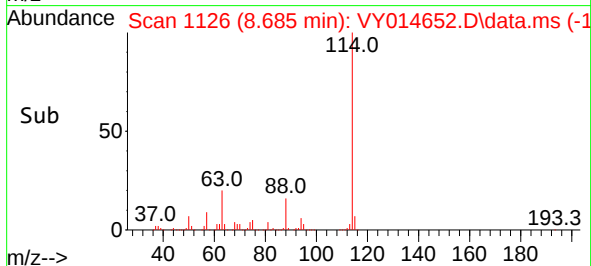
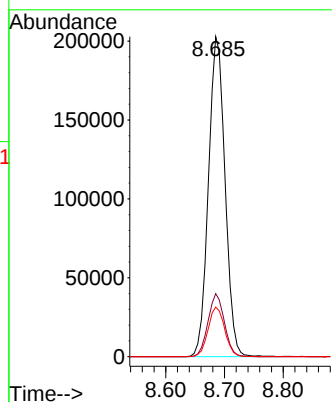
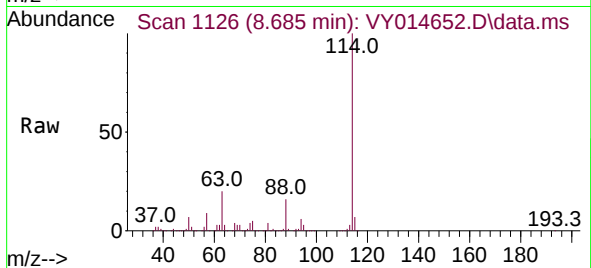
Tgt Ion:114 Resp: 398345

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.854 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014652.D

Acq: 14 Jul 2023 17:03

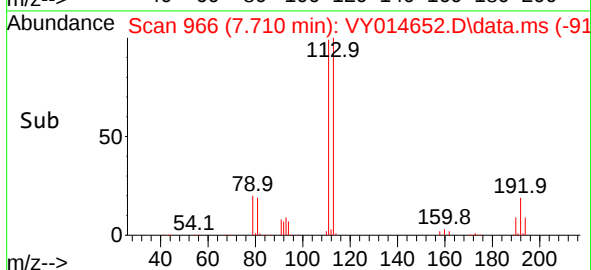
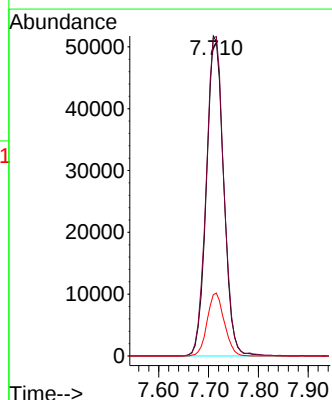
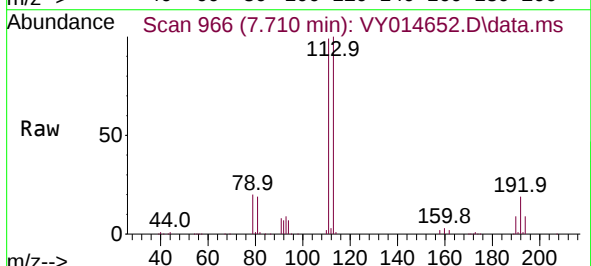
Tgt Ion:113 Resp: 123882

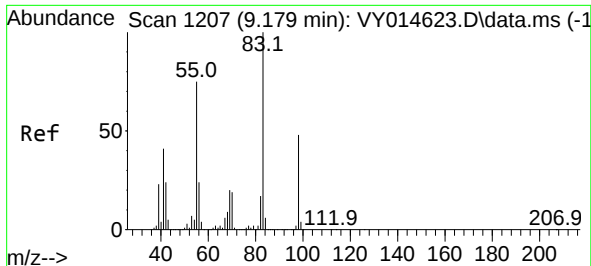
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 19.5 16.9 25.3

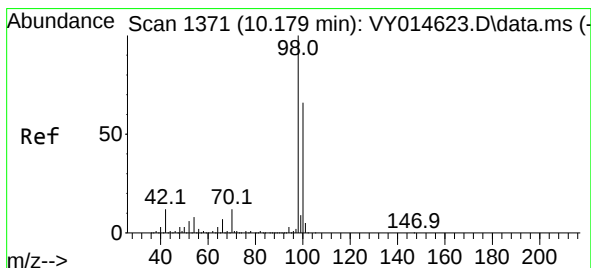
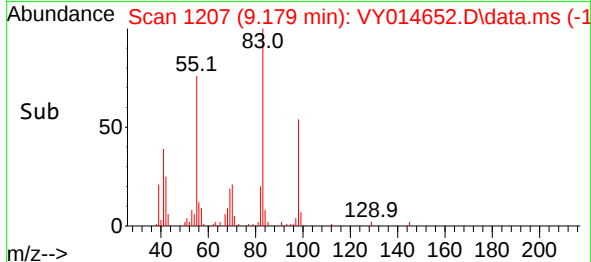
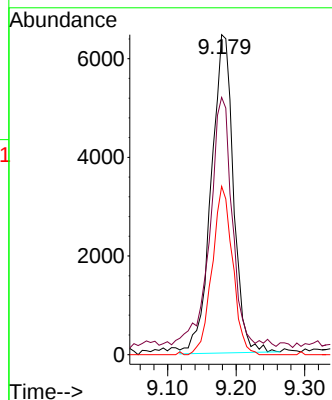
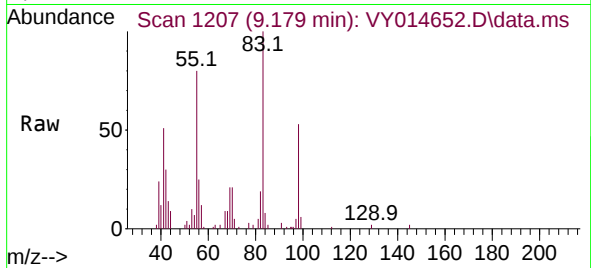




#39
Methylcyclohexane
Concen: 2.943 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014652.D
Acq: 14 Jul 2023 17:03

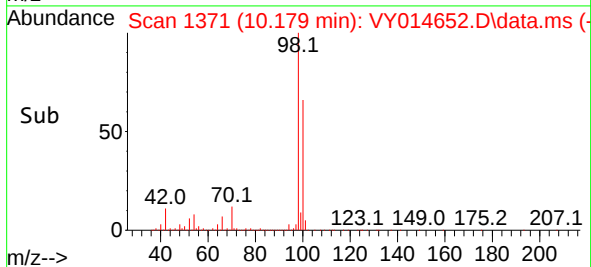
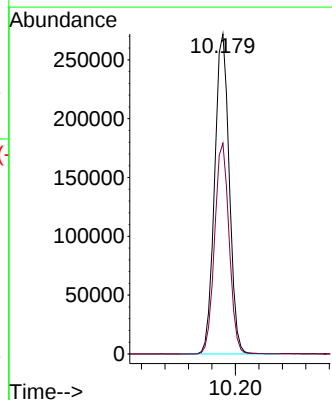
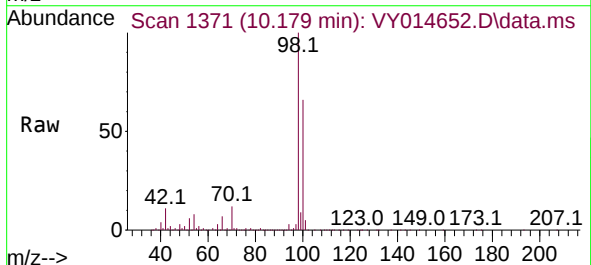
Instrument :
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SB-02-(5-7)

Tgt Ion: 83 Resp: 14540
Ion Ratio Lower Upper
83 100
55 77.4 63.0 94.4
98 53.1 37.4 56.2



#50
Toluene-d8
Concen: 50.228 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014652.D
Acq: 14 Jul 2023 17:03

Tgt Ion: 98 Resp: 469569
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

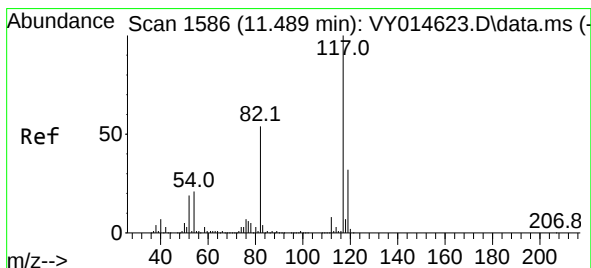
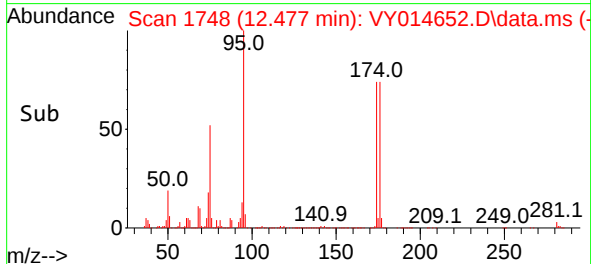
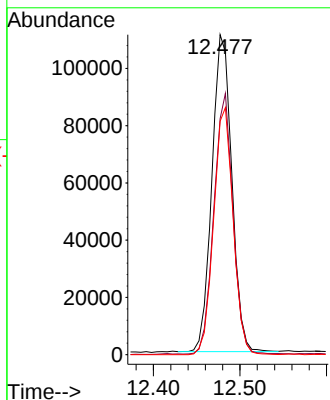
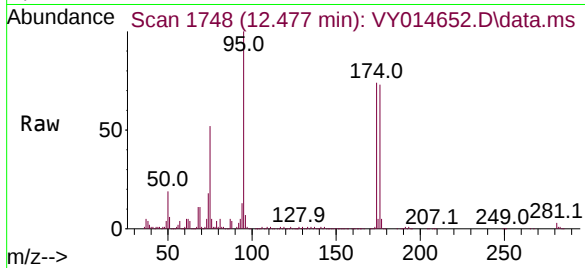




#62
4-Bromofluorobenzene
Concen: 49.225 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014652.D
Acq: 14 Jul 2023 17:03

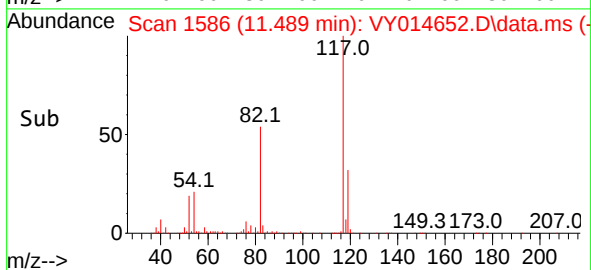
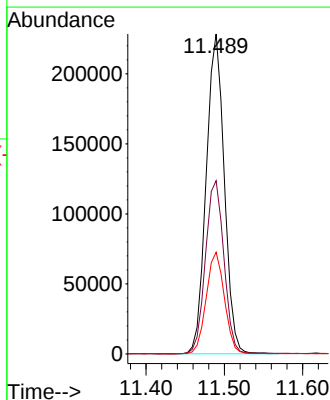
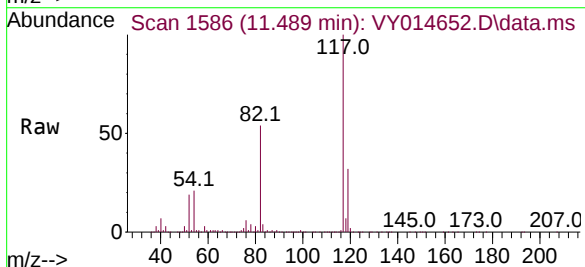
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-(5-7)

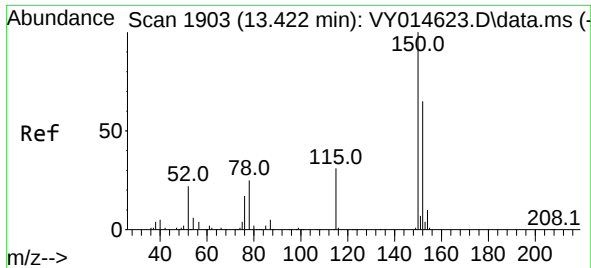
Tgt Ion: 95 Resp: 176456
Ion Ratio Lower Upper
95 100
174 79.0 0.0 178.2
176 76.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014652.D
Acq: 14 Jul 2023 17:03

Tgt Ion: 117 Resp: 365633
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 31.7 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: VY014652.D

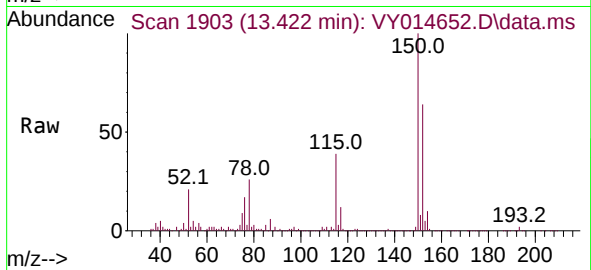
Acq: 14 Jul 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-(5-7)



Tgt Ion:152 Resp: 176177

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 156.2 0.0 348.8

