

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014679.D
 Acq On : 17 Jul 2023 17:54
 Operator : SY/MD
 Sample : 03631-05
 Misc : 6.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07(3-5)

Quant Time: Jul 18 06:12:38 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)

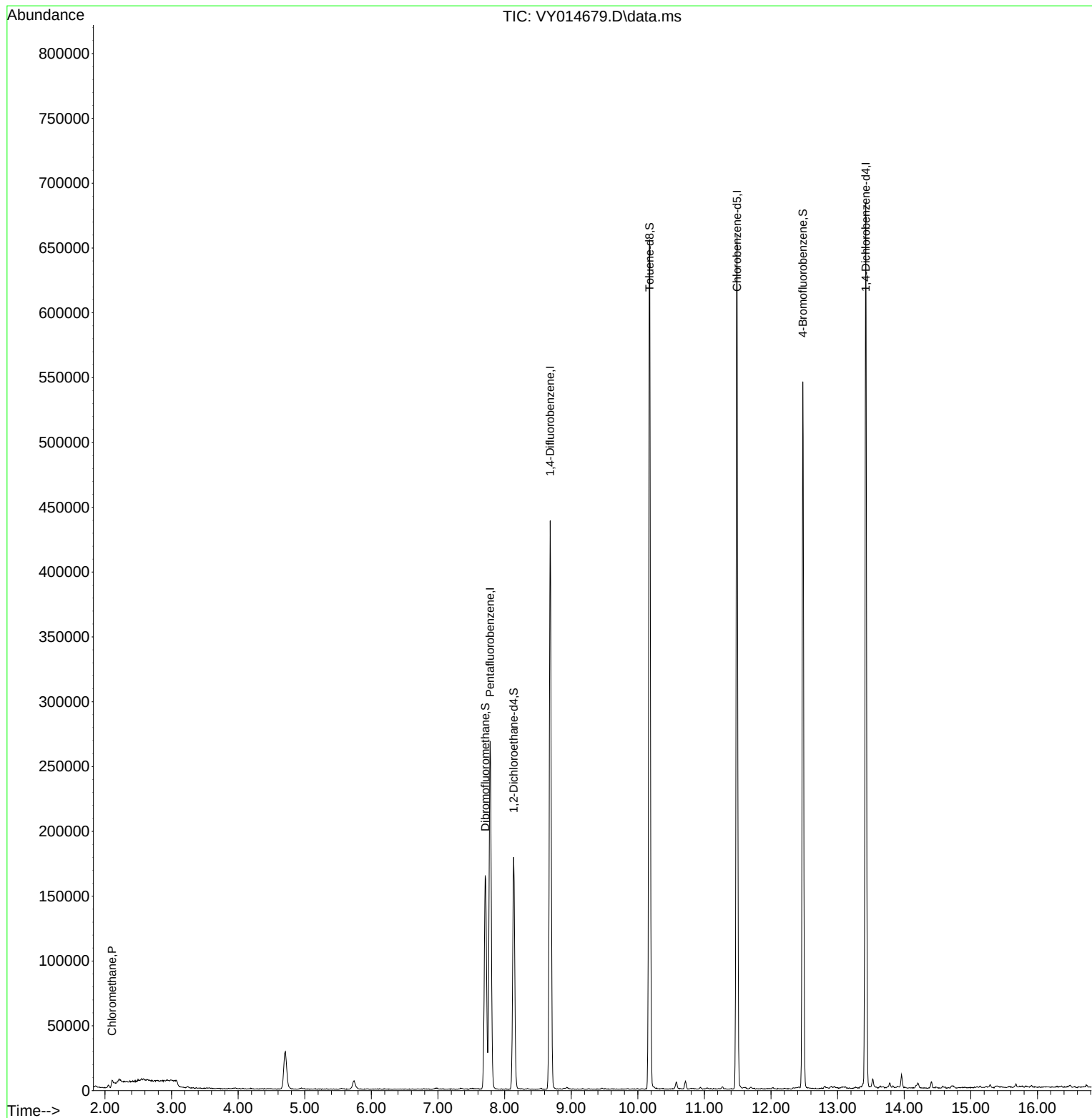
Internal Standards						
1) Pentafluorobenzene	7.783	168	212014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	353070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136010	56.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.600%
35) Dibromofluoromethane	7.710	113	120363	50.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.420%
50) Toluene-d8	10.179	98	441396	50.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.477	95	169693	50.576	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	2605	1.342	ug/l	89

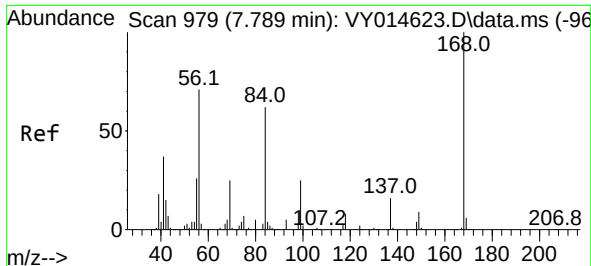
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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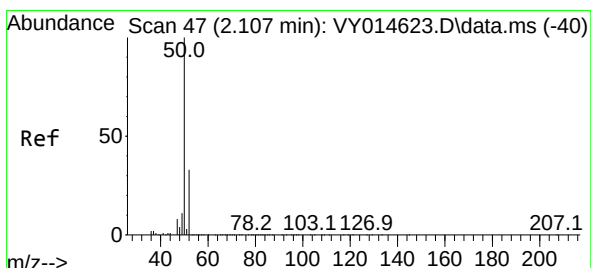
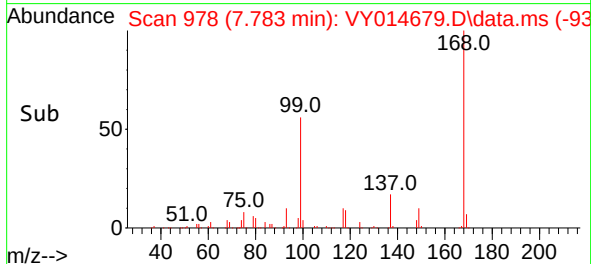
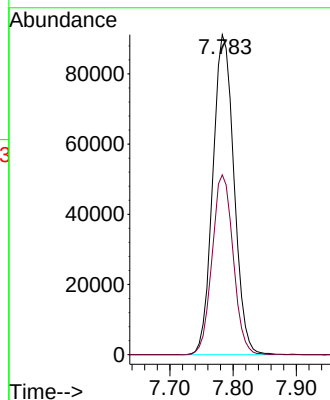
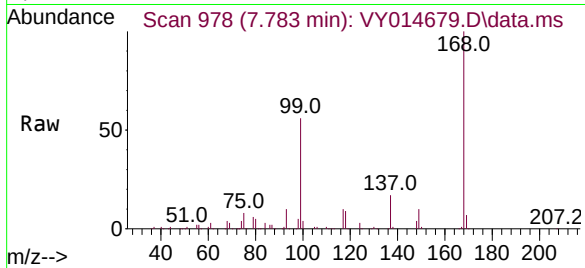




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014679.D
Acq: 17 Jul 2023 17:54

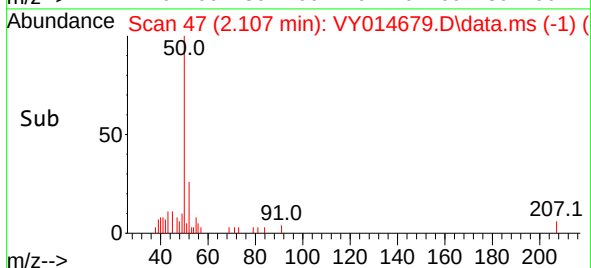
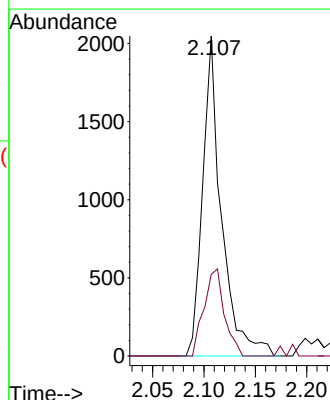
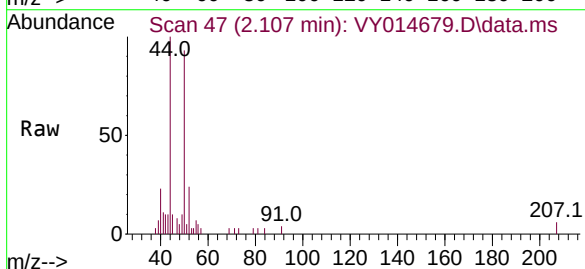
Instrument :
MSVOA_Y
ClientSampleId :
SB-07(3-5)

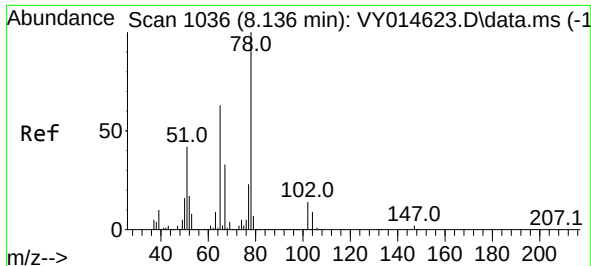
Tgt Ion:168 Resp: 212014
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#3
Chloromethane
Concen: 1.342 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY014679.D
Acq: 17 Jul 2023 17:54

Tgt Ion: 50 Resp: 2605
Ion Ratio Lower Upper
50 100
52 25.5 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 56.296 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014679.D

Acq: 17 Jul 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

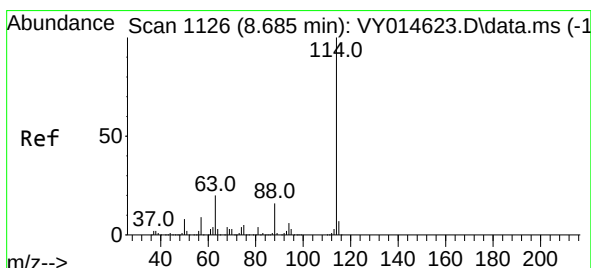
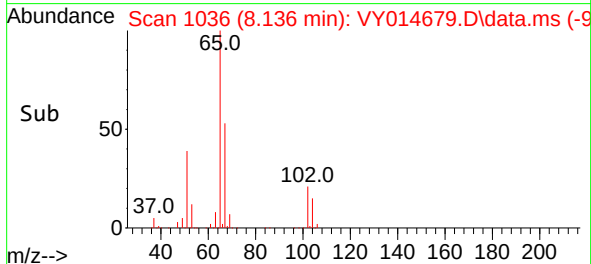
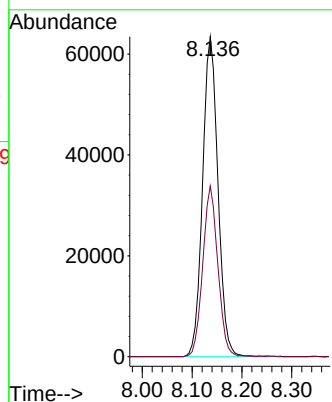
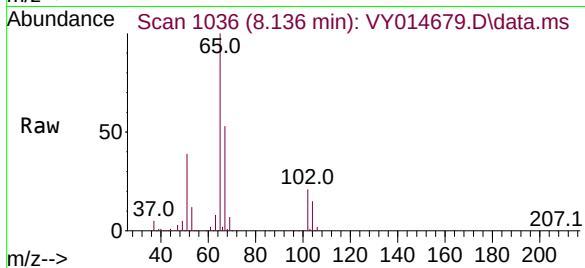
SB-07(3-5)

Tgt Ion: 65 Resp: 136010

Ion Ratio Lower Upper

65 100

67 52.3 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: VY014679.D

Acq: 17 Jul 2023 17:54

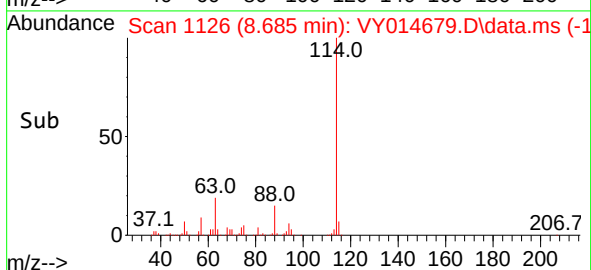
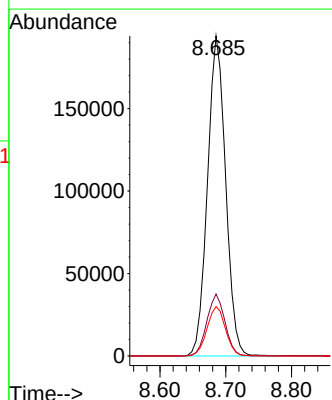
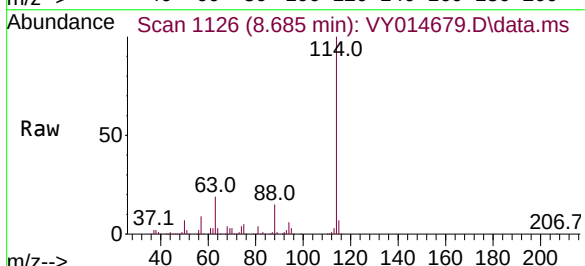
Tgt Ion: 114 Resp: 372842

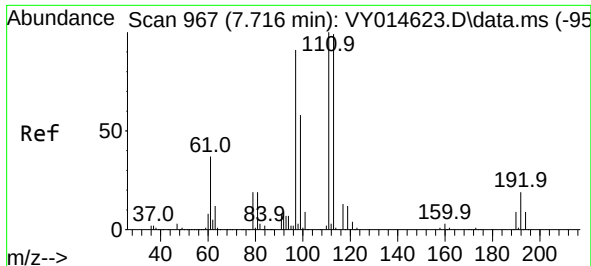
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.4 0.0 30.6

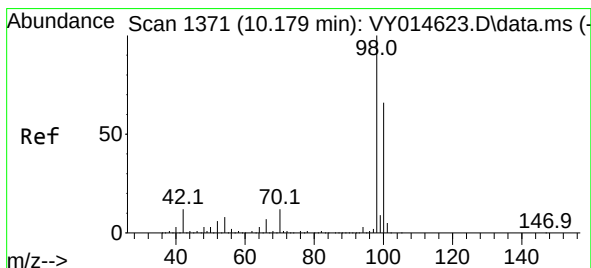
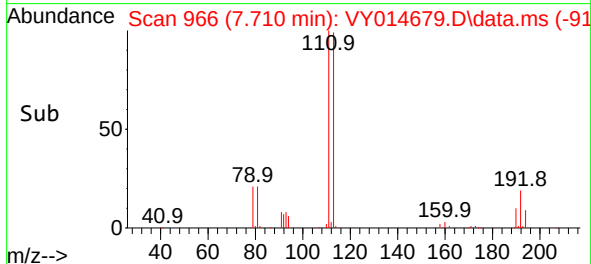
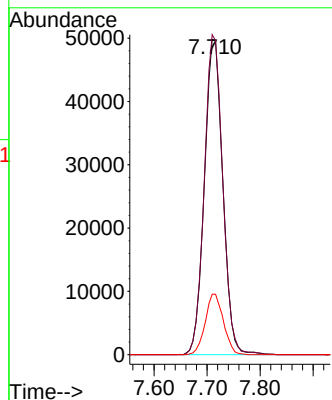
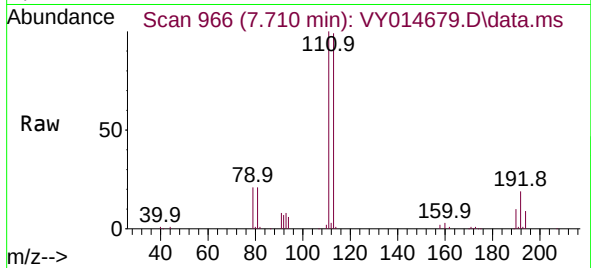




#35
Dibromofluoromethane
Concen: 50.713 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014679.D
Acq: 17 Jul 2023 17:54

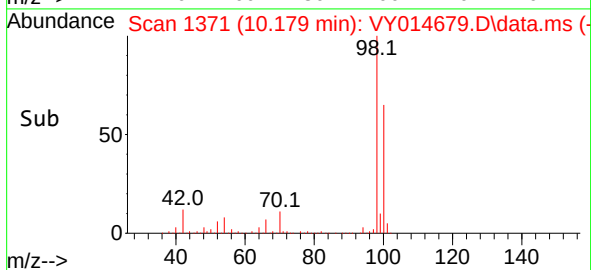
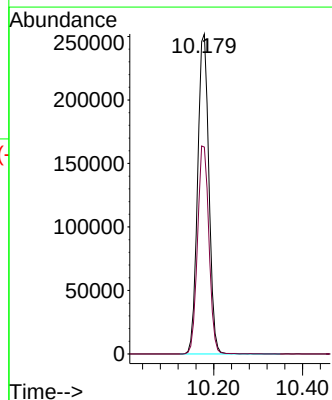
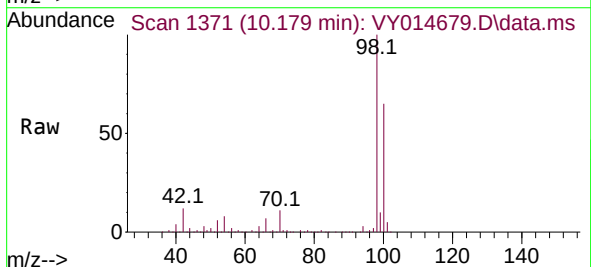
Instrument :
MSVOA_Y
ClientSampleId :
SB-07(3-5)

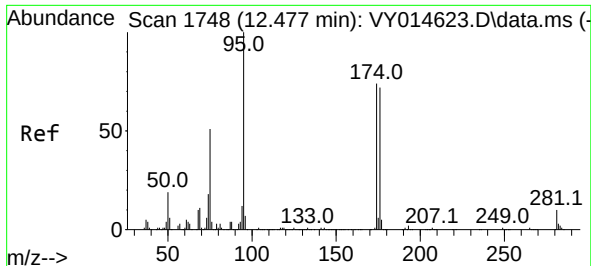
Tgt Ion:113 Resp: 120363
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 18.9 16.9 25.3



#50
Toluene-d8
Concen: 50.444 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014679.D
Acq: 17 Jul 2023 17:54

Tgt Ion: 98 Resp: 441396
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

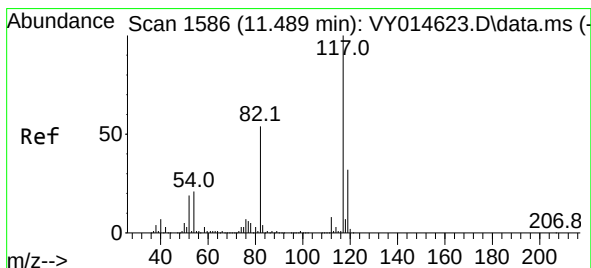
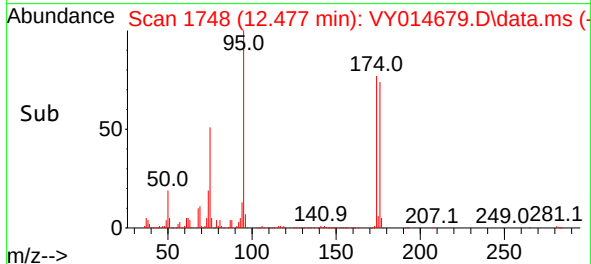
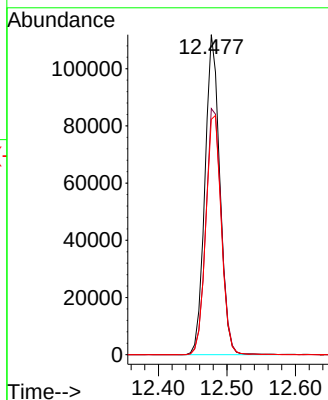
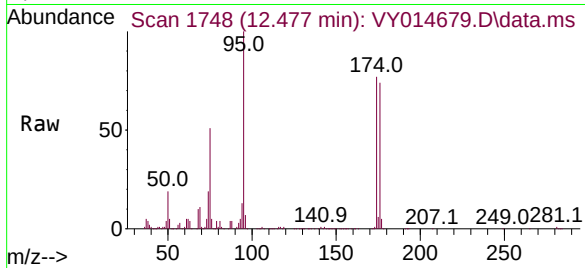




#62
4-Bromofluorobenzene
Concen: 50.576 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014679.D
Acq: 17 Jul 2023 17:54

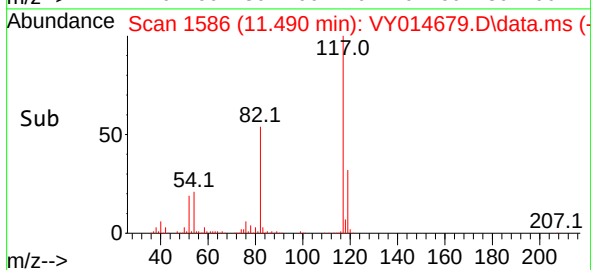
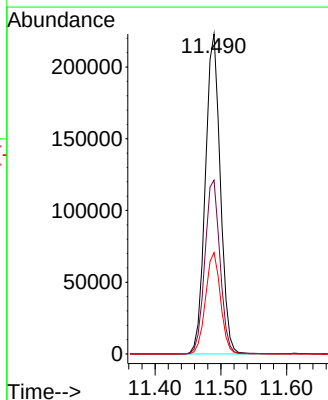
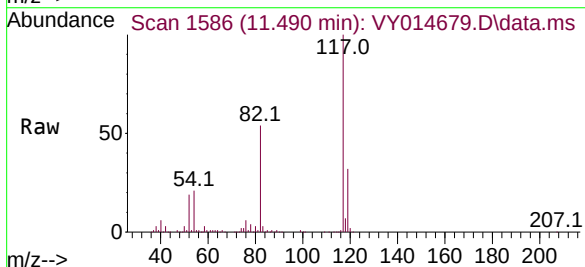
Instrument :
MSVOA_Y
ClientSampleId :
SB-07(3-5)

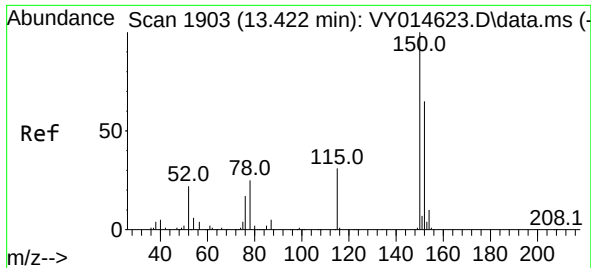
Tgt Ion: 95 Resp: 169693
Ion Ratio Lower Upper
95 100
174 80.0 0.0 178.2
176 77.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014679.D
Acq: 17 Jul 2023 17:54

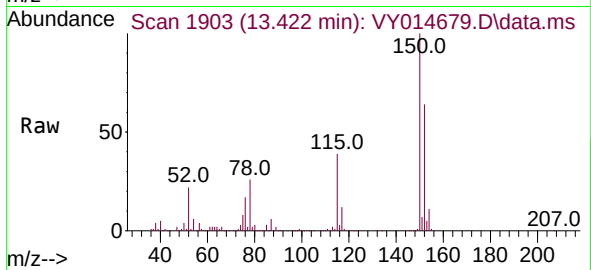
Tgt Ion: 117 Resp: 353070
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014679.D
 Acq: 17 Jul 2023 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07(3-5)



Tgt Ion:152 Resp: 169405
 Ion Ratio Lower Upper
 152 100
 115 60.4 28.8 86.5
 150 158.5 0.0 348.8

