

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014678.D
 Acq On : 17 Jul 2023 17:30
 Operator : SY/MD
 Sample : 03631-04
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04(2-4)

Quant Time: Jul 18 06:12:20 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)

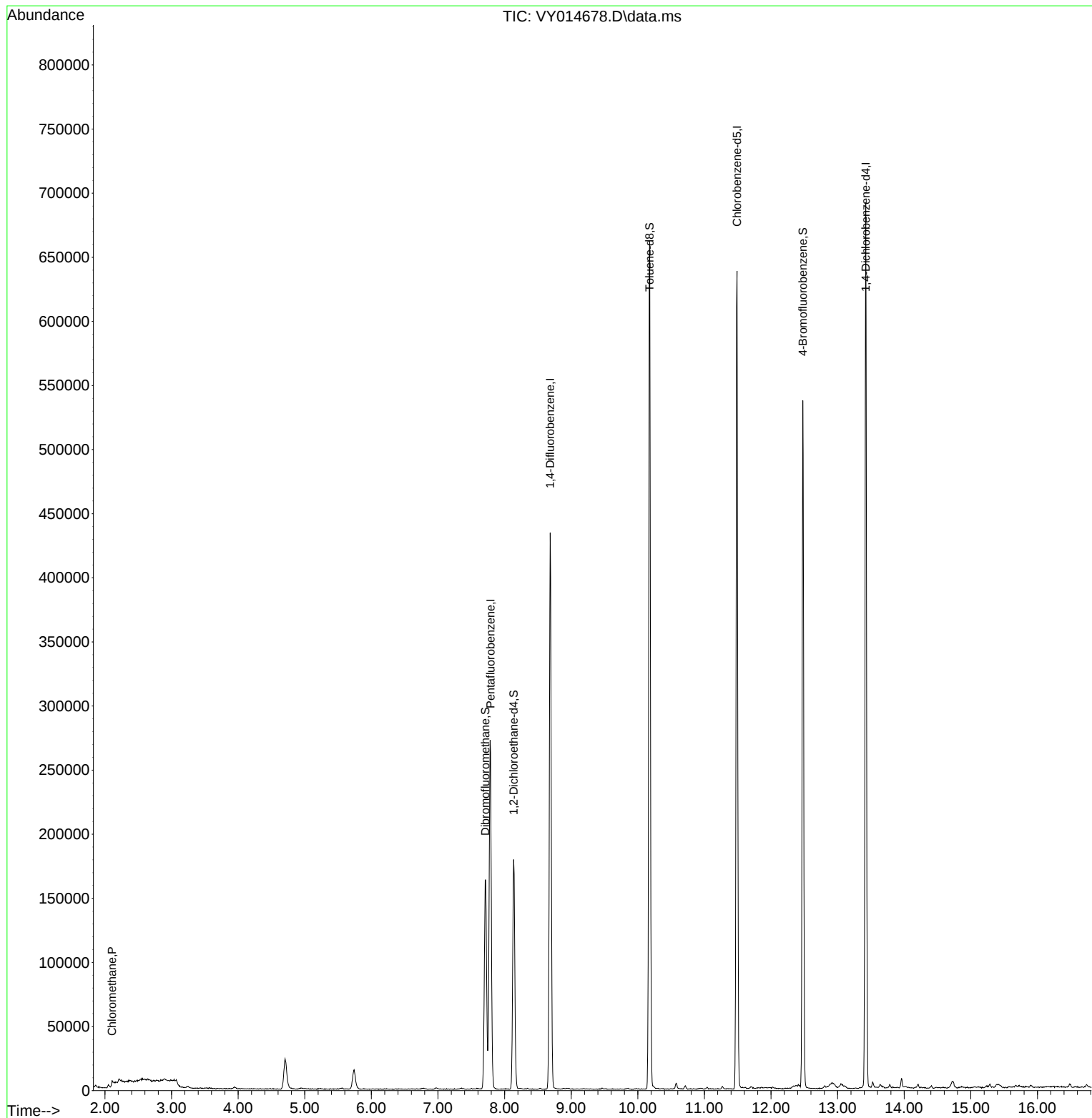
Internal Standards						
1) Pentafluorobenzene	7.789	168	211735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140201	58.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.220%	
35) Dibromofluoromethane	7.710	113	118095	50.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.340%	
50) Toluene-d8	10.179	98	441186	50.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.477	95	169373	50.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.800%	
Target Compounds						
3) Chloromethane	2.107	50	2608	1.345	ug/l	Qvalue 94

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

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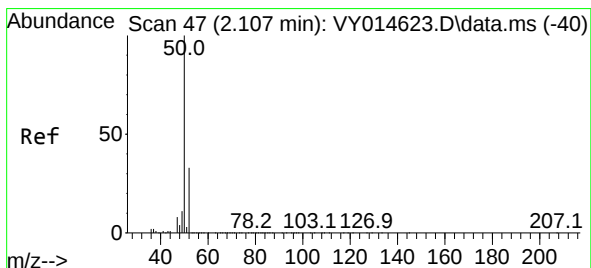
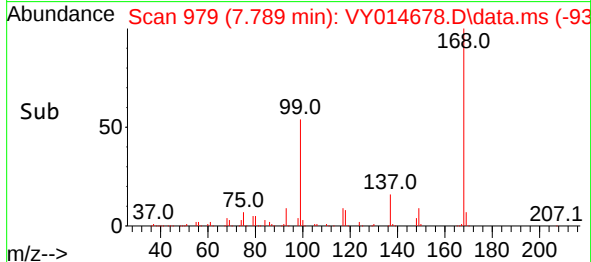
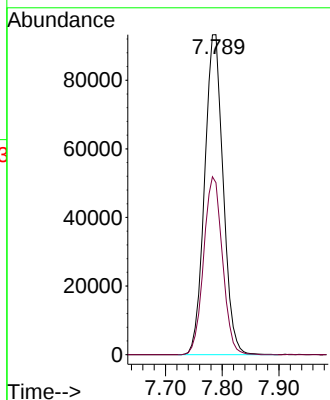
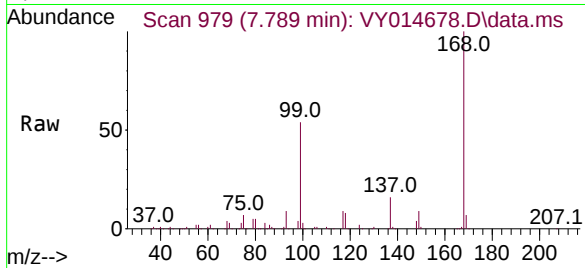




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

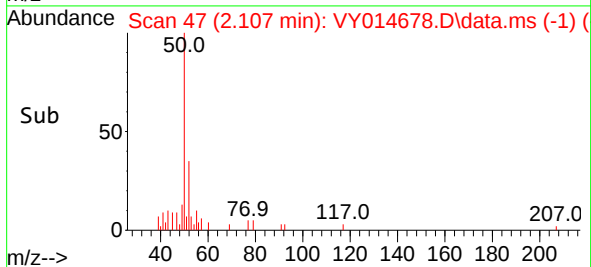
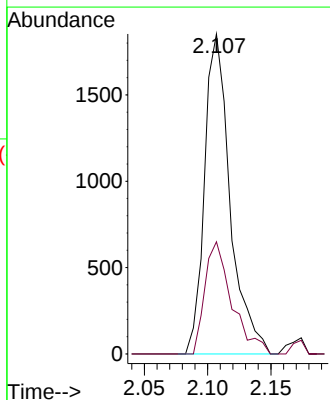
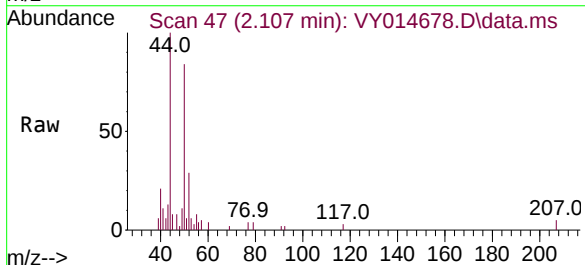
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(2-4)

Tgt Ion:168 Resp: 211735
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#3
Chloromethane
Concen: 1.345 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

Tgt Ion: 50 Resp: 2608
Ion Ratio Lower Upper
50 100
52 35.0 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 58.107 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014678.D

Acq: 17 Jul 2023 17:30

Instrument :

MSVOA_Y

ClientSampleId :

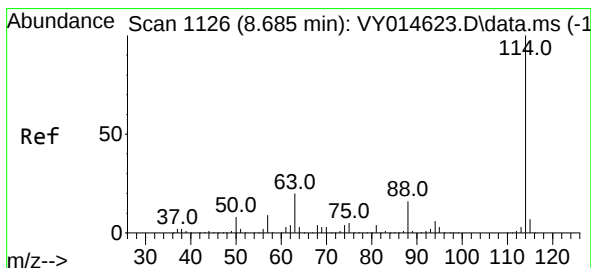
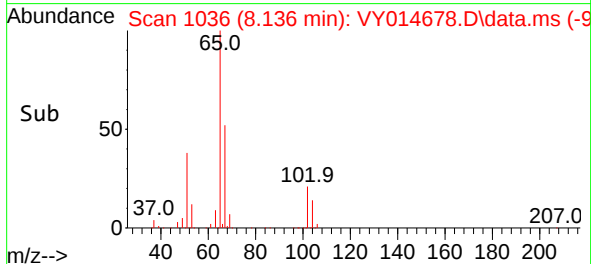
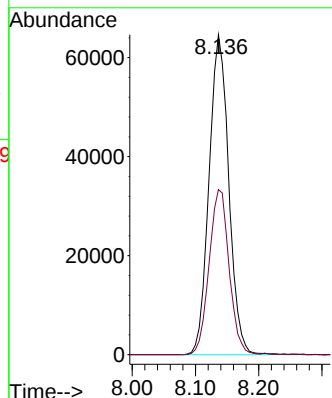
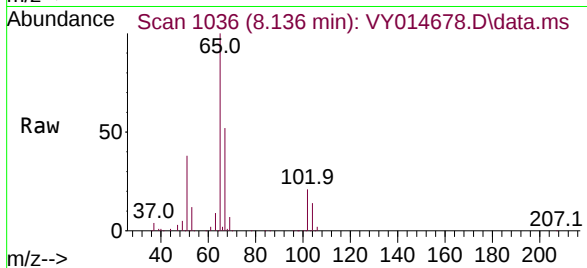
SB-04(2-4)

Tgt Ion: 65 Resp: 140201

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: VY014678.D

Acq: 17 Jul 2023 17:30

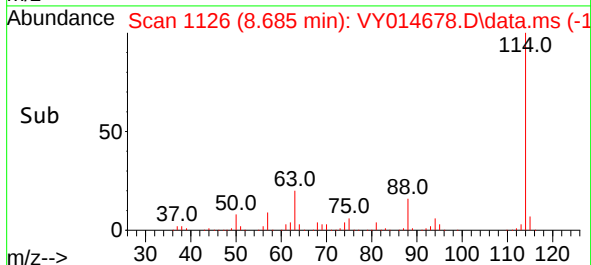
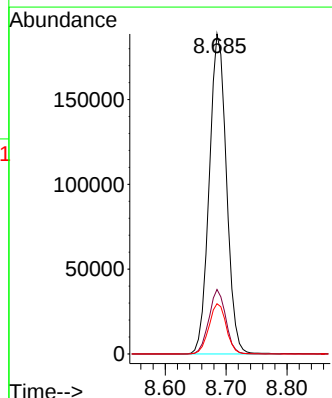
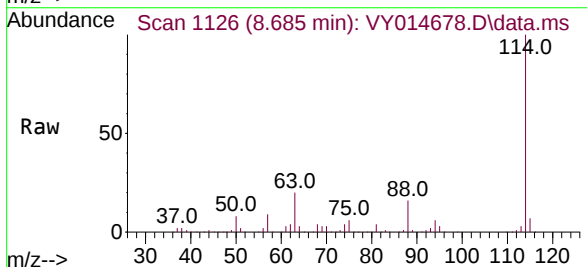
Tgt Ion:114 Resp: 369783

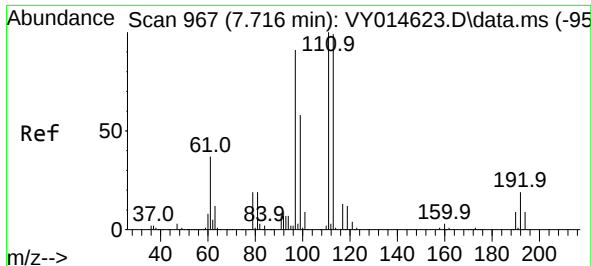
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.7 0.0 30.6

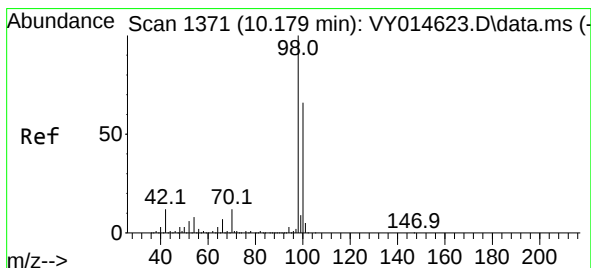
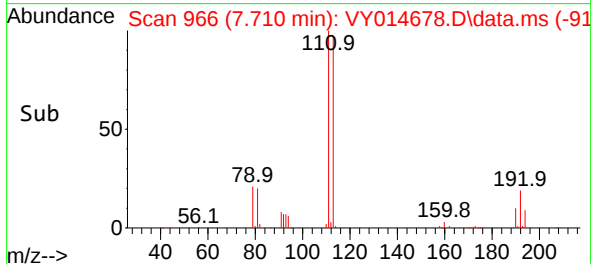
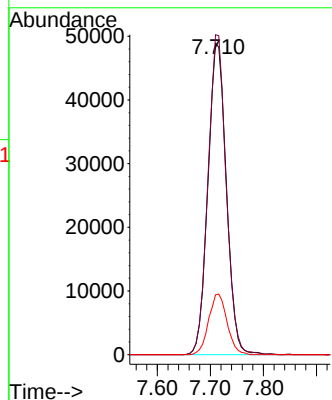
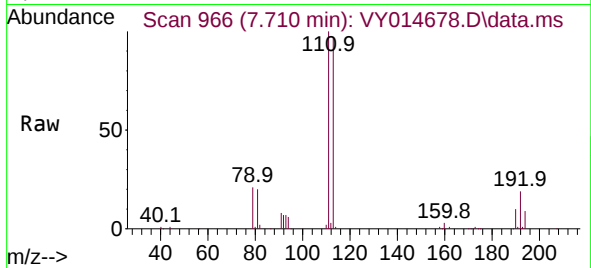




#35
Dibromofluoromethane
Concen: 50.169 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

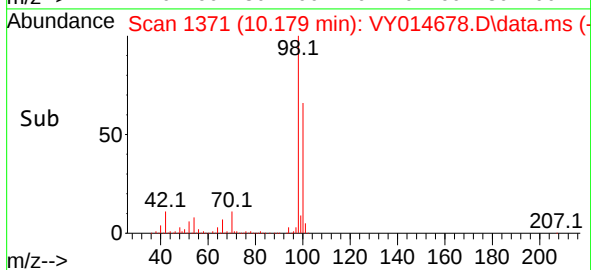
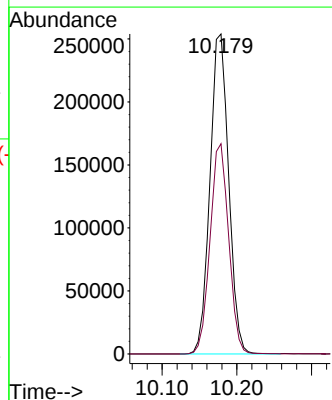
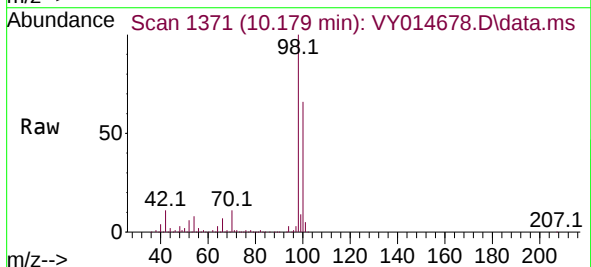
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(2-4)

Tgt Ion:113 Resp: 118095
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 50.837 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

Tgt Ion: 98 Resp: 441186
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

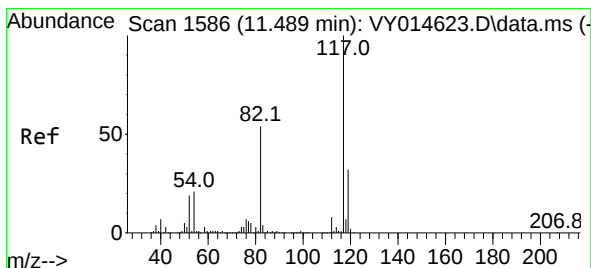
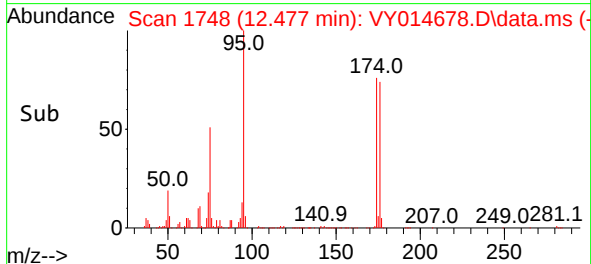
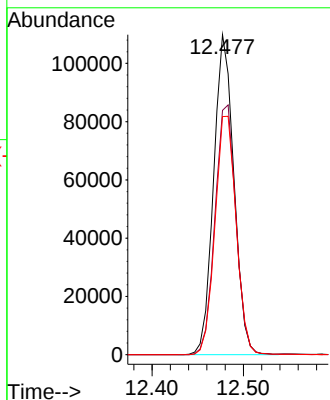
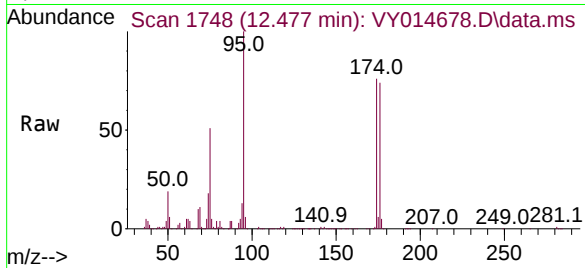




#62
4-Bromofluorobenzene
Concen: 50.898 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

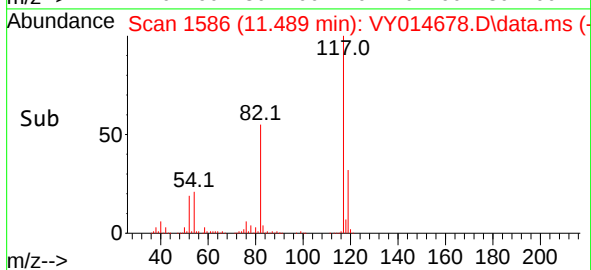
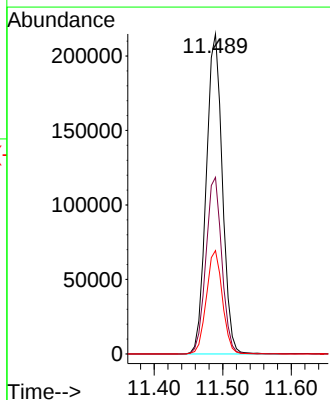
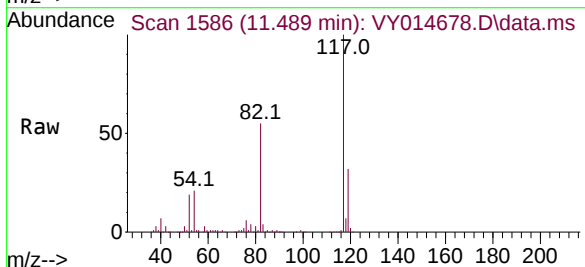
Instrument :
MSVOA_Y
ClientSampleId :
SB-04(2-4)

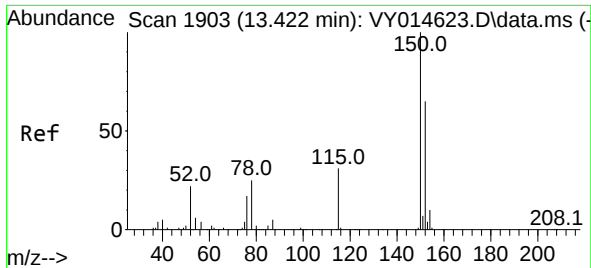
Tgt Ion: 95 Resp: 169373
Ion Ratio Lower Upper
95 100
174 80.4 0.0 178.2
176 77.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014678.D
Acq: 17 Jul 2023 17:30

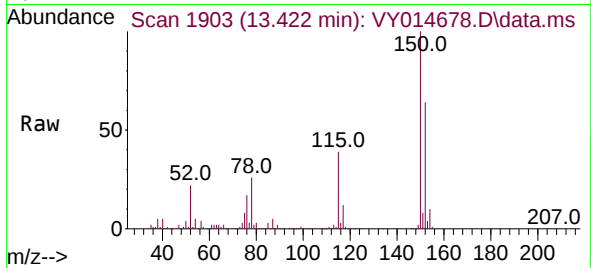
Tgt Ion: 117 Resp: 350135
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY014678.D
 Acq: 17 Jul 2023 17:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04(2-4)



Tgt Ion:152 Resp: 172137
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.8 86.5
 150 155.7 0.0 348.8

