

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010353.D
 Acq On : 06 Sep 2022 17:52
 Operator : KP/MD
 Sample : N4500-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-1.5-2.0

Quant Time: Sep 07 05:56:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

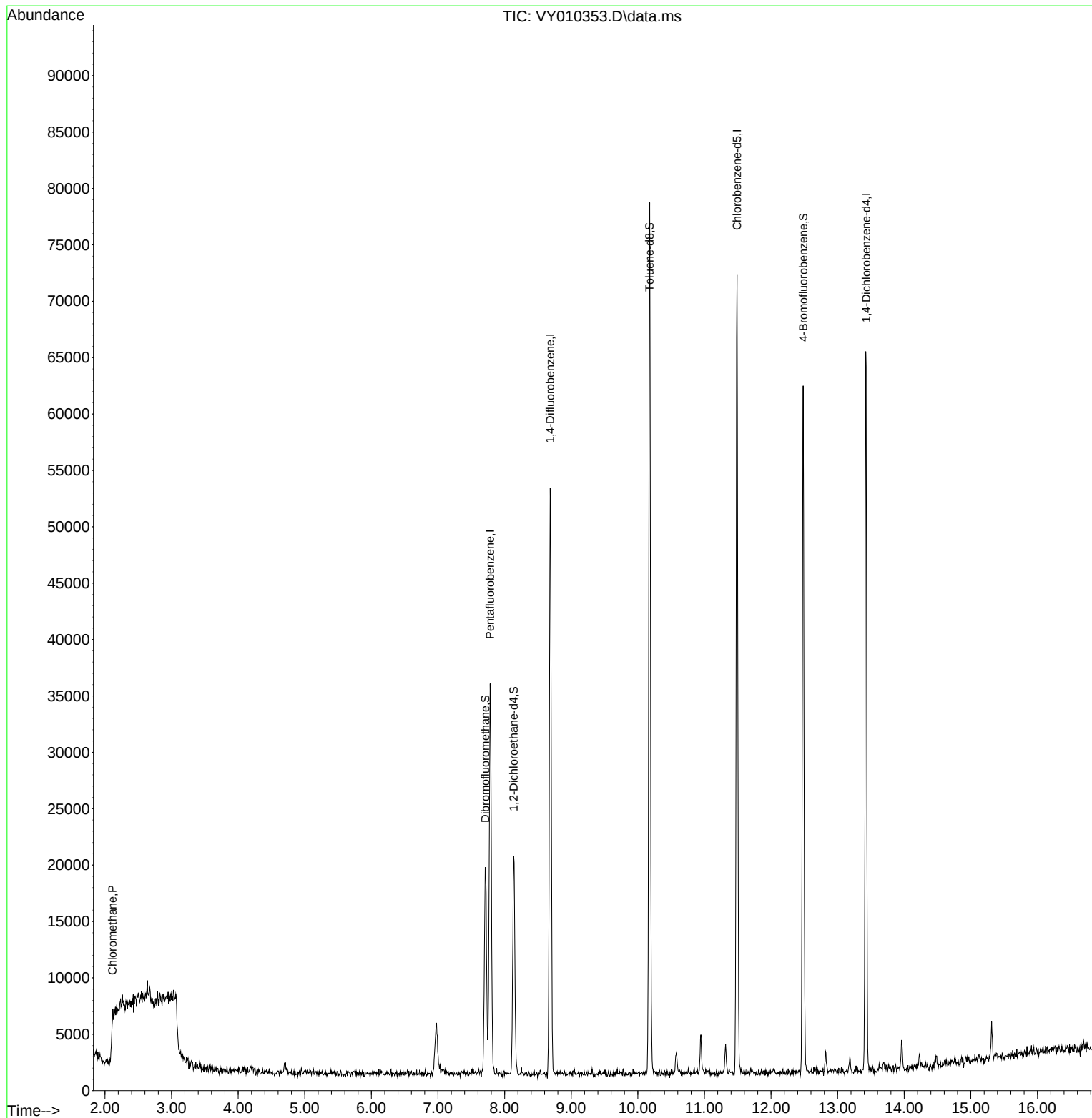
Internal Standards						
1) Pentafluorobenzene	7.783	168	27813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	46118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	40716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	15305	53.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.340%	
35) Dibromofluoromethane	7.710	113	13117	42.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.440%	
50) Toluene-d8	10.179	98	52869	51.434	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.483	95	17151	40.459	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.920%	
Target Compounds						
3) Chloromethane	2.113	50	492	1.623	ug/l	Qvalue 99

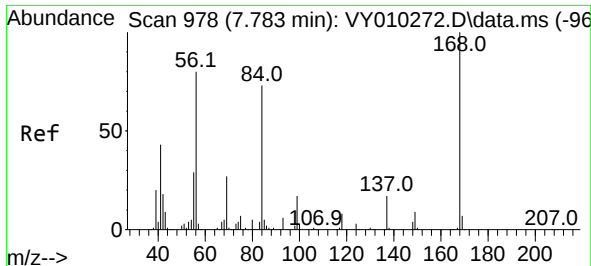
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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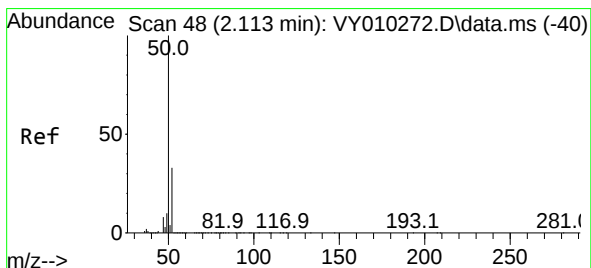
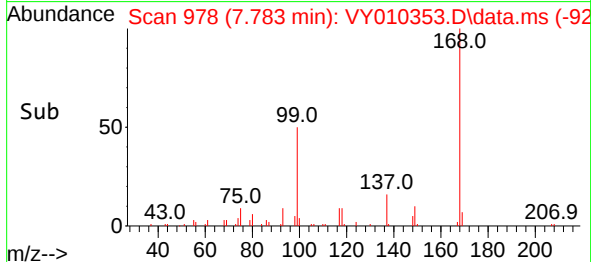
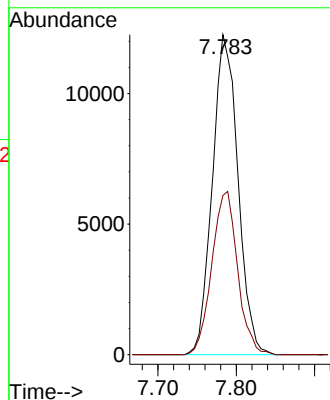
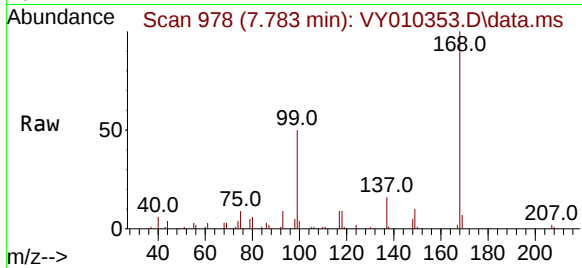




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010353.D
Acq: 06 Sep 2022 17:52

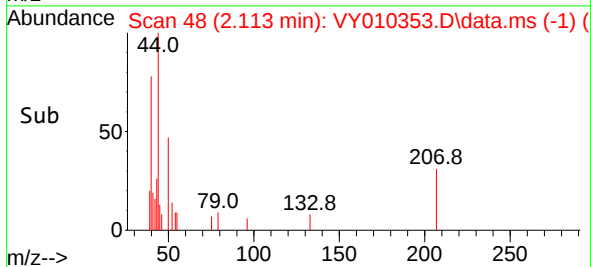
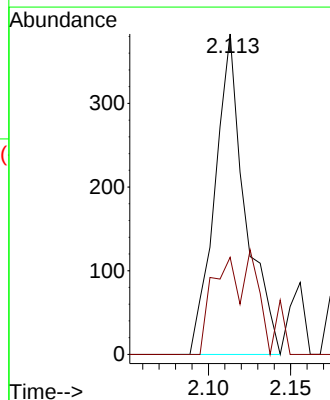
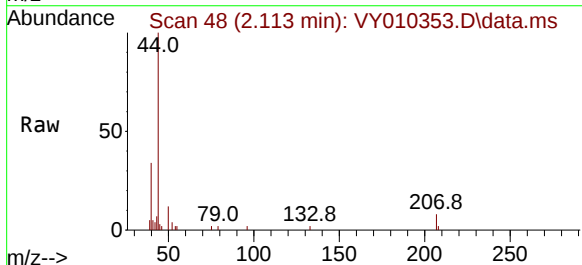
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-1.5-2.0

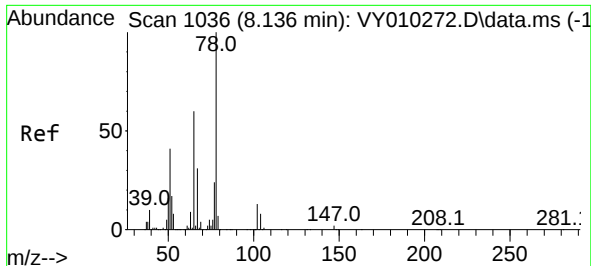
Tgt Ion:168 Resp: 27813
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#3
Chloromethane
Concen: 1.623 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY010353.D
Acq: 06 Sep 2022 17:52

Tgt Ion: 50 Resp: 492
Ion Ratio Lower Upper
50 100
52 30.3 24.6 37.0





#33

1,2-Dichloroethane-d4

Concen: 53.666 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010353.D

Acq: 06 Sep 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

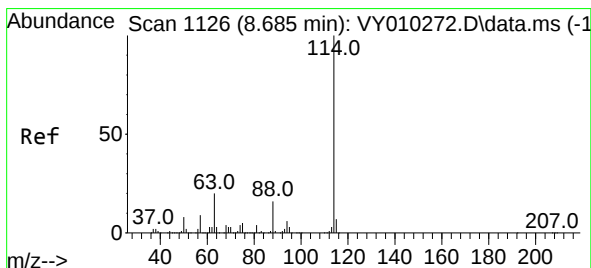
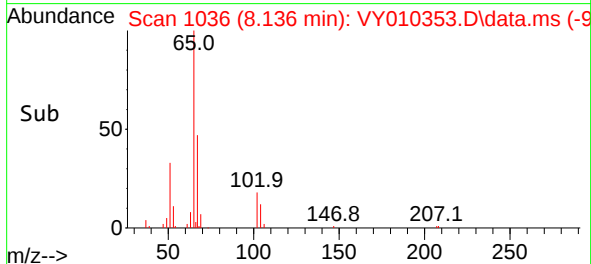
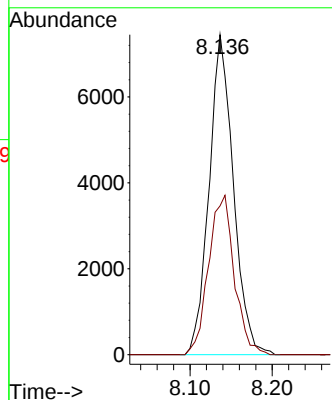
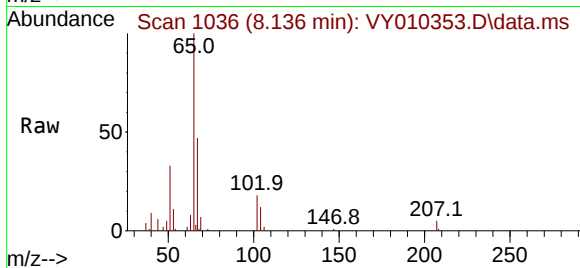
SB-14-1.5-2.0

Tgt Ion: 65 Resp: 15305

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010353.D

Acq: 06 Sep 2022 17:52

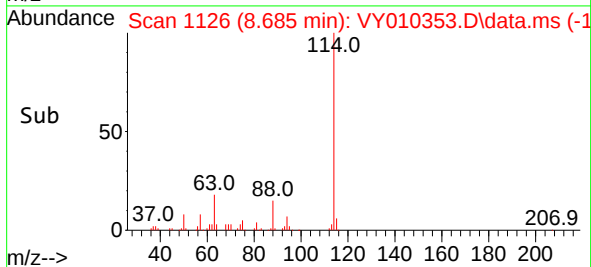
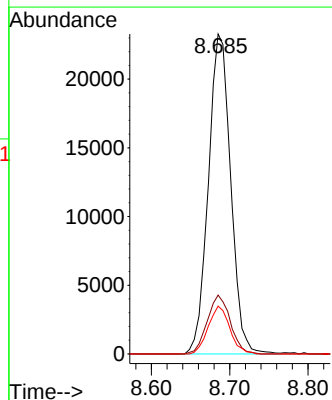
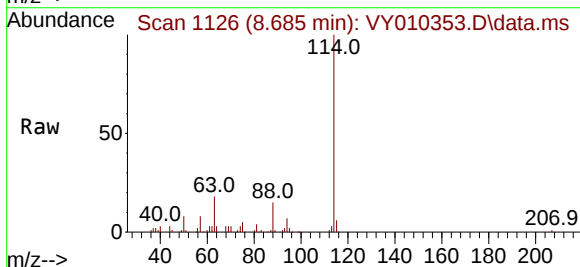
Tgt Ion: 114 Resp: 46118

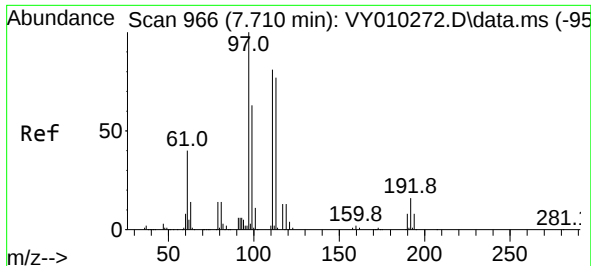
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.9 0.0 31.8

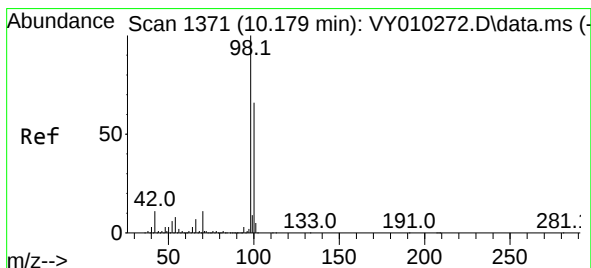
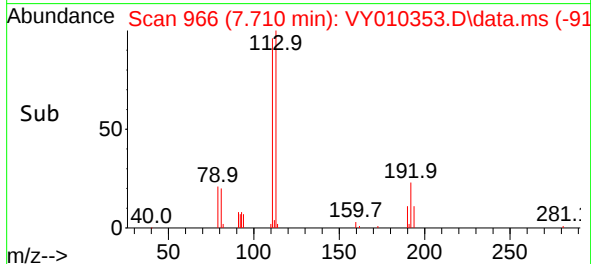
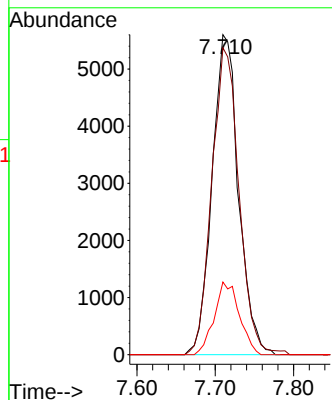
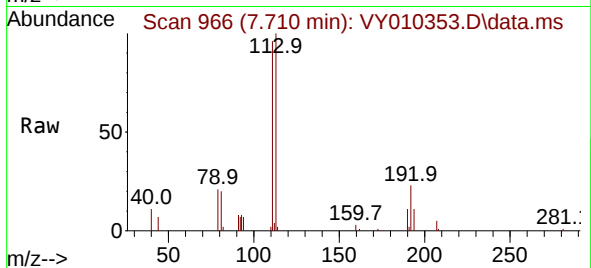




#35
Dibromofluoromethane
Concen: 42.724 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010353.D
Acq: 06 Sep 2022 17:52

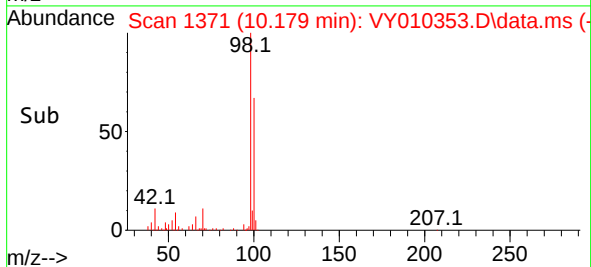
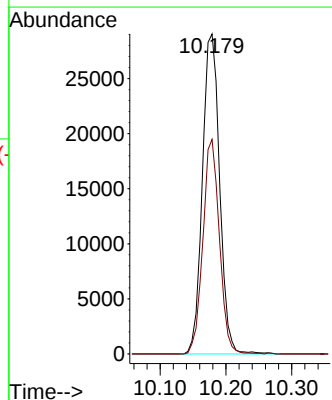
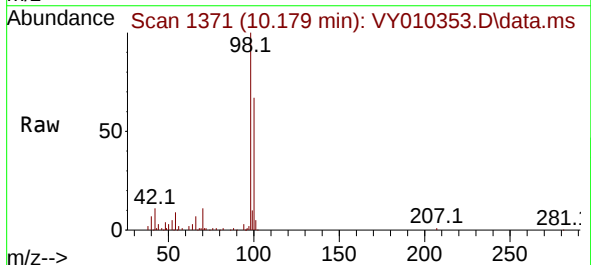
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-1.5-2.0

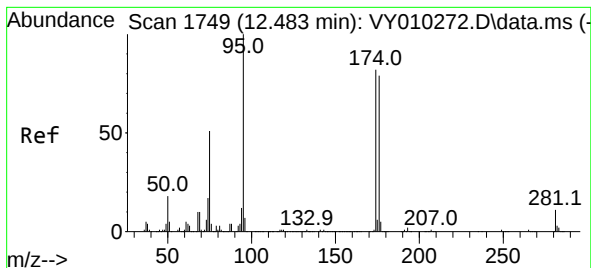
Tgt Ion:113 Resp: 13117
Ion Ratio Lower Upper
113 100
111 98.8 82.6 124.0
192 21.6 17.6 26.4



#50
Toluene-d8
Concen: 51.434 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010353.D
Acq: 06 Sep 2022 17:52

Tgt Ion: 98 Resp: 52869
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

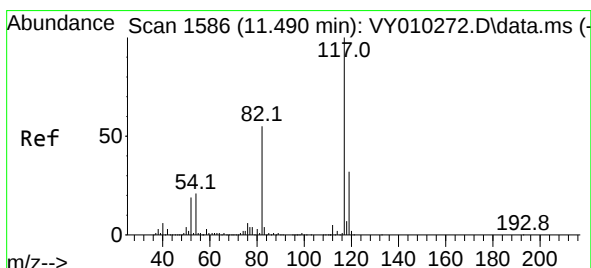
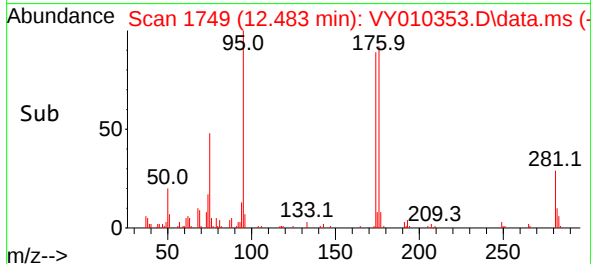
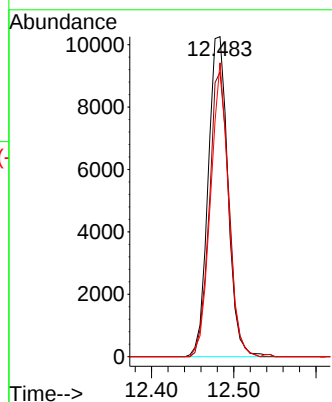
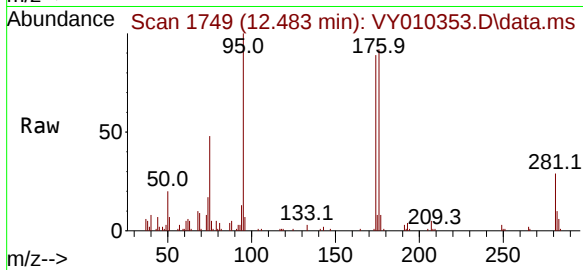




#62
4-Bromofluorobenzene
Concen: 40.459 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010353.D
Acq: 06 Sep 2022 17:52

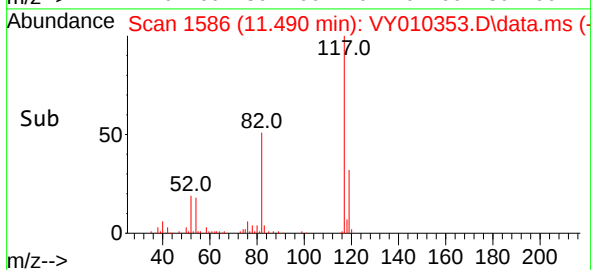
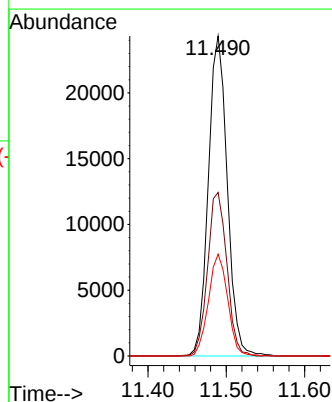
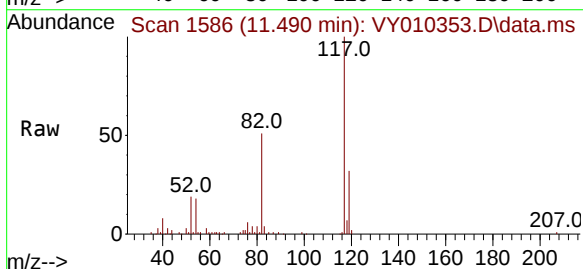
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-1.5-2.0

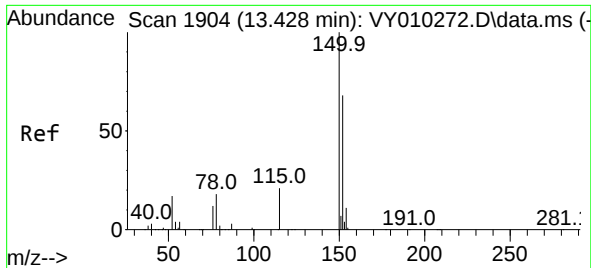
Tgt Ion: 95 Resp: 17151
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010353.D
Acq: 06 Sep 2022 17:52

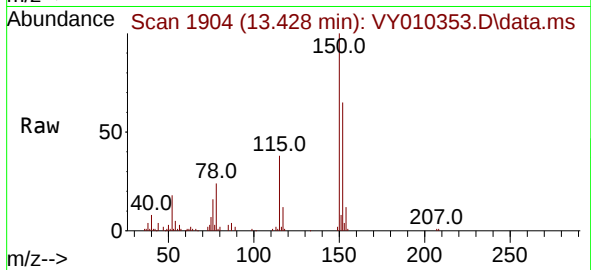
Tgt Ion: 117 Resp: 40716
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY010353.D
 Acq: 06 Sep 2022 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-1.5-2.0



Tgt Ion:	152	Resp:	17858
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	154.3	0.0	347.6

