

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010358.D
 Acq On : 06 Sep 2022 19:49
 Operator : KP/MD
 Sample : N4500-15
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-17.5-18.0

Quant Time: Sep 07 05:56:49 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)

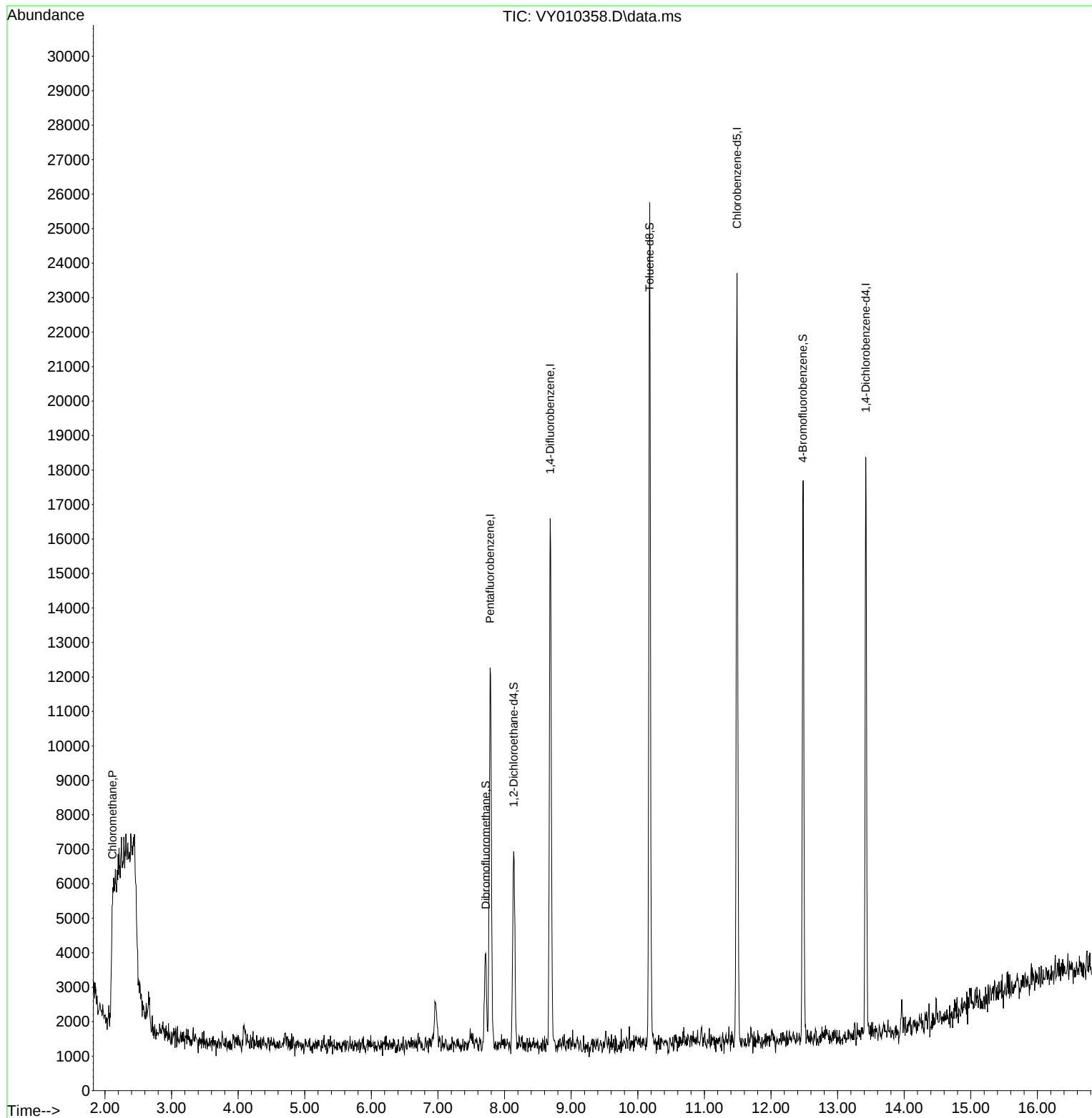
Internal Standards						
1) Pentafluorobenzene	7.783	168	9478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	14601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	4628	47.620	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.240%
35) Dibromofluoromethane	7.716	113	2036	20.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.900%#
50) Toluene-d8	10.179	98	15614	47.979	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.477	95	4942	36.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.340%
Target Compounds						
3) Chloromethane	2.113	50	526	5.092	ug/l #	84

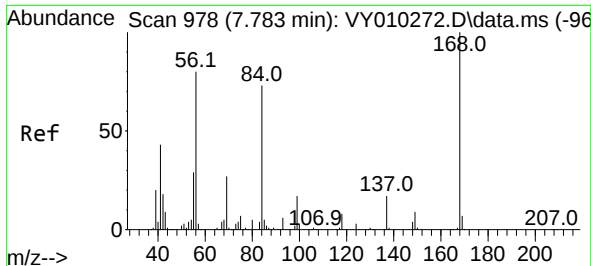
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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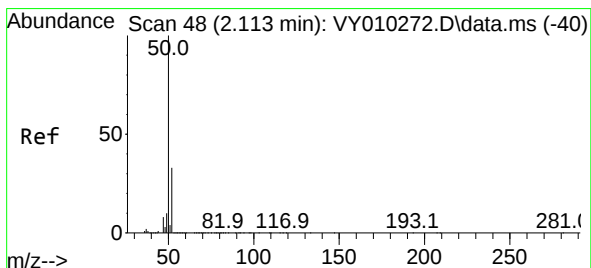
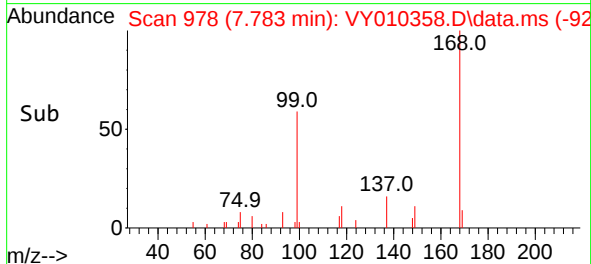
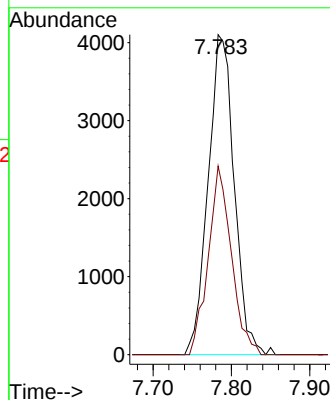
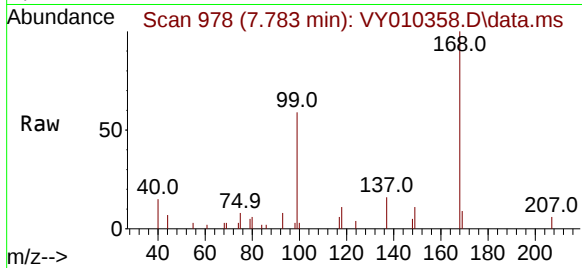




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010358.D
Acq: 06 Sep 2022 19:49

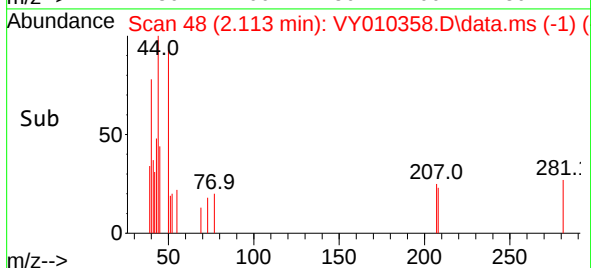
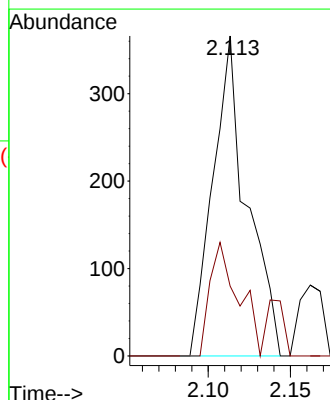
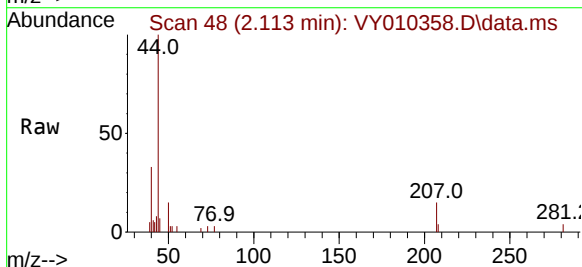
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-17.5-18.0

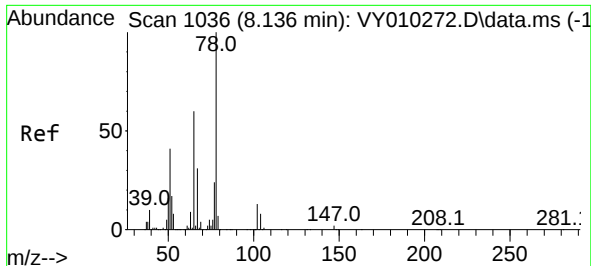
Tgt Ion:168 Resp: 9478
Ion Ratio Lower Upper
168 100
99 59.0 46.9 70.3



#3
Chloromethane
Concen: 5.092 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY010358.D
Acq: 06 Sep 2022 19:49

Tgt Ion: 50 Resp: 526
Ion Ratio Lower Upper
50 100
52 21.9 24.6 37.0#





#33

1,2-Dichloroethane-d4

Concen: 47.620 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010358.D

Acq: 06 Sep 2022 19:49

Instrument :

MSVOA_Y

ClientSampleId :

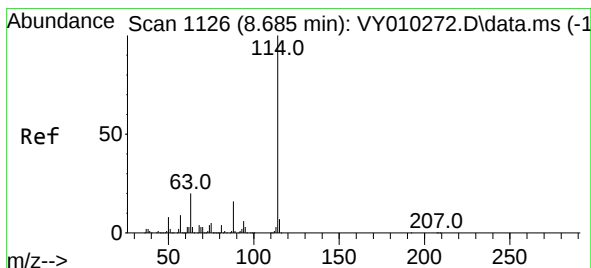
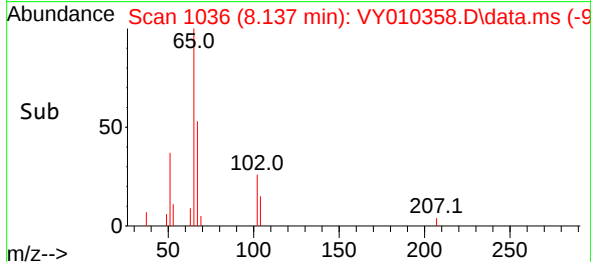
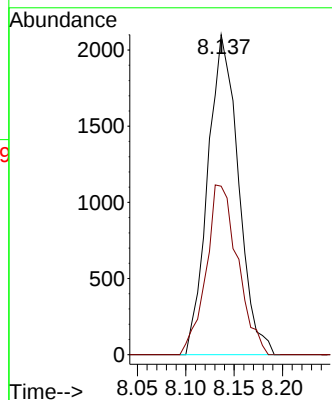
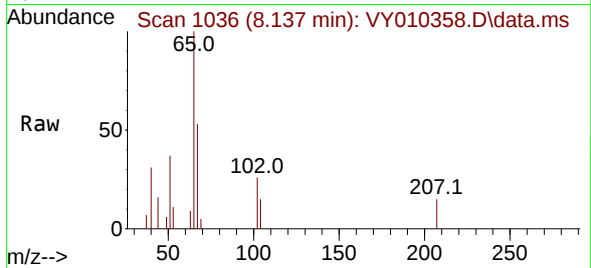
SB-04-17.5-18.0

Tgt Ion: 65 Resp: 4628

Ion Ratio Lower Upper

65 100

67 54.8 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: VY010358.D

Acq: 06 Sep 2022 19:49

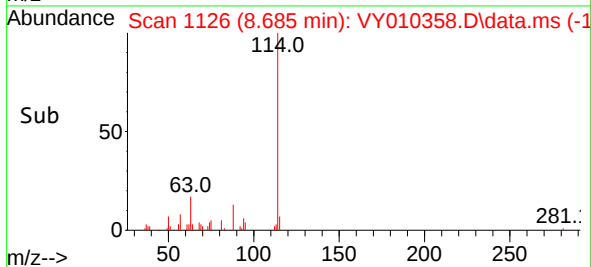
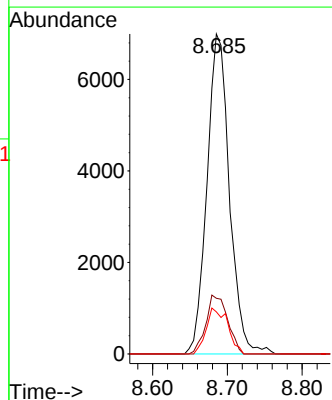
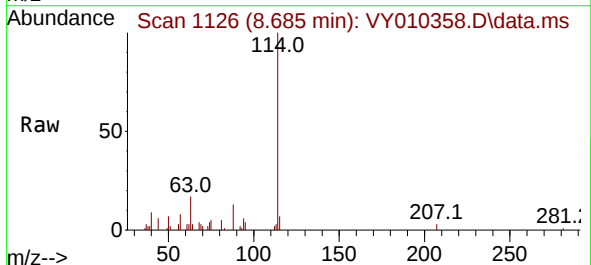
Tgt Ion: 114 Resp: 14601

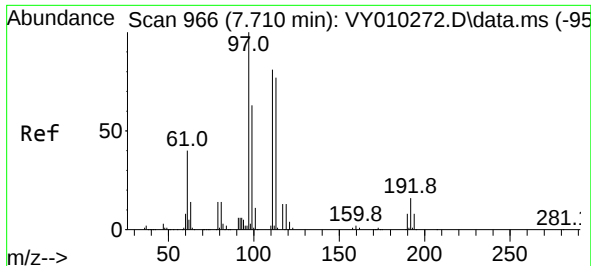
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.2 0.0 31.8

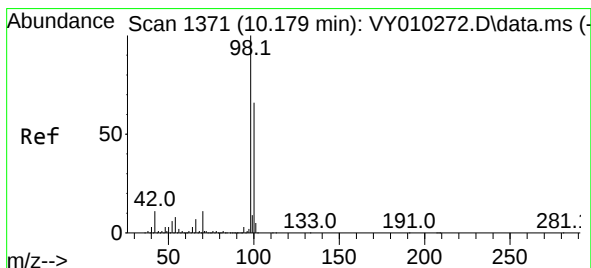
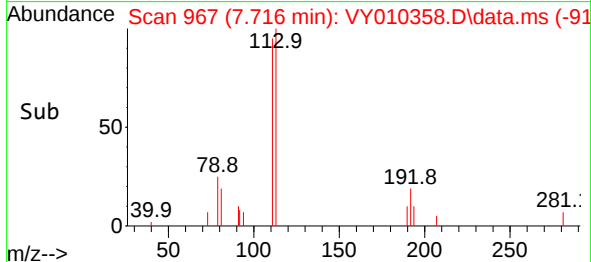
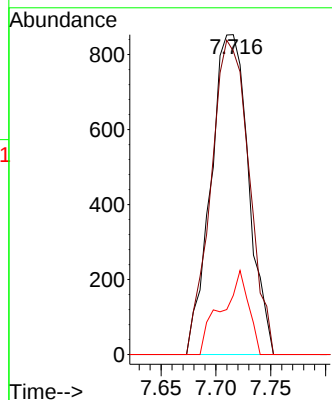
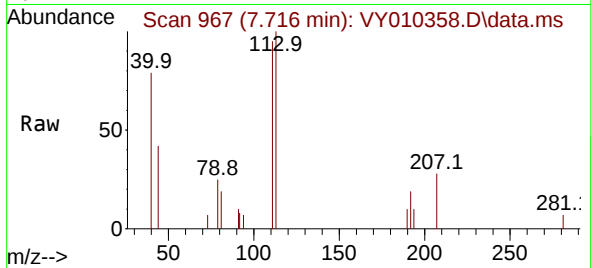




#35
Dibromofluoromethane
Concen: 20.946 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010358.D
Acq: 06 Sep 2022 19:49

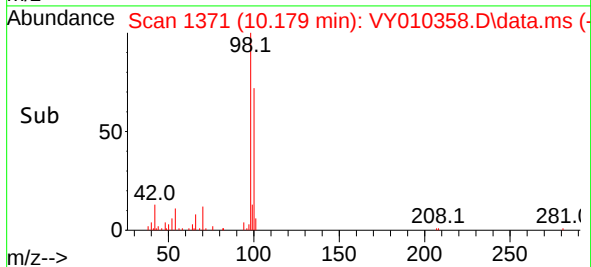
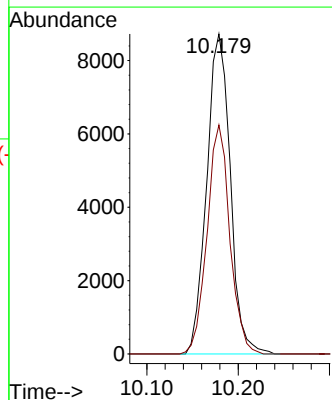
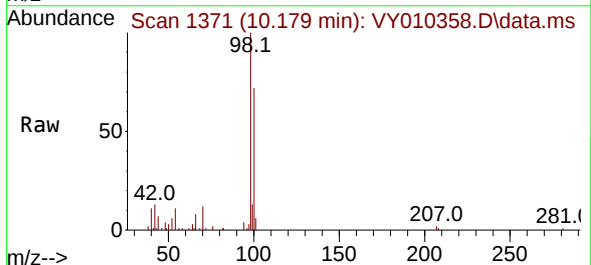
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-17.5-18.0

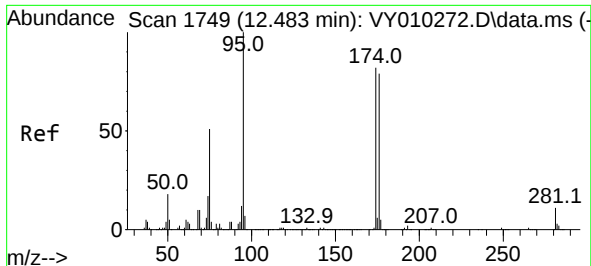
Tgt Ion:113 Resp: 2036
Ion Ratio Lower Upper
113 100
111 99.5 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 47.979 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010358.D
Acq: 06 Sep 2022 19:49

Tgt Ion: 98 Resp: 15614
Ion Ratio Lower Upper
98 100
100 69.2 50.2 75.2

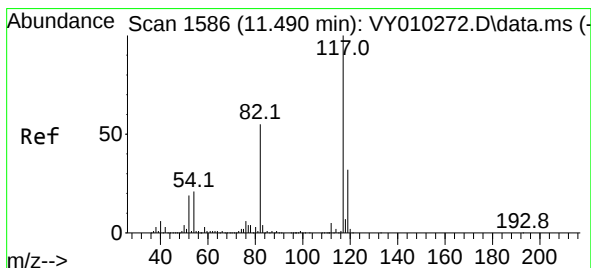
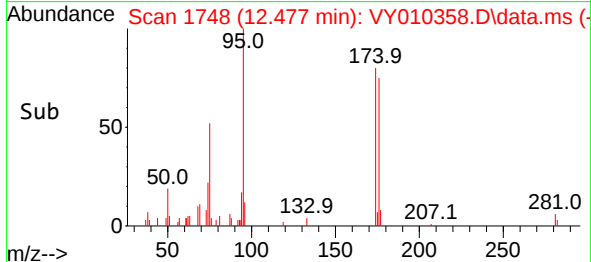
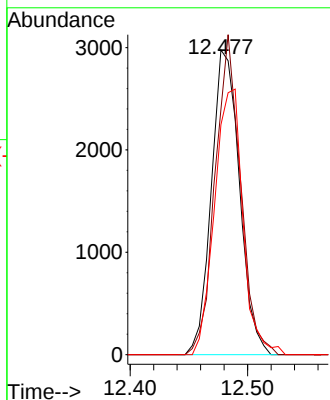
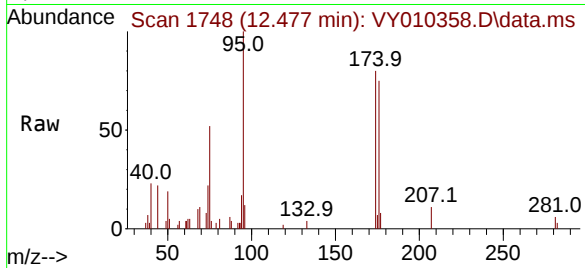




#62
4-Bromofluorobenzene
Concen: 36.174 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010358.D
Acq: 06 Sep 2022 19:49

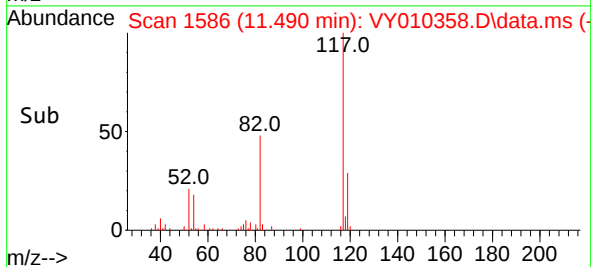
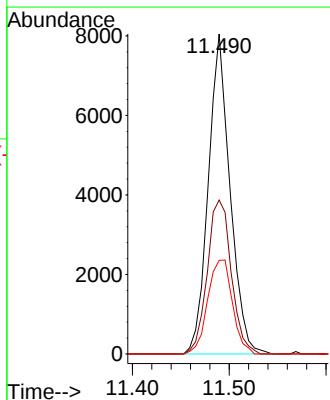
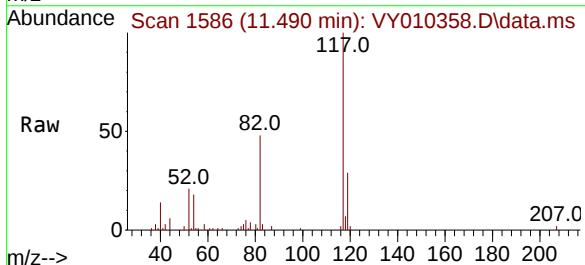
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-17.5-18.0

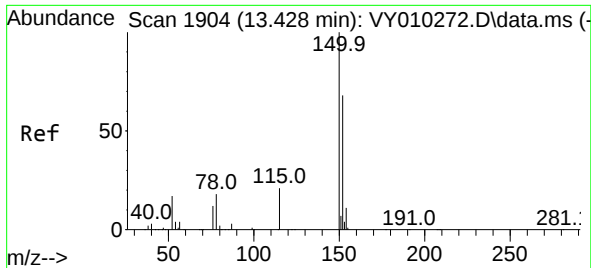
Tgt Ion: 95 Resp: 4942
Ion Ratio Lower Upper
95 100
174 95.0 0.0 177.0
176 88.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010358.D
Acq: 06 Sep 2022 19:49

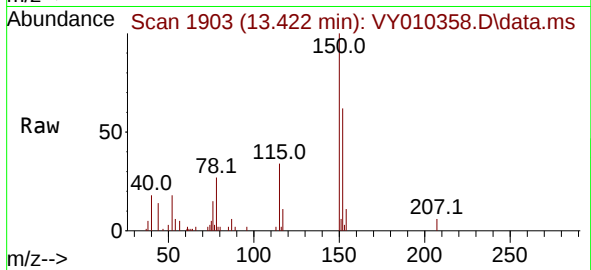
Tgt Ion: 117 Resp: 12568
Ion Ratio Lower Upper
117 100
82 48.1 43.0 64.4
119 29.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY010358.D
 Acq: 06 Sep 2022 19:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-17.5-18.0



Tgt Ion:	152	Resp:	4519
Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.7
150	160.3	0.0	347.6

