

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010333.D
 Acq On : 03 Sep 2022 20:16
 Operator : KP/MD
 Sample : N4501-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-7.5-8.0

Quant Time: Sep 05 04:24:06 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)

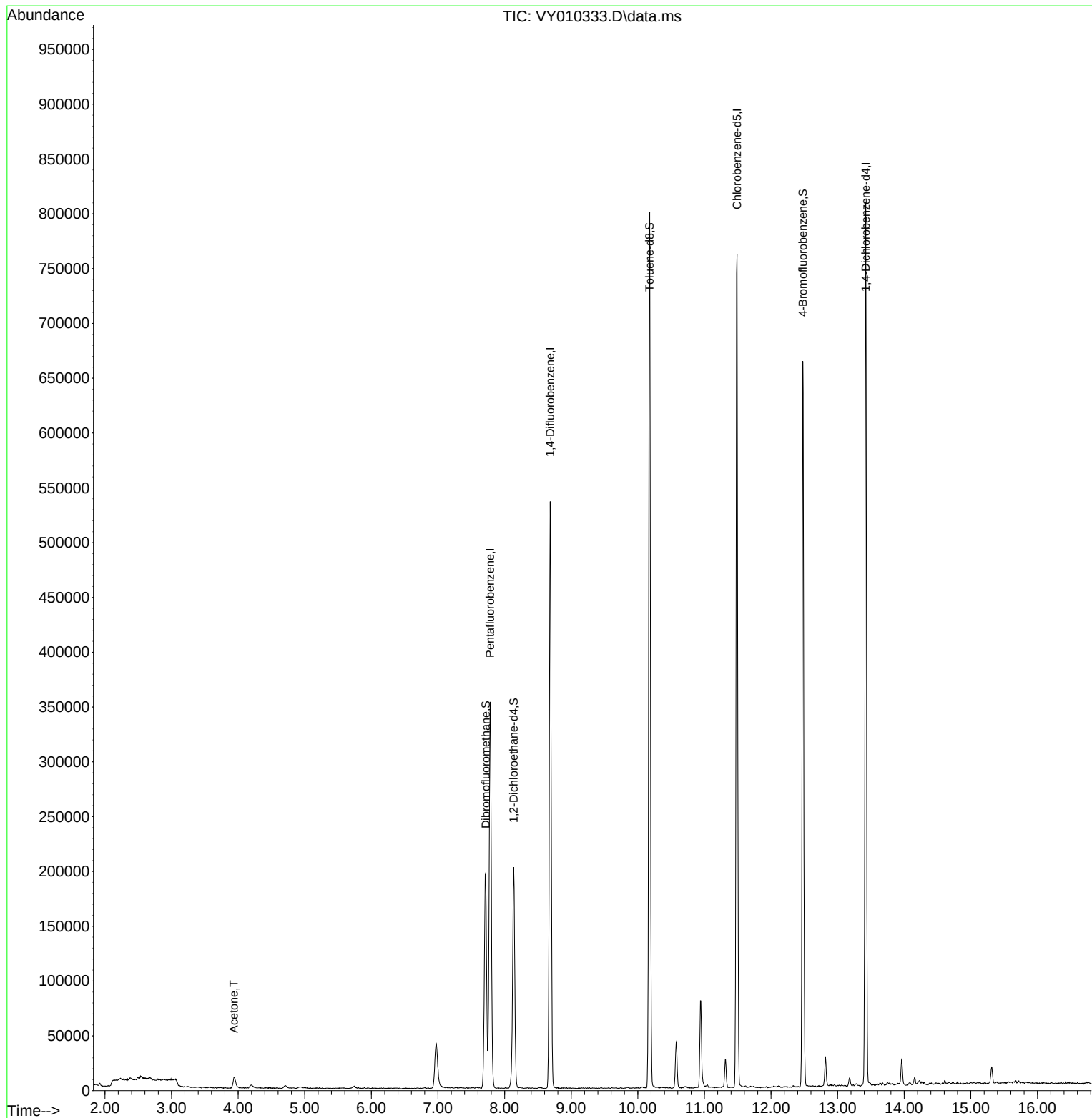
Internal Standards						
1) Pentafluorobenzene	7.783	168	283388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	461112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	433332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	206014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149885	51.581	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	103.160%	
35) Dibromofluoromethane	7.716	113	139081	45.308	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	90.620%	
50) Toluene-d8	10.179	98	542916	52.826	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	105.660%	
62) 4-Bromofluorobenzene	12.477	95	194345	46.816	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	93.640%	
Target Compounds						
16) Acetone	3.936	43	18576	25.572	ug/l	Qvalue 94

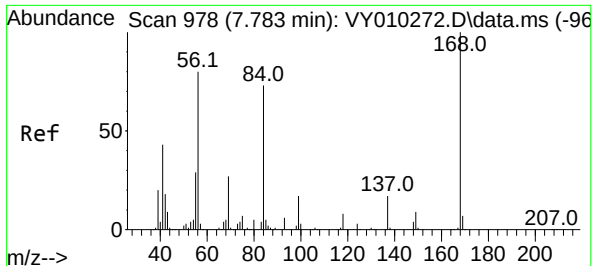
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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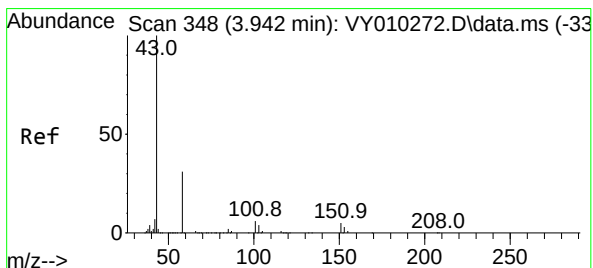
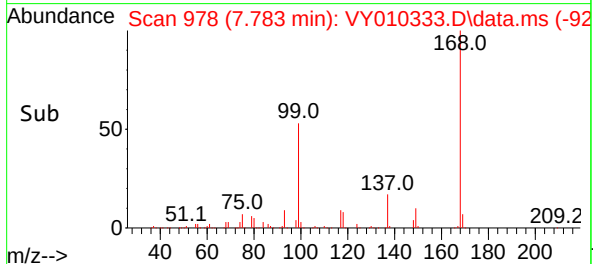
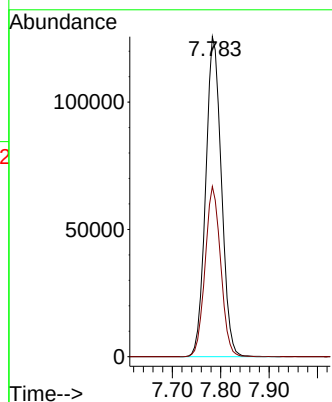
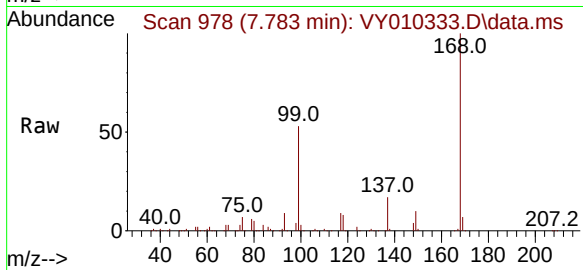




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

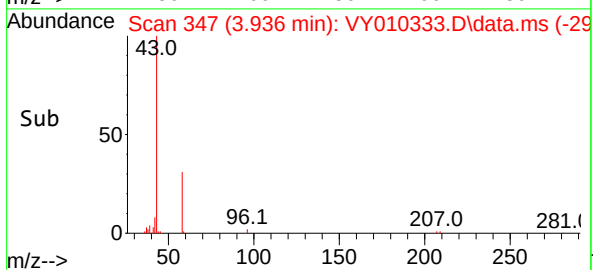
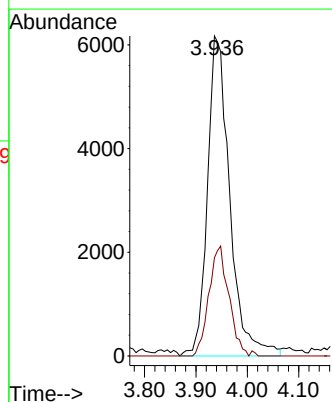
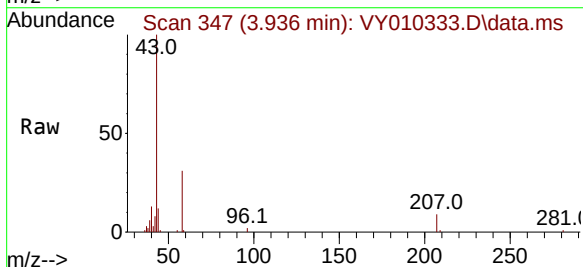
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-7.5-8.0

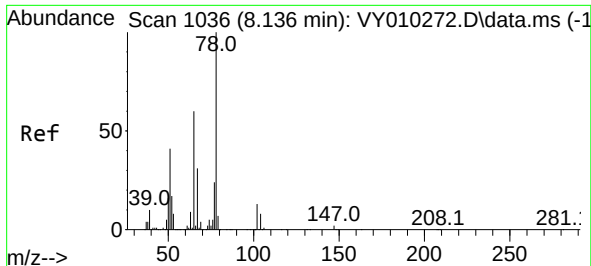
Tgt Ion:168 Resp: 283388
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#16
Acetone
Concen: 25.572 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

Tgt Ion: 43 Resp: 18576
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 51.581 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010333.D

Acq: 03 Sep 2022 20:16

Instrument :

MSVOA_Y

ClientSampleId :

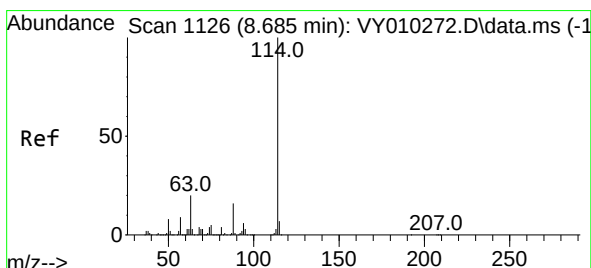
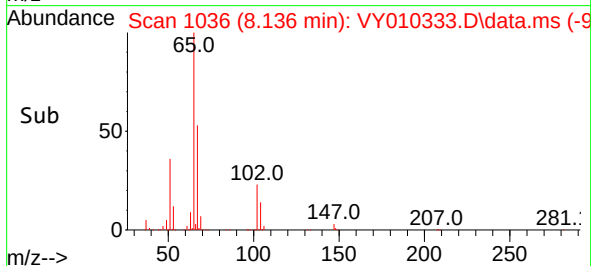
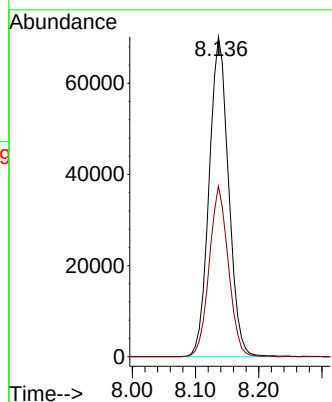
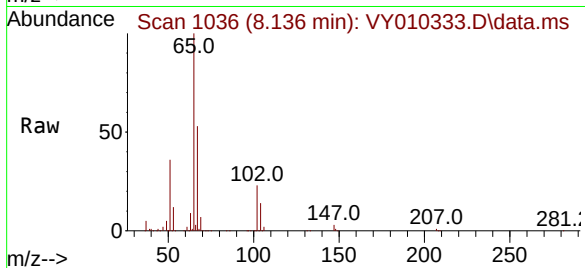
SB-12-7.5-8.0

Tgt Ion: 65 Resp: 149885

Ion Ratio Lower Upper

65 100

67 52.5 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: VY010333.D

Acq: 03 Sep 2022 20:16

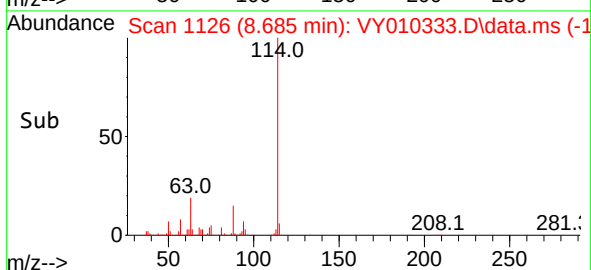
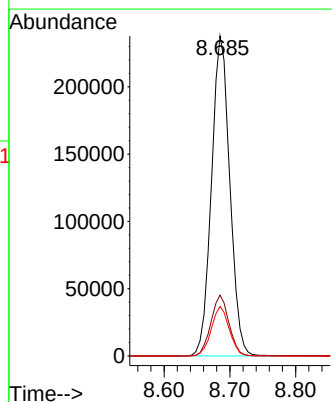
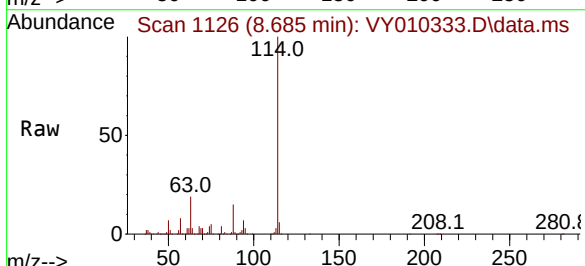
Tgt Ion: 114 Resp: 461112

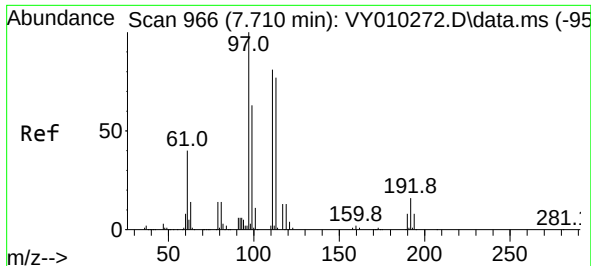
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.4 0.0 31.8

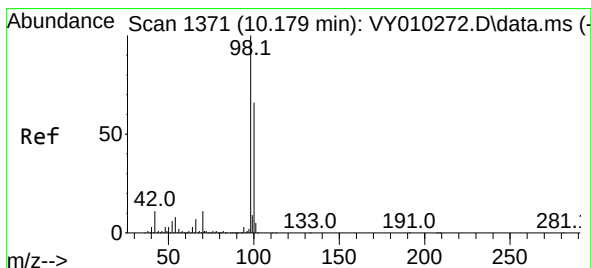
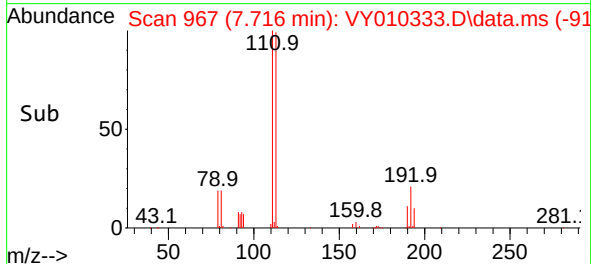
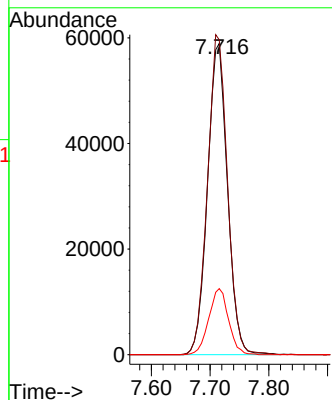
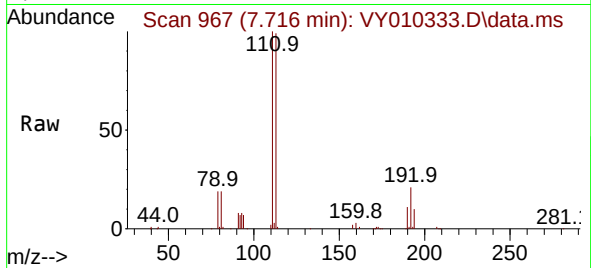




#35
Dibromofluoromethane
Concen: 45.308 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

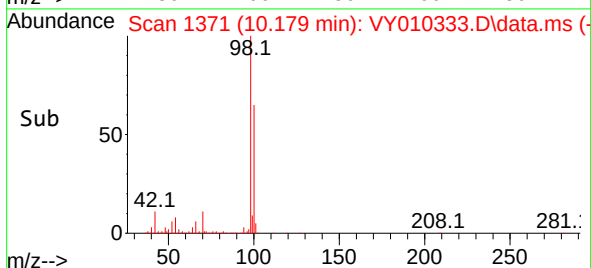
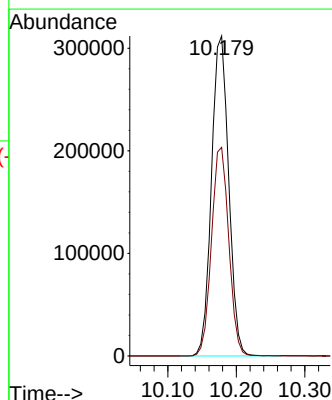
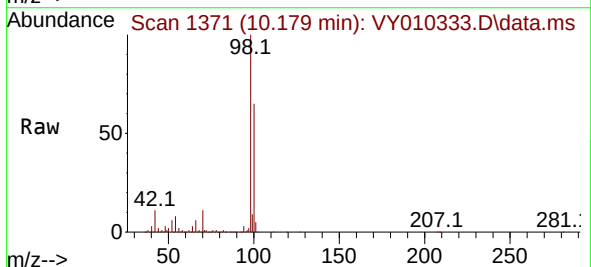
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-7.5-8.0

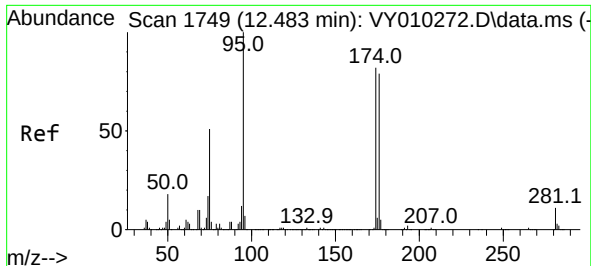
Tgt Ion:113 Resp: 139081
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 21.0 17.6 26.4



#50
Toluene-d8
Concen: 52.826 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

Tgt Ion: 98 Resp: 542916
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

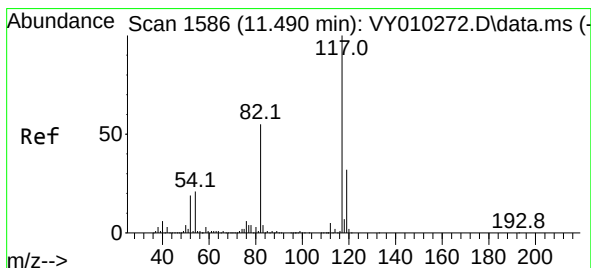
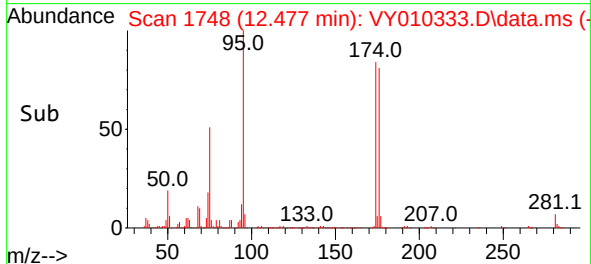
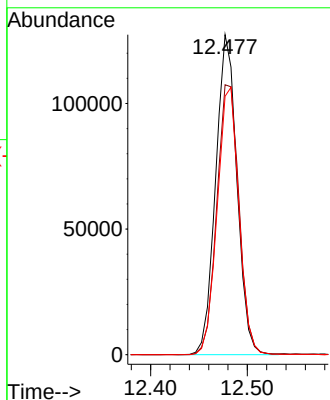
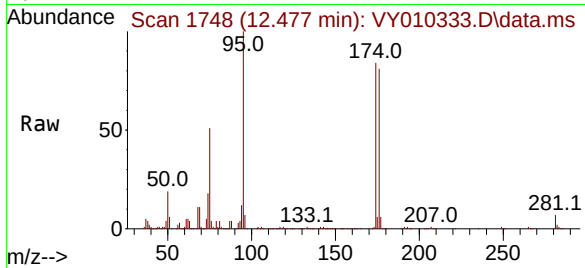




#62
4-Bromofluorobenzene
Concen: 46.816 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

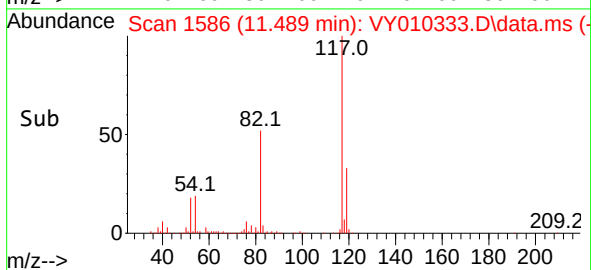
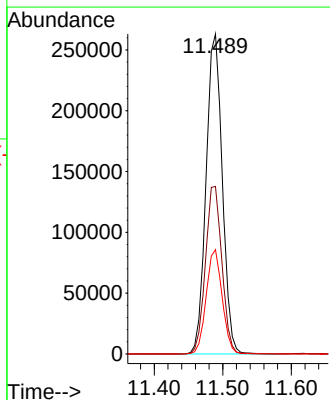
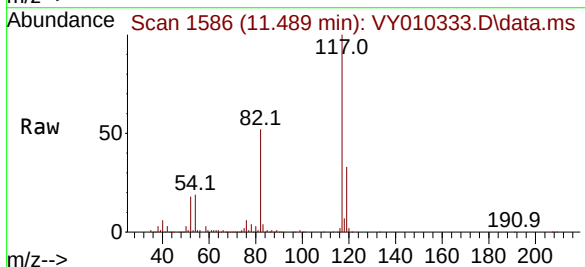
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-7.5-8.0

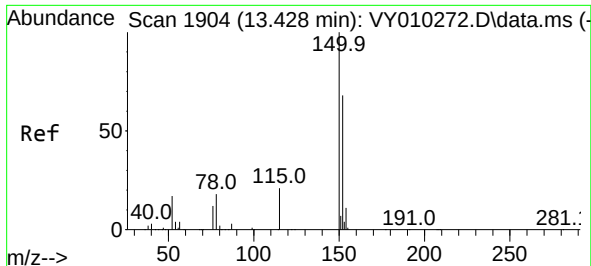
Tgt Ion: 95 Resp: 194345
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 85.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

Tgt Ion: 117 Resp: 433332
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.6 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: VY010333.D

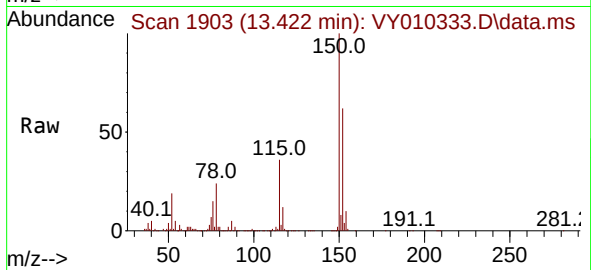
Acq: 03 Sep 2022 20:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-12-7.5-8.0



Tgt Ion:152 Resp: 206014

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 157.6 0.0 347.6

