

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010332.D
 Acq On : 03 Sep 2022 19:52
 Operator : KP/MD
 Sample : N4501-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-7.5-8.0

Quant Time: Sep 05 04:23:49 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)

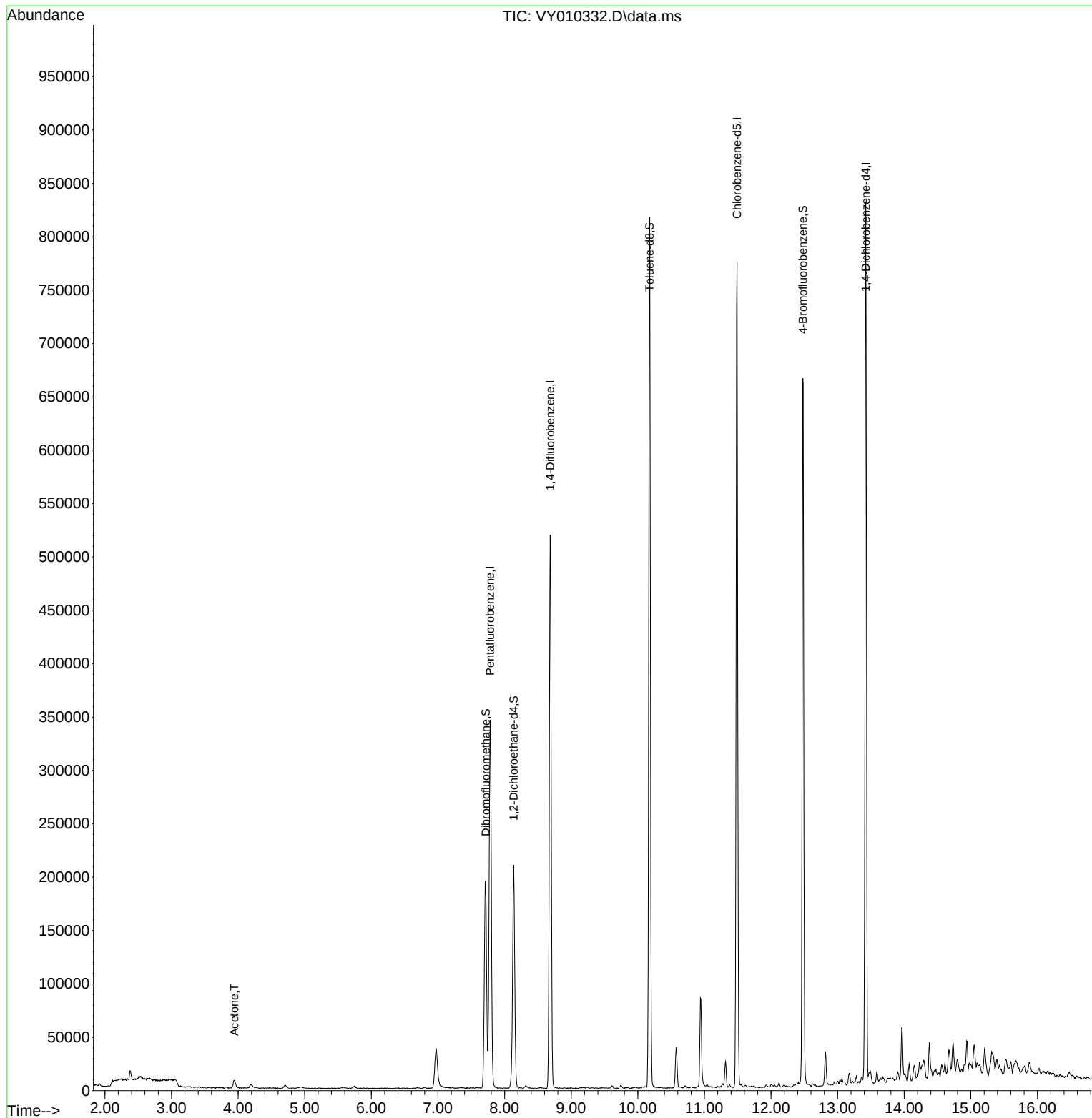
Internal Standards						
1) Pentafluorobenzene	7.783	168	283977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	459940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	434177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	213833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154737	53.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.280%	
35) Dibromofluoromethane	7.716	113	138972	45.387	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.780%	
50) Toluene-d8	10.179	98	542737	52.943	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	12.477	95	198702	48.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.340%	
Target Compounds						
16) Acetone	3.942	43	11740	16.128	ug/l	Qvalue 99

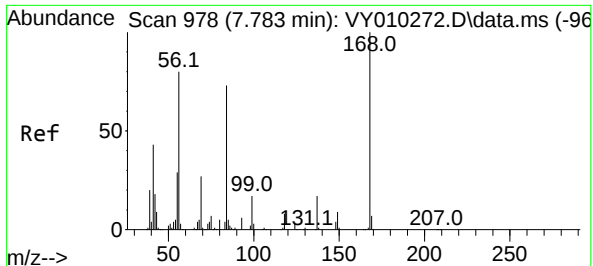
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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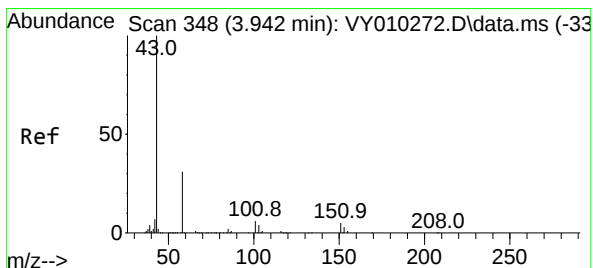
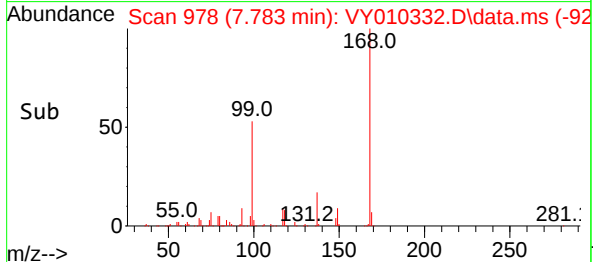
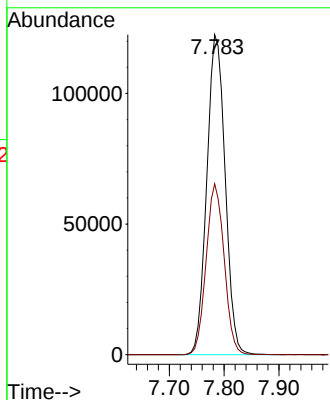
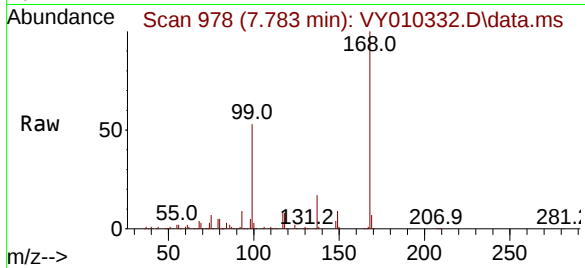




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

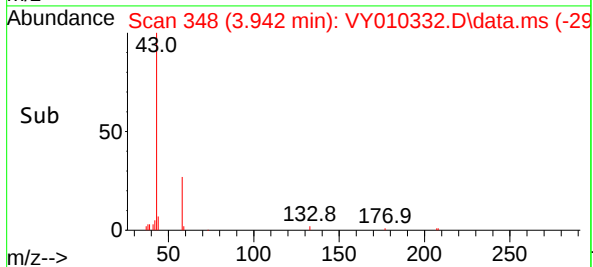
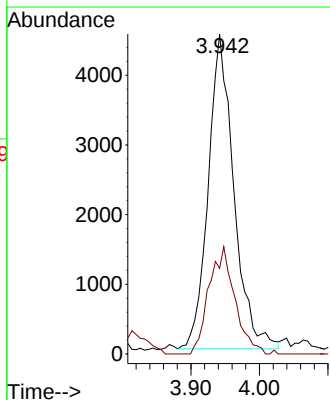
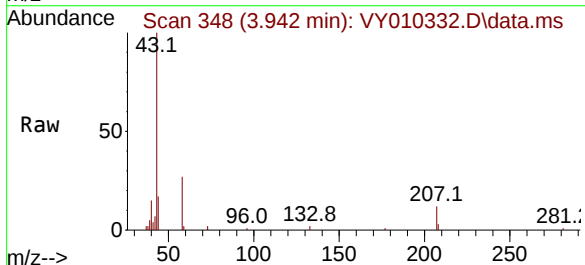
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-7.5-8.0

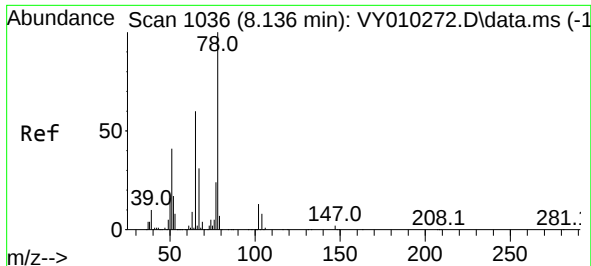
Tgt Ion:168 Resp: 283977
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#16
Acetone
Concen: 16.128 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

Tgt Ion: 43 Resp: 11740
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 53.140 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010332.D

Acq: 03 Sep 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

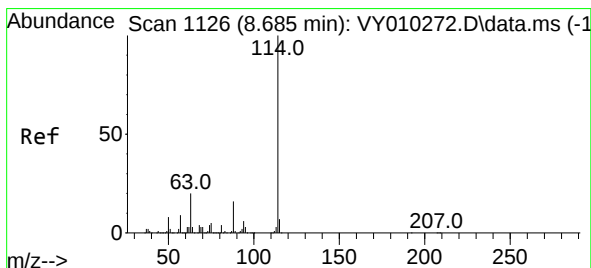
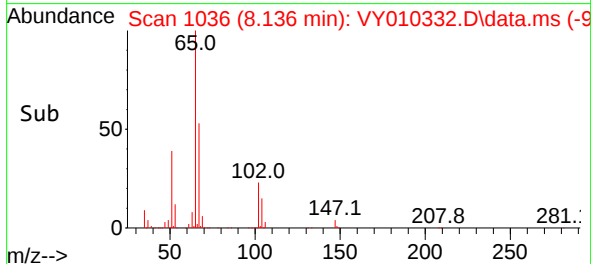
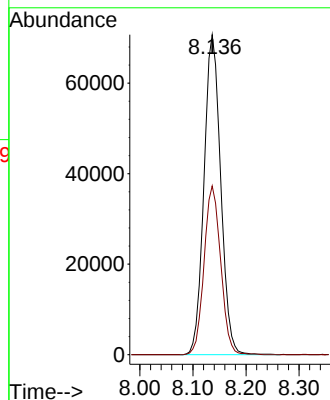
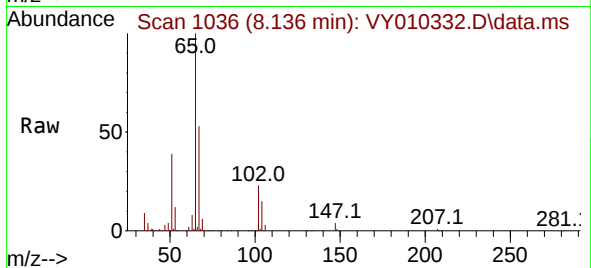
SB-11-7.5-8.0

Tgt Ion: 65 Resp: 154737

Ion Ratio Lower Upper

65 100

67 52.3 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: VY010332.D

Acq: 03 Sep 2022 19:52

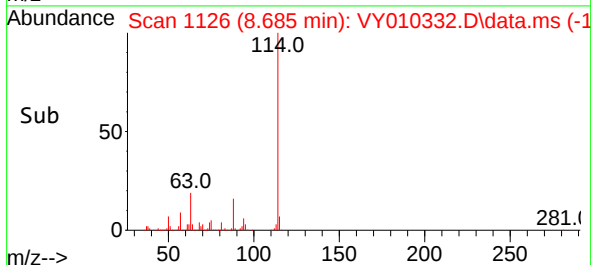
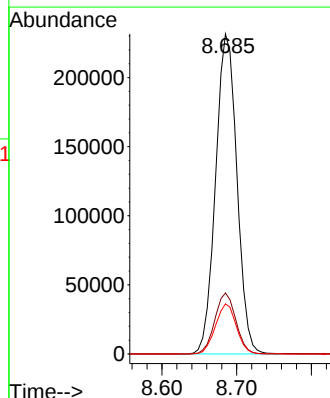
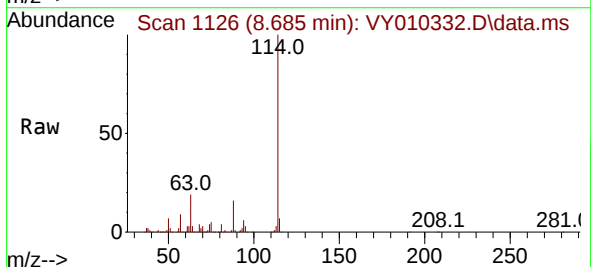
Tgt Ion: 114 Resp: 459940

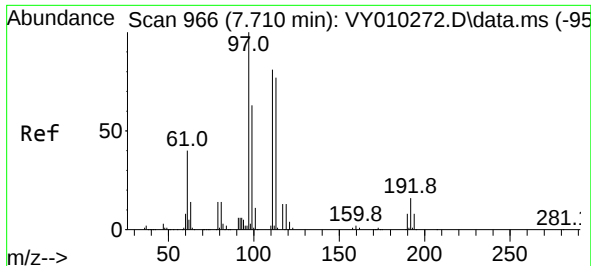
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.7 0.0 31.8

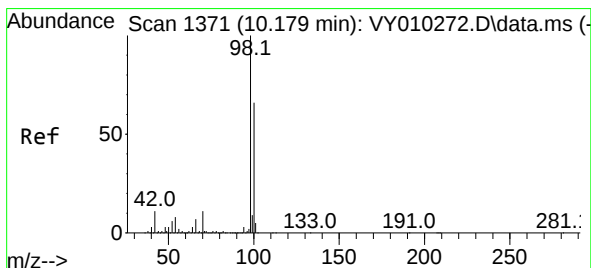
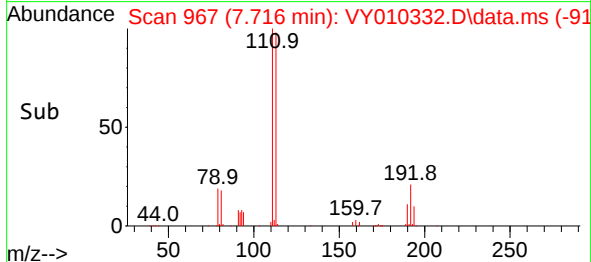
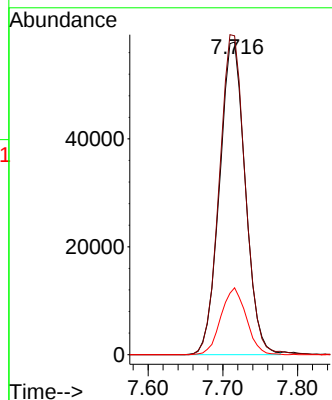
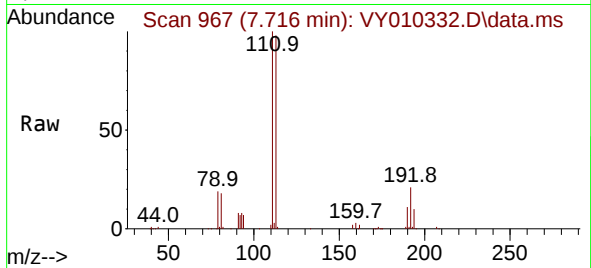




#35
Dibromofluoromethane
Concen: 45.387 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

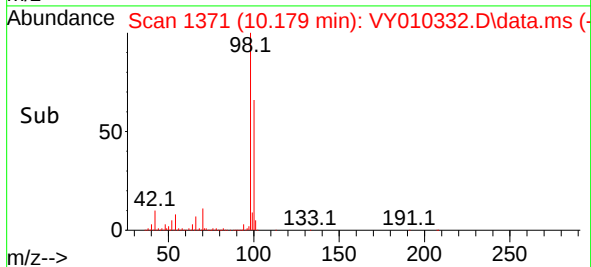
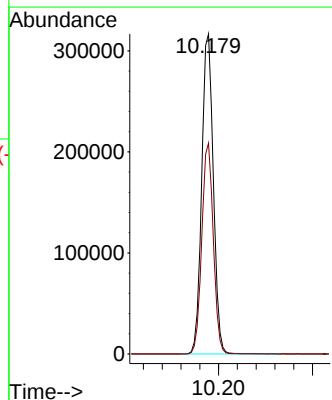
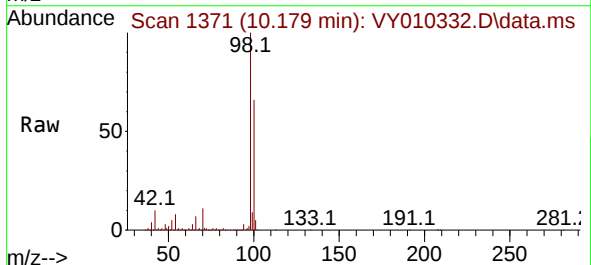
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-7.5-8.0

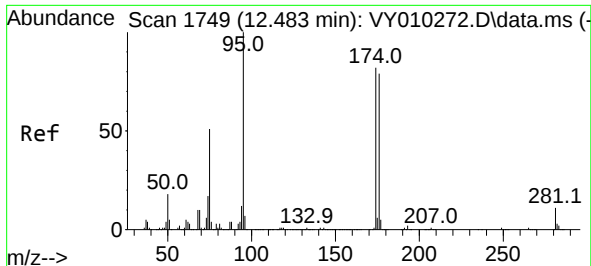
Tgt Ion:113 Resp: 138972
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 21.0 17.6 26.4



#50
Toluene-d8
Concen: 52.943 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

Tgt Ion: 98 Resp: 542737
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 48.168 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010332.D

Acq: 03 Sep 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-7.5-8.0

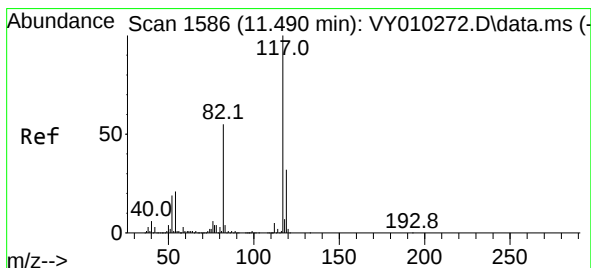
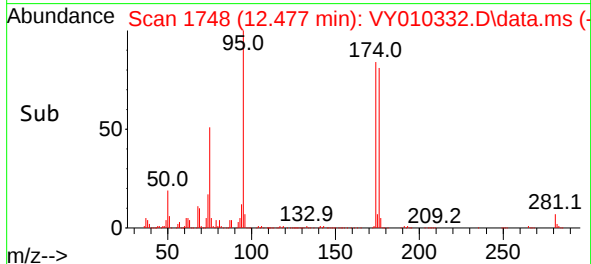
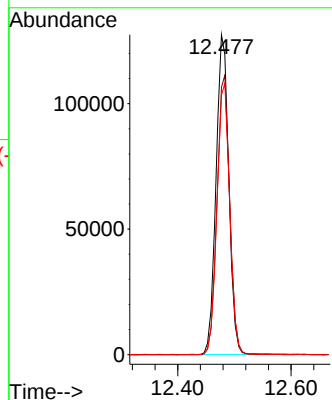
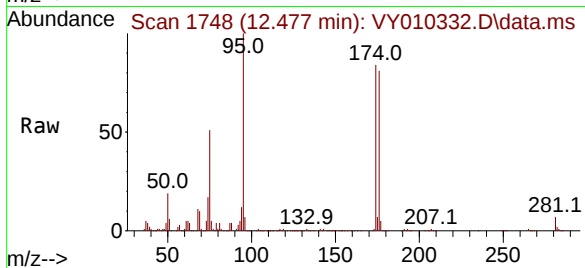
Tgt Ion: 95 Resp: 198702

Ion Ratio Lower Upper

95 100

174 87.2 0.0 177.0

176 84.7 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: VY010332.D

Acq: 03 Sep 2022 19:52

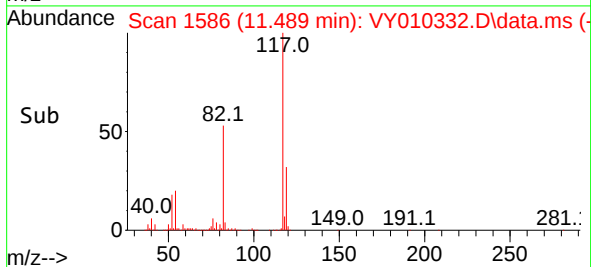
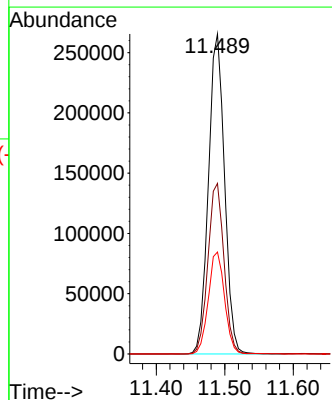
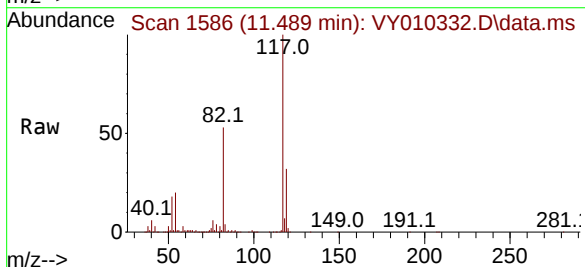
Tgt Ion: 117 Resp: 434177

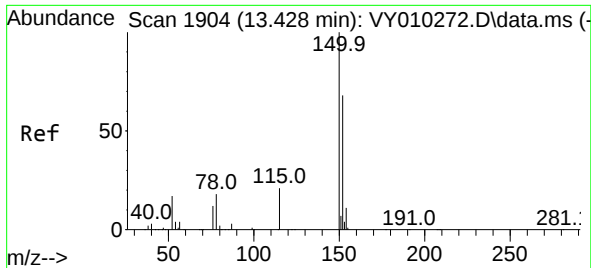
Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 31.8 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: VY010332.D
 Acq: 03 Sep 2022 19:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-7.5-8.0

Tgt Ion:152 Resp: 213833

Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.7
150	157.4	0.0	347.6

