

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011053.D
 Acq On : 21 Oct 2022 16:15
 Operator : KP/MD
 Sample : N5217-21
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-E2-7.5-8.0

Quant Time: Oct 22 01:23:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

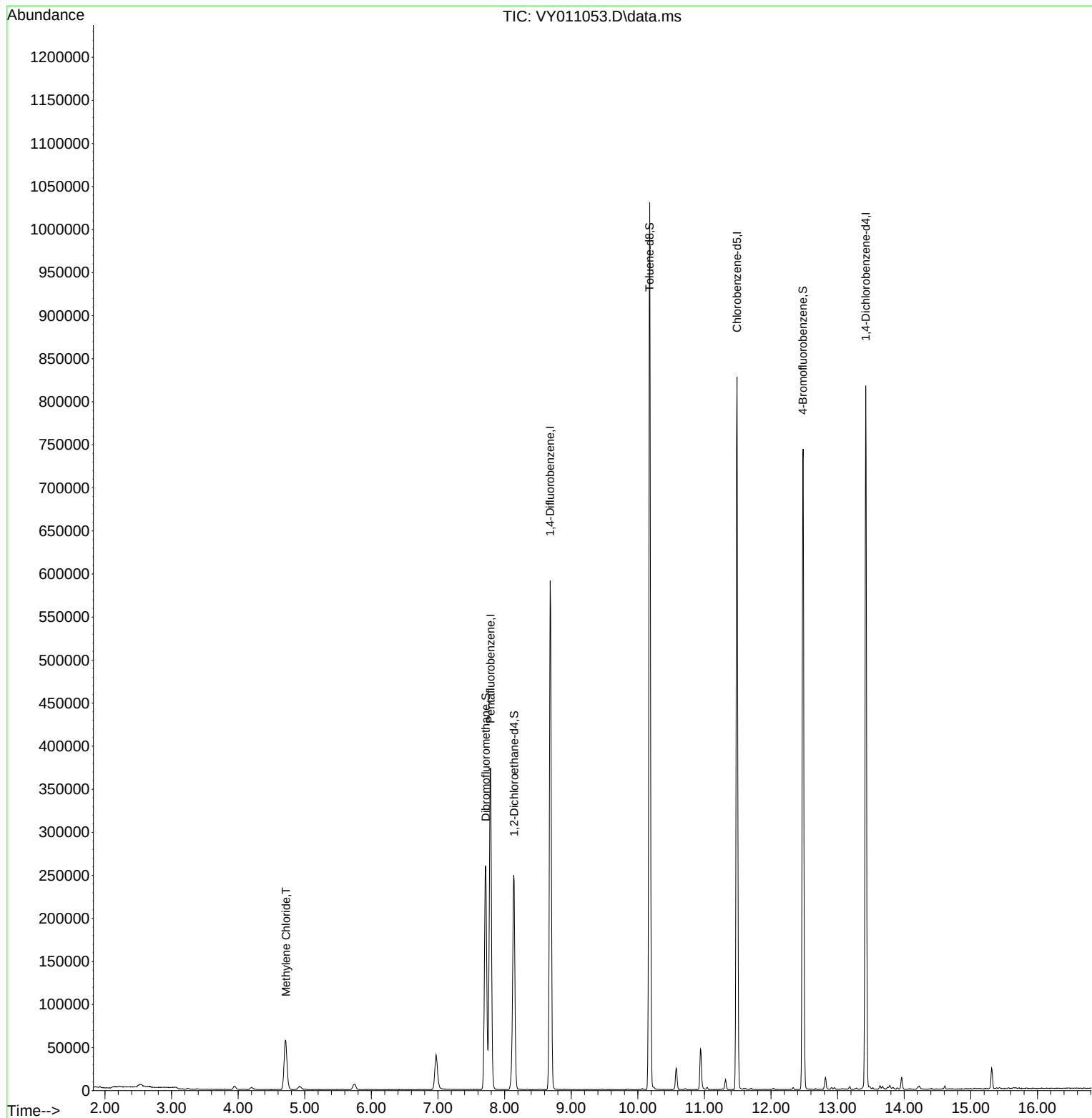
Internal Standards						
1) Pentafluorobenzene	7.789	168	299568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	514526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	456389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	186143	67.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.920%	
35) Dibromofluoromethane	7.716	113	191947	67.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 135.380%	
50) Toluene-d8	10.179	98	665606	61.955	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.920%	
62) 4-Bromofluorobenzene	12.477	95	231754	61.612	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.220%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	45857	7.799	ug/l	# 83

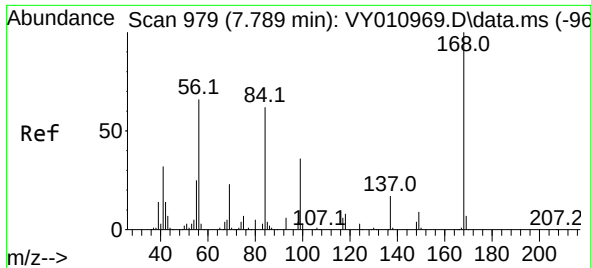
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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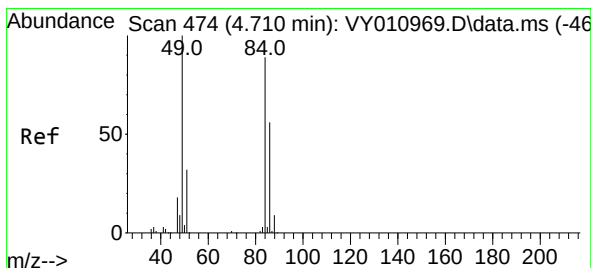
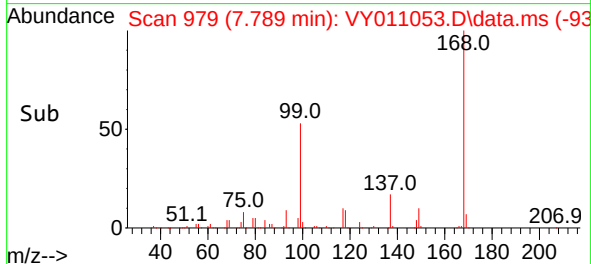
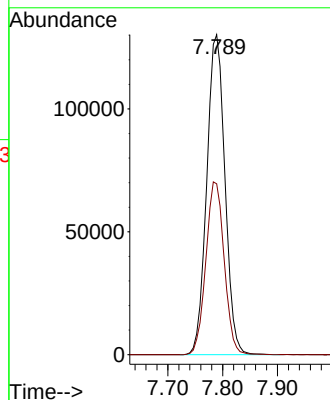
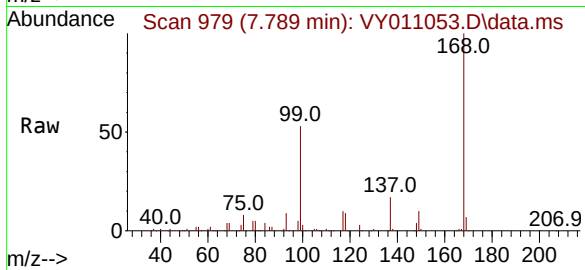




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011053.D
Acq: 21 Oct 2022 16:15

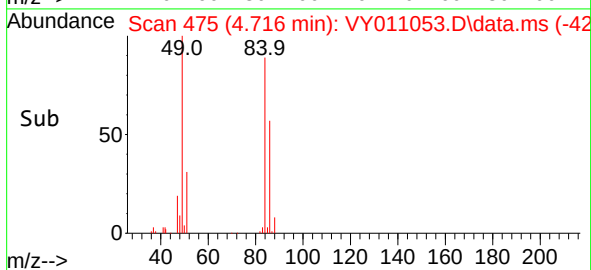
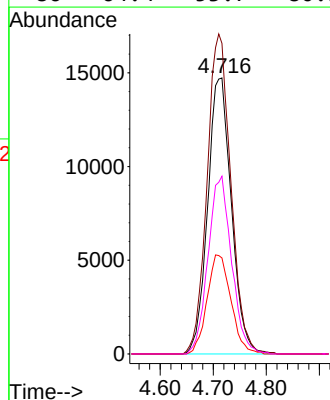
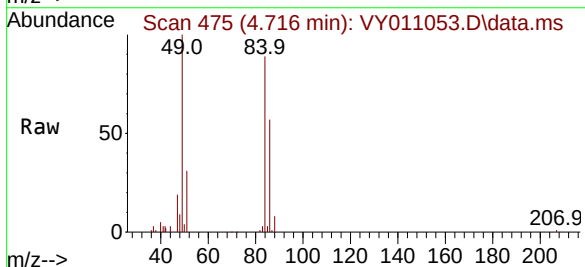
Instrument :
MSVOA_Y
ClientSampleId :
SB-E2-7.5-8.0

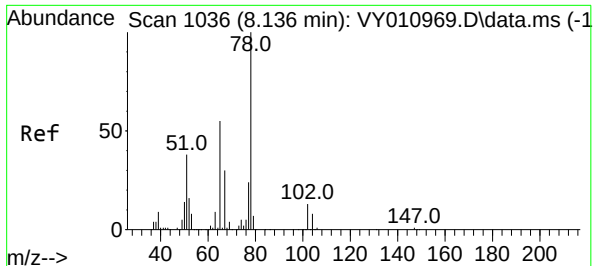
Tgt Ion:168 Resp: 299568
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#20
Methylene Chloride
Concen: 7.799 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011053.D
Acq: 21 Oct 2022 16:15

Tgt Ion: 84 Resp: 45857
Ion Ratio Lower Upper
84 100
49 112.5 114.4 171.6#
51 34.8 35.3 52.9#
86 64.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 67.456 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY011053.D

Acq: 21 Oct 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

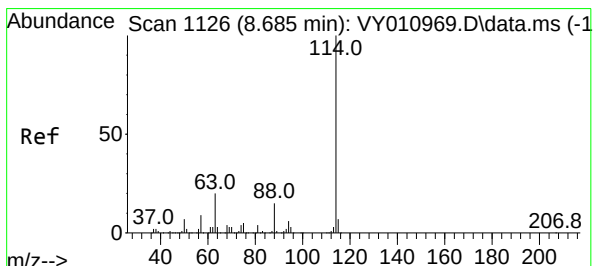
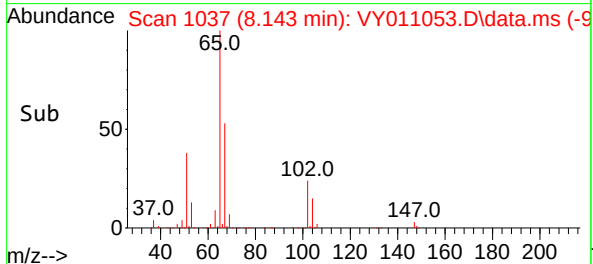
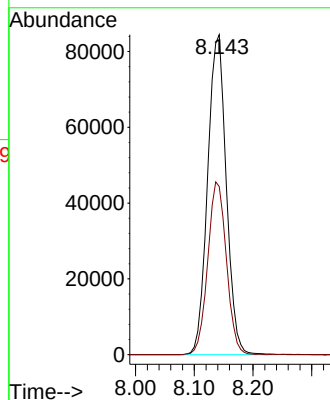
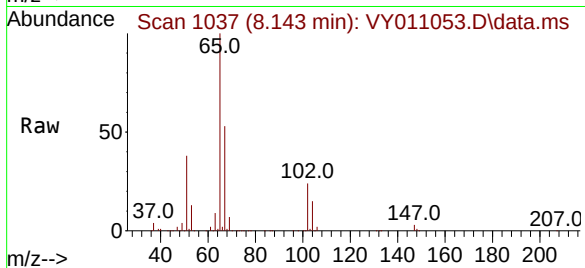
SB-E2-7.5-8.0

Tgt Ion: 65 Resp: 186143

Ion Ratio Lower Upper

65 100

67 54.0 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: VY011053.D

Acq: 21 Oct 2022 16:15

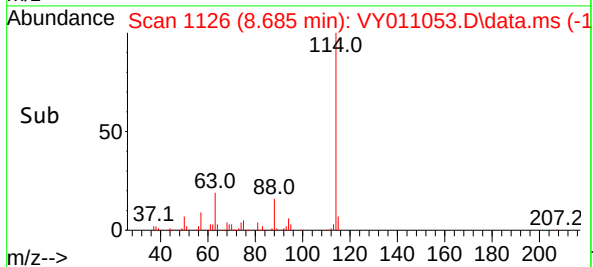
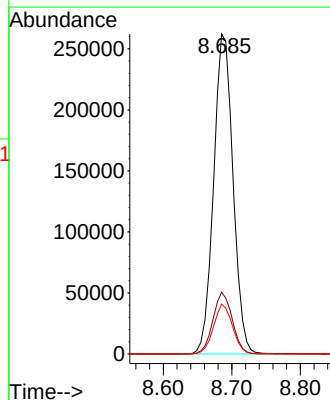
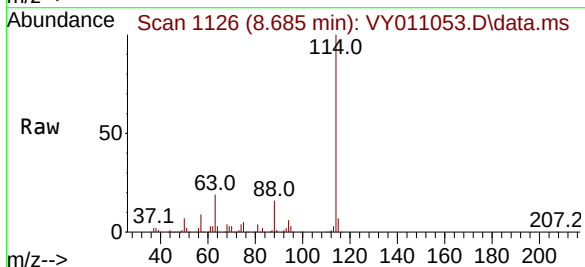
Tgt Ion: 114 Resp: 514526

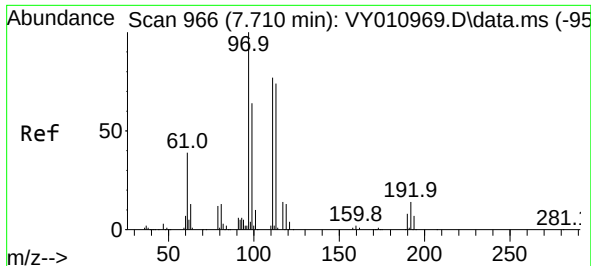
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.6 0.0 31.8

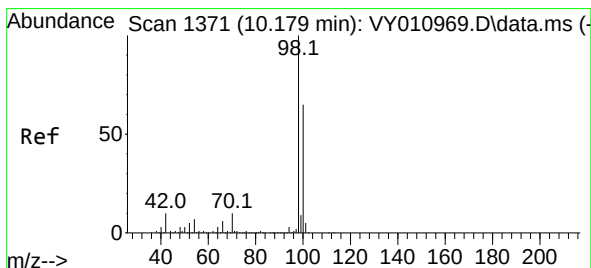
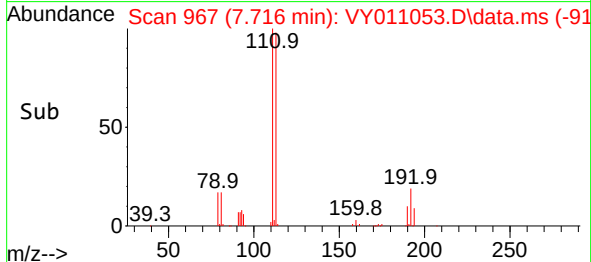
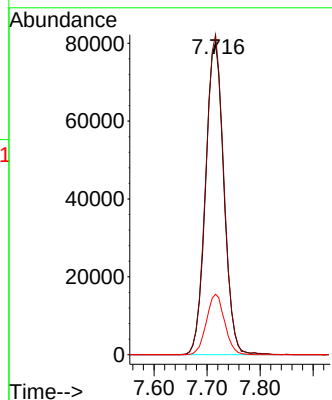
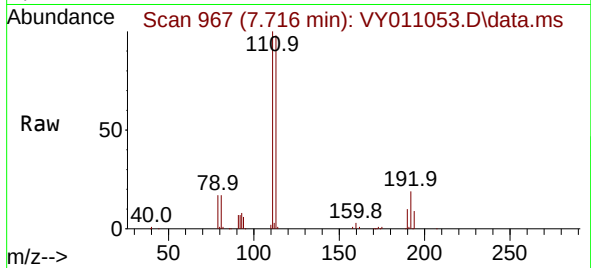




#35
Dibromofluoromethane
Concen: 67.687 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011053.D
Acq: 21 Oct 2022 16:15

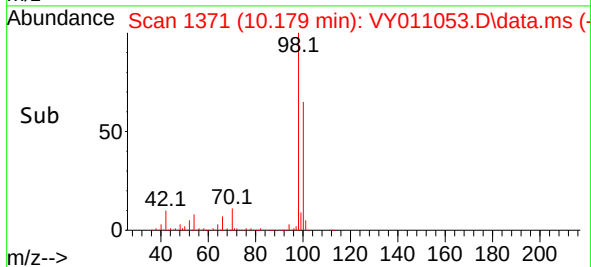
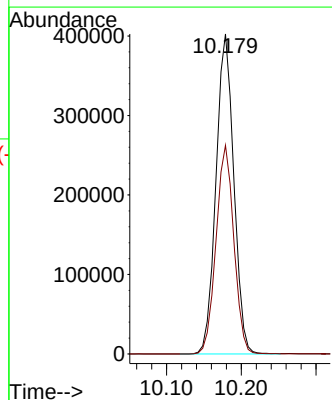
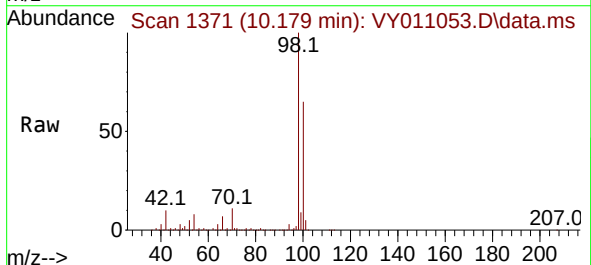
Instrument :
MSVOA_Y
ClientSampleId :
SB-E2-7.5-8.0

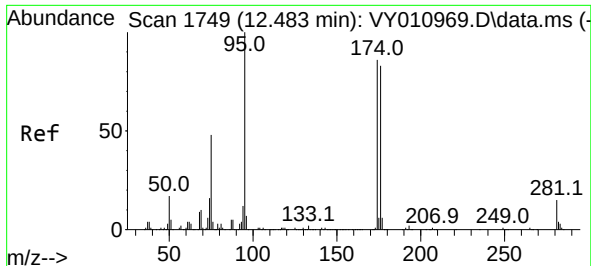
Tgt Ion:113 Resp: 191947
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 61.955 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011053.D
Acq: 21 Oct 2022 16:15

Tgt Ion: 98 Resp: 665606
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 61.612 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011053.D

Acq: 21 Oct 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-E2-7.5-8.0

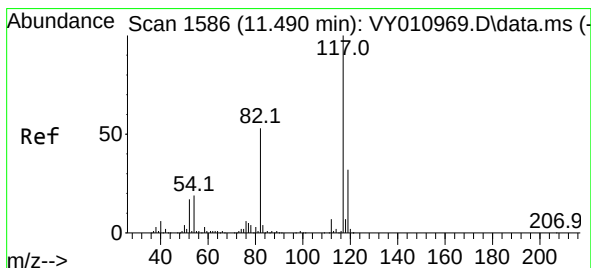
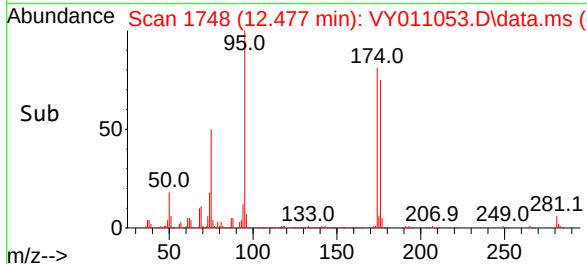
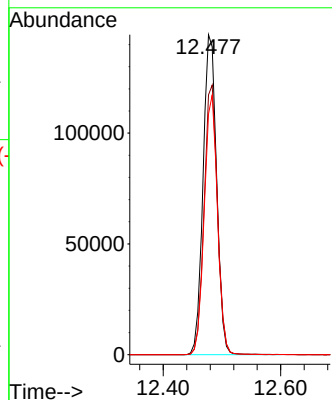
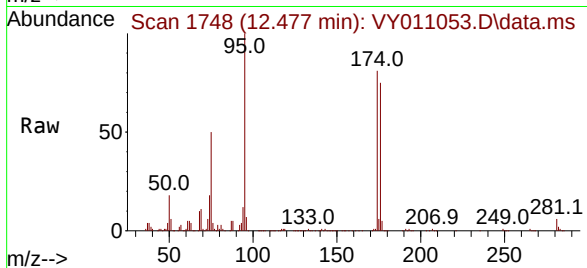
Tgt Ion: 95 Resp: 231754

Ion Ratio Lower Upper

95 100

174 83.2 0.0 177.0

176 79.3 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: VY011053.D

Acq: 21 Oct 2022 16:15

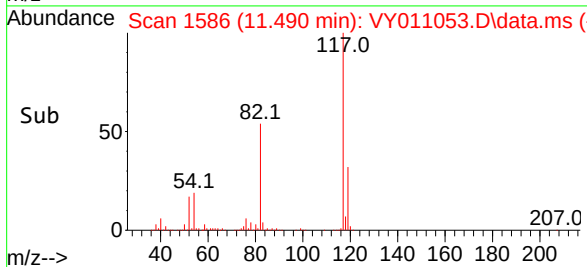
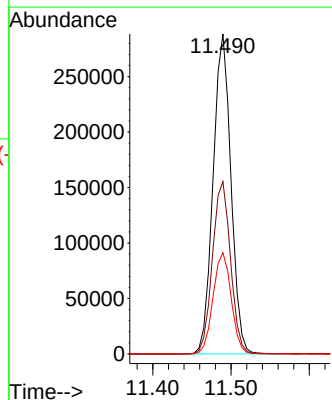
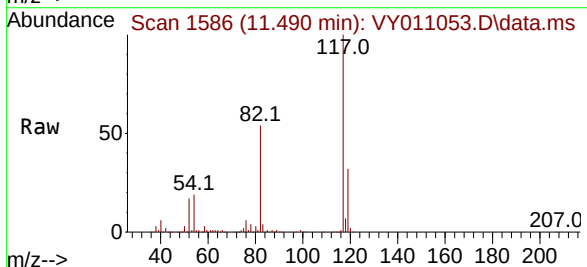
Tgt Ion: 117 Resp: 456389

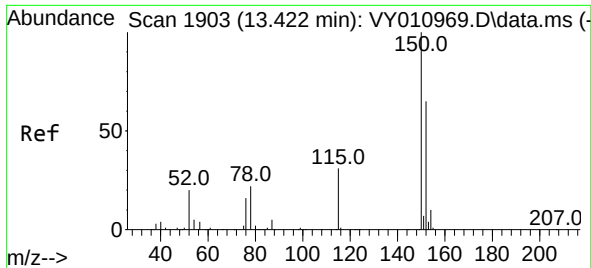
Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.4

119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011053.D
 Acq: 21 Oct 2022 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-E2-7.5-8.0

Tgt Ion:152 Resp: 212017
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.2 84.7
 150 157.6 0.0 347.6

