

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011052.D
 Acq On : 21 Oct 2022 15:53
 Operator : KP/MD
 Sample : N5217-19
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-E1-7.5-8.0

Quant Time: Oct 22 01:23:41 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)

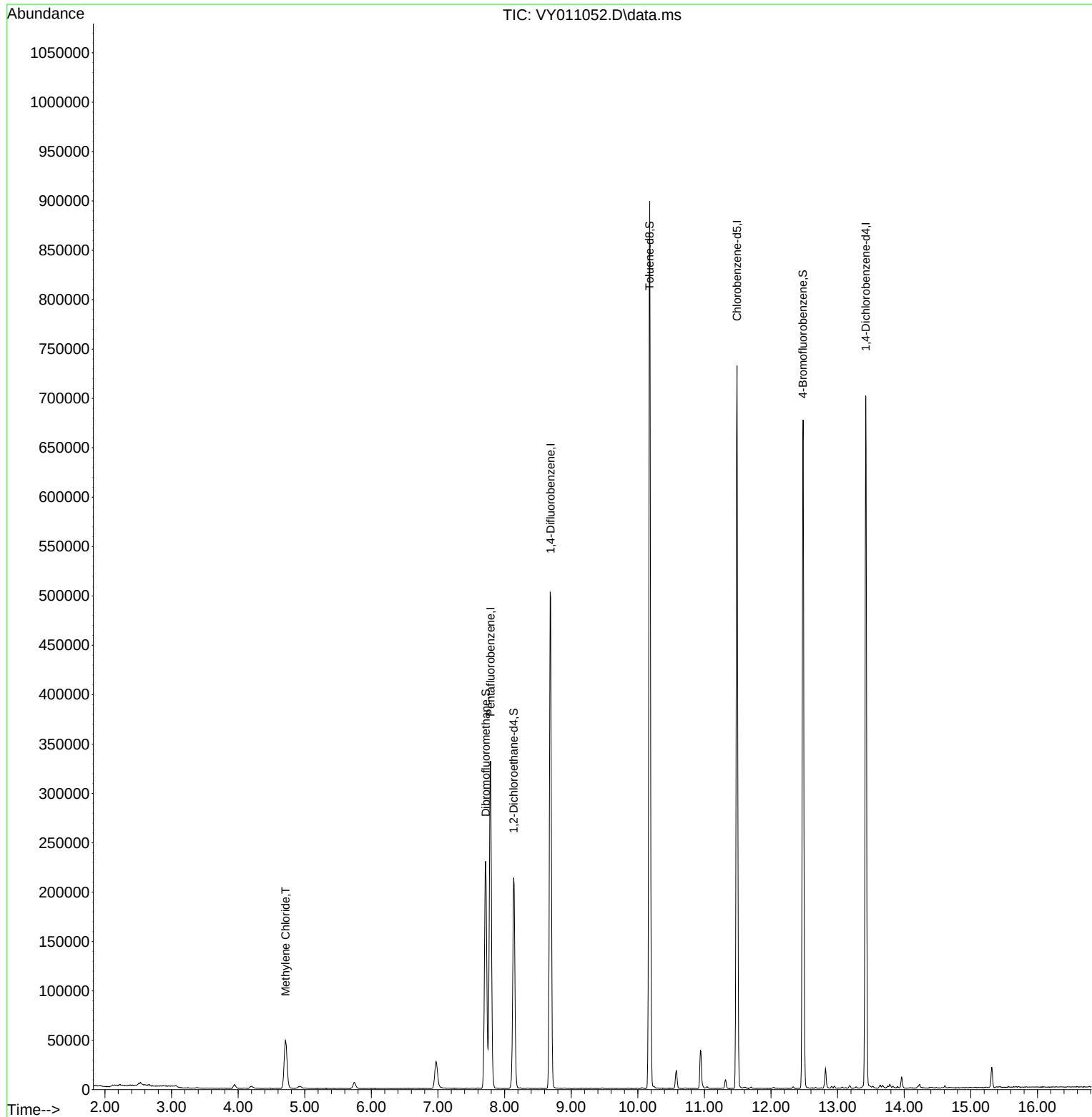
Internal Standards						
1) Pentafluorobenzene	7.789	168	261978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	448311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	396720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	162041	67.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.300%
35) Dibromofluoromethane	7.716	113	169394	68.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.180%
50) Toluene-d8	10.179	98	598827	63.972	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	127.940%
62) 4-Bromofluorobenzene	12.477	95	205088	62.627	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.260%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	38143	7.065	ug/l	86

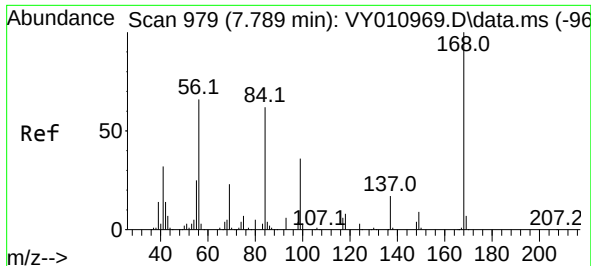
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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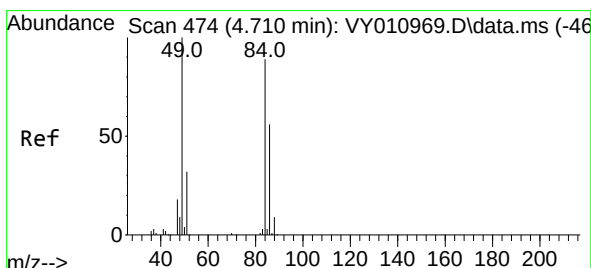
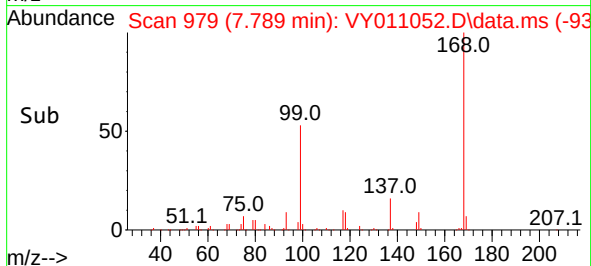
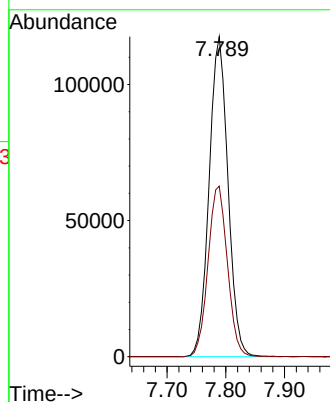
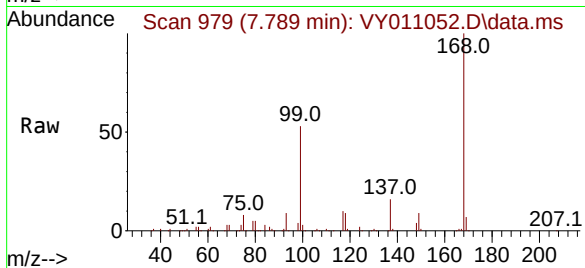




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011052.D
Acq: 21 Oct 2022 15:53

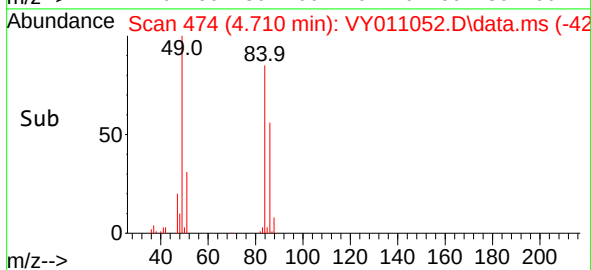
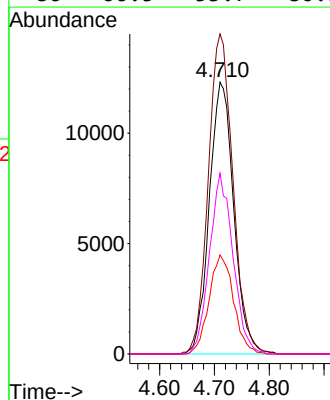
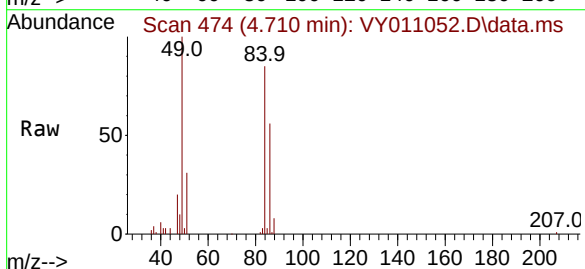
Instrument :
MSVOA_Y
ClientSampleId :
SB-E1-7.5-8.0

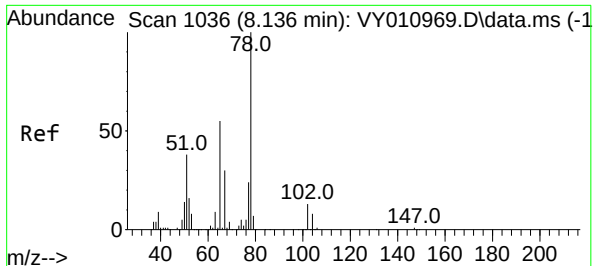
Tgt Ion:168 Resp: 261978
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#20
Methylene Chloride
Concen: 7.065 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011052.D
Acq: 21 Oct 2022 15:53

Tgt Ion: 84 Resp: 38143
Ion Ratio Lower Upper
84 100
49 117.8 114.4 171.6
51 36.5 35.3 52.9
86 66.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 67.148 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY011052.D

Acq: 21 Oct 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

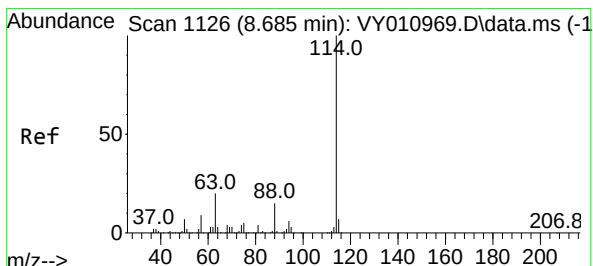
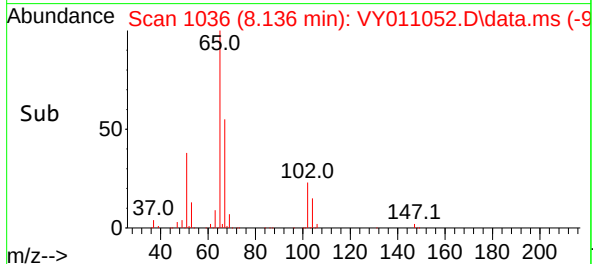
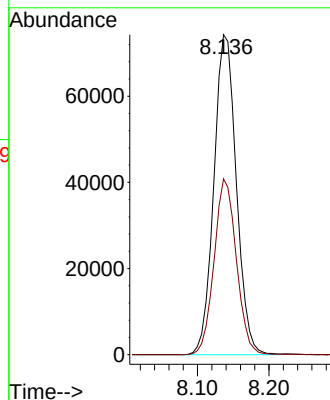
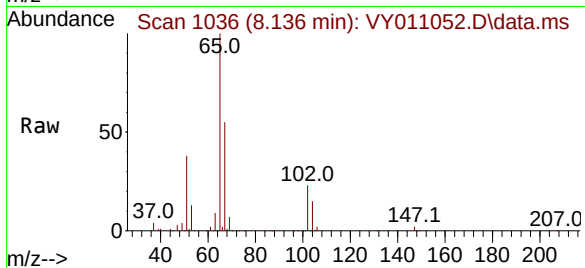
SB-E1-7.5-8.0

Tgt Ion: 65 Resp: 162041

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011052.D

Acq: 21 Oct 2022 15:53

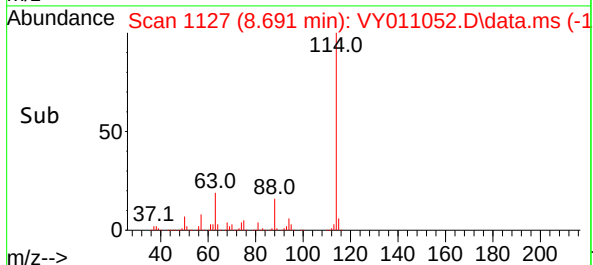
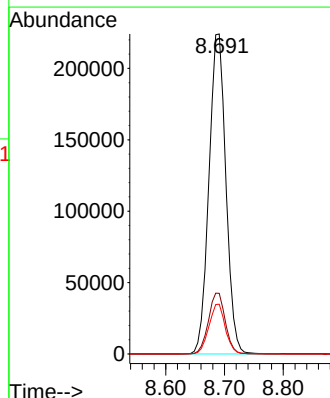
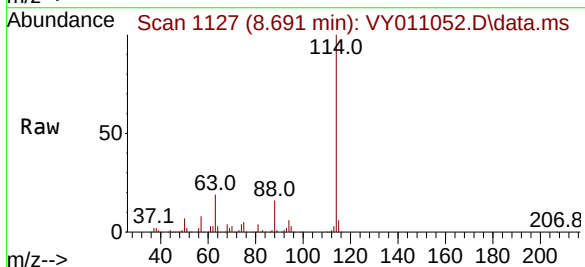
Tgt Ion: 114 Resp: 448311

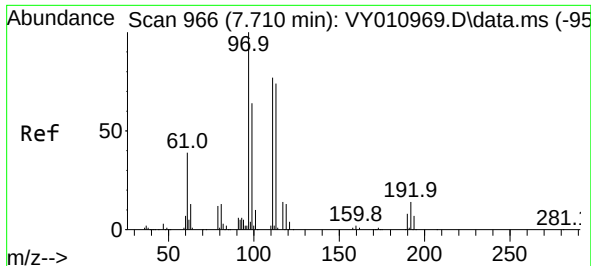
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.5 0.0 31.8

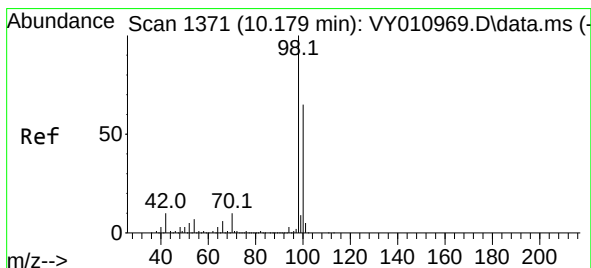
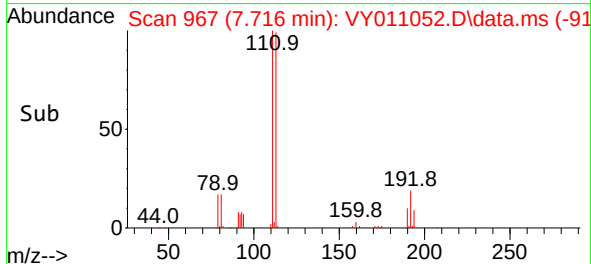
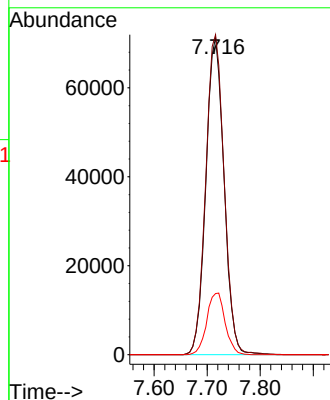
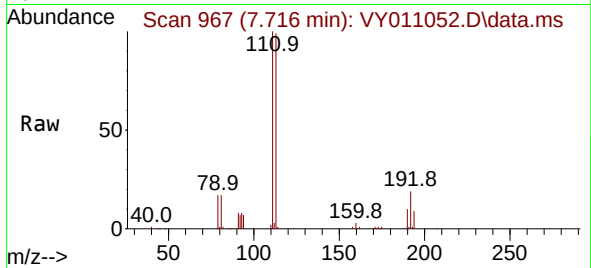




#35
Dibromofluoromethane
Concen: 68.586 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011052.D
Acq: 21 Oct 2022 15:53

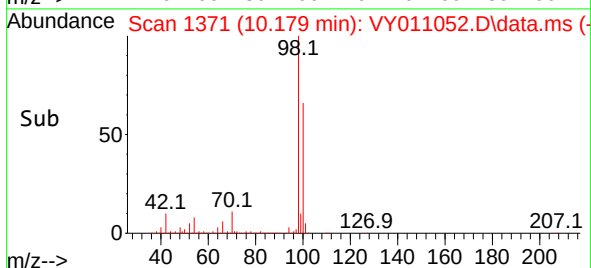
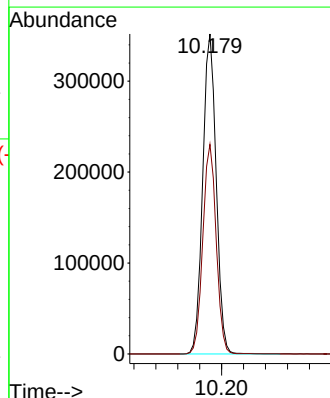
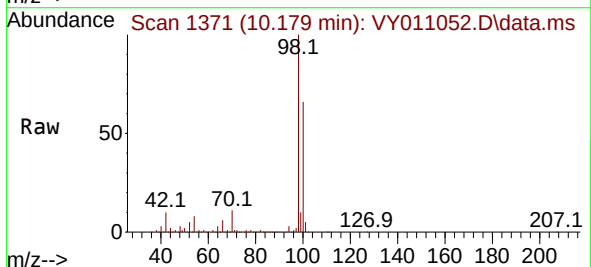
Instrument :
MSVOA_Y
ClientSampleId :
SB-E1-7.5-8.0

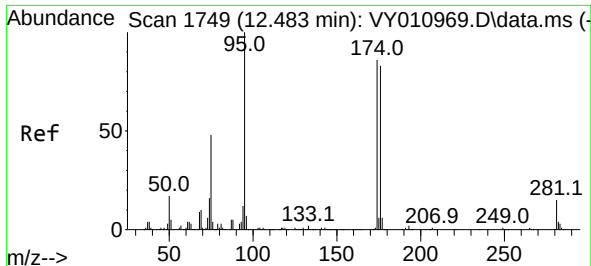
Tgt Ion:113 Resp: 169394
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.7 17.6 26.4



#50
Toluene-d8
Concen: 63.972 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011052.D
Acq: 21 Oct 2022 15:53

Tgt Ion: 98 Resp: 598827
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 62.627 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011052.D

Acq: 21 Oct 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-E1-7.5-8.0

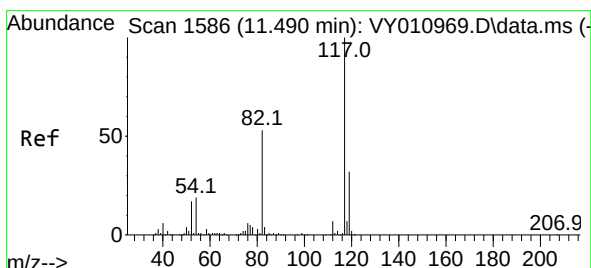
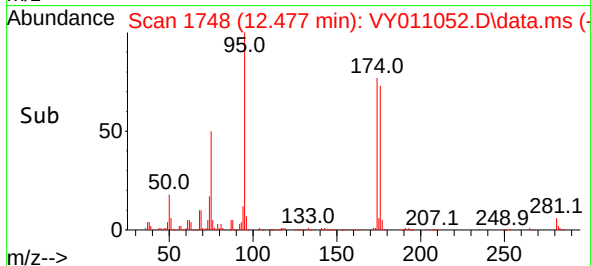
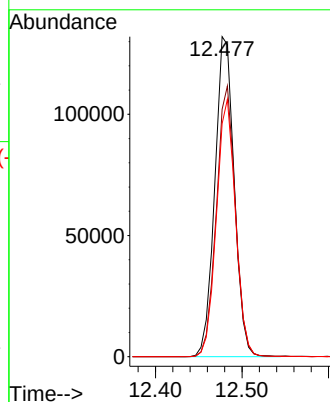
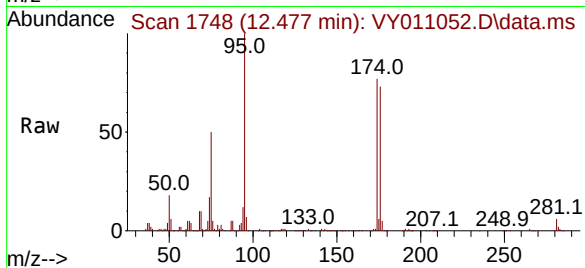
Tgt Ion: 95 Resp: 205088

Ion Ratio Lower Upper

95 100

174 83.4 0.0 177.0

176 79.3 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: VY011052.D

Acq: 21 Oct 2022 15:53

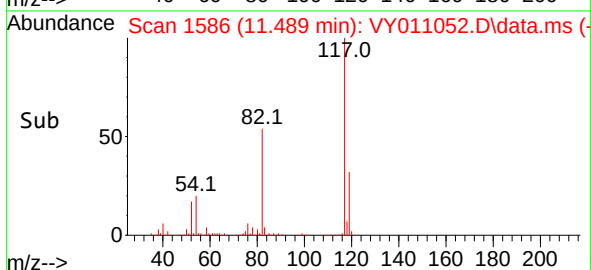
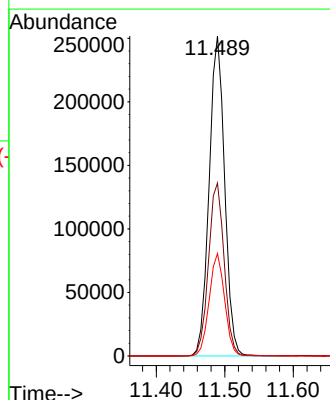
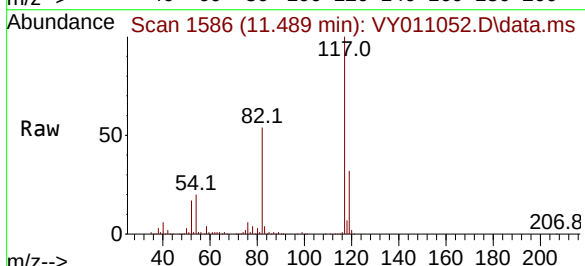
Tgt Ion: 117 Resp: 396720

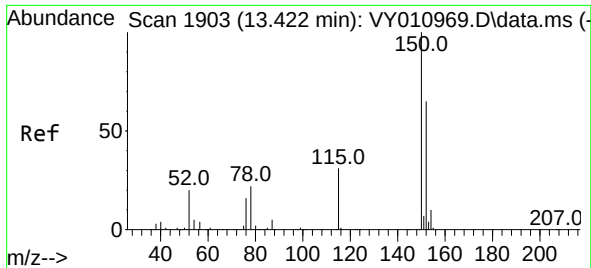
Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 32.0 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: VY011052.D
 Acq: 21 Oct 2022 15:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-E1-7.5-8.0

Tgt Ion:152 Resp: 184850
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.2 84.7
 150 156.6 0.0 347.6

