

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011362.D
 Acq On : 08 Nov 2022 15:18
 Operator : KP/MD
 Sample : N5495-11RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14RE

Quant Time: Nov 08 15:29:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

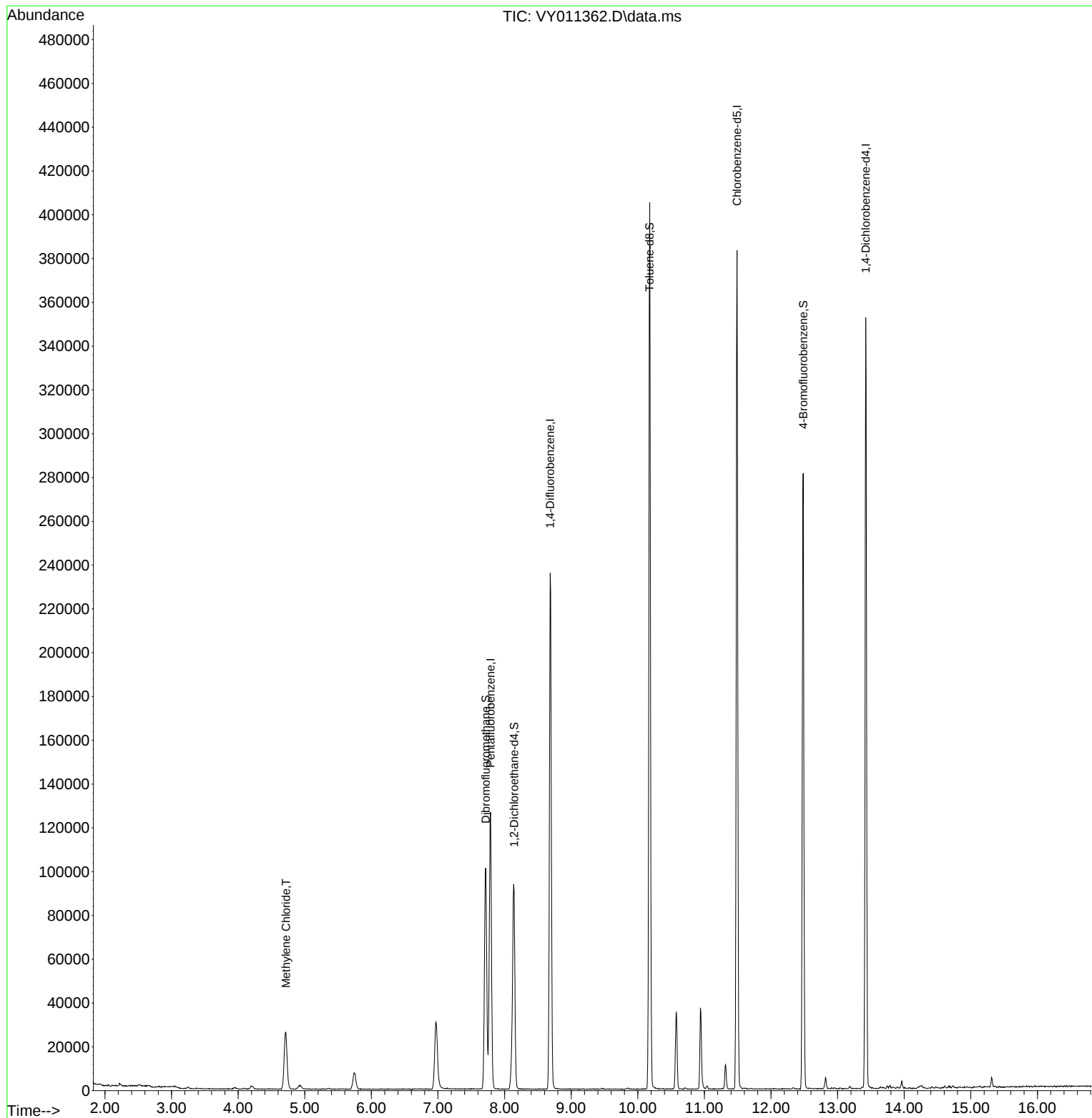
Internal Standards						
1) Pentafluorobenzene	7.789	168	101892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	217877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69516	63.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.580%	
35) Dibromofluoromethane	7.716	113	73804	54.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.260%	
50) Toluene-d8	10.179	98	269677	50.947	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.483	95	87557	47.647	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.300%	
Target Compounds						
20) Methylene Chloride	4.716	84	21049	11.805	ug/l	Qvalue # 78

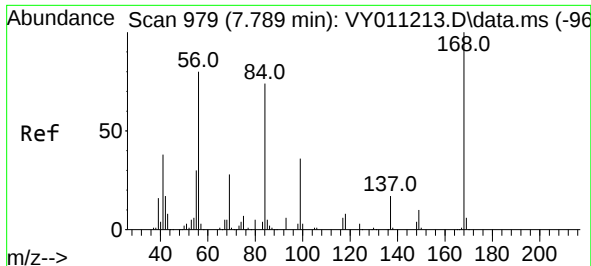
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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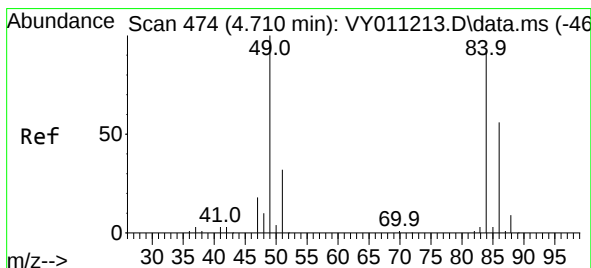
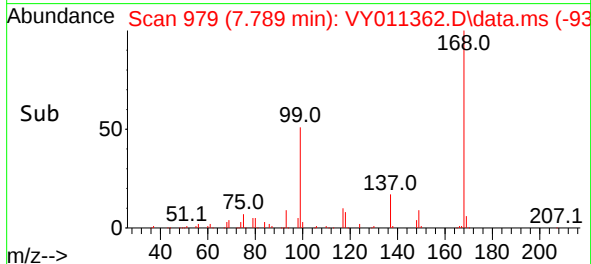
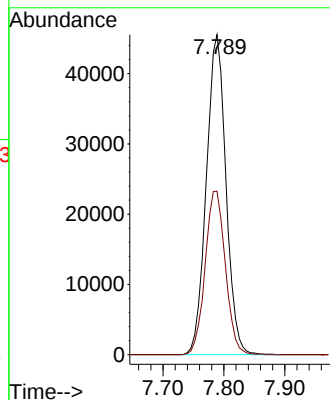
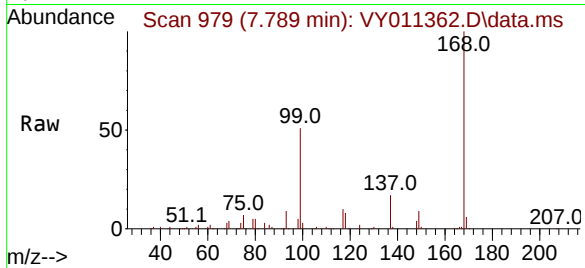




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011362.D
Acq: 08 Nov 2022 15:18

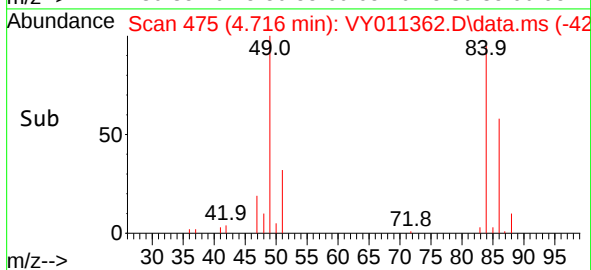
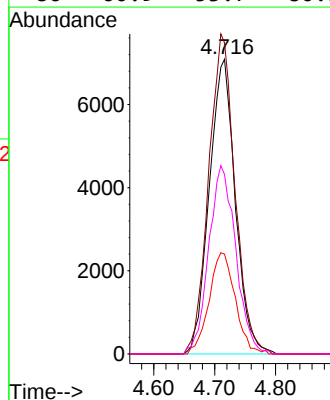
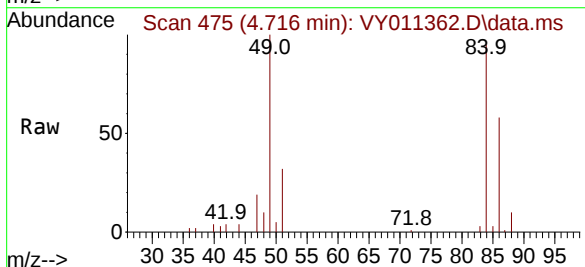
Instrument :
MSVOA_Y
ClientSampleId :
SB-14RE

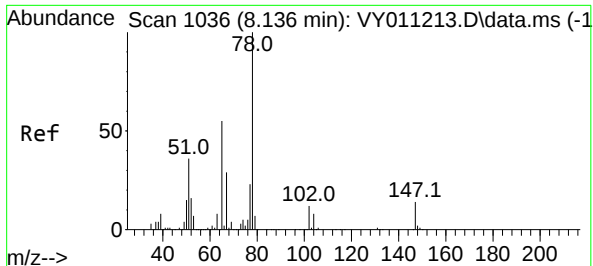
Tgt Ion:168 Resp: 101892
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#20
Methylene Chloride
Concen: 11.805 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011362.D
Acq: 08 Nov 2022 15:18

Tgt Ion: 84 Resp: 21049
Ion Ratio Lower Upper
84 100
49 105.6 114.4 171.6#
51 33.9 35.3 52.9#
86 60.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 63.791 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY011362.D

Acq: 08 Nov 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

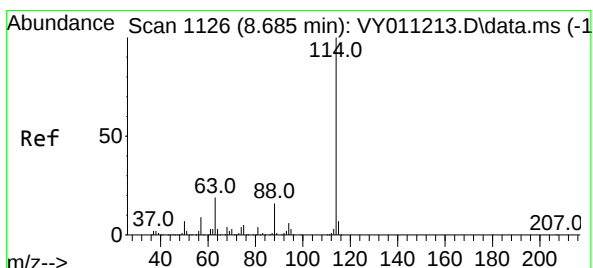
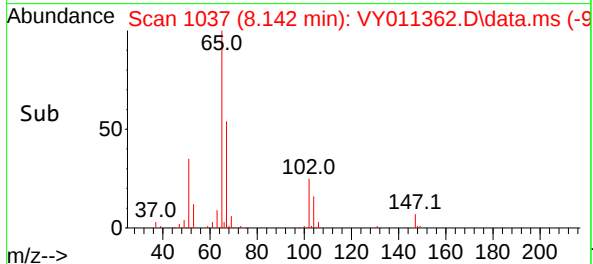
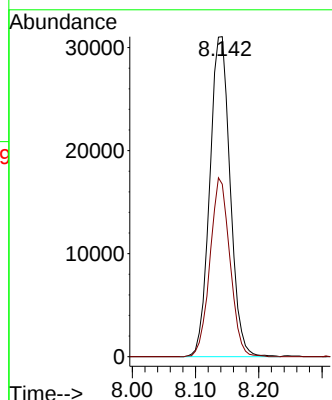
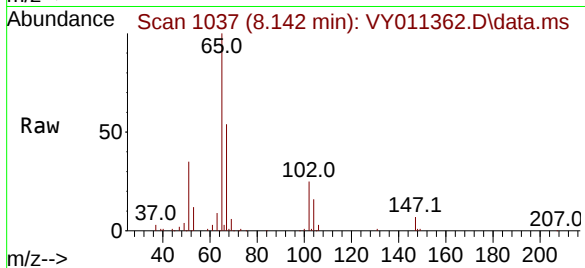
SB-14RE

Tgt Ion: 65 Resp: 69516

Ion Ratio Lower Upper

65 100

67 54.6 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: VY011362.D

Acq: 08 Nov 2022 15:18

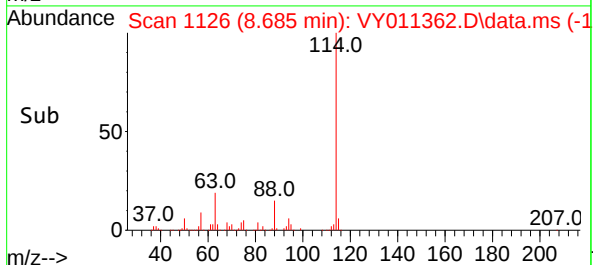
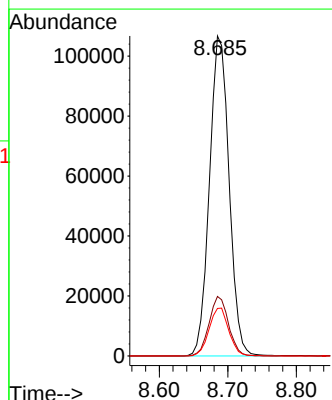
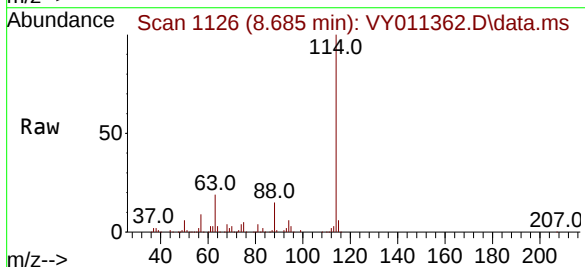
Tgt Ion: 114 Resp: 212194

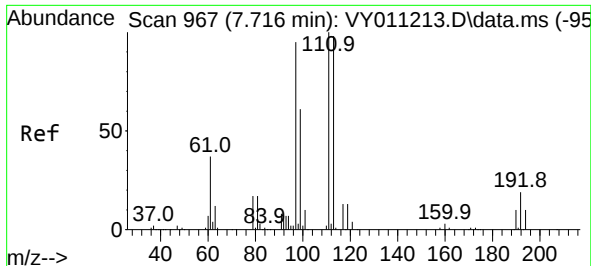
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.8 0.0 31.8

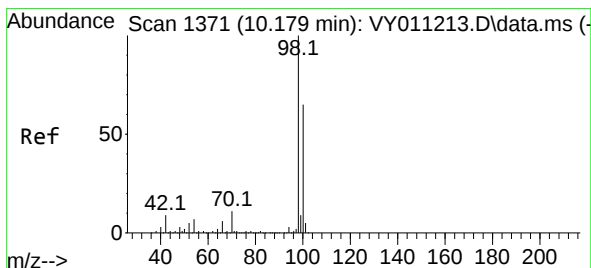
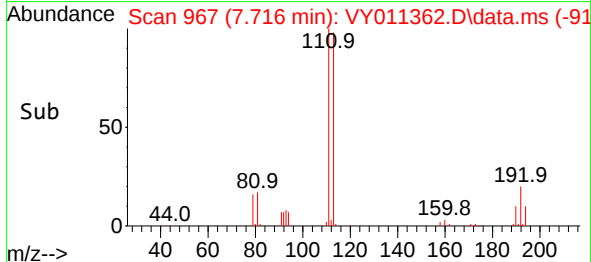
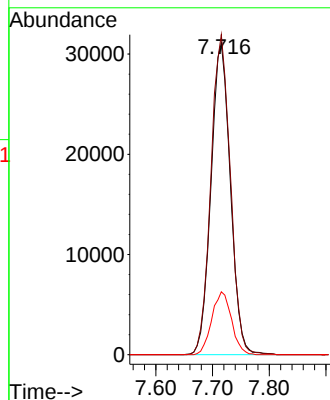
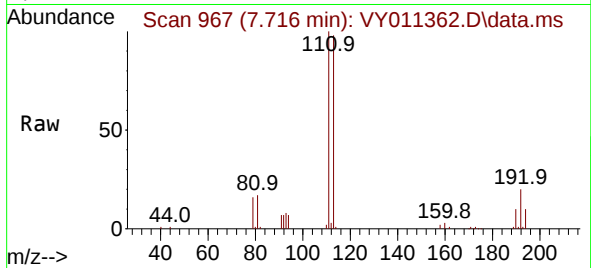




#35
Dibromofluoromethane
Concen: 54.135 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011362.D
Acq: 08 Nov 2022 15:18

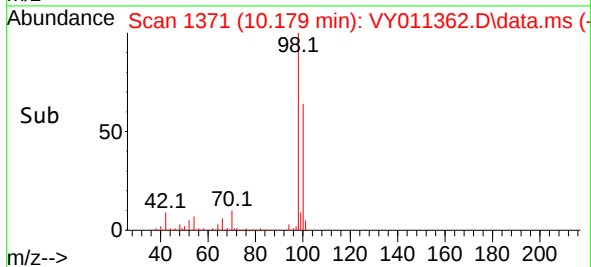
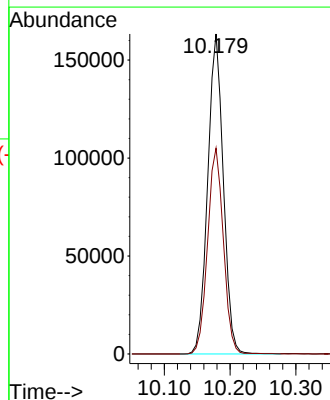
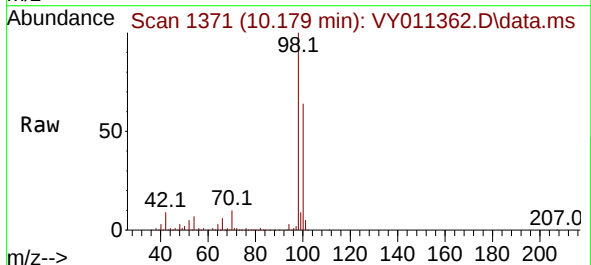
Instrument :
MSVOA_Y
ClientSampleId :
SB-14RE

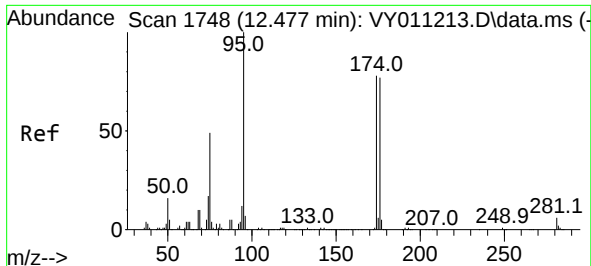
Tgt Ion:113 Resp: 73804
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 20.5 17.6 26.4



#50
Toluene-d8
Concen: 50.947 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011362.D
Acq: 08 Nov 2022 15:18

Tgt Ion: 98 Resp: 269677
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 47.647 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011362.D

Acq: 08 Nov 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-14RE

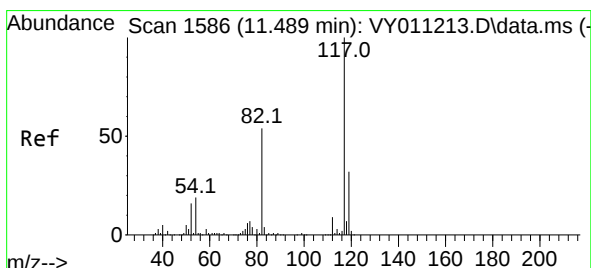
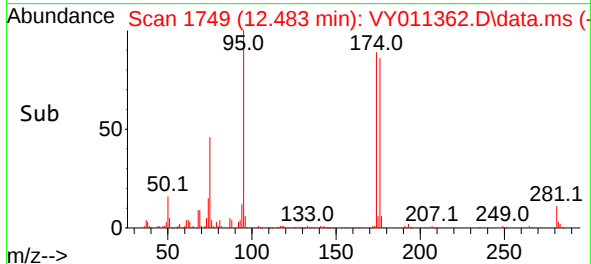
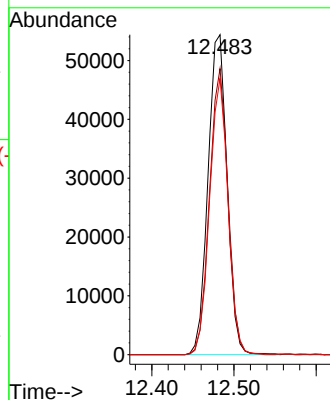
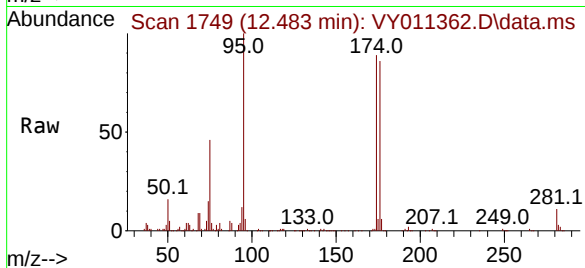
Tgt Ion: 95 Resp: 87557

Ion Ratio Lower Upper

95 100

174 87.2 0.0 177.0

176 83.3 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: VY011362.D

Acq: 08 Nov 2022 15:18

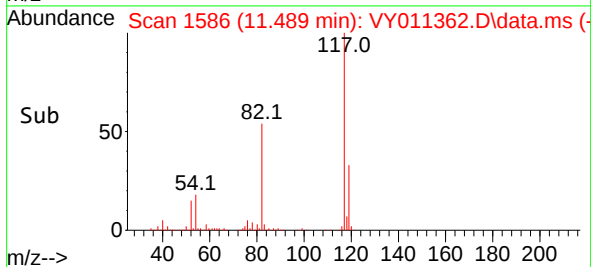
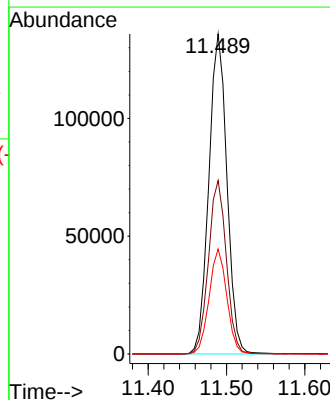
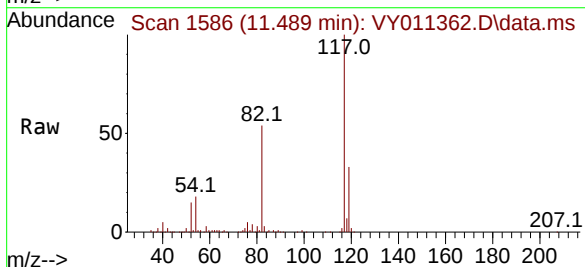
Tgt Ion: 117 Resp: 217877

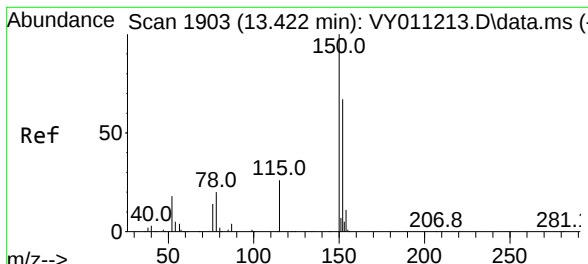
Ion Ratio Lower Upper

117 100

82 54.2 43.0 64.4

119 32.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011362.D
 Acq: 08 Nov 2022 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14RE

Tgt Ion:	152	Resp:	95542
Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.2	84.7
150	157.4	0.0	347.6

