

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011361.D
 Acq On : 08 Nov 2022 14:55
 Operator : KP/MD
 Sample : N5495-05RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31BRE

Quant Time: Nov 08 17:22:32 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)

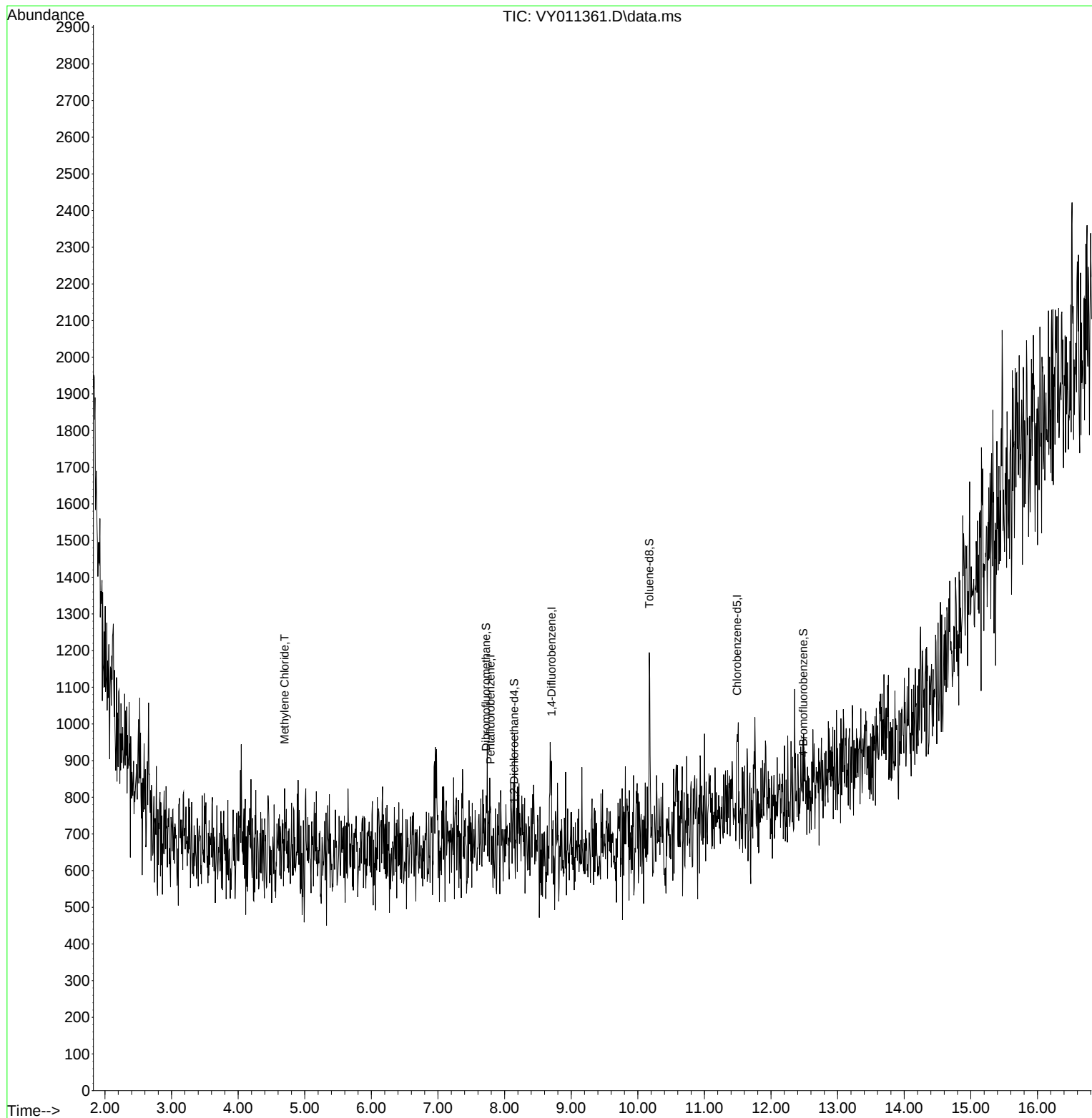
Internal Standards						
1) Pentafluorobenzene	7.789	168	136	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.703	114	459	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.490	117	290	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	163	112.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	224.120%#
35) Dibromofluoromethane	7.722	113	102	34.587	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.180%
50) Toluene-d8	10.173	98	324	28.297	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	56.600%
62) 4-Bromofluorobenzene	12.483	95	31	7.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	15.600%#
Target Compounds						
						Qvalue
20) Methylene Chloride	4.698	84	30	12.985	ug/l	# 1

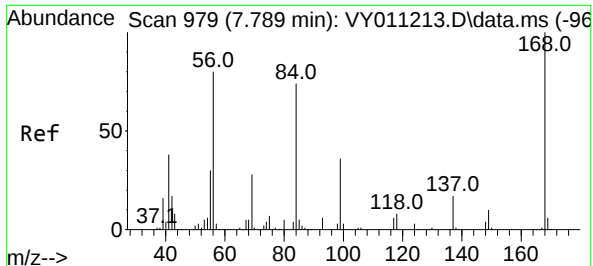
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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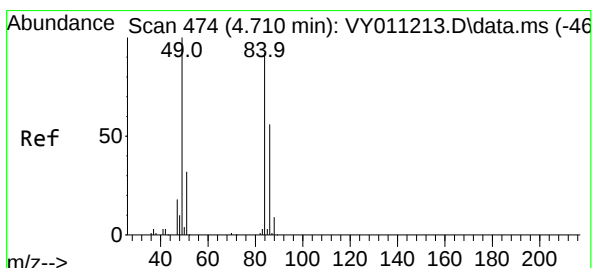
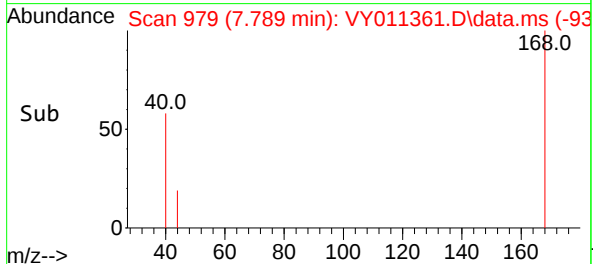
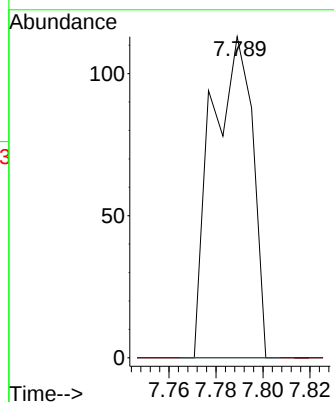
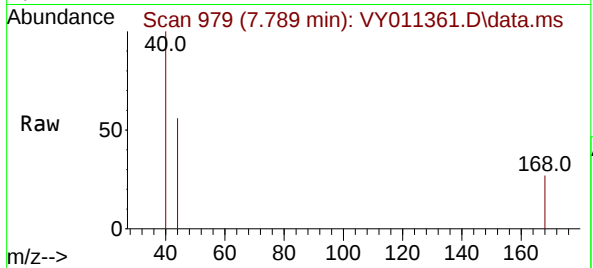




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011361.D
Acq: 08 Nov 2022 14:55

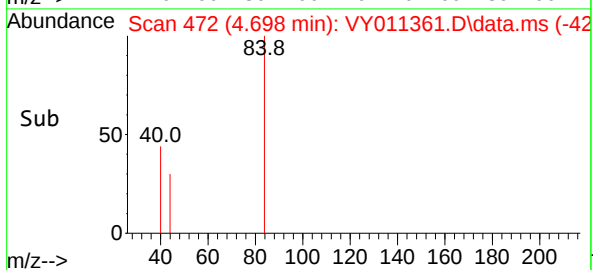
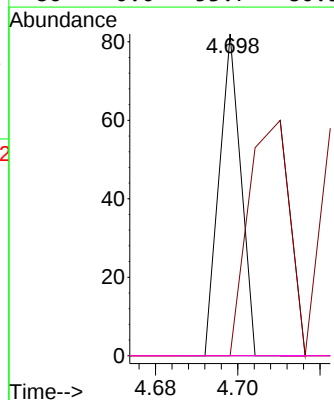
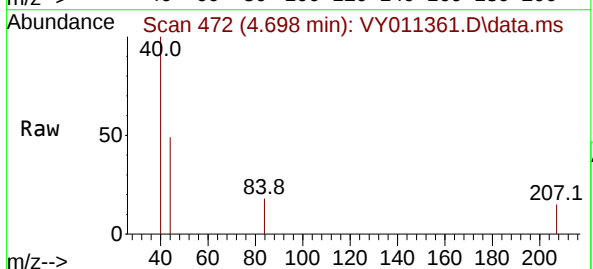
Instrument :
MSVOA_Y
ClientSampleId :
SB-31BRE

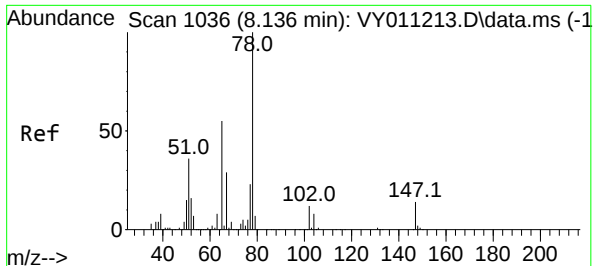
Tgt Ion:168 Resp: 136
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#20
Methylene Chloride
Concen: 12.985 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY011361.D
Acq: 08 Nov 2022 14:55

Tgt Ion: 84 Resp: 30
Ion Ratio Lower Upper
84 100
49 0.0 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 112.064 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY011361.D

Acq: 08 Nov 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

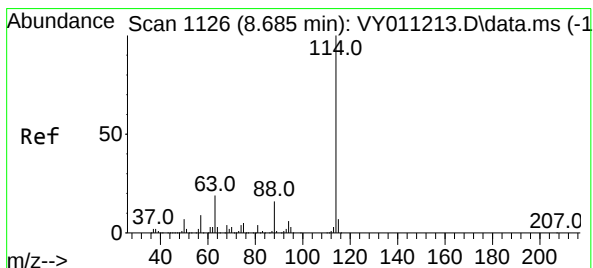
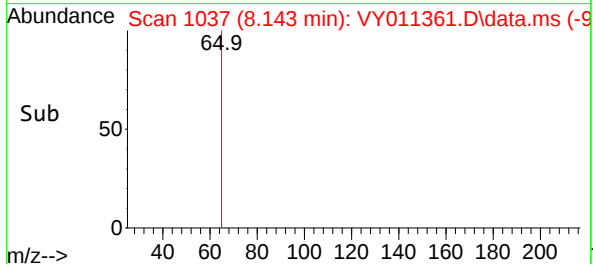
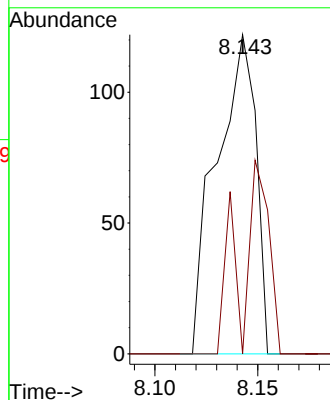
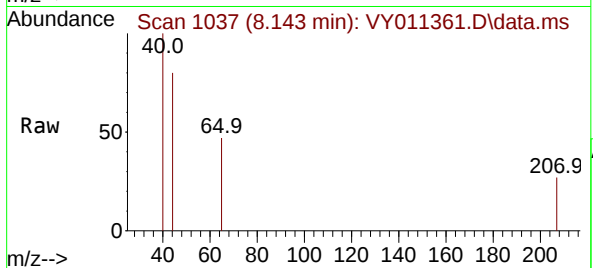
SB-31BRE

Tgt Ion: 65 Resp: 163

Ion Ratio Lower Upper

65 100

67 42.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.018 min

Lab File: VY011361.D

Acq: 08 Nov 2022 14:55

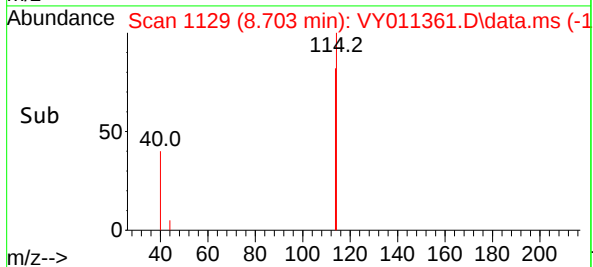
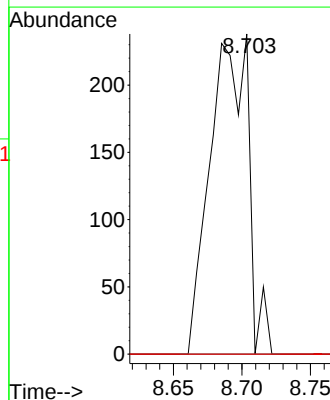
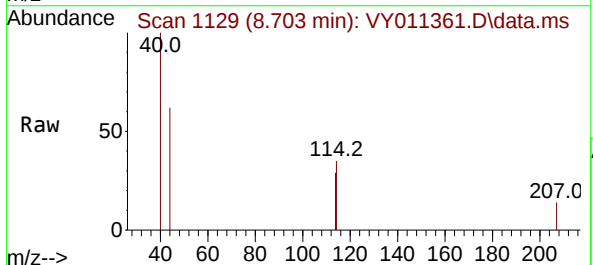
Tgt Ion: 114 Resp: 459

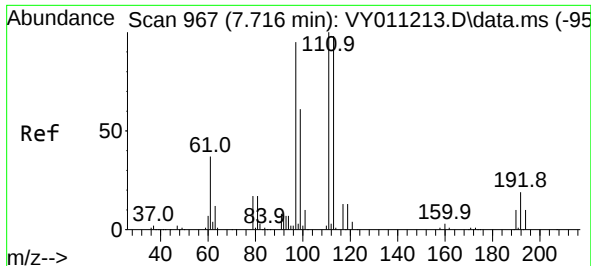
Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8

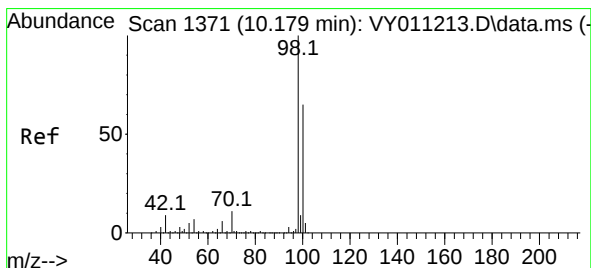
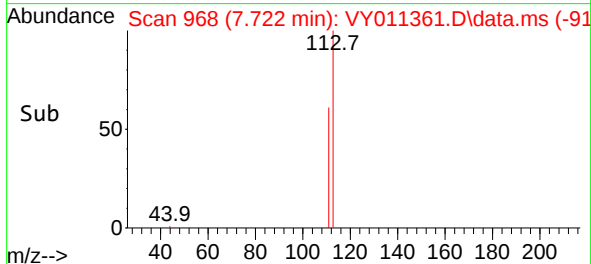
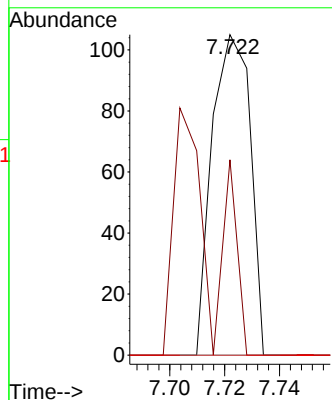
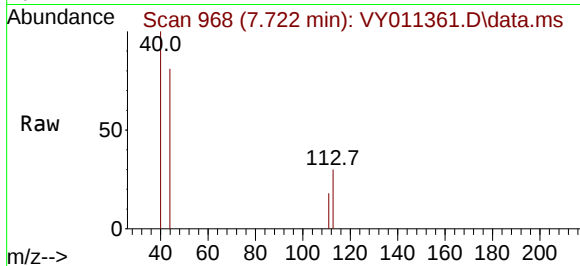




#35
Dibromofluoromethane
Concen: 34.587 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY011361.D
Acq: 08 Nov 2022 14:55

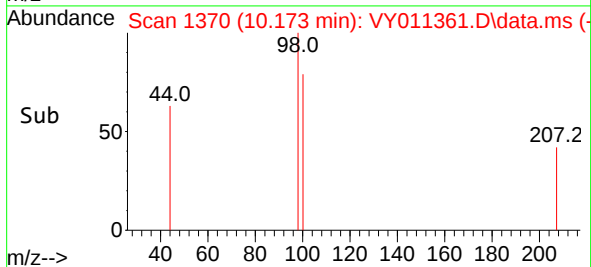
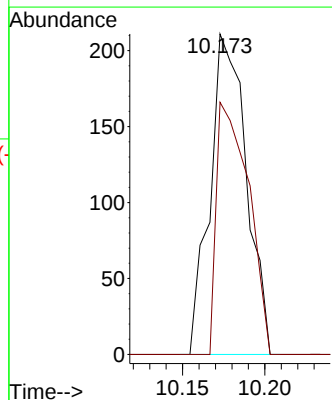
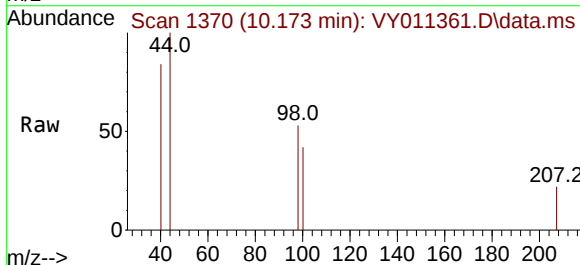
Instrument :
MSVOA_Y
ClientSampleId :
SB-31BRE

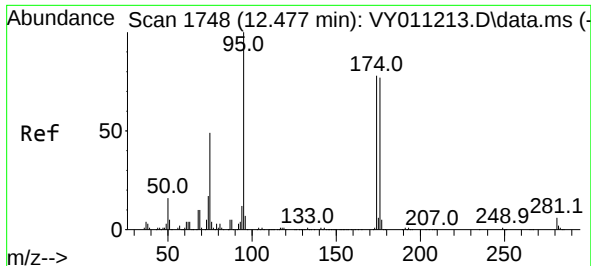
Tgt Ion:113 Resp: 102
Ion Ratio Lower Upper
113 100
111 76.5 82.6 124.0#
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 28.297 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY011361.D
Acq: 08 Nov 2022 14:55

Tgt Ion: 98 Resp: 324
Ion Ratio Lower Upper
98 100
100 69.8 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 7.799 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011361.D

Acq: 08 Nov 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-31BRE

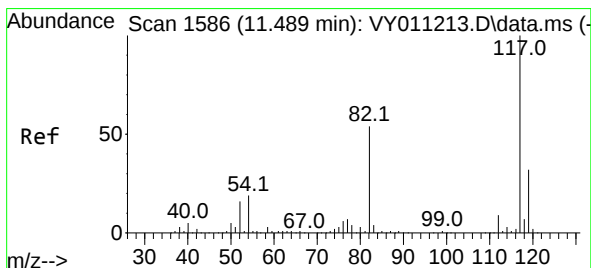
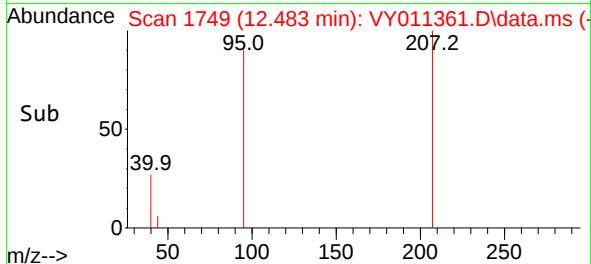
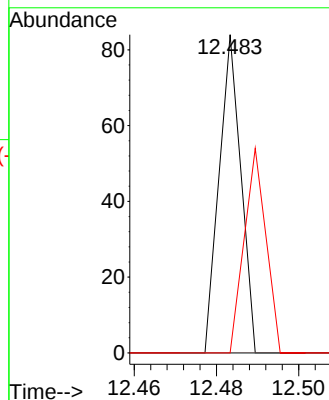
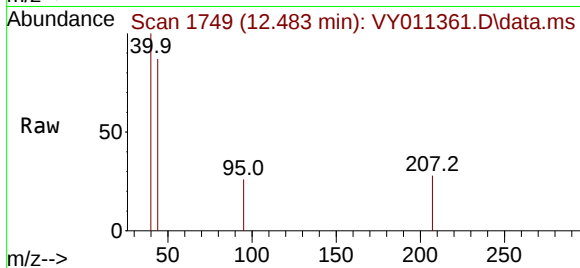
Tgt Ion: 95 Resp: 31

Ion Ratio Lower Upper

95 100

174 0.0 0.0 177.0

176 64.5 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: VY011361.D

Acq: 08 Nov 2022 14:55

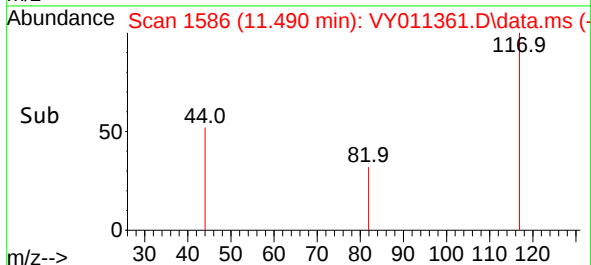
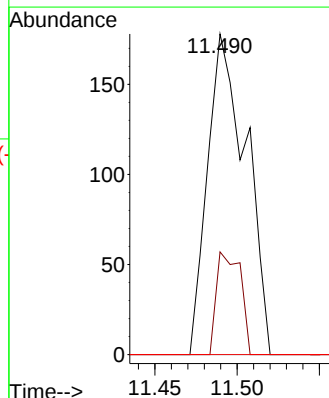
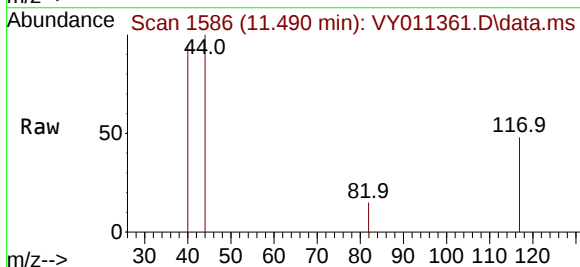
Tgt Ion: 117 Resp: 290

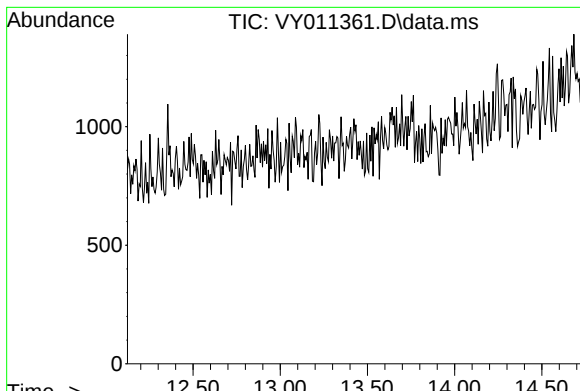
Ion Ratio Lower Upper

117 100

82 32.0 43.0 64.4#

119 0.0 25.4 38.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.42 min
 Lab File: VY011361.D
 Acq: 08 Nov 2022 14:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31BRE

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	56.5
150	173.8

