

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011138.D
 Acq On : 27 Oct 2022 14:56
 Operator : KP/MD
 Sample : N5281-05
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5S

Quant Time: Oct 28 00:47:02 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)

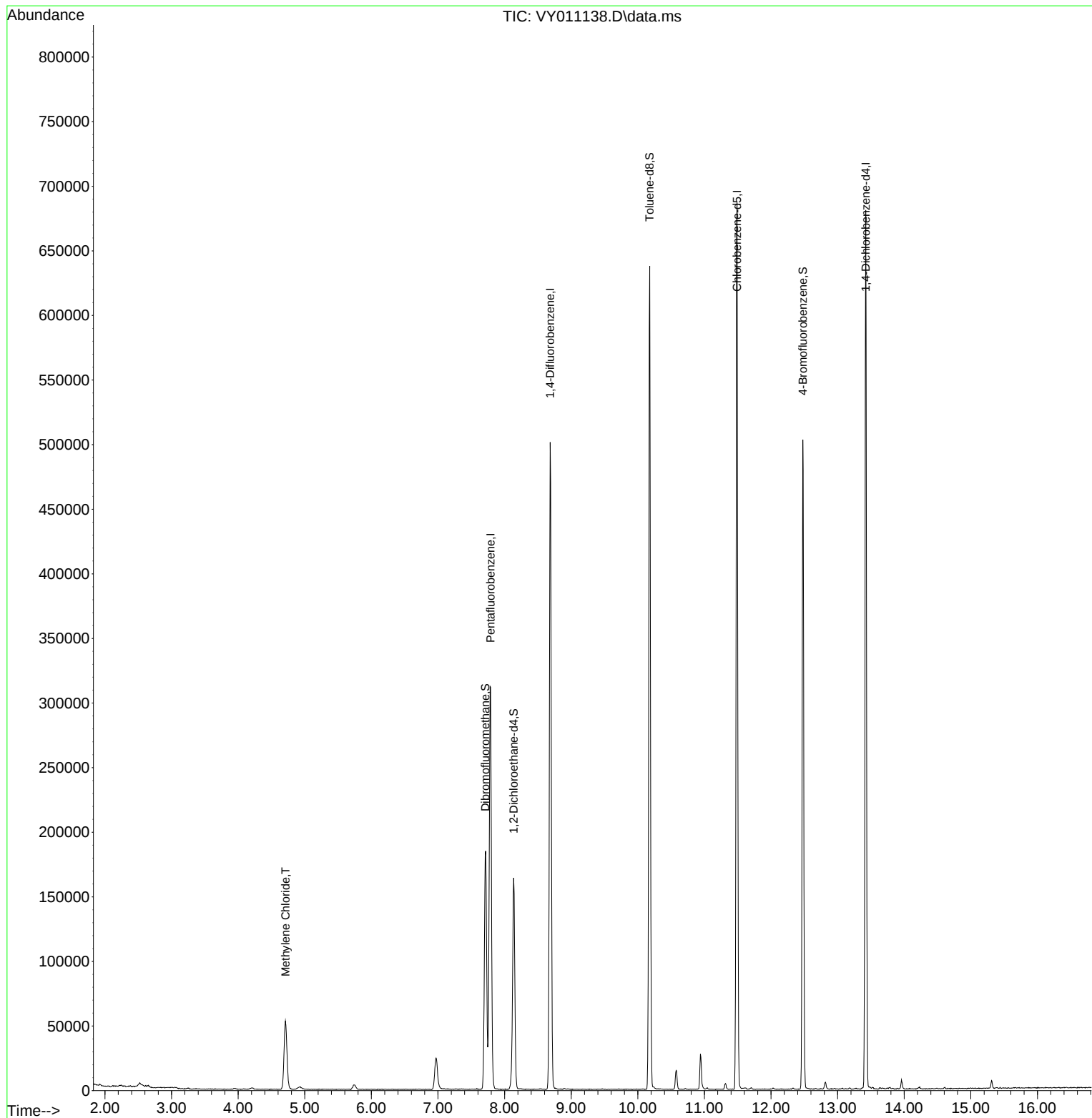
Internal Standards						
1) Pentafluorobenzene	7.789	168	246411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	433669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121092	53.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.710	113	134691	55.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.960%	
50) Toluene-d8	10.179	98	424182	46.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.680%	
62) 4-Bromofluorobenzene	12.477	95	155583	48.407	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.820%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	41303	9.227	ug/l	# 82

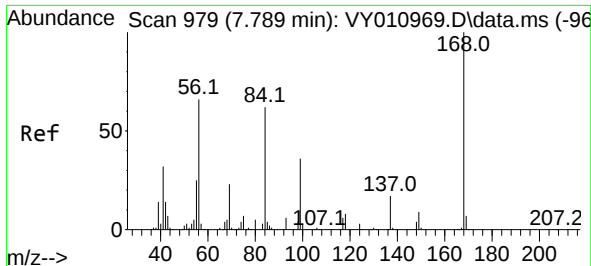
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
Data File : VY011138.D
Acq On : 27 Oct 2022 14:56
Operator : KP/MD
Sample : N5281-05
Misc : 6.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5S

Quant Time: Oct 28 00:47:02 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

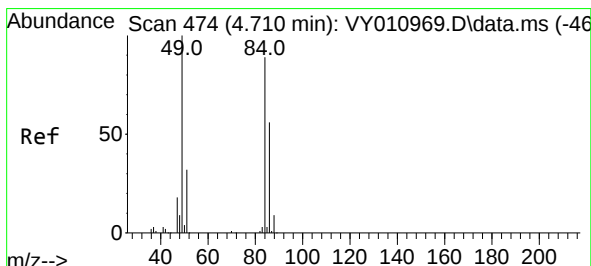
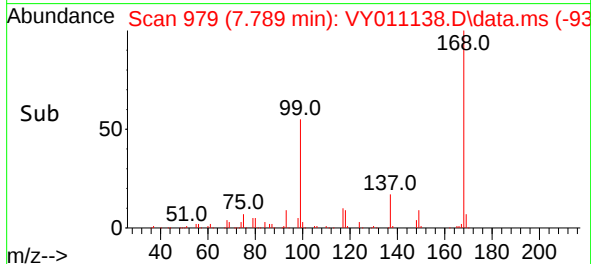
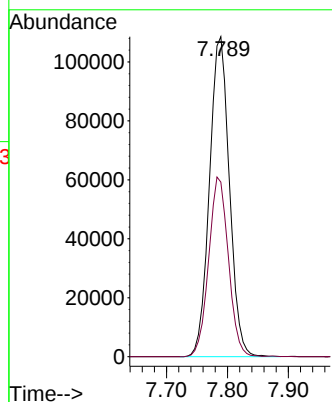
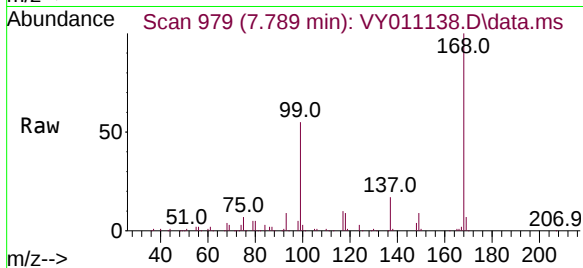




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011138.D
Acq: 27 Oct 2022 14:56

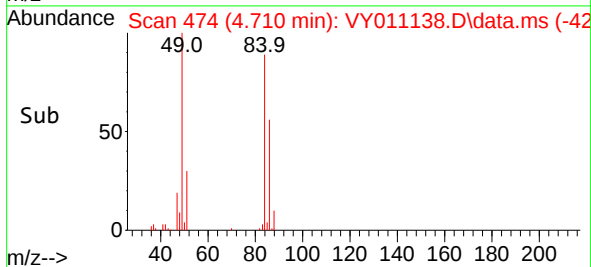
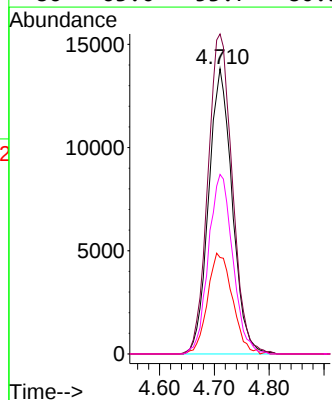
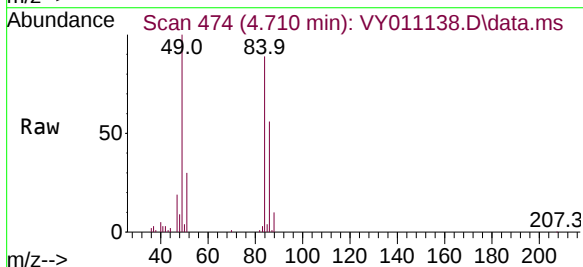
Instrument :
MSVOA_Y
ClientSampleId :
SB-5S

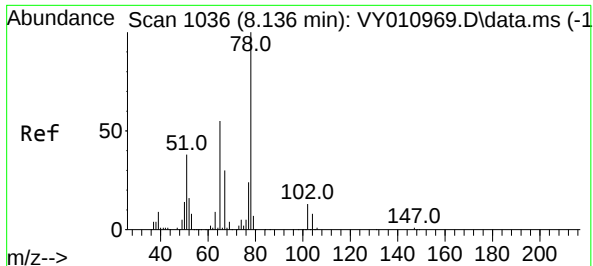
Tgt Ion:168 Resp: 246411
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#20
Methylene Chloride
Concen: 9.227 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011138.D
Acq: 27 Oct 2022 14:56

Tgt Ion: 84 Resp: 41303
Ion Ratio Lower Upper
84 100
49 112.2 114.4 171.6#
51 33.8 35.3 52.9#
86 63.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 53.349 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011138.D

Acq: 27 Oct 2022 14:56

Instrument :

MSVOA_Y

ClientSampleId :

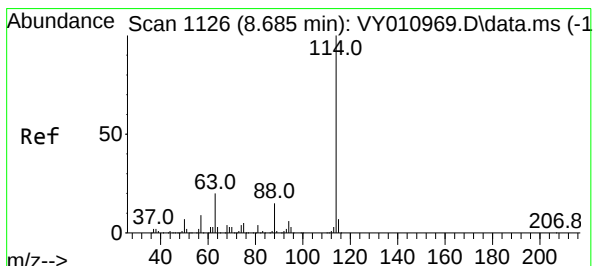
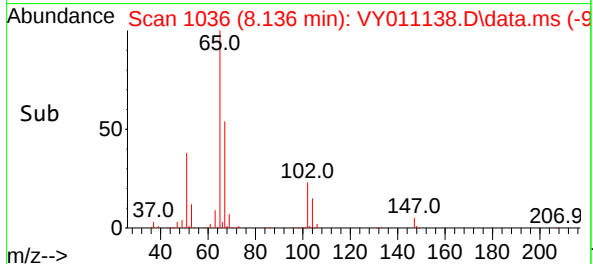
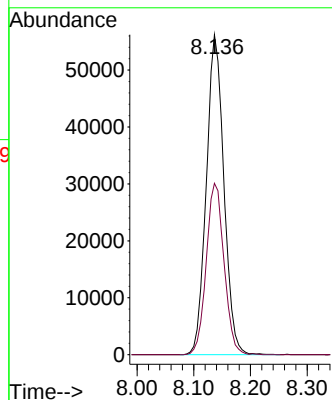
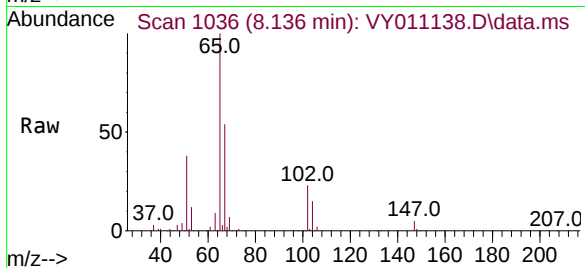
SB-5S

Tgt Ion: 65 Resp: 121092

Ion Ratio Lower Upper

65 100

67 54.2 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: VY011138.D

Acq: 27 Oct 2022 14:56

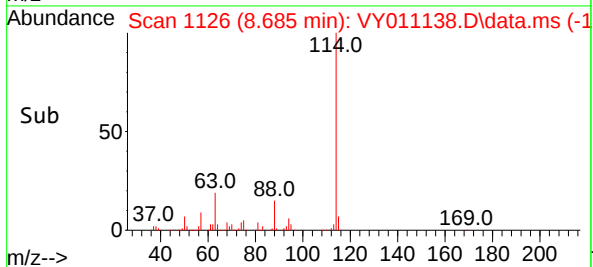
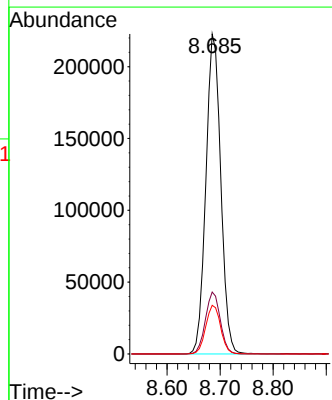
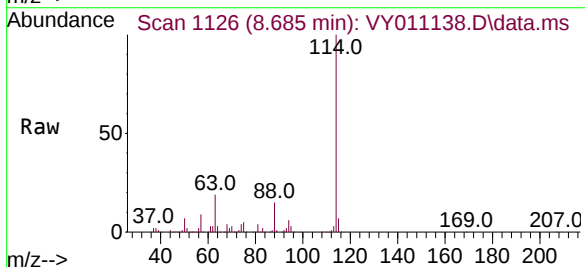
Tgt Ion: 114 Resp: 433669

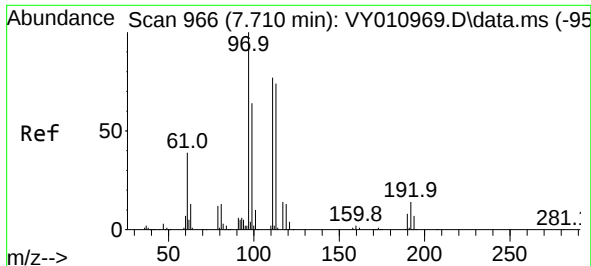
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.975 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY011138.D

Acq: 27 Oct 2022 14:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-5S

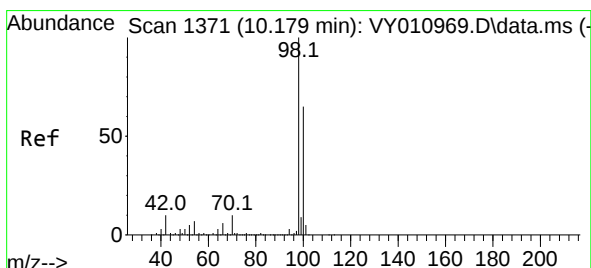
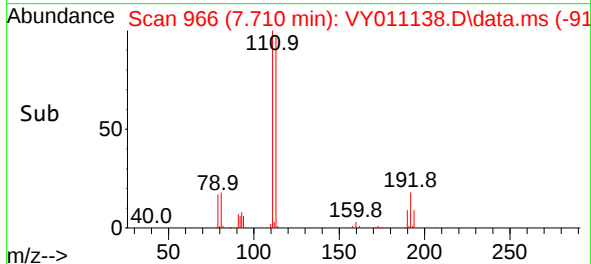
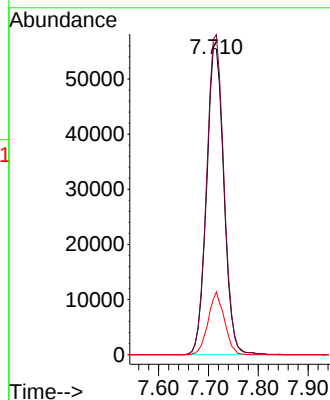
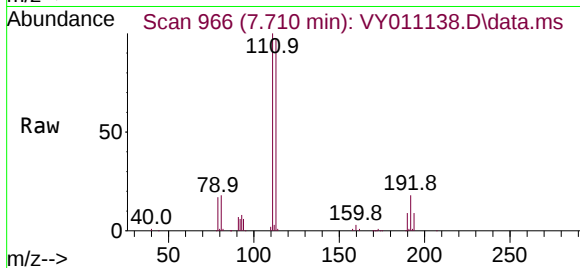
Tgt Ion:113 Resp: 134691

Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 19.2 17.6 26.4



#50

Toluene-d8

Concen: 46.845 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011138.D

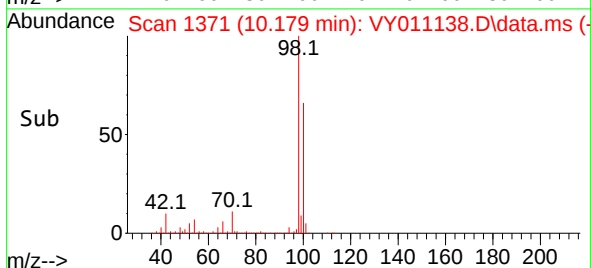
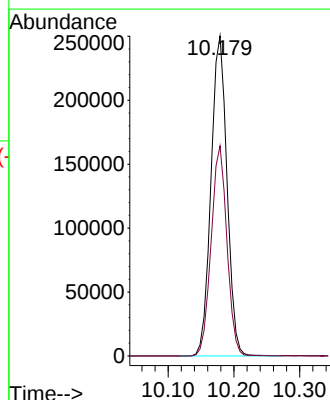
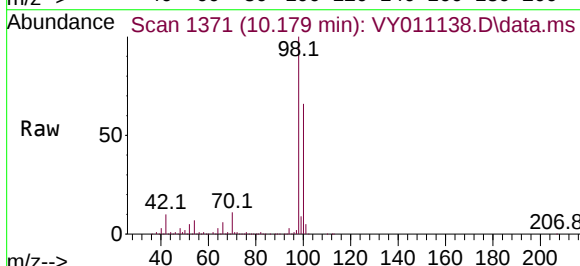
Acq: 27 Oct 2022 14:56

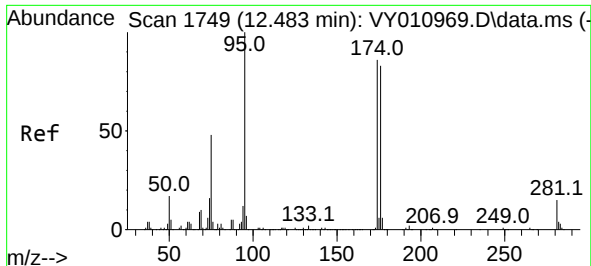
Tgt Ion: 98 Resp: 424182

Ion Ratio Lower Upper

98 100

100 64.7 50.2 75.2

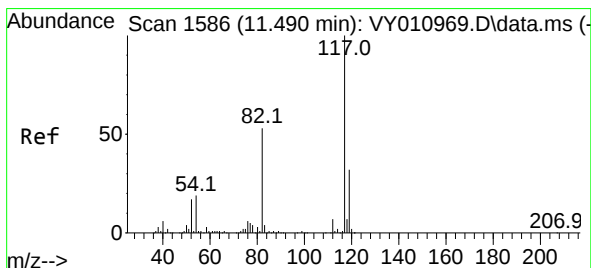
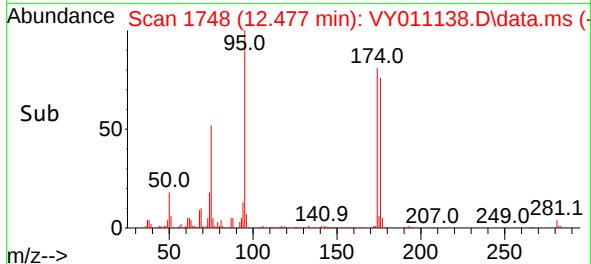
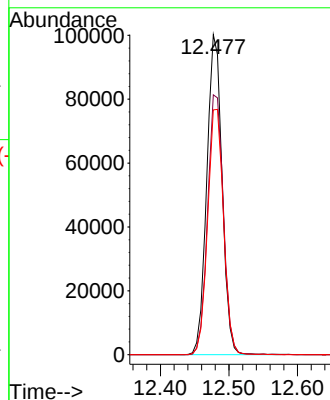
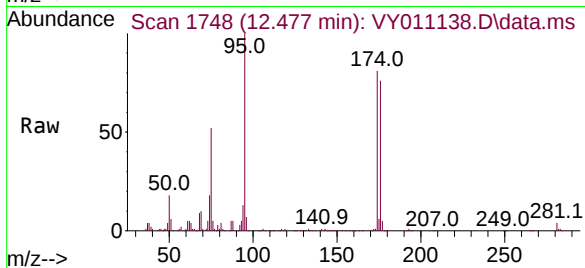




#62
4-Bromofluorobenzene
Concen: 48.407 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011138.D
Acq: 27 Oct 2022 14:56

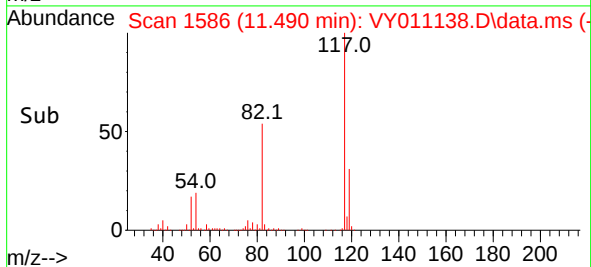
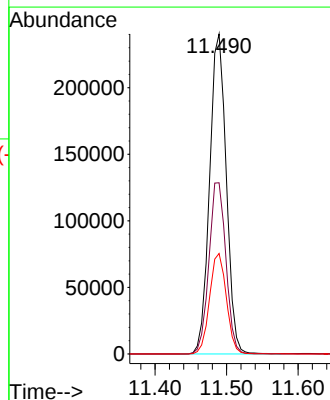
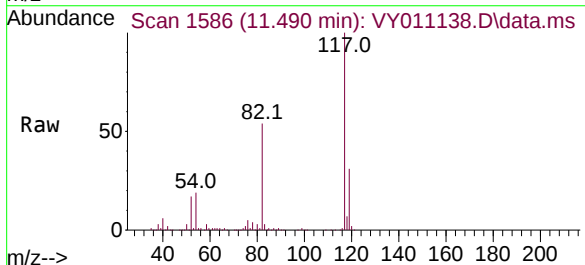
Instrument :
MSVOA_Y
ClientSampleId :
SB-5S

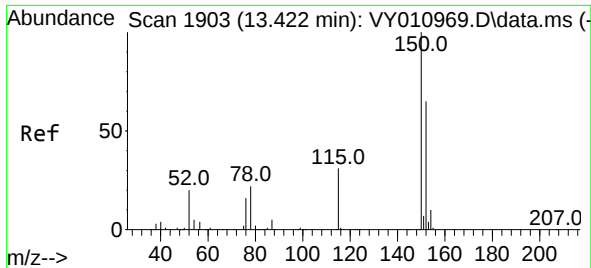
Tgt Ion: 95 Resp: 155583
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 79.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011138.D
Acq: 27 Oct 2022 14:56

Tgt Ion: 117 Resp: 389181
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.4 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: VY011138.D
 Acq: 27 Oct 2022 14:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5S

Tgt Ion:152 Resp: 174897
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 155.8 0.0 347.6

