

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011141.D
 Acq On : 27 Oct 2022 16:04
 Operator : KP/MD
 Sample : N5281-11
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5D

Quant Time: Oct 28 00:47:29 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)

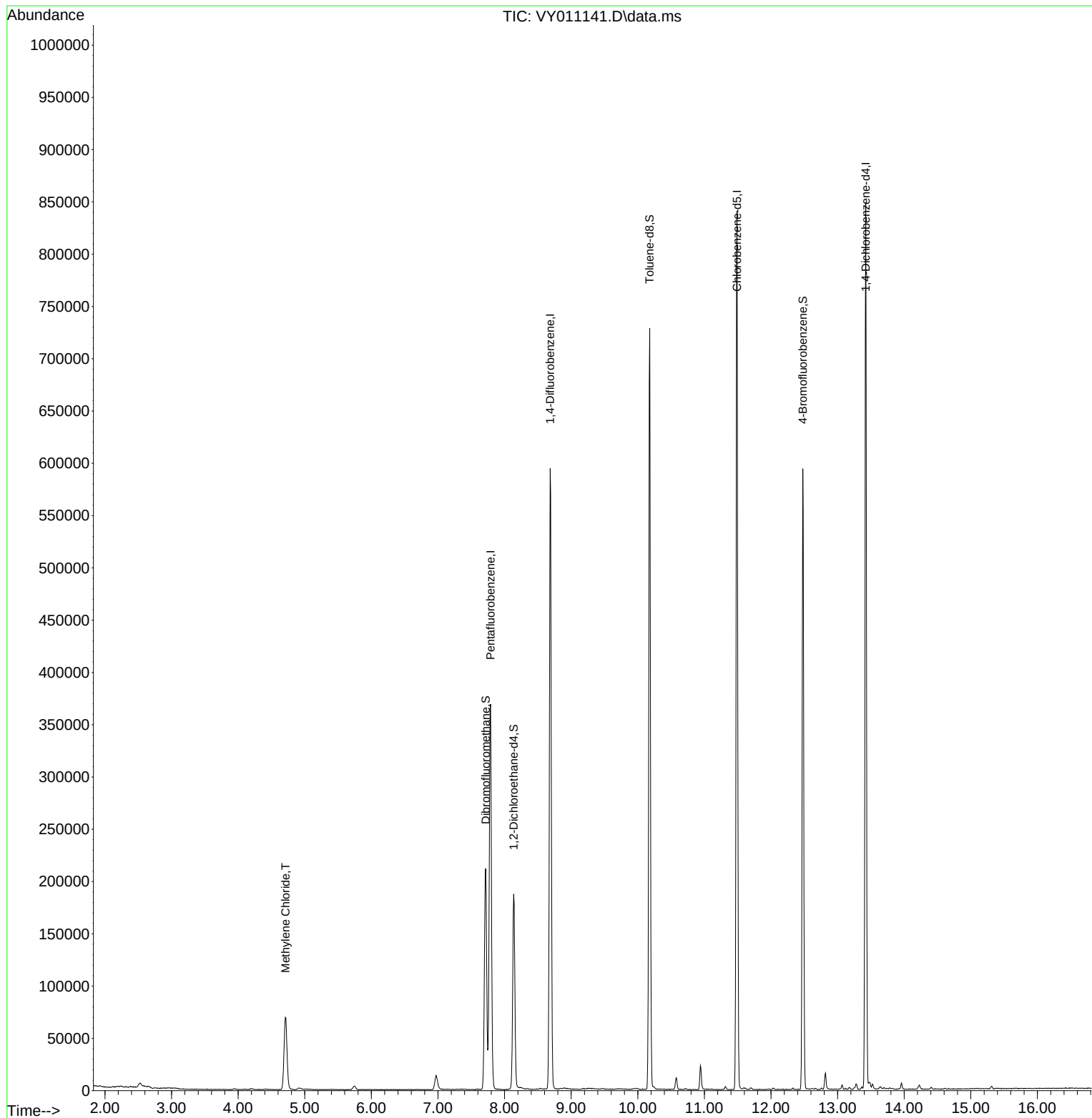
Internal Standards						
1) Pentafluorobenzene	7.789	168	289938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	517687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	467975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	218800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	144037	53.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.860%	
35) Dibromofluoromethane	7.716	113	153874	53.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.940%	
50) Toluene-d8	10.179	98	484241	44.799	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.600%	
62) 4-Bromofluorobenzene	12.477	95	185552	48.359	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.720%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	55627	11.607	ug/l	# 81

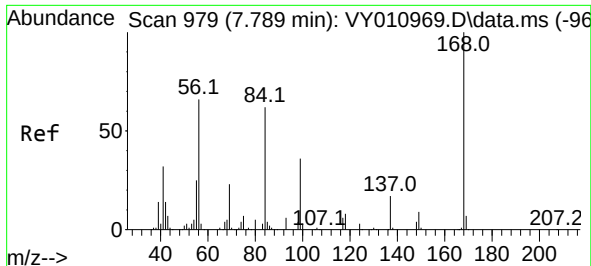
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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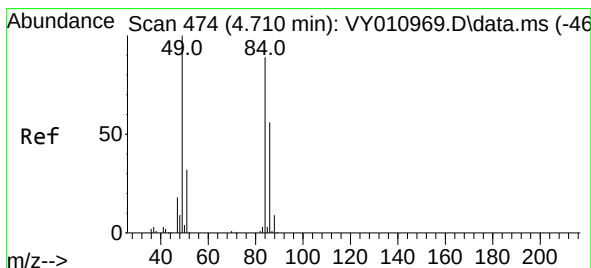
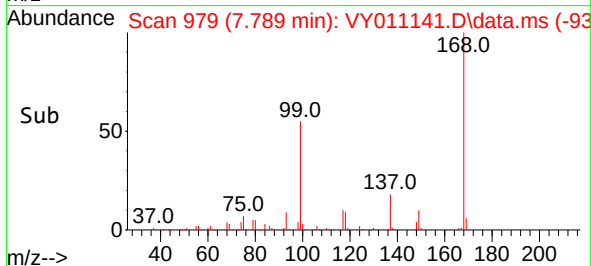
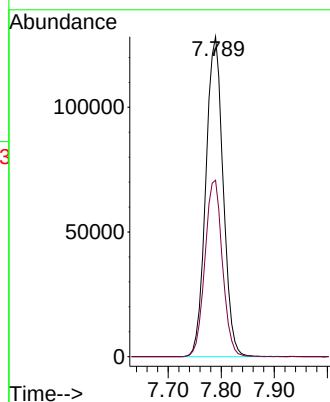
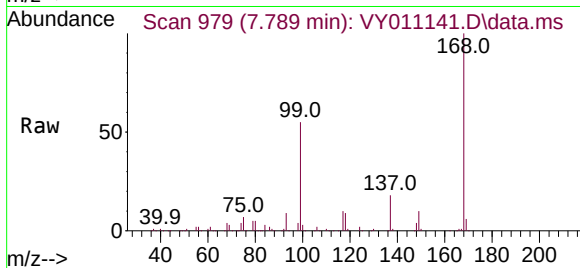




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011141.D
Acq: 27 Oct 2022 16:04

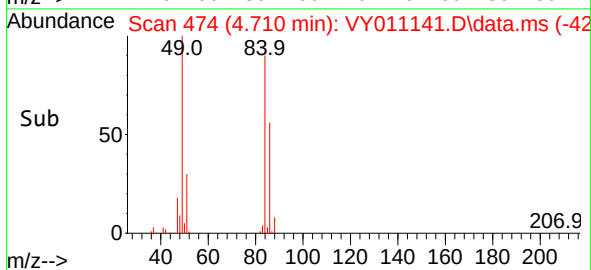
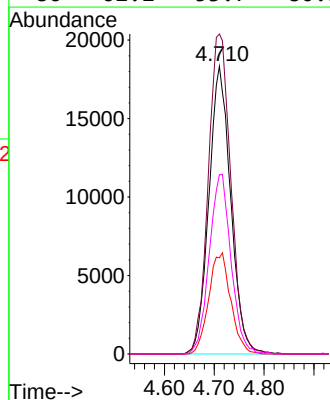
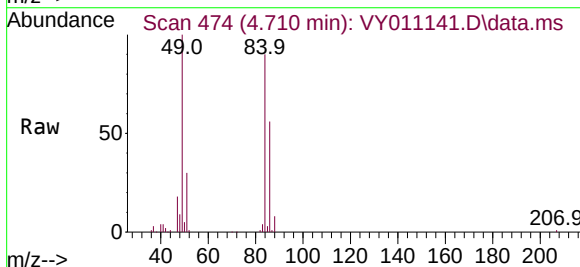
Instrument :
MSVOA_Y
ClientSampleId :
SB-5D

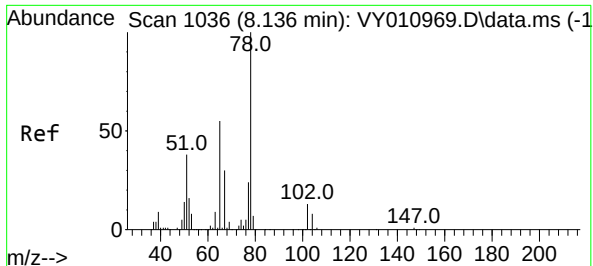
Tgt Ion:168 Resp: 289938
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#20
Methylene Chloride
Concen: 11.607 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011141.D
Acq: 27 Oct 2022 16:04

Tgt Ion: 84 Resp: 55627
Ion Ratio Lower Upper
84 100
49 111.2 114.4 171.6#
51 33.4 35.3 52.9#
86 62.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 53.931 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY011141.D

Acq: 27 Oct 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

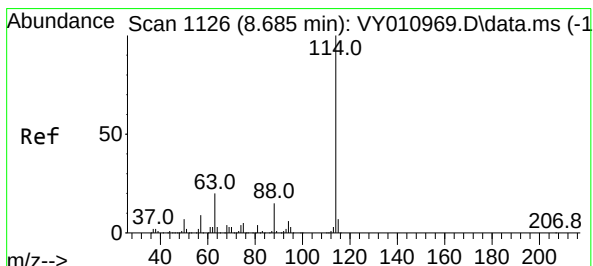
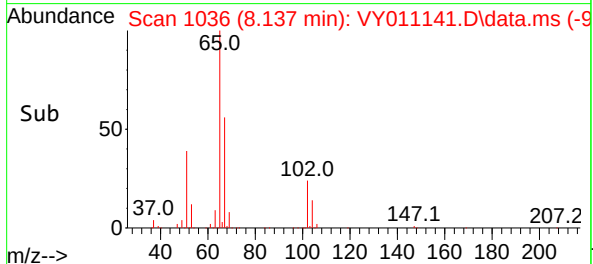
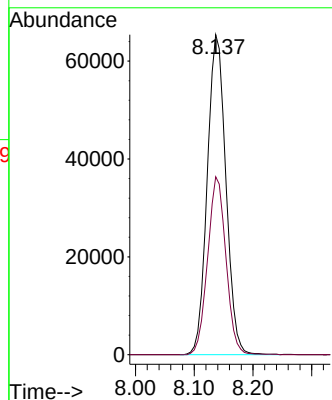
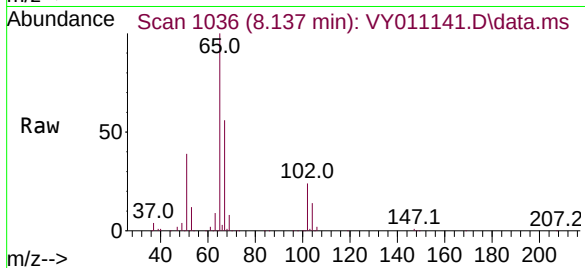
SB-5D

Tgt Ion: 65 Resp: 144037

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: VY011141.D

Acq: 27 Oct 2022 16:04

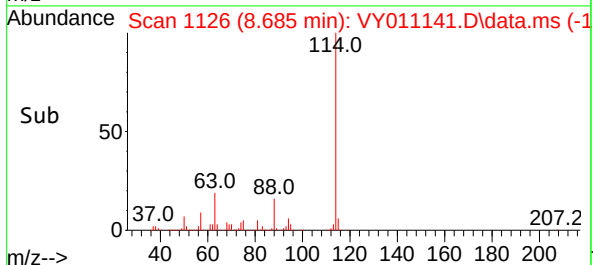
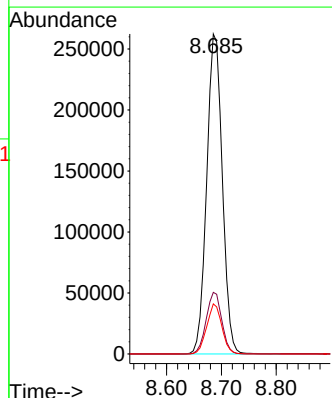
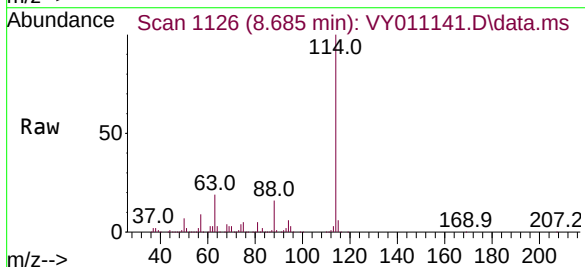
Tgt Ion: 114 Resp: 517687

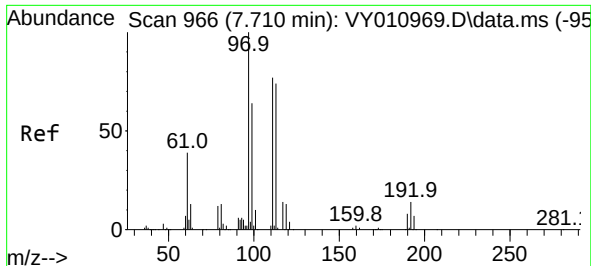
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.7 0.0 31.8

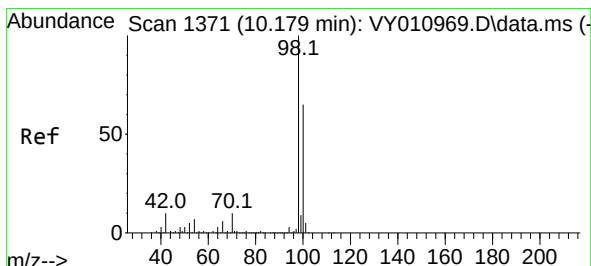
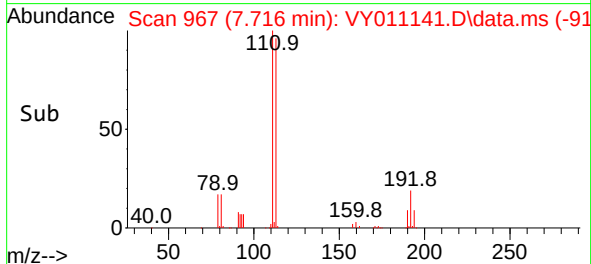
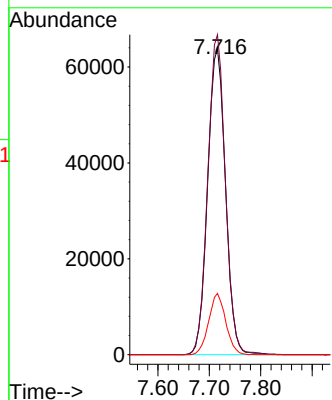
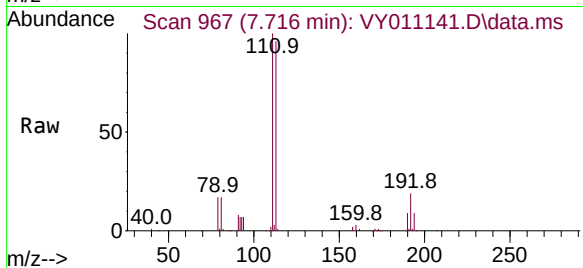




#35
Dibromofluoromethane
Concen: 53.472 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011141.D
Acq: 27 Oct 2022 16:04

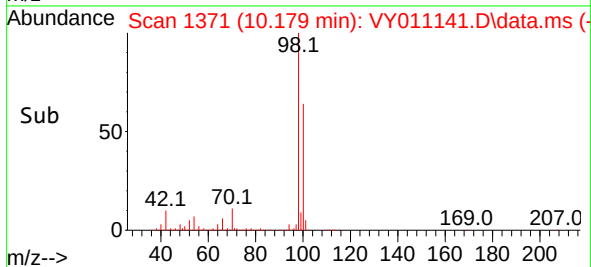
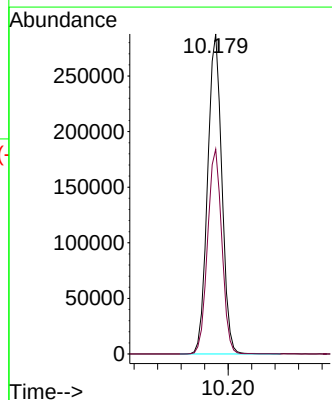
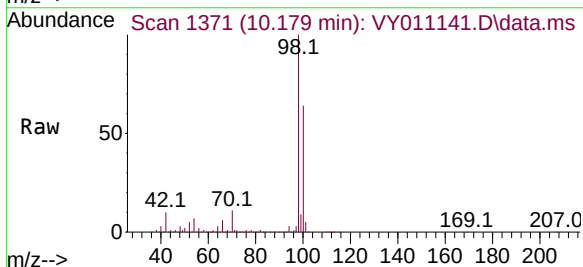
Instrument :
MSVOA_Y
ClientSampleId :
SB-5D

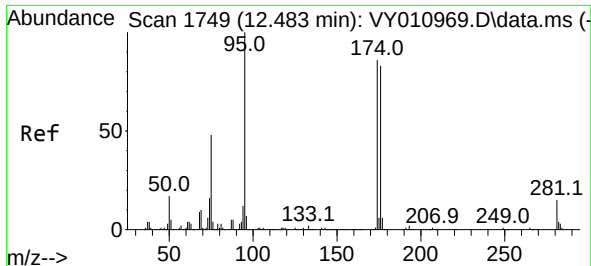
Tgt Ion:113 Resp: 153874
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 44.799 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011141.D
Acq: 27 Oct 2022 16:04

Tgt Ion: 98 Resp: 484241
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 48.359 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011141.D

Acq: 27 Oct 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

SB-5D

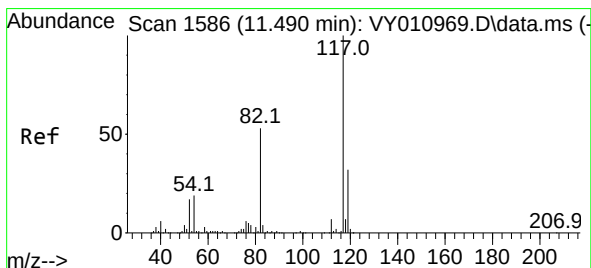
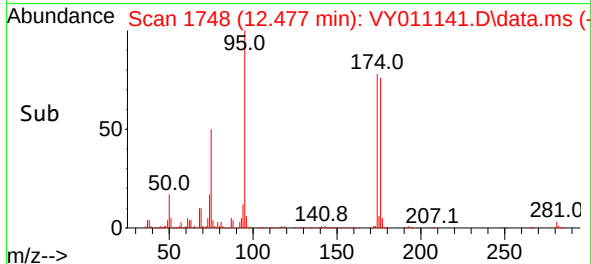
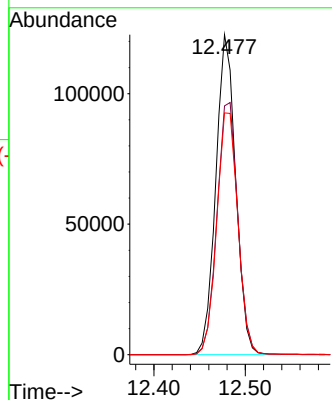
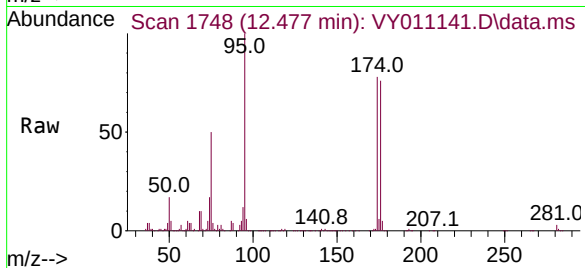
Tgt Ion: 95 Resp: 185552

Ion Ratio Lower Upper

95 100

174 82.9 0.0 177.0

176 80.4 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: VY011141.D

Acq: 27 Oct 2022 16:04

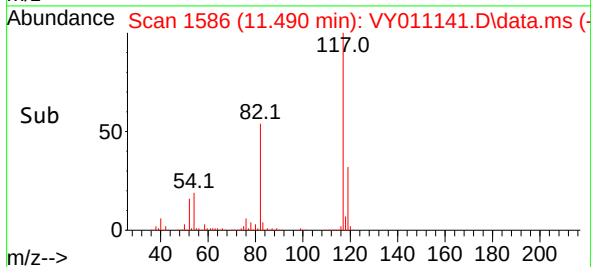
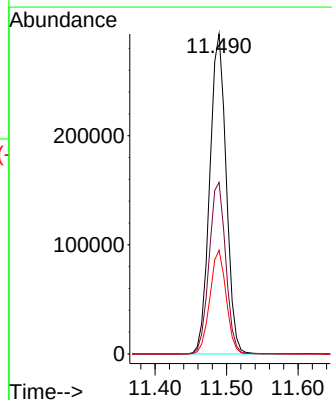
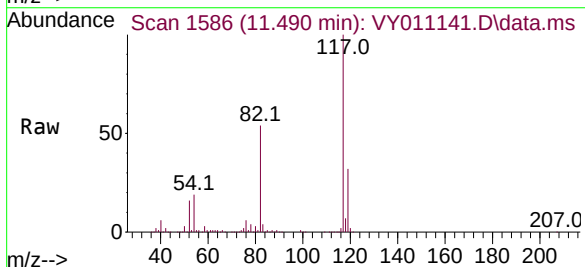
Tgt Ion: 117 Resp: 467975

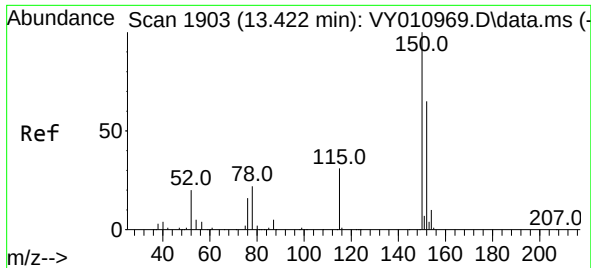
Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 32.4 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: VY011141.D

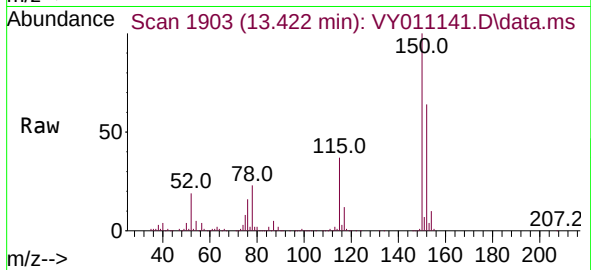
Acq: 27 Oct 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

SB-5D



Tgt Ion:152 Resp: 218800

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 156.7 0.0 347.6

