

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011142.D
 Acq On : 27 Oct 2022 16:27
 Operator : KP/MD
 Sample : N5281-12RE
 Misc : 4.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11RE

Quant Time: Oct 28 00:47:38 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)

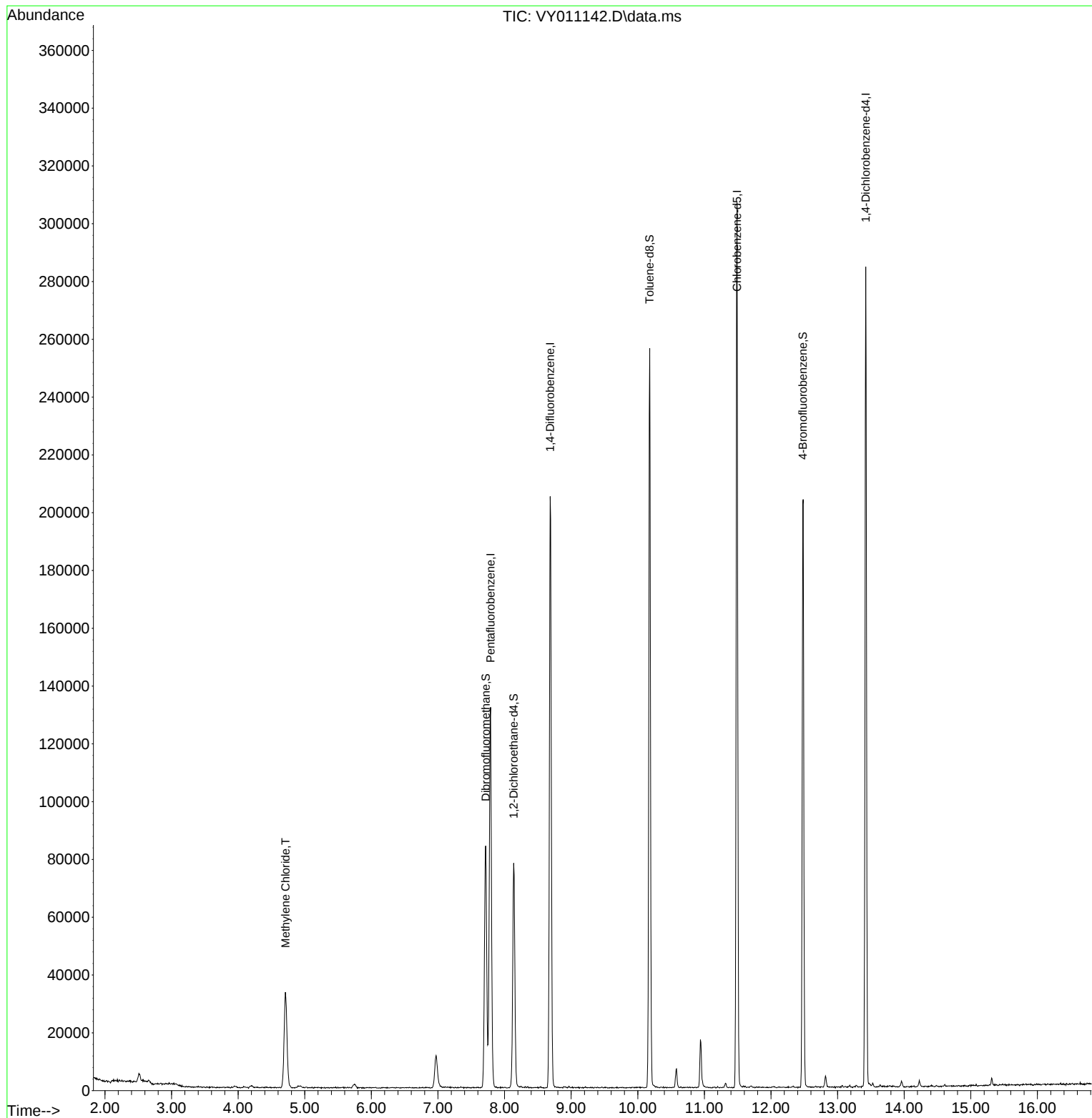
Internal Standards						
1) Pentafluorobenzene	7.789	168	102228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	179531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	58921	62.571	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.140%			
35) Dibromofluoromethane	7.716	113	60265	60.680	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.360%			
50) Toluene-d8	10.179	98	173049	46.164	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.320%			
62) 4-Bromofluorobenzene	12.477	95	64028	48.102	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.200%			
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	25595	17.352	ug/l #	84

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

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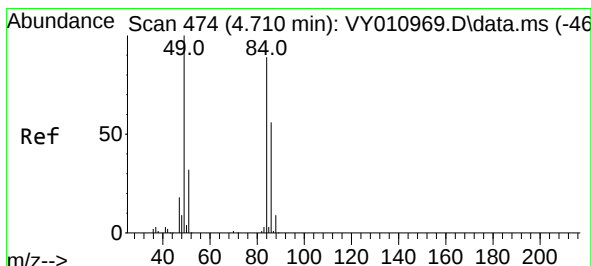
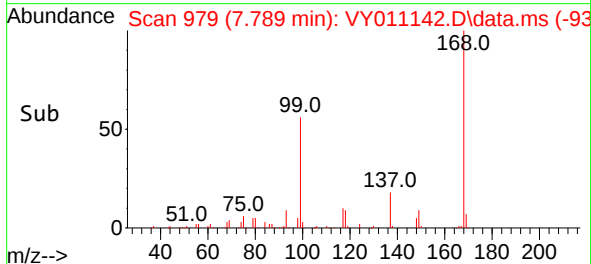
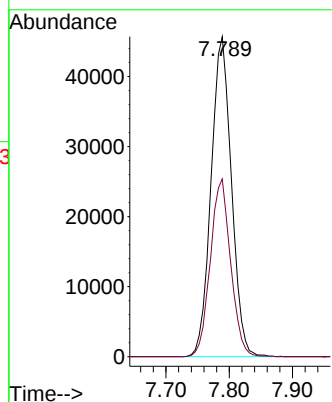
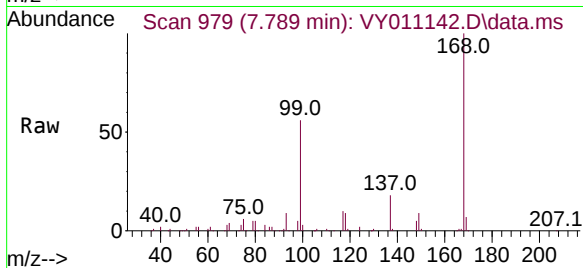




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

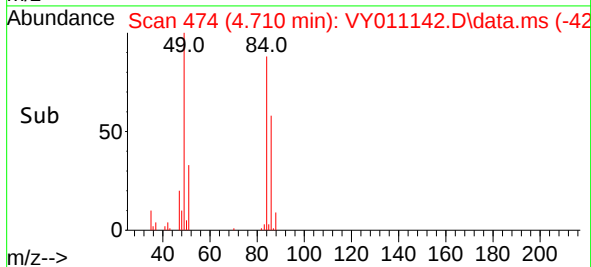
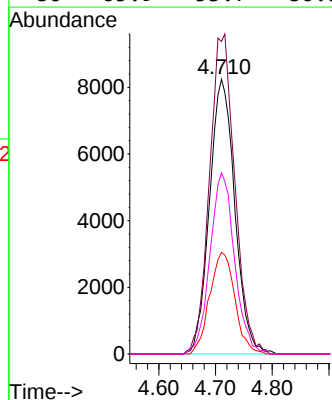
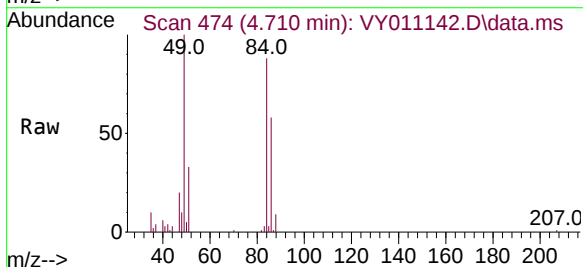
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

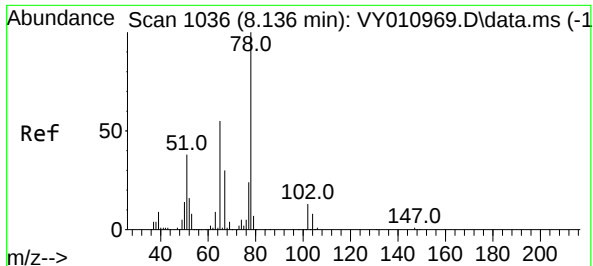
Tgt Ion:168 Resp: 102228
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#20
Methylene Chloride
Concen: 17.352 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

Tgt Ion: 84 Resp: 25595
Ion Ratio Lower Upper
84 100
49 113.8 114.4 171.6#
51 37.0 35.3 52.9
86 65.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 62.571 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011142.D

Acq: 27 Oct 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

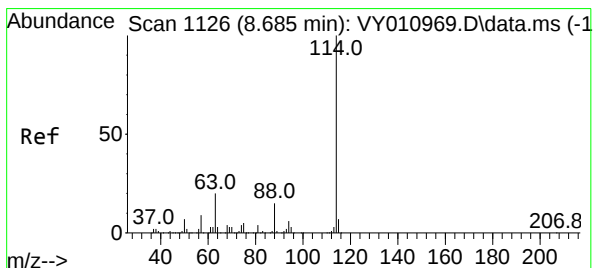
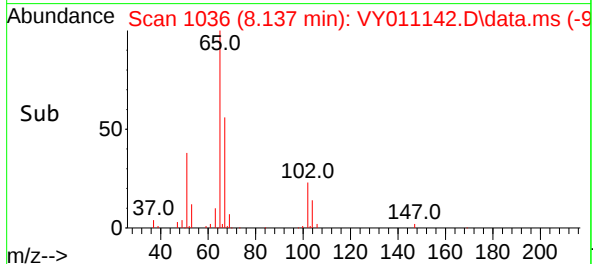
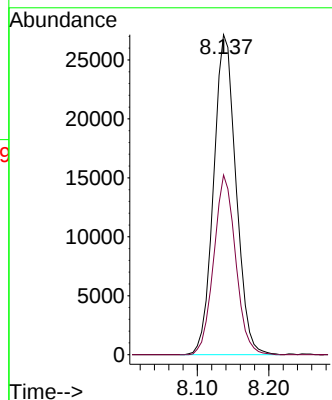
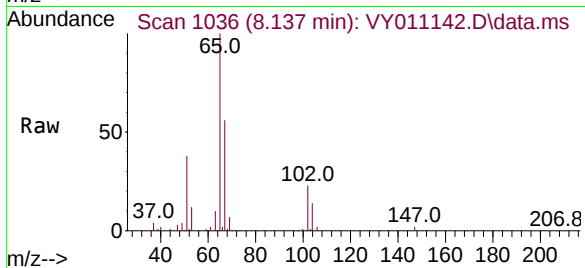
SB-11RE

Tgt Ion: 65 Resp: 58921

Ion Ratio Lower Upper

65 100

67 54.8 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: VY011142.D

Acq: 27 Oct 2022 16:27

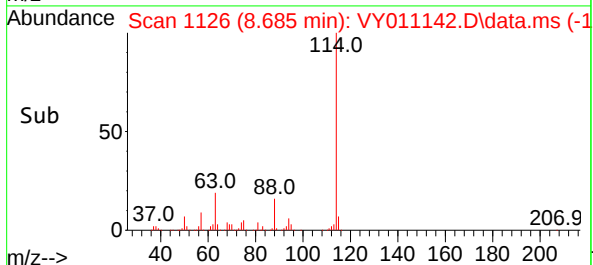
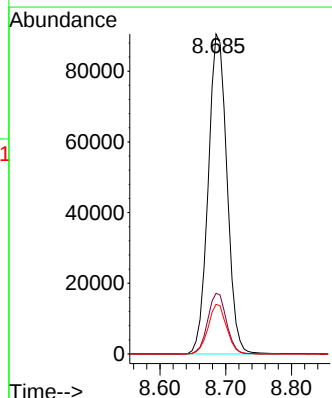
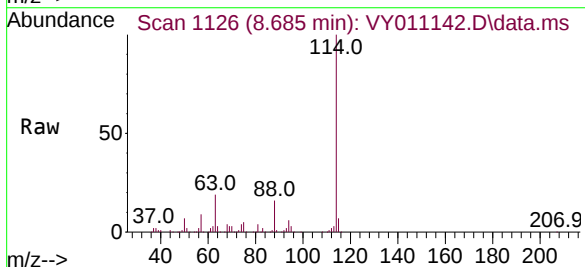
Tgt Ion: 114 Resp: 179531

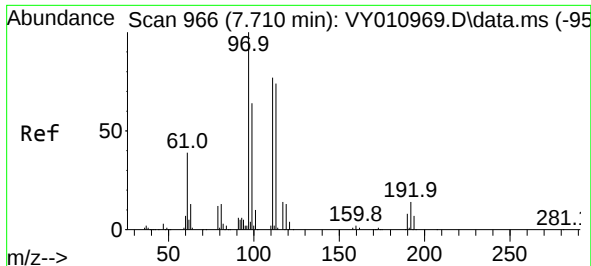
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 60.680 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011142.D

Acq: 27 Oct 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-11RE

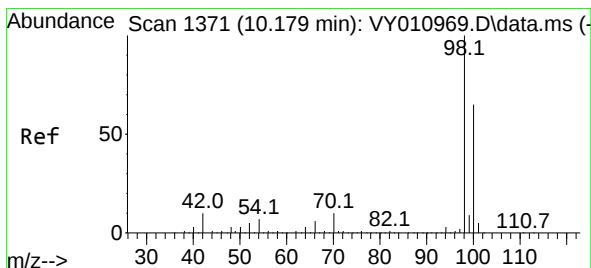
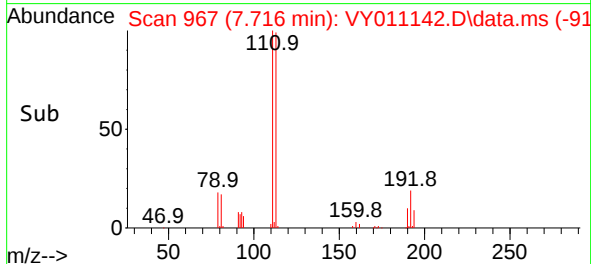
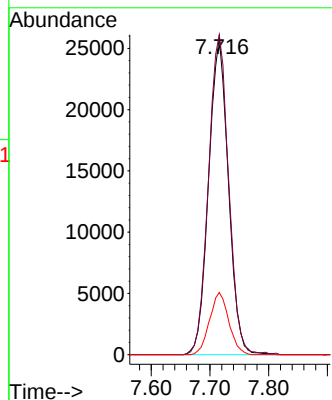
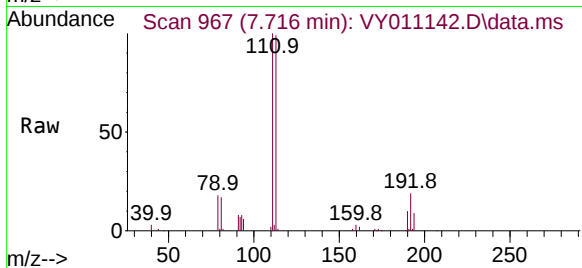
Tgt Ion:113 Resp: 60265

Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.1 17.6 26.4



#50

Toluene-d8

Concen: 46.164 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011142.D

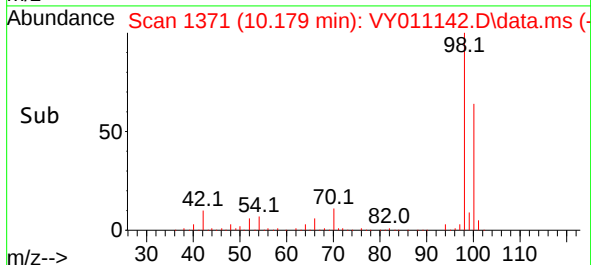
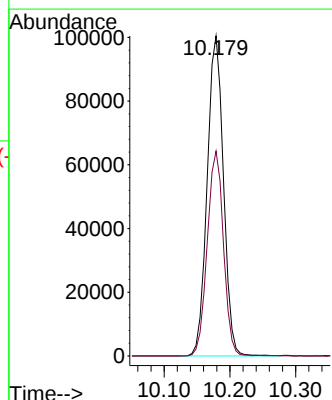
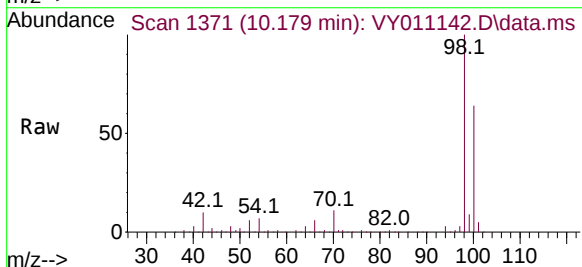
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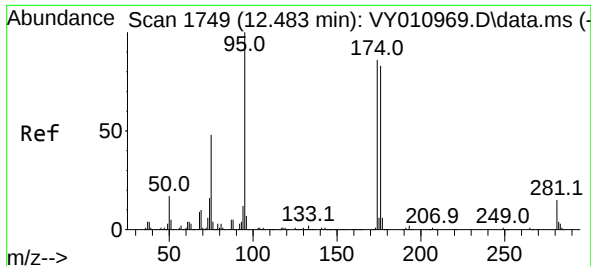
Tgt Ion: 98 Resp: 173049

Ion Ratio Lower Upper

98 100

100 63.7 50.2 75.2

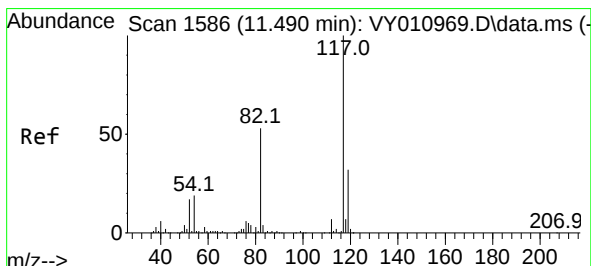
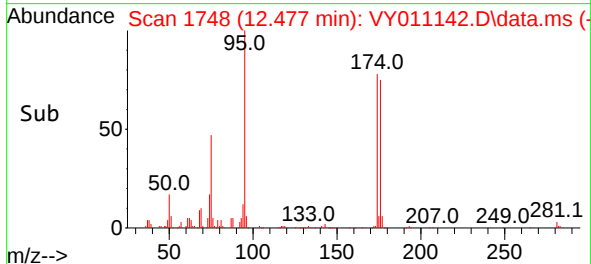
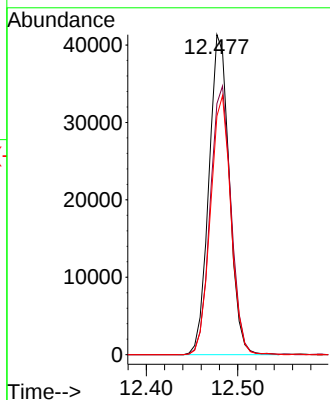
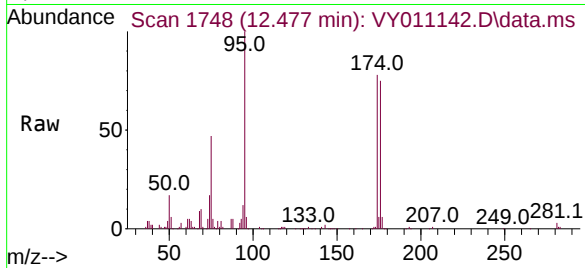




#62
4-Bromofluorobenzene
Concen: 48.102 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

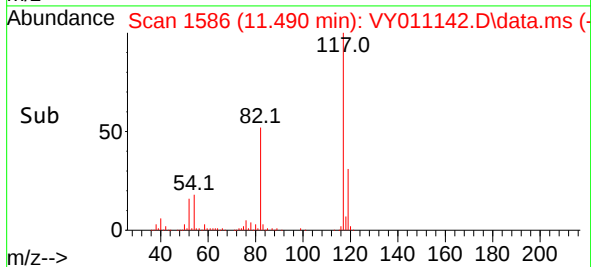
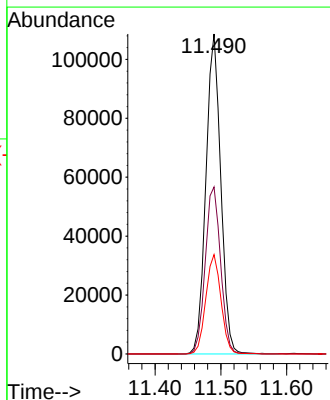
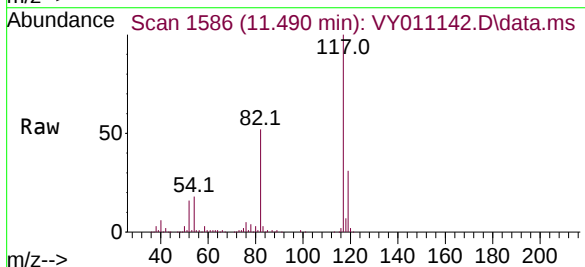
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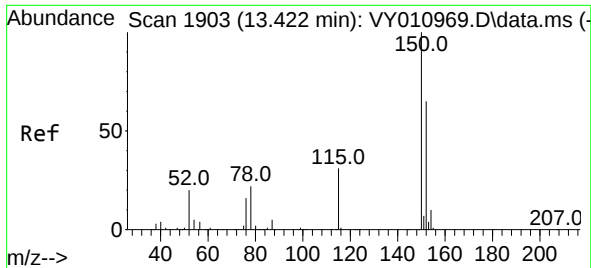
Tgt Ion: 95 Resp: 64028
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 81.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

Tgt Ion: 117 Resp: 170763
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.0 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: VY011142.D

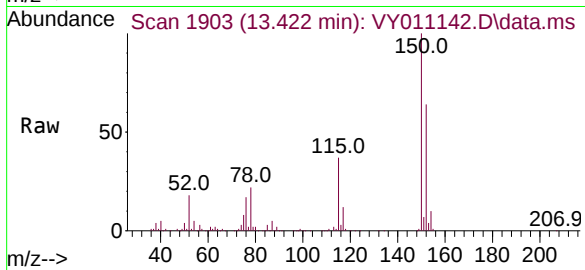
Acq: 27 Oct 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-11RE



Tgt Ion:152 Resp: 75764

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 157.3 0.0 347.6

