

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011177.D
 Acq On : 29 Oct 2022 00:29
 Operator : KP/MD
 Sample : N5339-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-102722

Quant Time: Oct 29 00:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

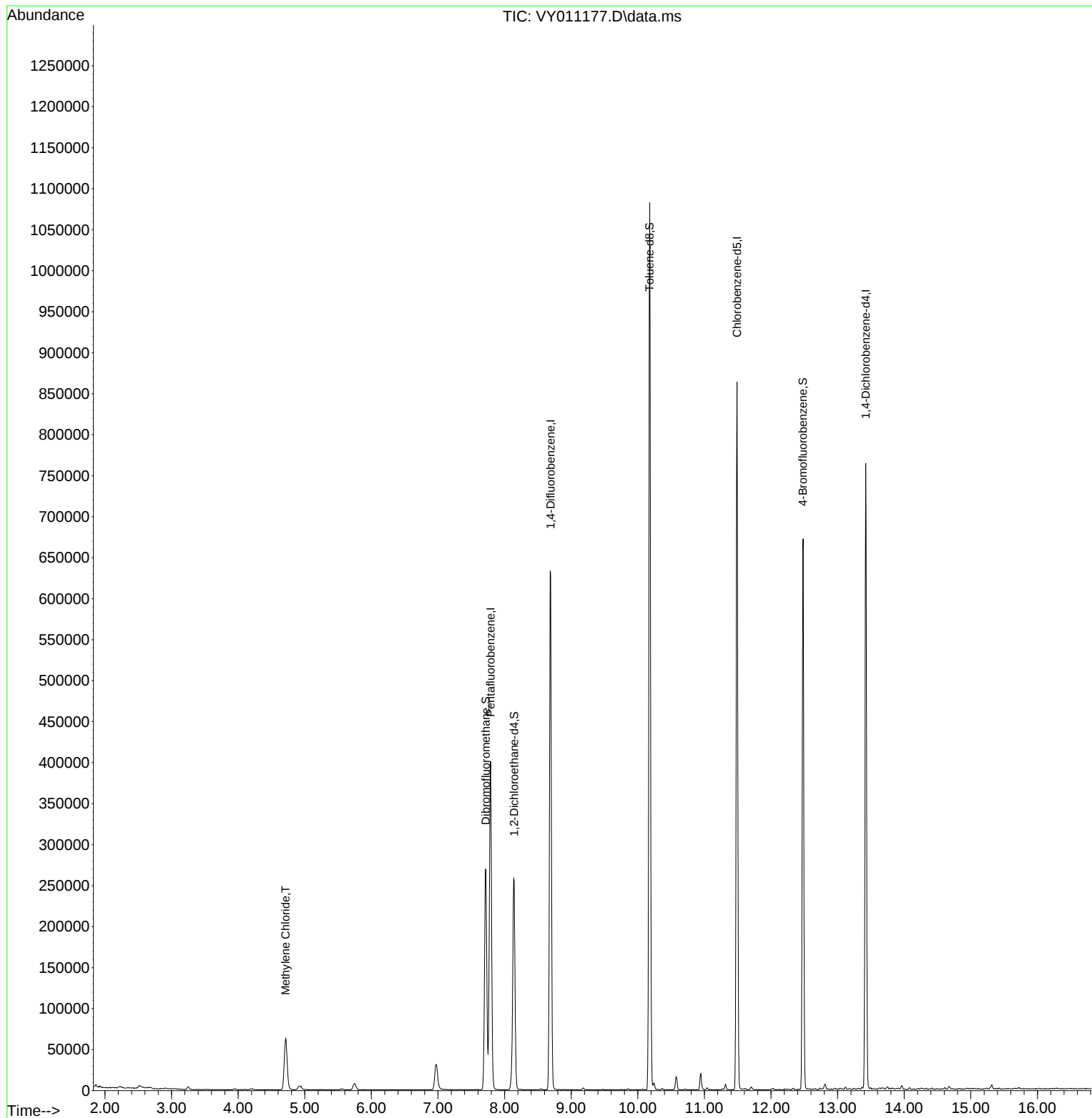
Internal Standards						
1) Pentafluorobenzene	7.789	168	315732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	560090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	473970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	193676	59.324	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.640%			
35) Dibromofluoromethane	7.716	113	195858	56.864	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.720%			
50) Toluene-d8	10.179	98	716692	52.523	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.040%			
62) 4-Bromofluorobenzene	12.477	95	211999	47.482	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.960%			
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	48973	9.364	ug/l #	84

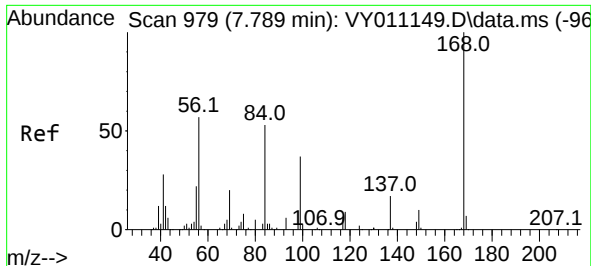
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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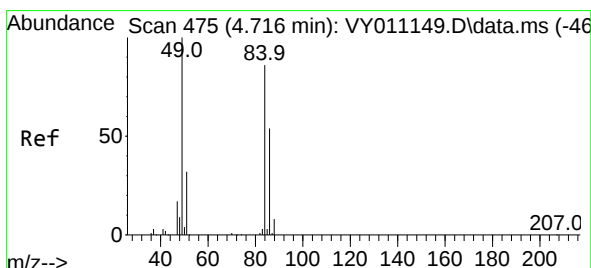
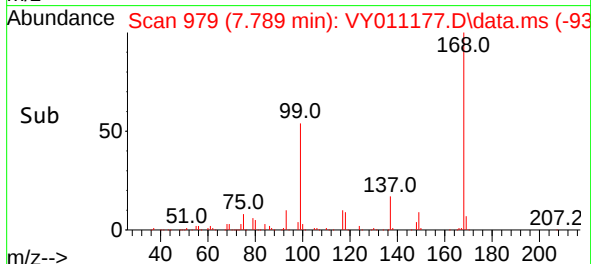
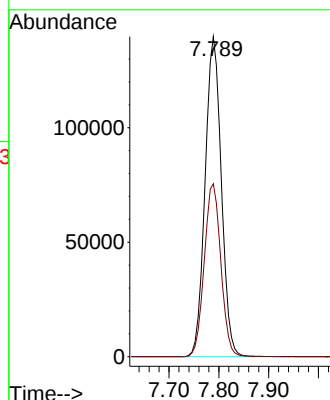
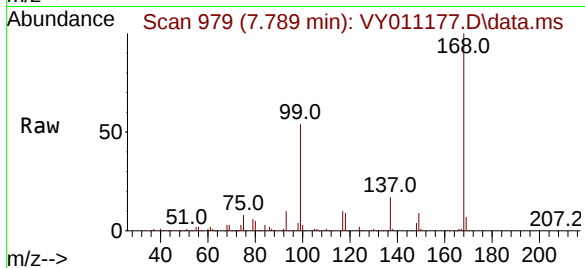




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011177.D
Acq: 29 Oct 2022 00:29

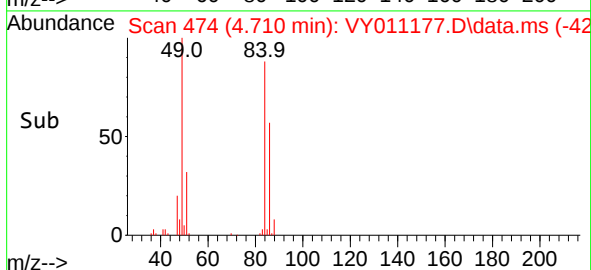
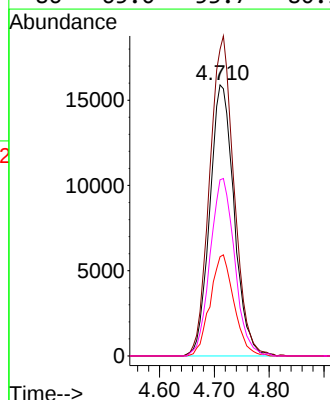
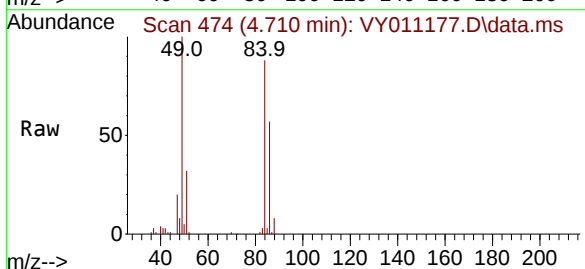
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-102722

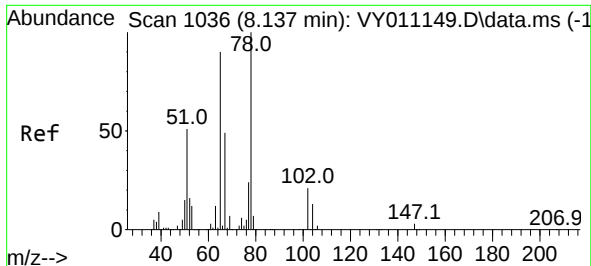
Tgt Ion:168 Resp: 315732
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#20
Methylene Chloride
Concen: 9.364 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011177.D
Acq: 29 Oct 2022 00:29

Tgt Ion: 84 Resp: 48973
Ion Ratio Lower Upper
84 100
49 113.0 114.4 171.6#
51 36.6 35.3 52.9
86 65.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 59.324 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY011177.D

Acq: 29 Oct 2022 00:29

Instrument :

MSVOA_Y

ClientSampleId :

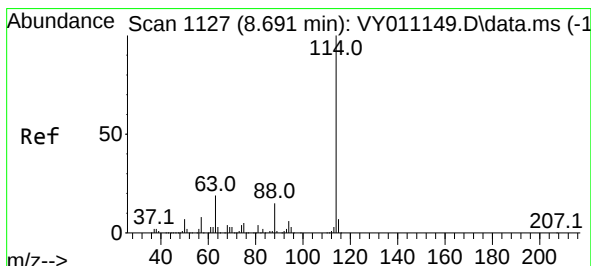
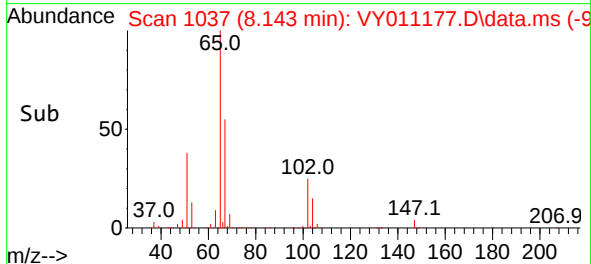
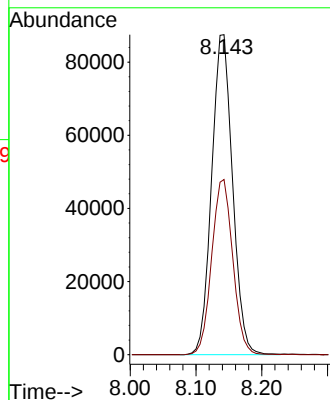
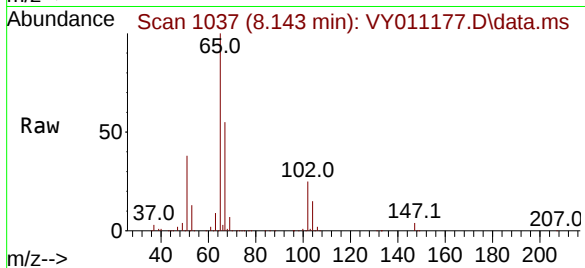
NB-07-102722

Tgt Ion: 65 Resp: 193676

Ion Ratio Lower Upper

65 100

67 55.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011177.D

Acq: 29 Oct 2022 00:29

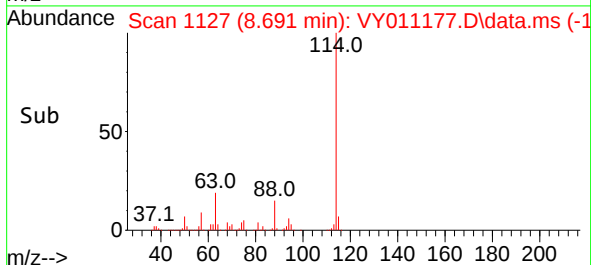
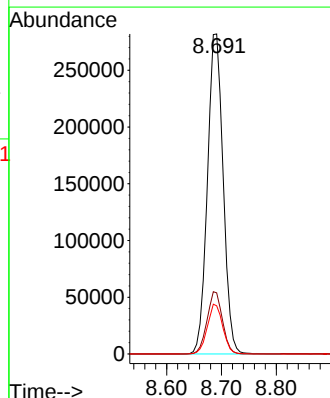
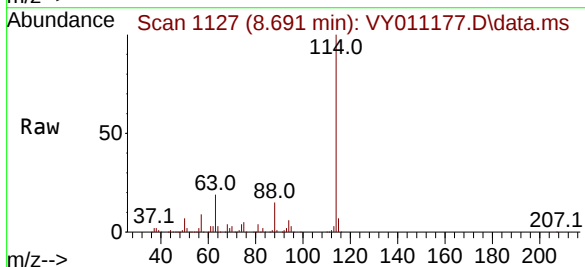
Tgt Ion: 114 Resp: 560090

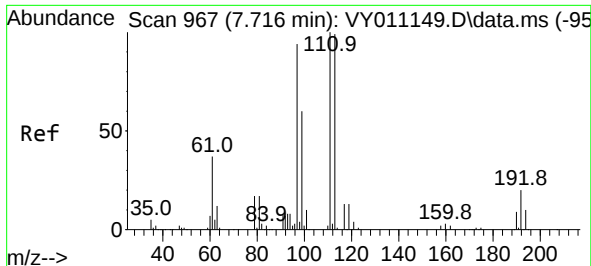
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.0 0.0 31.8

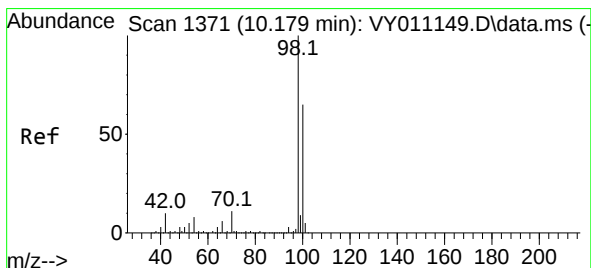
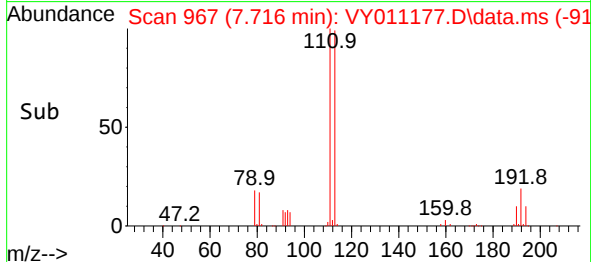
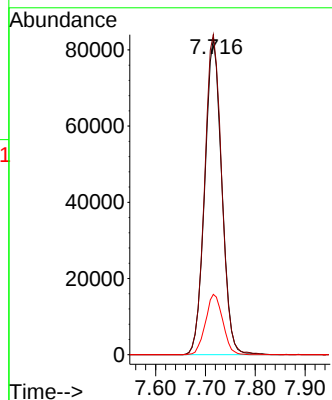
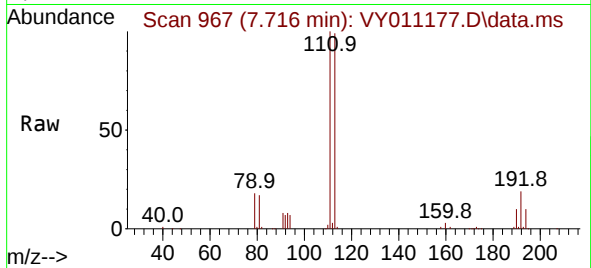




#35
Dibromofluoromethane
Concen: 56.864 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011177.D
Acq: 29 Oct 2022 00:29

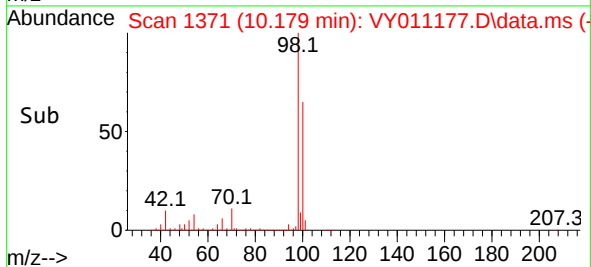
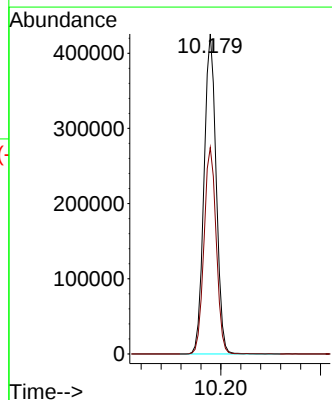
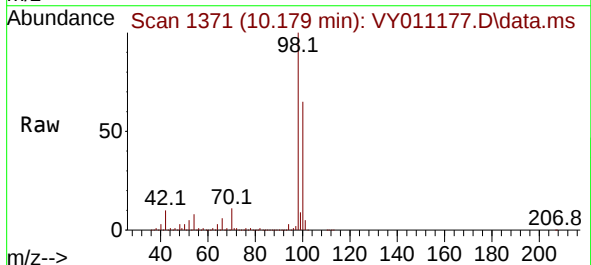
Instrument :
MSVOA_Y
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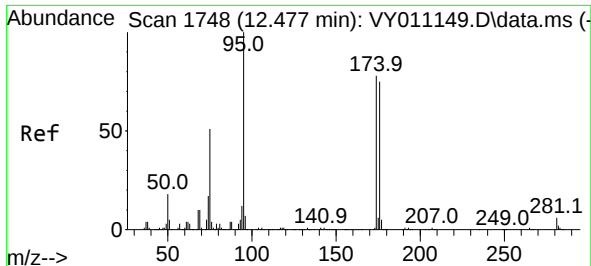
Tgt Ion:113 Resp: 195858
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 52.523 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011177.D
Acq: 29 Oct 2022 00:29

Tgt Ion: 98 Resp: 716692
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

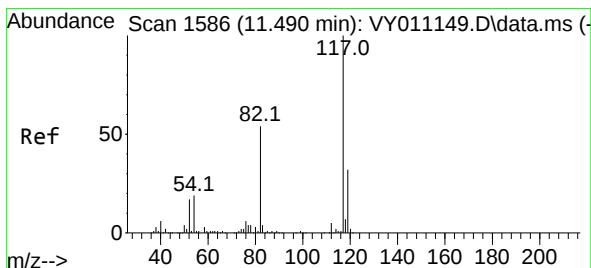
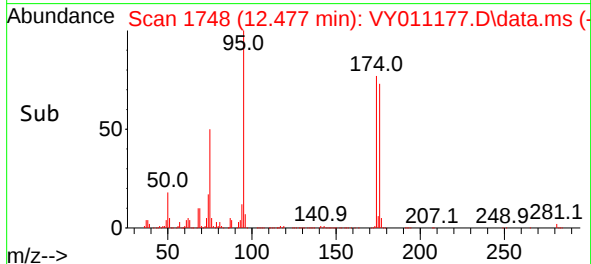
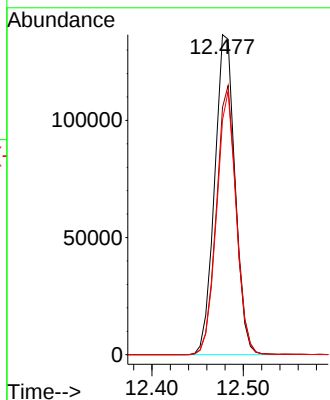
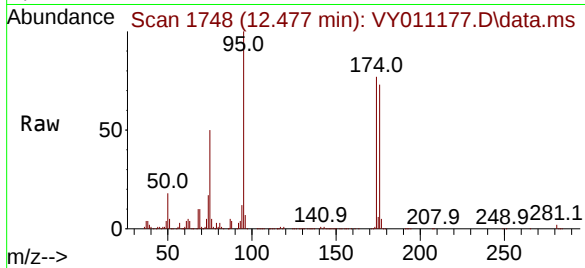




#62
4-Bromofluorobenzene
Concen: 47.482 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011177.D
Acq: 29 Oct 2022 00:29

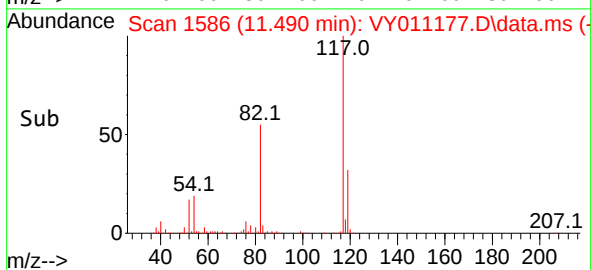
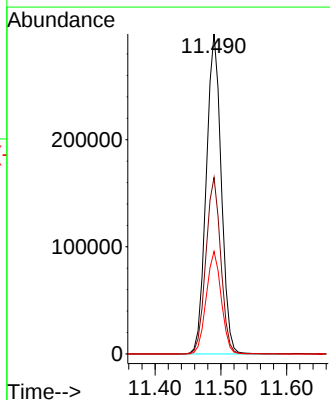
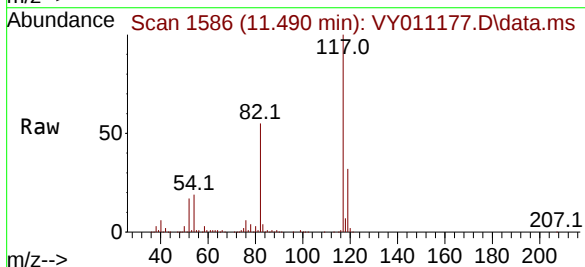
Instrument :
MSVOA_Y
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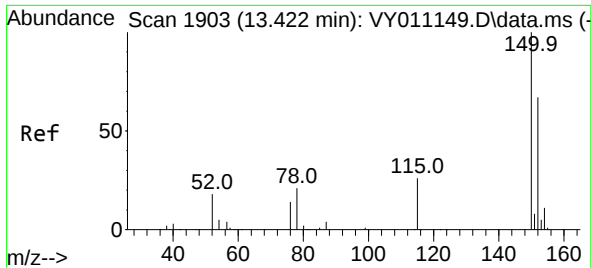
Tgt Ion: 95 Resp: 211999
Ion Ratio Lower Upper
95 100
174 82.4 0.0 177.0
176 79.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011177.D
Acq: 29 Oct 2022 00:29

Tgt Ion: 117 Resp: 473970
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.1 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: VY011177.D

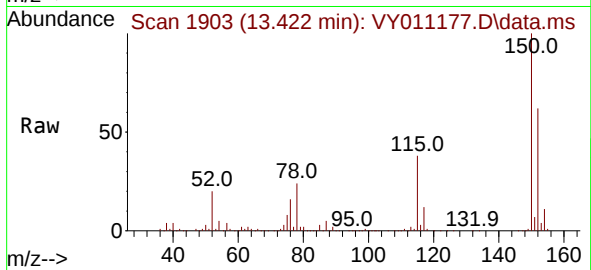
Acq: 29 Oct 2022 00:29

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-102722



Tgt Ion:152 Resp: 201174

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 157.7 0.0 347.6

