

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010249.D
 Acq On : 31 Aug 2022 16:41
 Operator : KP/MD
 Sample : N4375-04
 Misc : 5.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2

Quant Time: Aug 31 23:41:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

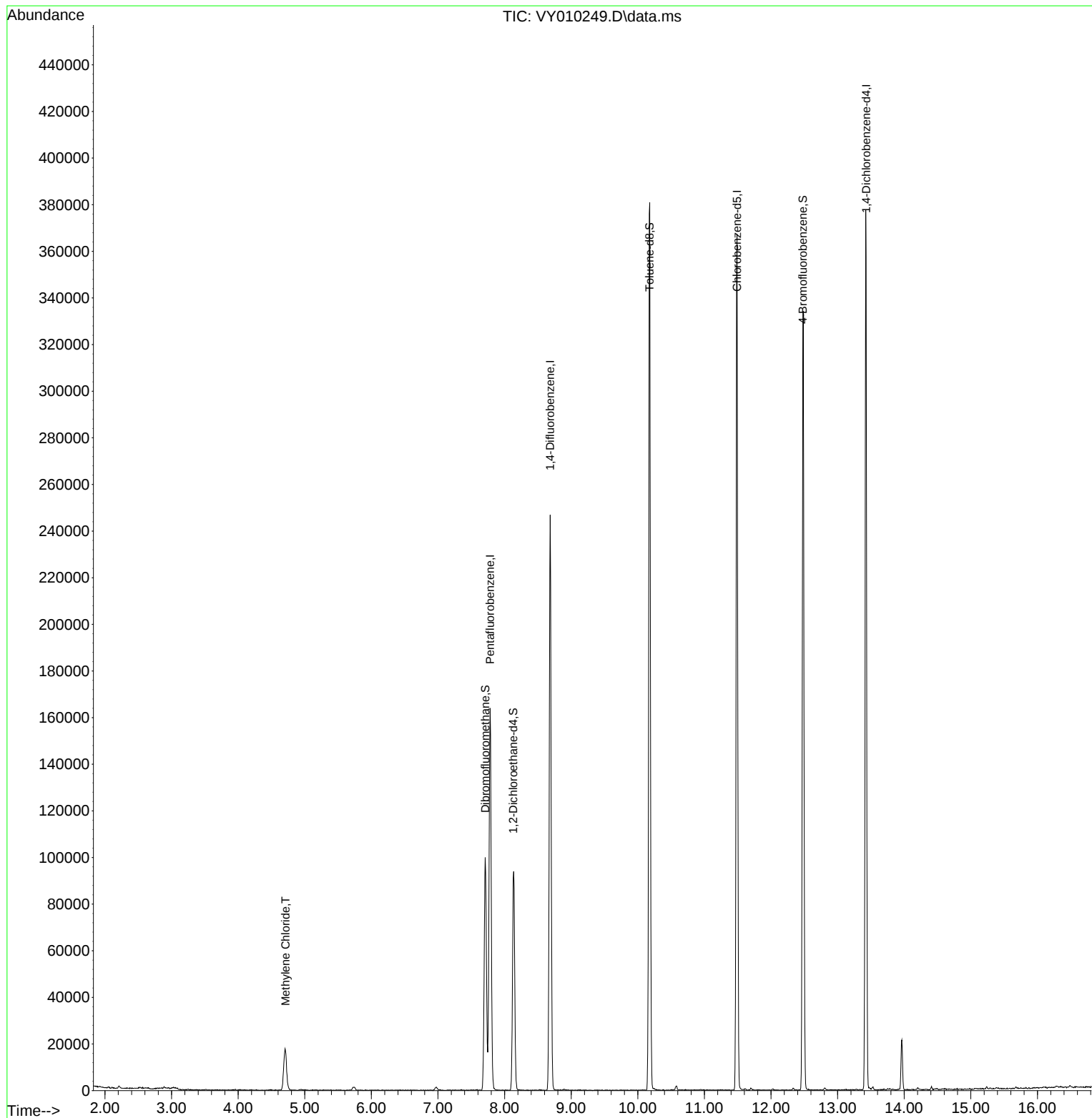
Internal Standards						
1) Pentafluorobenzene	7.783	168	137960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	220768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	77730	66.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.160%	
35) Dibromofluoromethane	7.710	113	70181	55.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.179	98	258723	54.772	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.477	95	88540	50.338	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.680%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	14590	10.146	ug/l	# 78

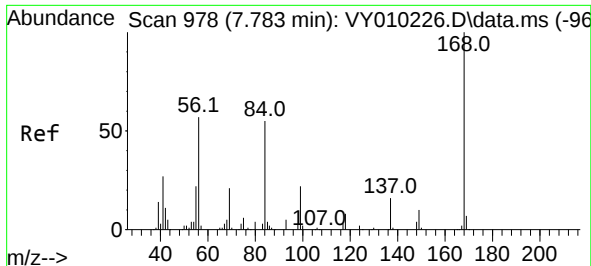
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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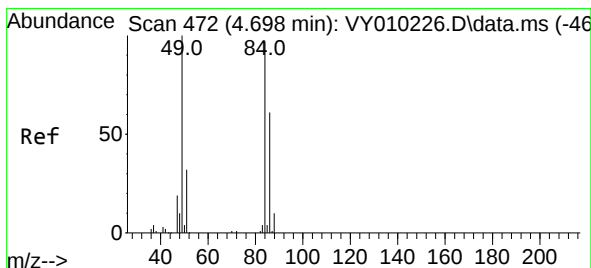
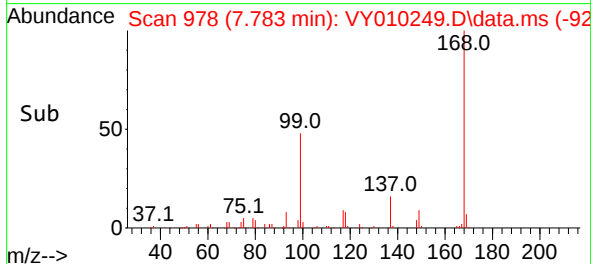
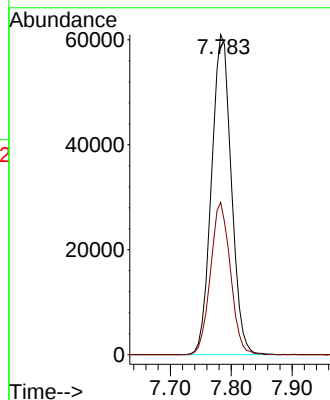
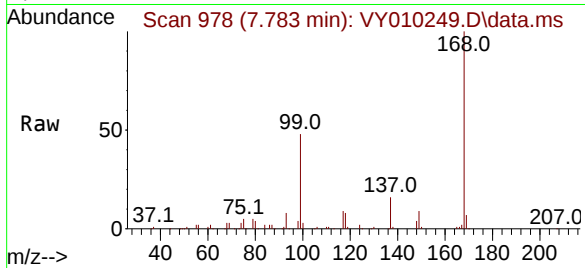




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010249.D
Acq: 31 Aug 2022 16:41

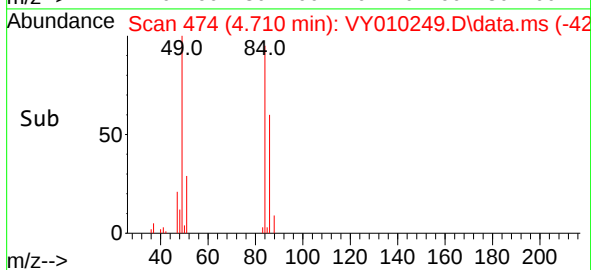
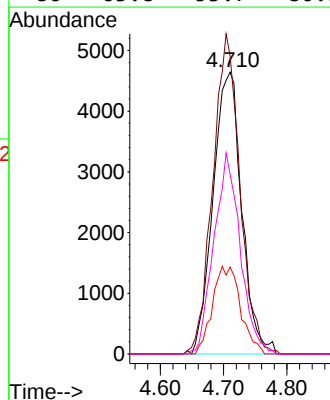
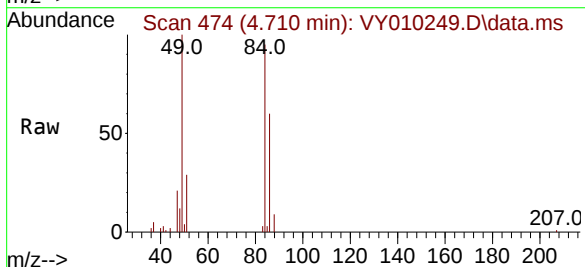
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

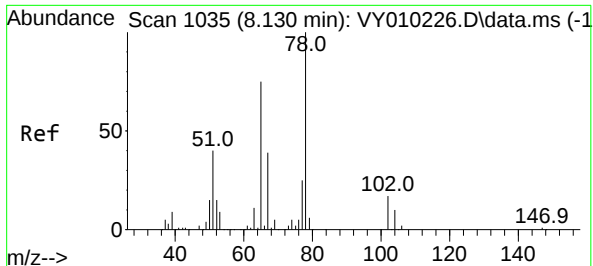
Tgt Ion:168 Resp: 137960
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3



#20
Methylene Chloride
Concen: 10.146 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY010249.D
Acq: 31 Aug 2022 16:41

Tgt Ion: 84 Resp: 14590
Ion Ratio Lower Upper
84 100
49 105.8 114.4 171.6#
51 30.8 35.3 52.9#
86 63.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 66.582 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY010249.D

Acq: 31 Aug 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

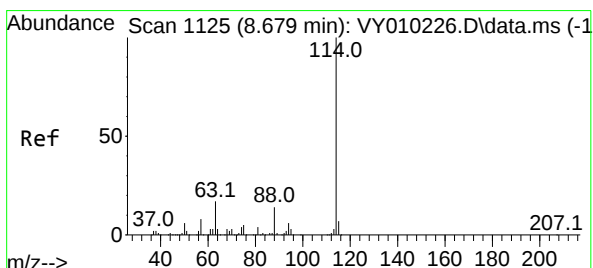
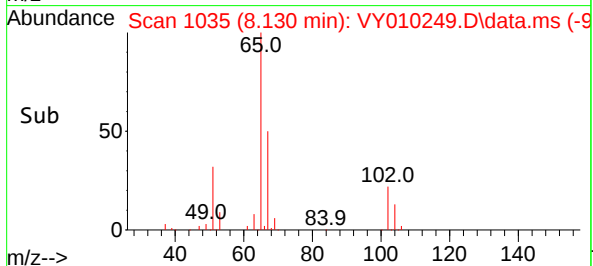
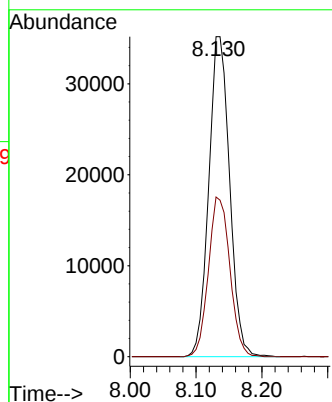
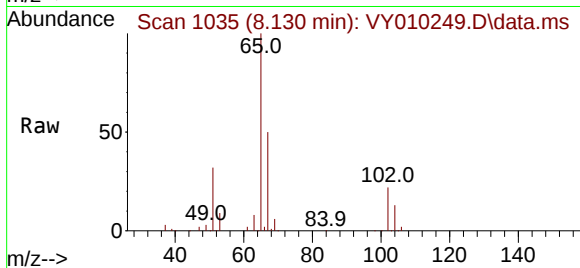
WC-2

Tgt Ion: 65 Resp: 77730

Ion Ratio Lower Upper

65 100

67 51.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010249.D

Acq: 31 Aug 2022 16:41

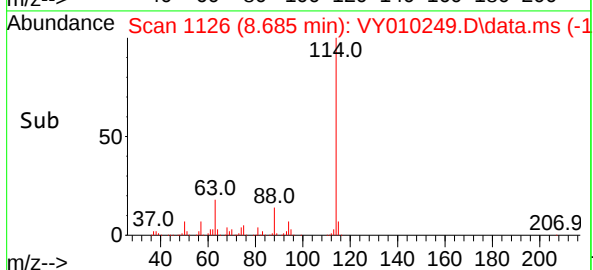
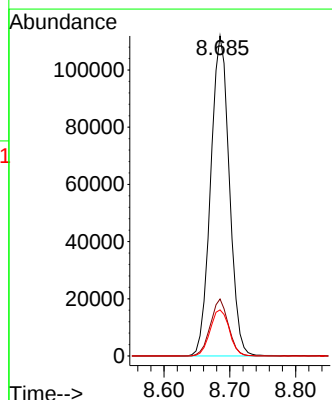
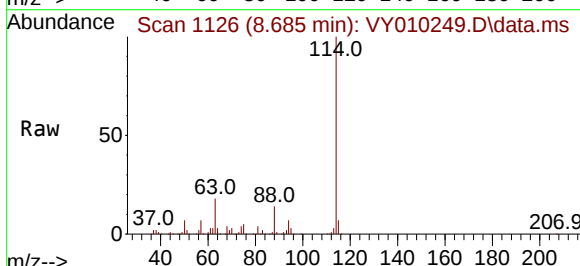
Tgt Ion: 114 Resp: 220768

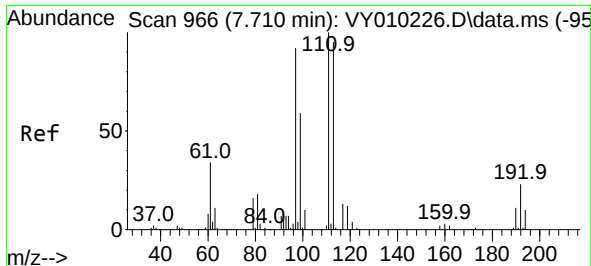
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.4 0.0 31.8

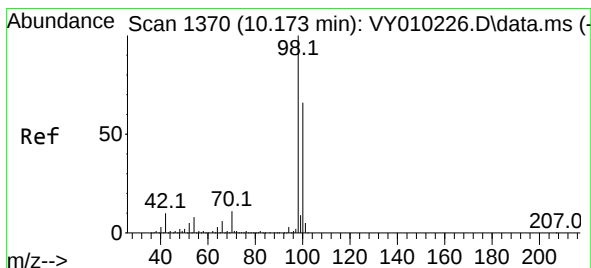
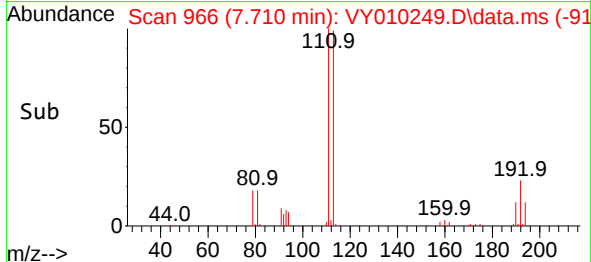
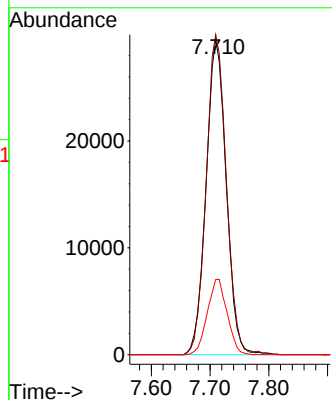
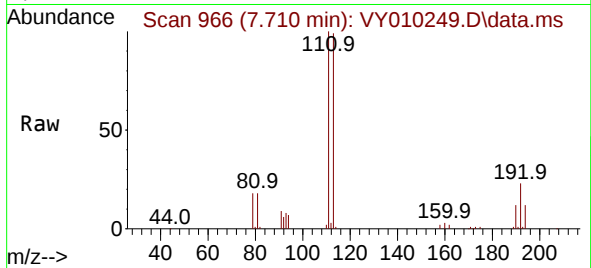




#35
Dibromofluoromethane
Concen: 55.230 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010249.D
Acq: 31 Aug 2022 16:41

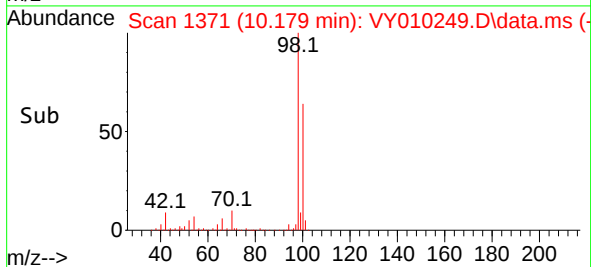
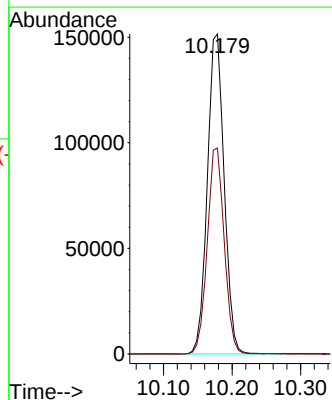
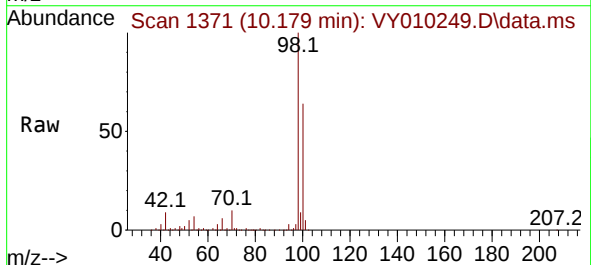
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

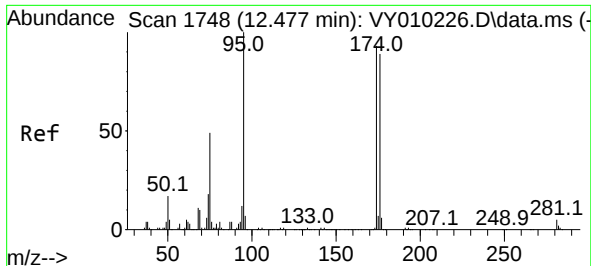
Tgt Ion:113 Resp: 70181
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 23.5 17.6 26.4



#50
Toluene-d8
Concen: 54.772 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010249.D
Acq: 31 Aug 2022 16:41

Tgt Ion: 98 Resp: 258723
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 50.338 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010249.D

Acq: 31 Aug 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

WC-2

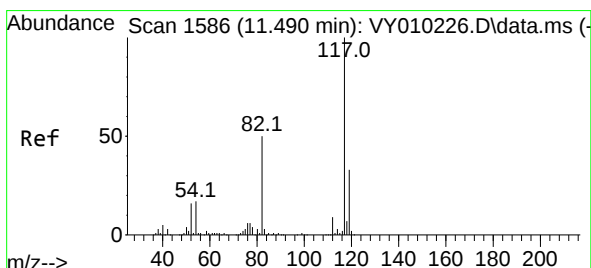
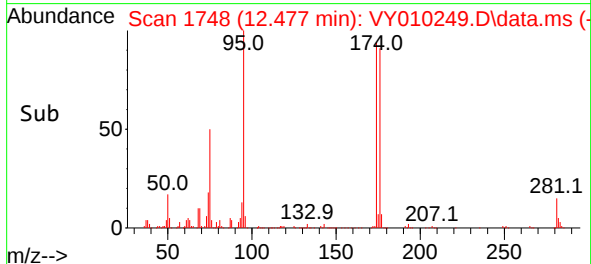
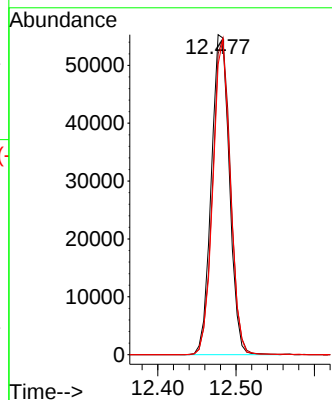
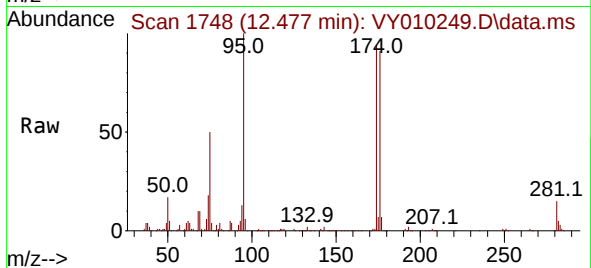
Tgt Ion: 95 Resp: 88540

Ion Ratio Lower Upper

95 100

174 97.8 0.0 177.0

176 94.8 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY010249.D

Acq: 31 Aug 2022 16:41

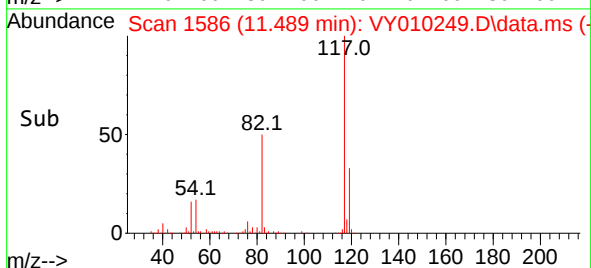
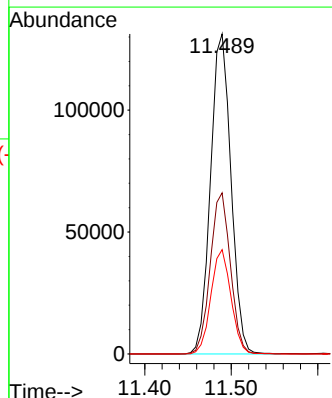
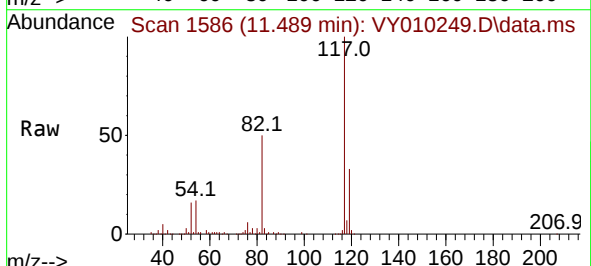
Tgt Ion: 117 Resp: 215385

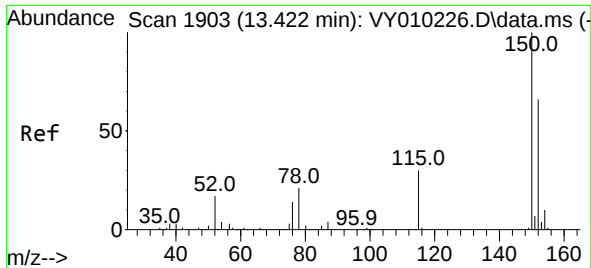
Ion Ratio Lower Upper

117 100

82 50.4 43.0 64.4

119 32.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010249.D

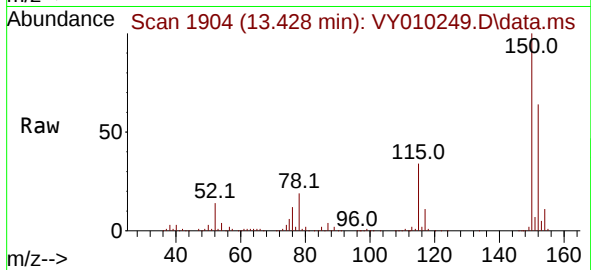
Acq: 31 Aug 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

WC-2



Tgt Ion:152 Resp: 106485

Ion Ratio Lower Upper

152 100

115 52.9 28.2 84.7

150 156.2 0.0 347.6

