

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017176.D
 Acq On : 02 Feb 2024 10:33
 Operator : SY/MD
 Sample : VY0202SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBL01

Quant Time: Feb 02 22:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	84859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	179940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	41106	54.224	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.440%	
35) Dibromofluoromethane	7.728	113	43282	43.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.000%	
50) Toluene-d8	10.185	98	159369	43.997	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.000%	
62) 4-Bromofluorobenzene	12.489	95	52219	44.007	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.020%	

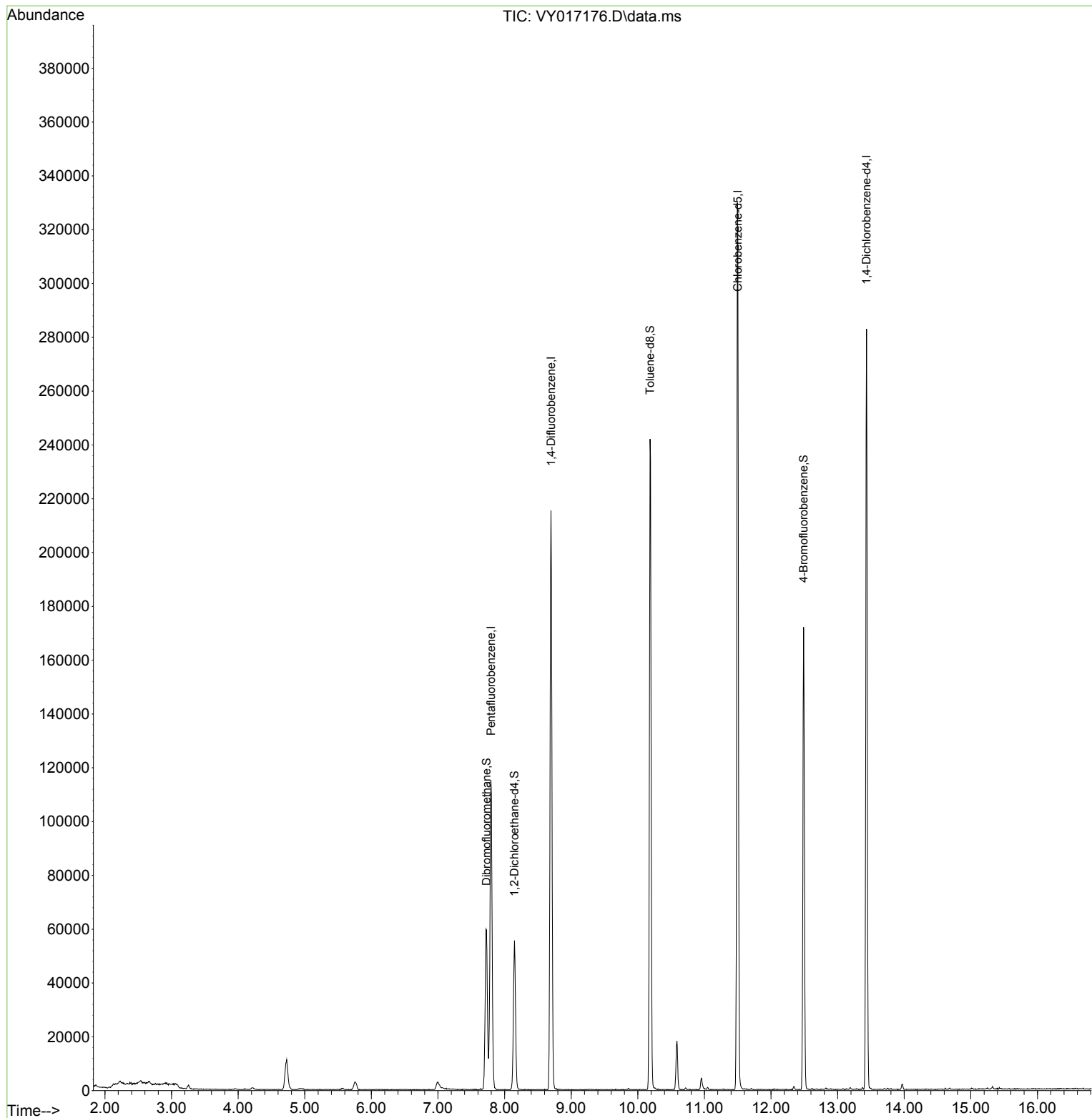
Target Compounds	Qvalue

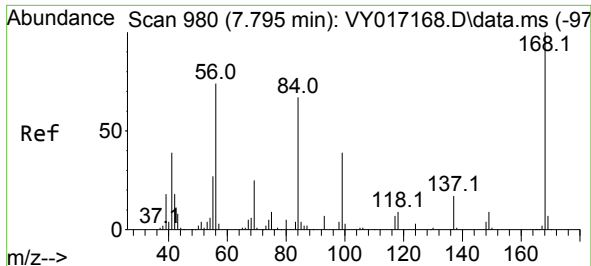
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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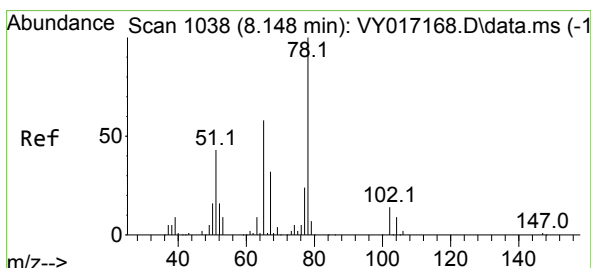
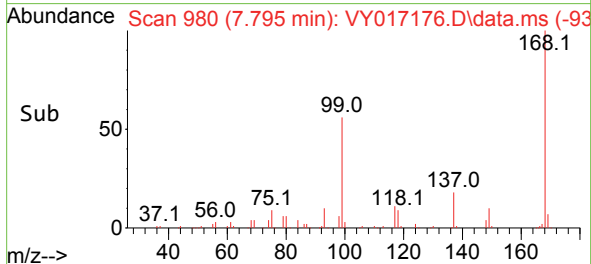
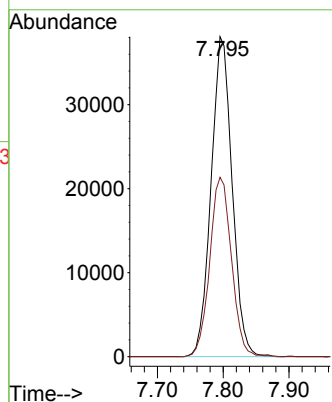
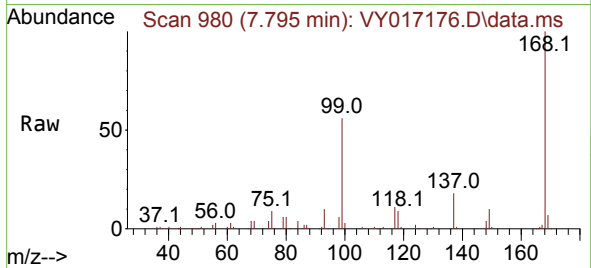




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

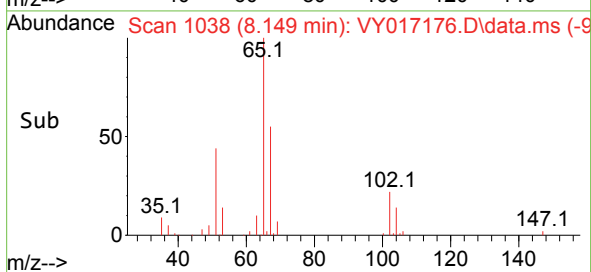
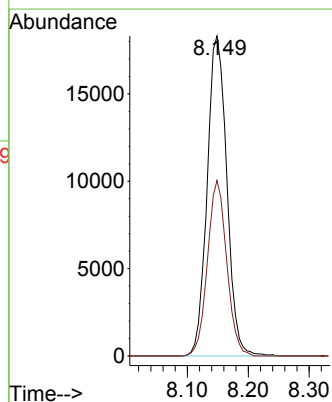
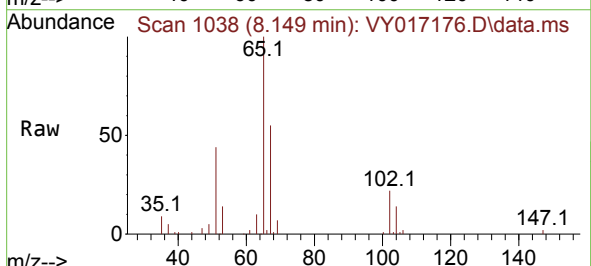
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

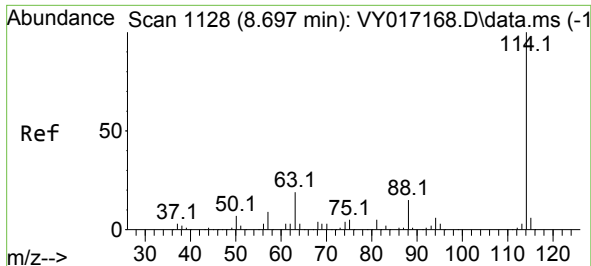
Tgt Ion:168 Resp: 84859
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.224 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Tgt Ion: 65 Resp: 41106
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017176.D

Acq: 02 Feb 2024 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBL01

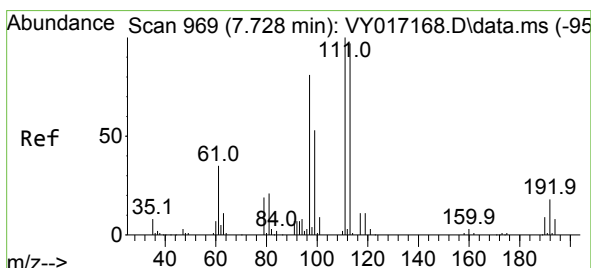
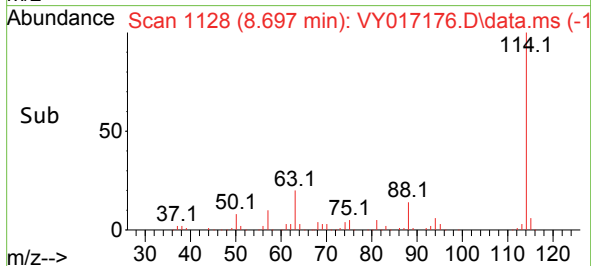
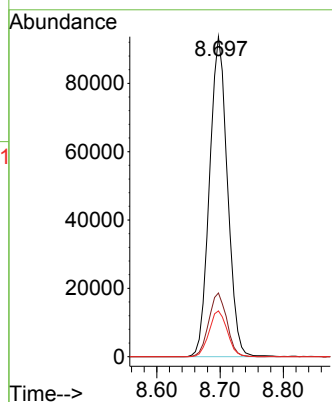
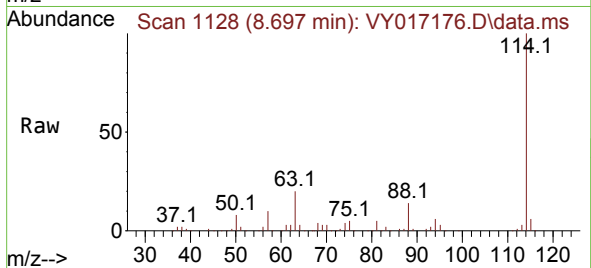
Tgt Ion:114 Resp: 184260

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 43.504 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017176.D

Acq: 02 Feb 2024 10:33

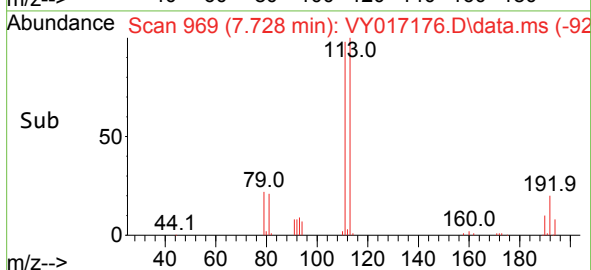
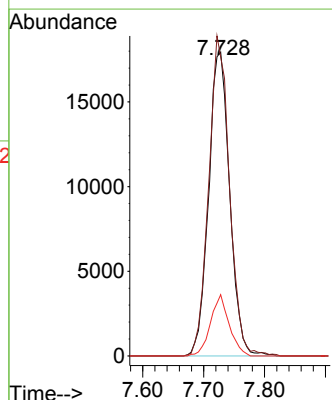
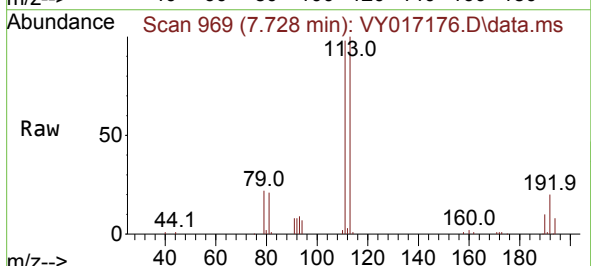
Tgt Ion:113 Resp: 43282

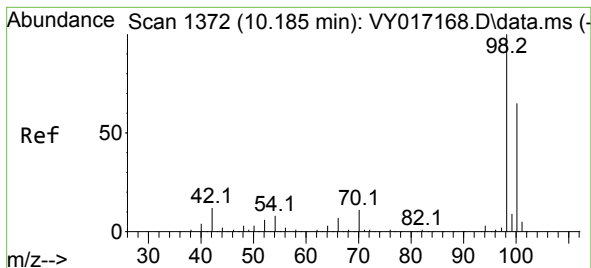
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.9 14.5 21.7





#50

Toluene-d8

Concen: 43.997 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017176.D

Acq: 02 Feb 2024 10:33

Instrument :

MSVOA_Y

ClientSampleId :

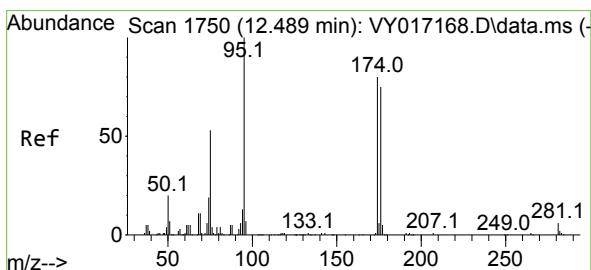
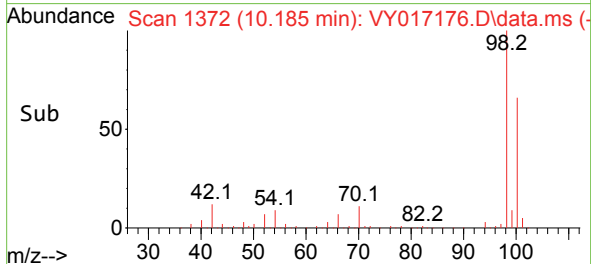
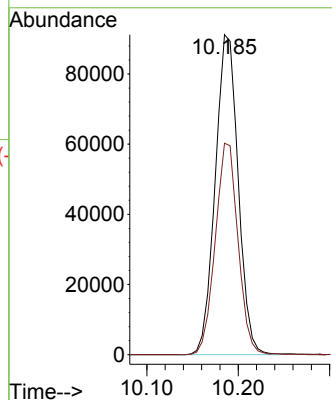
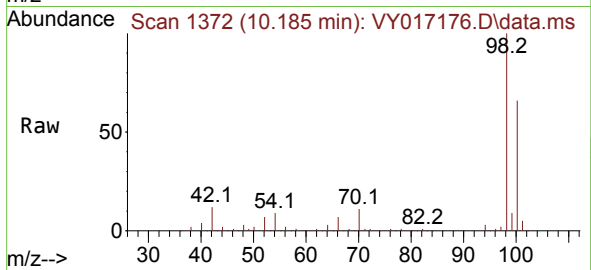
VY0202SBL01

Tgt Ion: 98 Resp: 159369

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.007 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017176.D

Acq: 02 Feb 2024 10:33

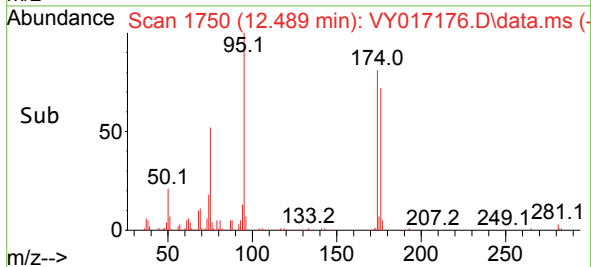
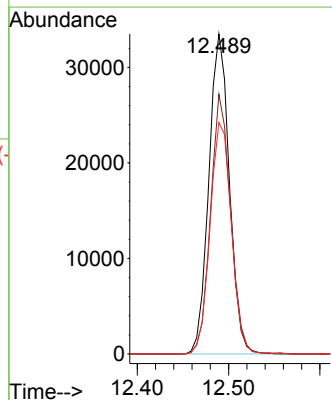
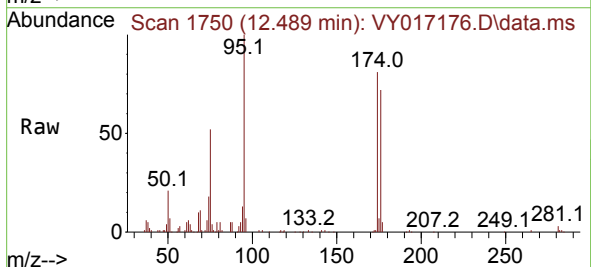
Tgt Ion: 95 Resp: 52219

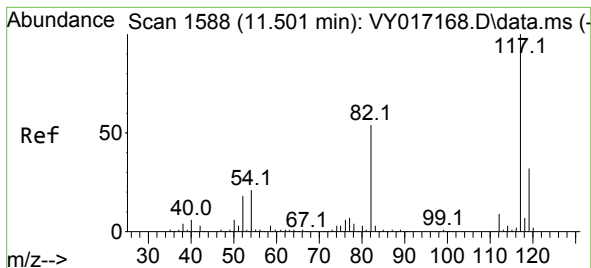
Ion Ratio Lower Upper

95 100

174 79.4 0.0 160.0

176 75.3 0.0 151.8

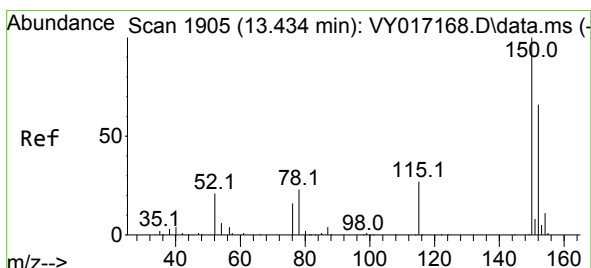
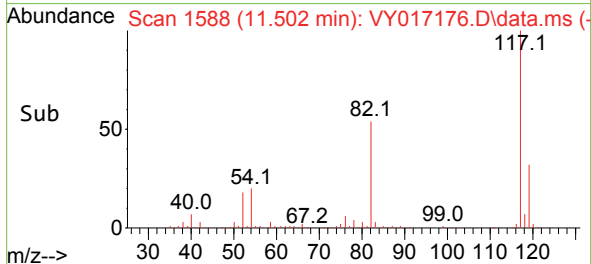
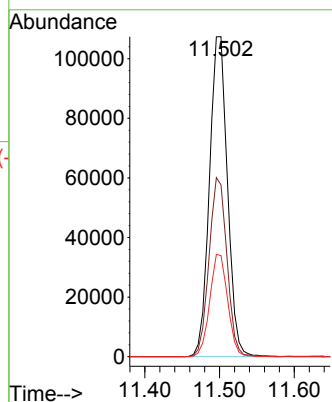
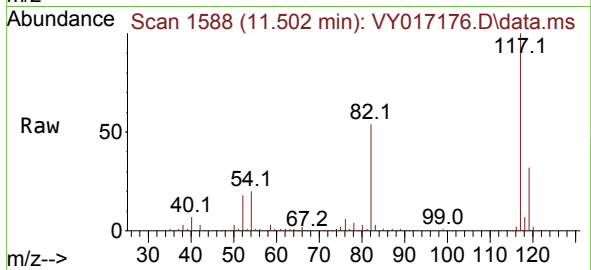




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

Tgt Ion:117 Resp: 179940
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Tgt Ion:152 Resp: 68983
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.0
150 158.9 0.0 344.6

