

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008602.D
 Acq On : 04 May 2022 11:06
 Operator : KP/MD
 Sample : VY0504SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL01

Quant Time: May 05 04:33:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132977	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	223328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112331	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63446	49.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.180%
35) Dibromofluoromethane	7.716	113	69181	46.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.620%
50) Toluene-d8	10.179	98	263912	50.409	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.483	95	96264	50.166	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.340%

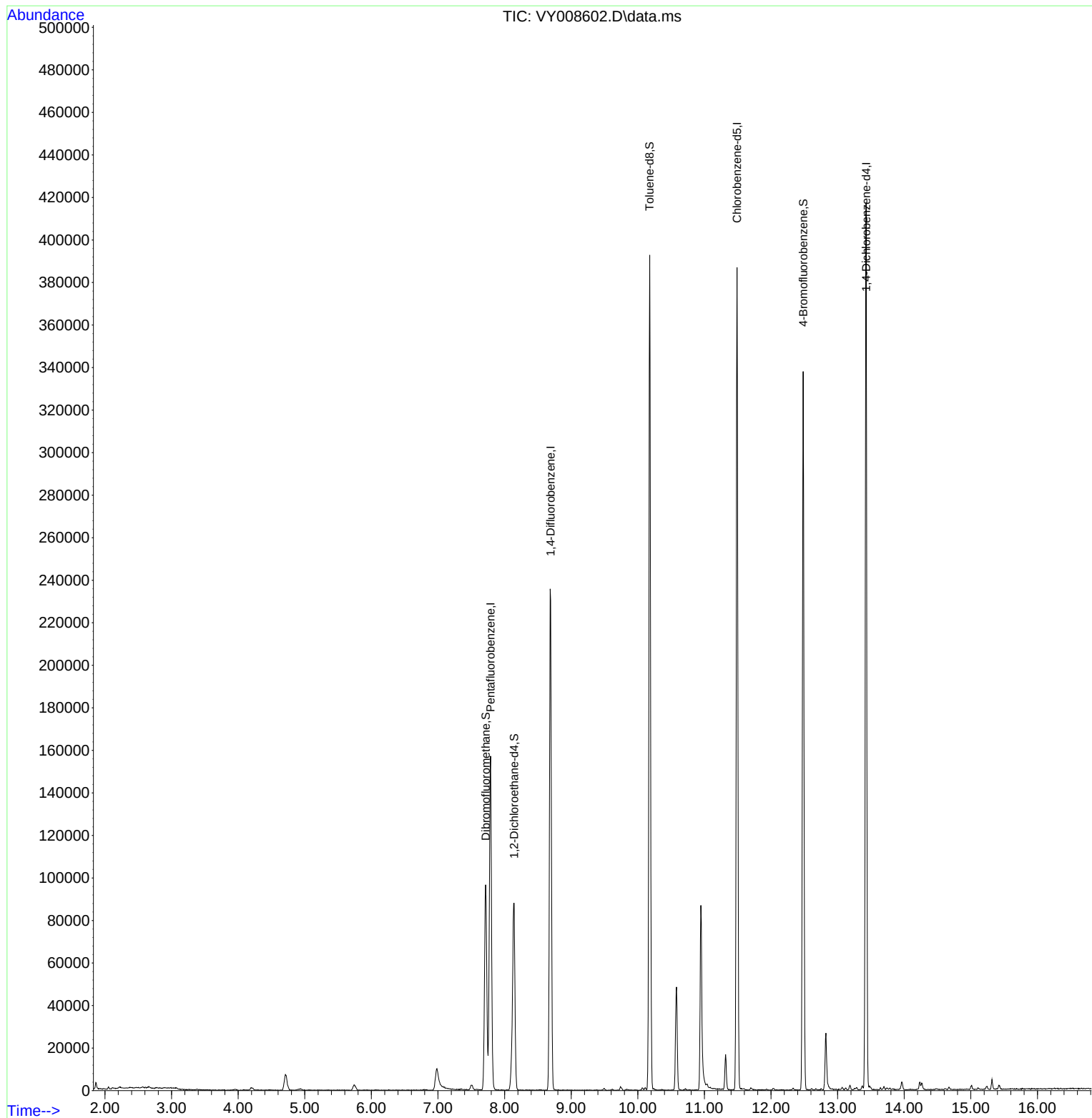
Target Compounds	Qvalue

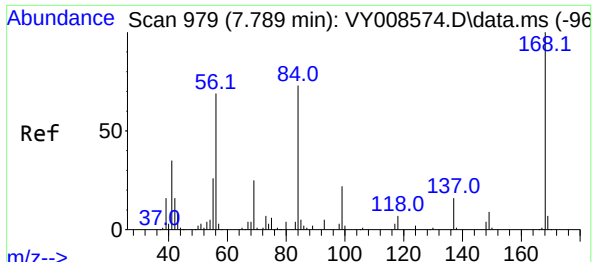
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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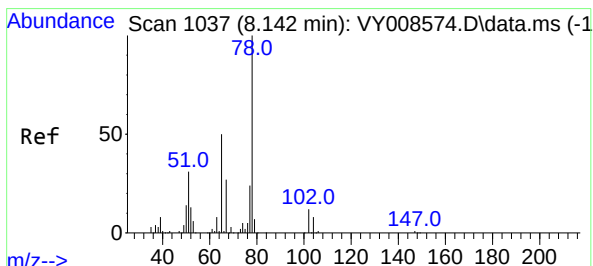
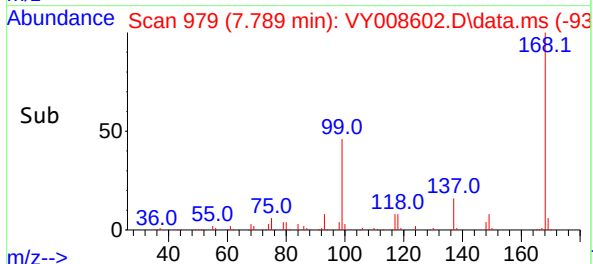
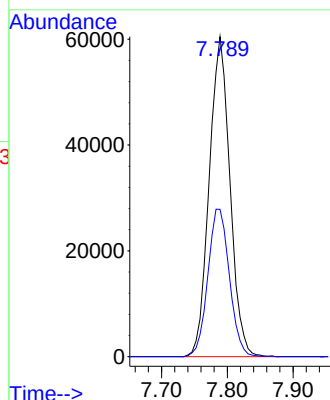
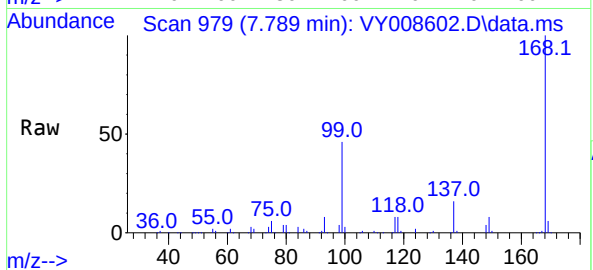




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

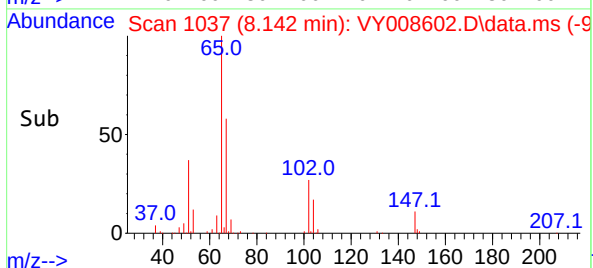
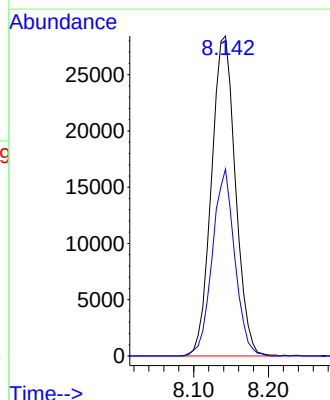
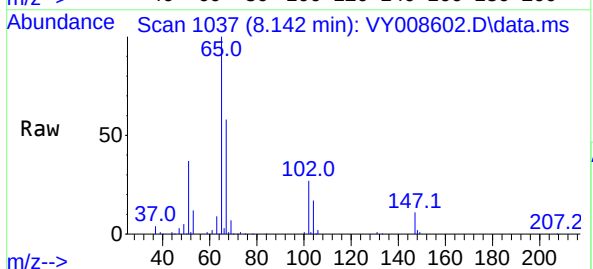
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL01

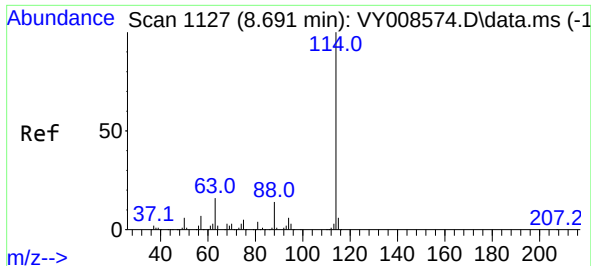
Tgt Ion:168 Resp: 132977
Ion Ratio Lower Upper
168 100
99 46.1 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 49.090 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

Tgt Ion: 65 Resp: 63446
Ion Ratio Lower Upper
65 100
67 54.7 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: VY008602.D

Acq: 04 May 2022 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBL01

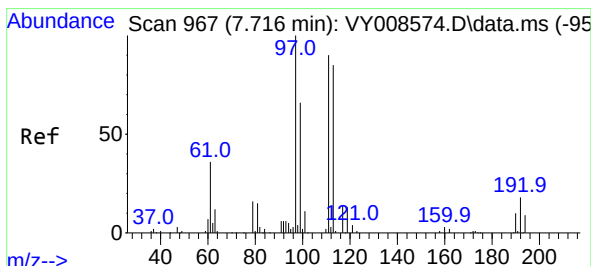
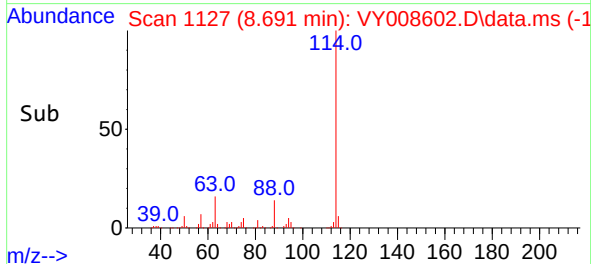
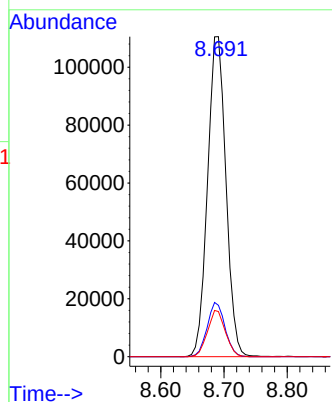
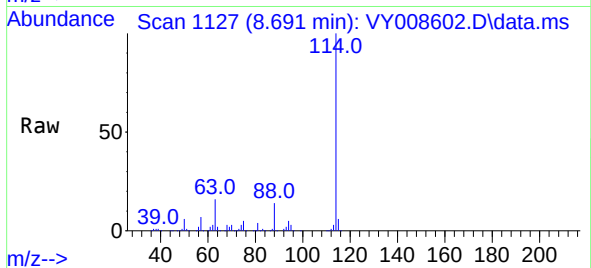
Tgt Ion:114 Resp: 223328

Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.815 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008602.D

Acq: 04 May 2022 11:06

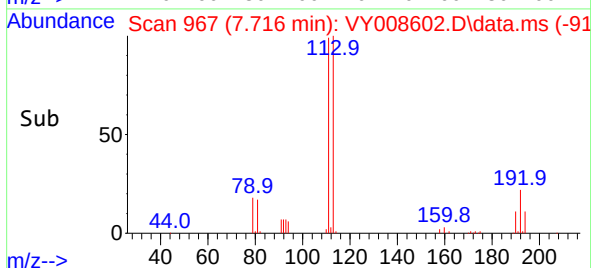
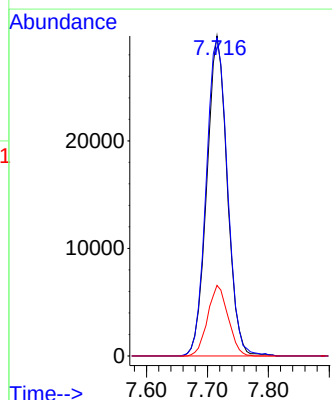
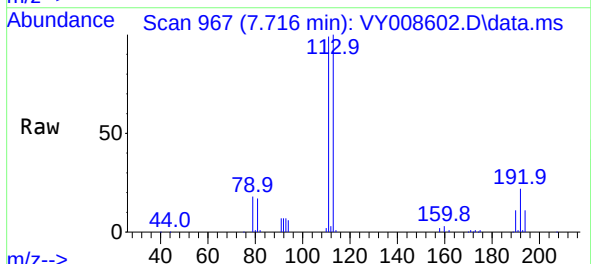
Tgt Ion:113 Resp: 69181

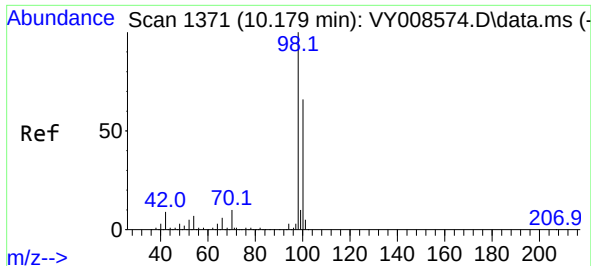
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 22.1 17.6 26.4

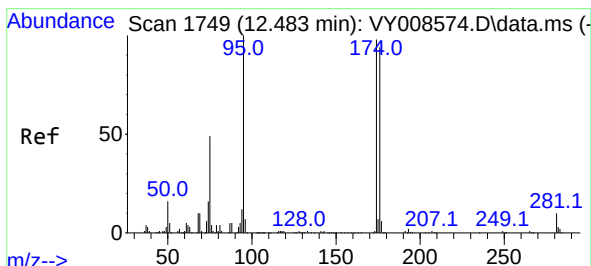
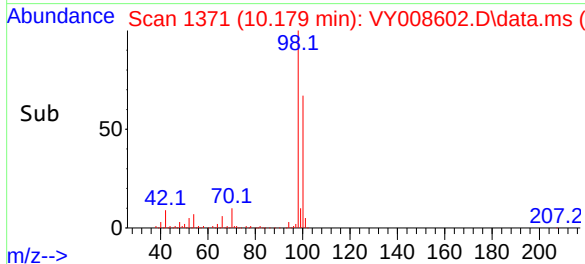
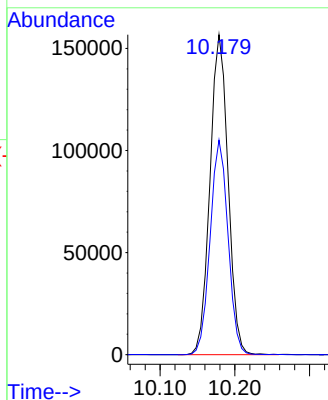
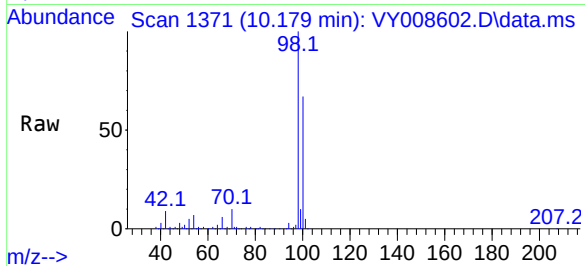




#50
Toluene-d8
Concen: 50.409 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

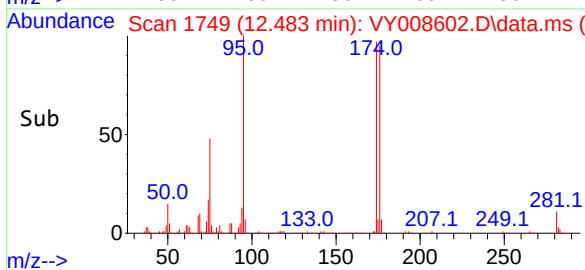
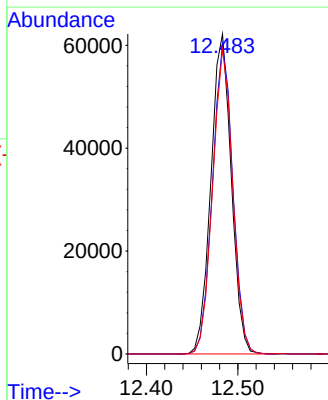
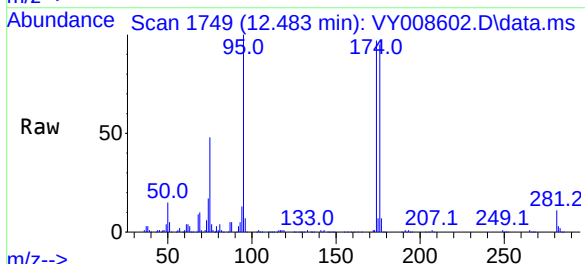
Instrument :
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ClientSampleId :
VY0504SBL01

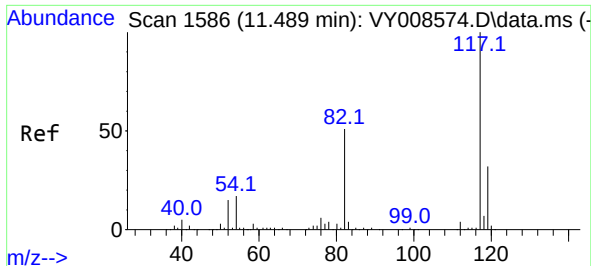
Tgt Ion: 98 Resp: 263912
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

Tgt Ion: 95 Resp: 96264
Ion Ratio Lower Upper
95 100
174 96.4 0.0 177.0
176 93.6 0.0 175.8

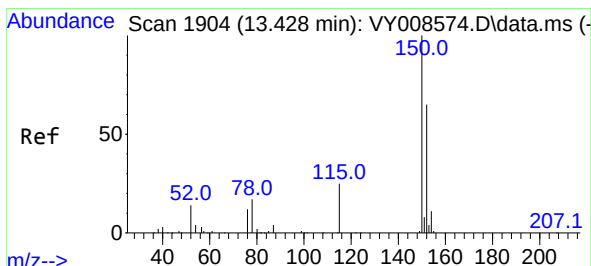
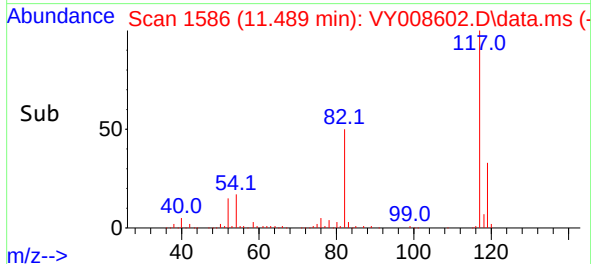
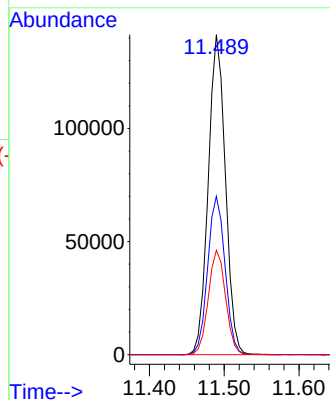
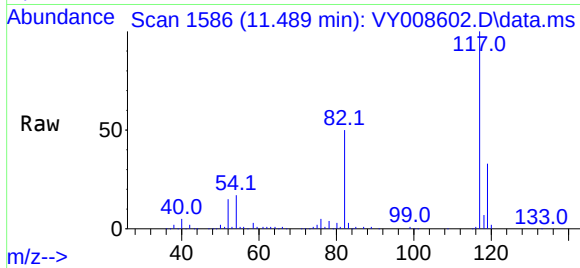




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL01

Tgt Ion:117 Resp: 225174
Ion Ratio Lower Upper
117 100
82 49.5 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. -0.000 min
Lab File: VY008602.D
Acq: 04 May 2022 11:06

Tgt Ion:152 Resp: 112331
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 159.4 0.0 347.6

