

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008610.D
 Acq On : 04 May 2022 14:26
 Operator : KP/MD
 Sample : N2619-03
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS02-1-2-FT

Quant Time: May 05 04:35:20 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	130022	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	223313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65361	51.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.440%	
35) Dibromofluoromethane	7.716	113	71066	48.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.180%	
50) Toluene-d8	10.179	98	266184	50.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.483	95	93488	48.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.440%	

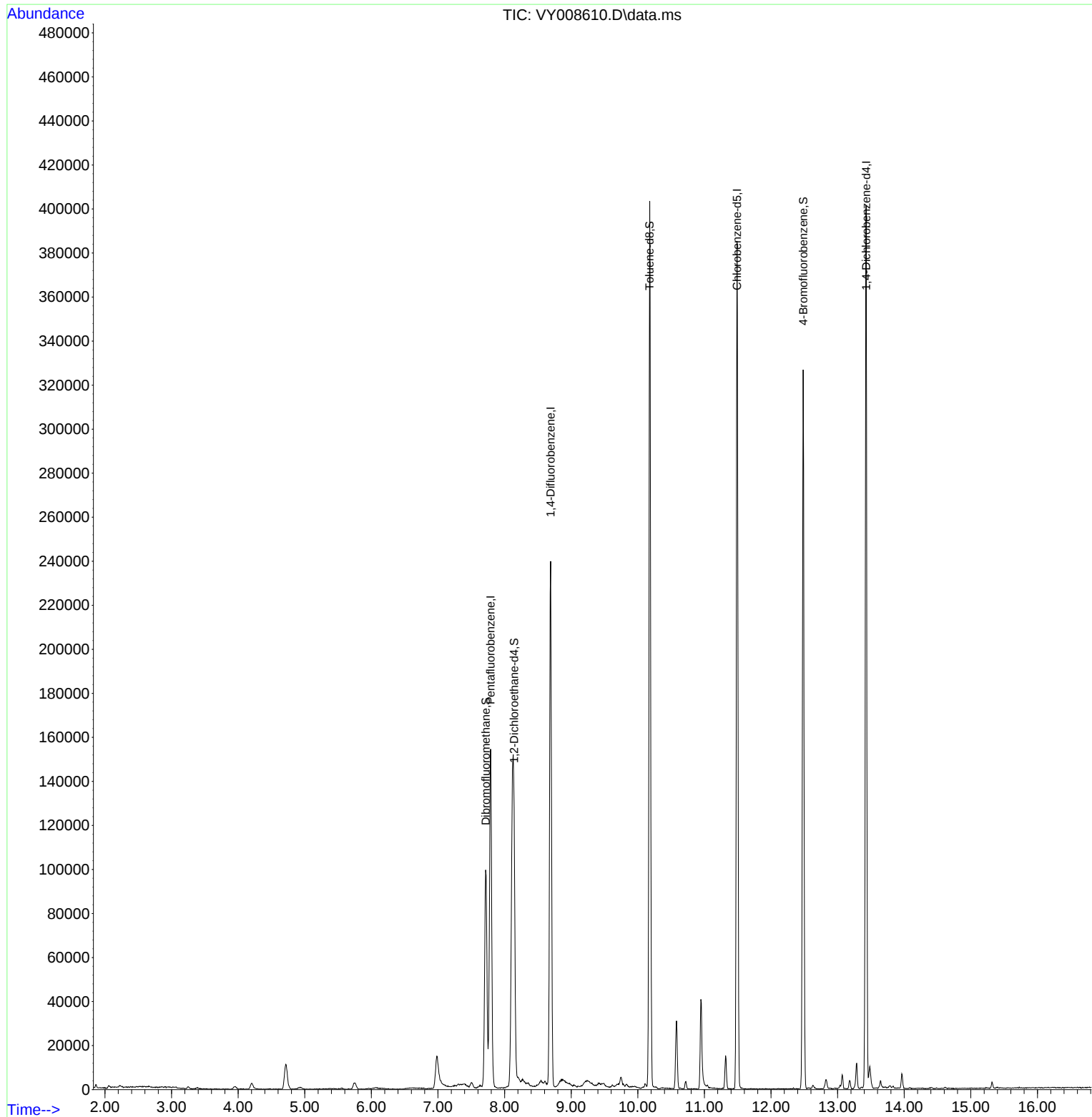
Target Compounds	Qvalue

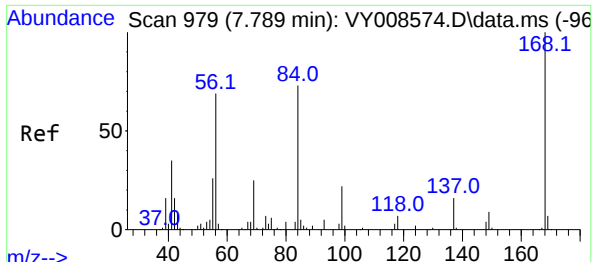
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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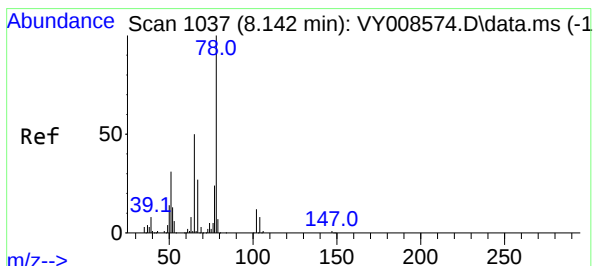
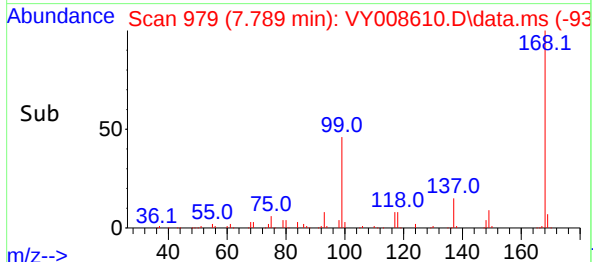
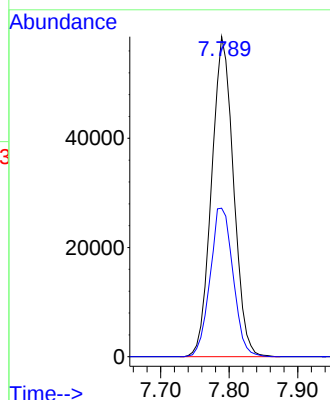
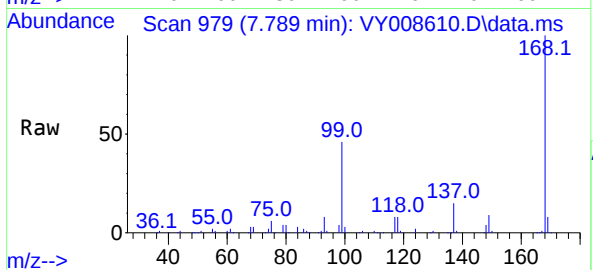




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

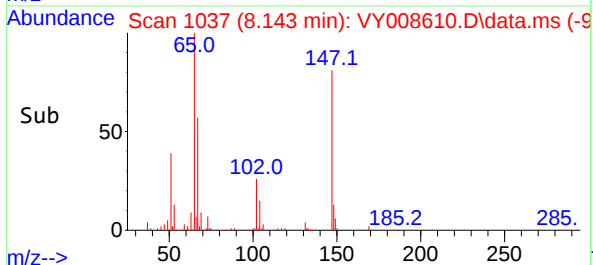
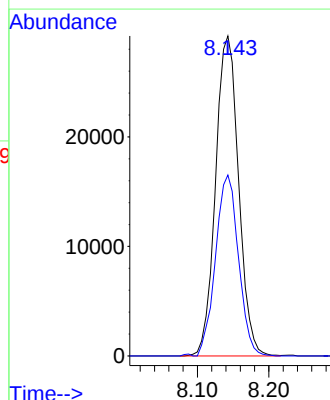
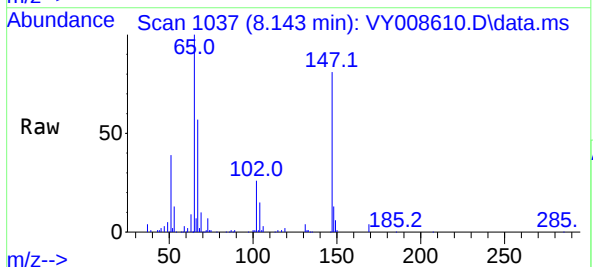
Instrument :
MSVOA_Y
ClientSampleId :
SS02-1-2-FT

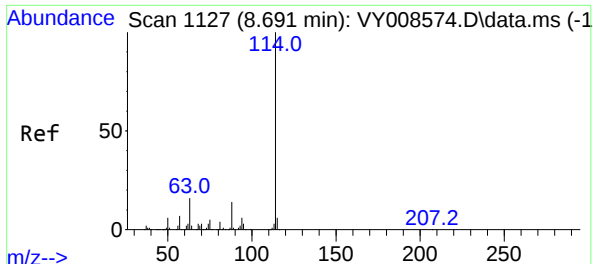
Tgt Ion:168 Resp: 130022
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 51.721 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

Tgt Ion: 65 Resp: 65361
Ion Ratio Lower Upper
65 100
67 56.3 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: VY008610.D

Acq: 04 May 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

SS02-1-2-FT

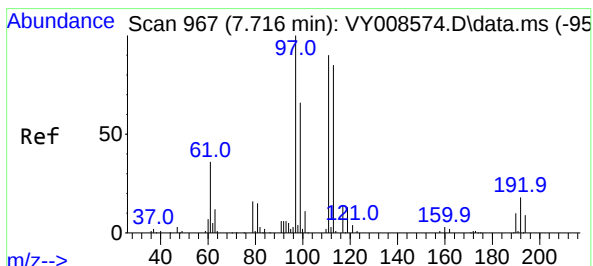
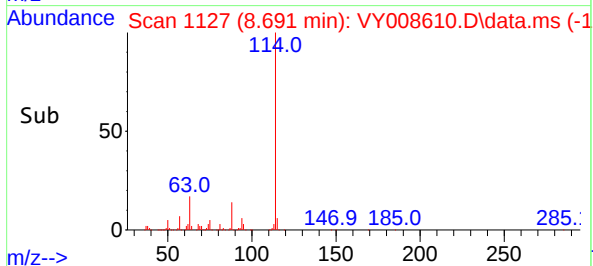
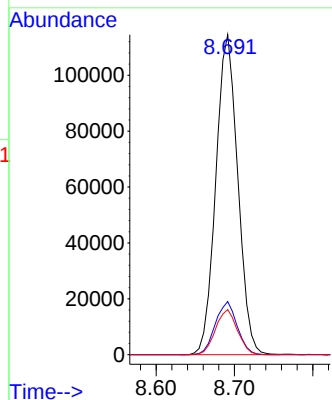
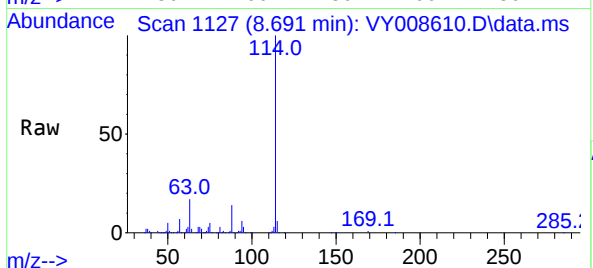
Tgt Ion:114 Resp: 223313

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.094 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008610.D

Acq: 04 May 2022 14:26

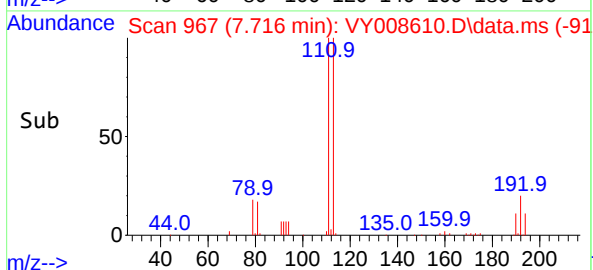
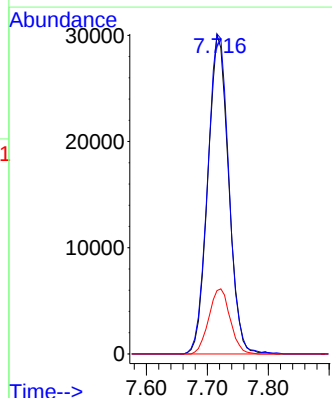
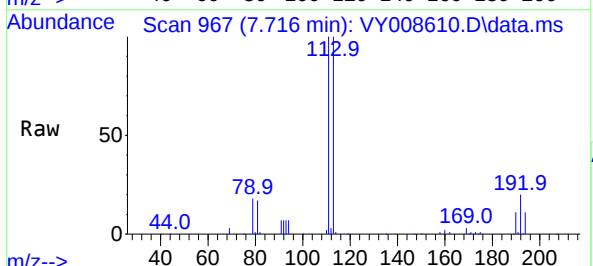
Tgt Ion:113 Resp: 71066

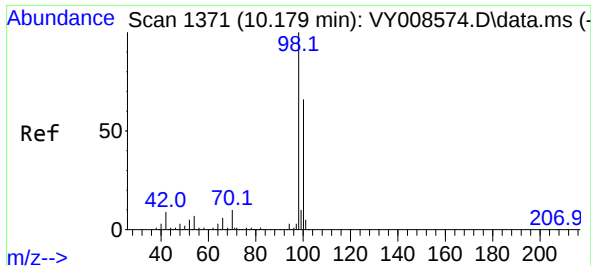
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 20.9 17.6 26.4

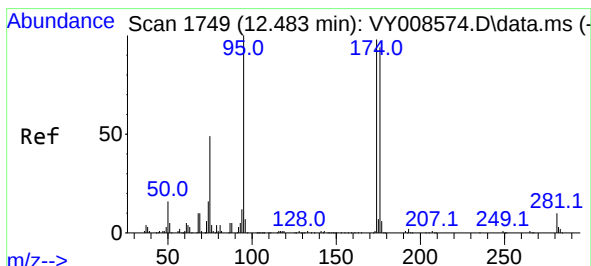
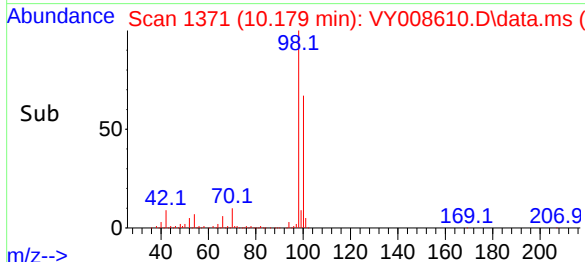
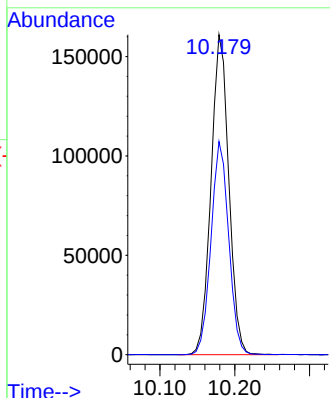
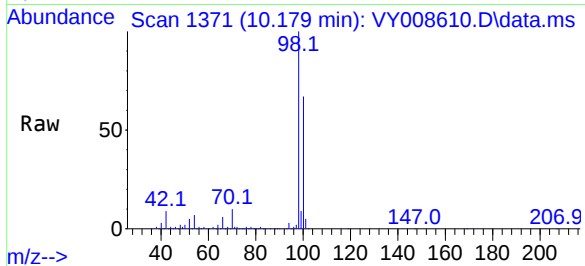




#50
Toluene-d8
Concen: 50.846 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

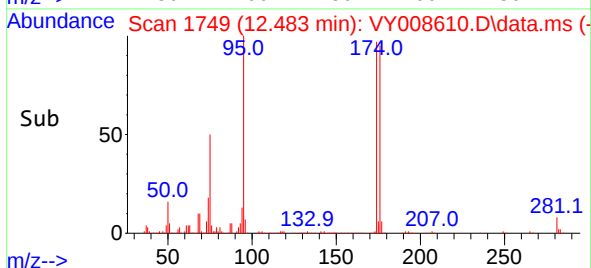
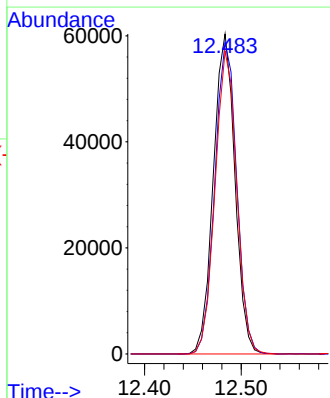
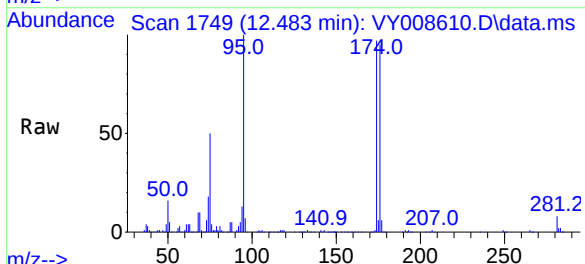
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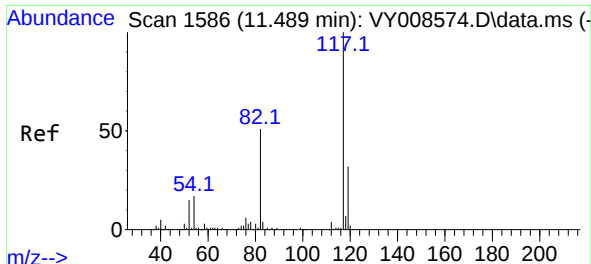
Tgt Ion: 98 Resp: 266184
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

Tgt Ion: 95 Resp: 93488
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 94.6 0.0 175.8

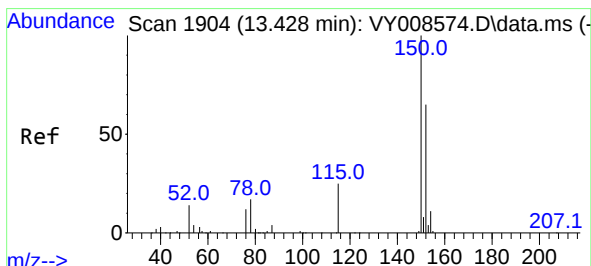
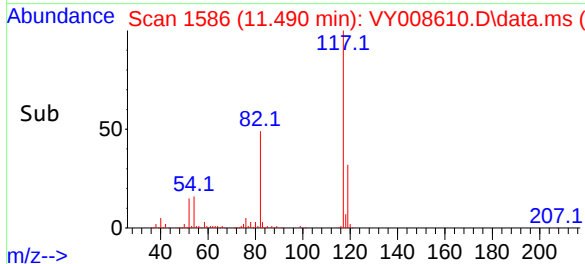
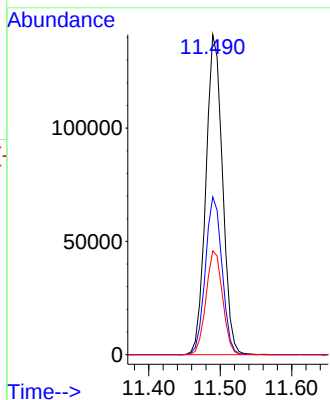
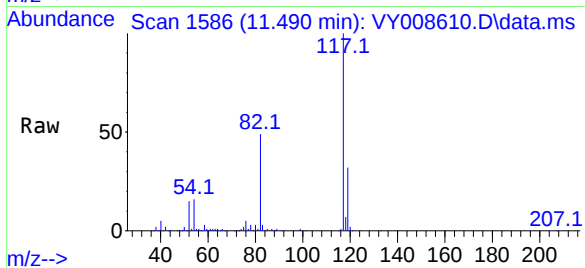




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

Instrument :
MSVOA_Y
ClientSampleId :
SS02-1-2-FT

Tgt Ion:117 Resp: 227695
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 32.4 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: VY008610.D
Acq: 04 May 2022 14:26

Tgt Ion:152 Resp: 108192
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 157.8 0.0 347.6

