

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012441.D
 Acq On : 01 Feb 2023 14:52
 Operator : KP/MD
 Sample : 01382-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-013123

Quant Time: Feb 01 23:05:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3442	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	6094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6335	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2587	94.147	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.300%#	
35) Dibromofluoromethane	7.716	113	963	29.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 59.680%	
50) Toluene-d8	10.179	98	7354	67.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 134.540%	
62) 4-Bromofluorobenzene	12.483	95	2626	57.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.460%	

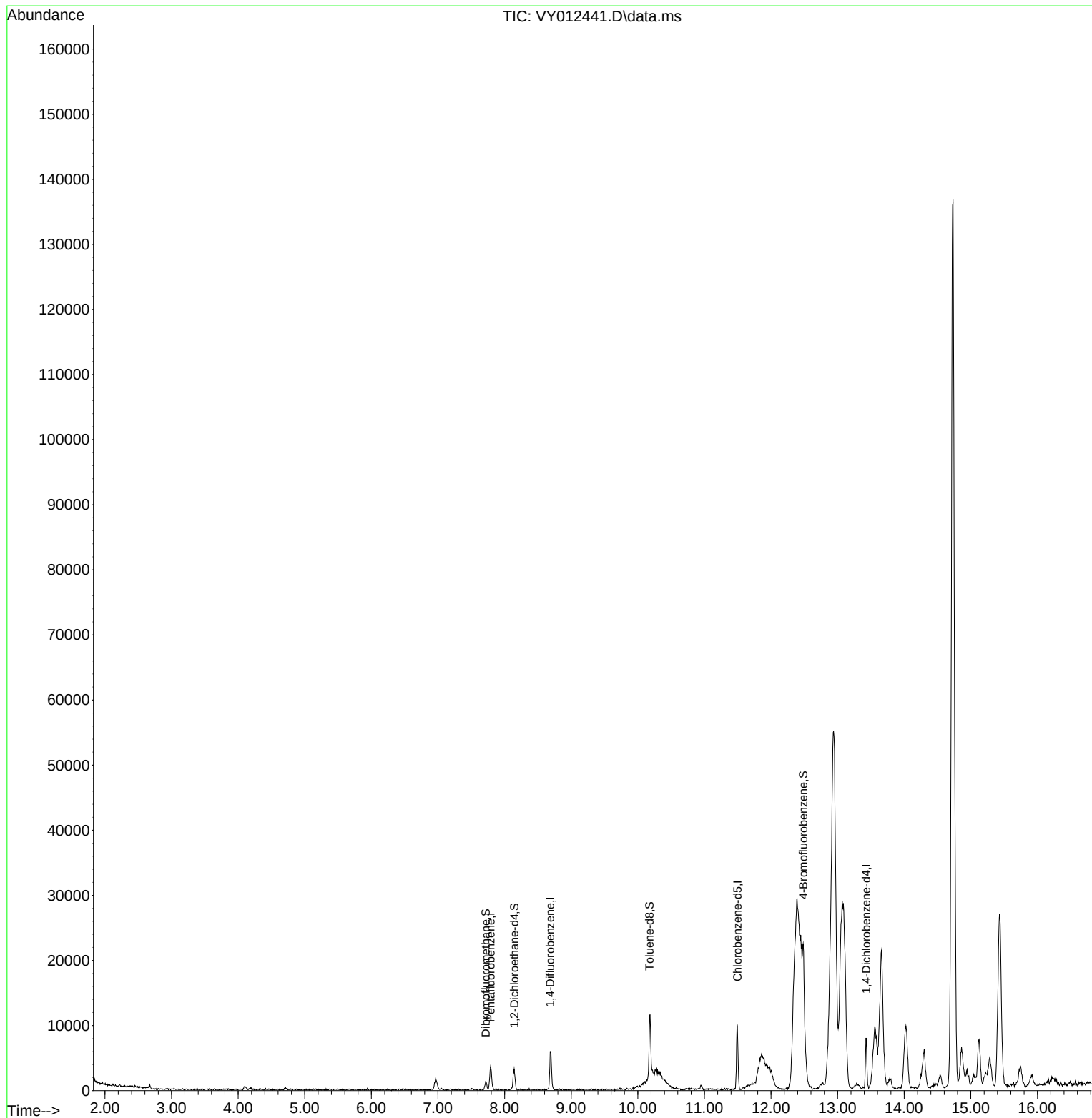
Target Compounds	Qvalue

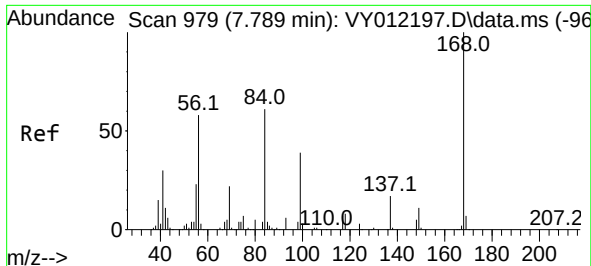
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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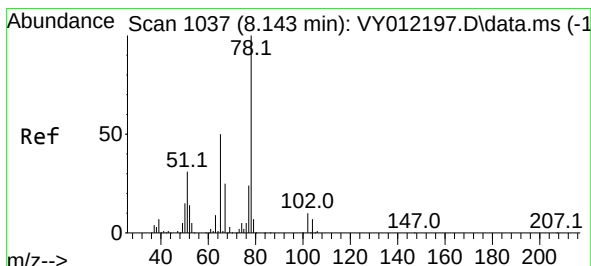
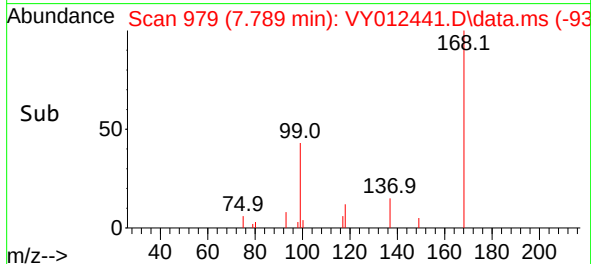
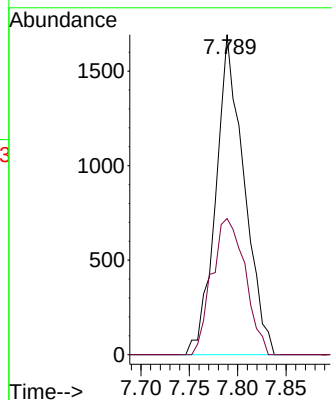
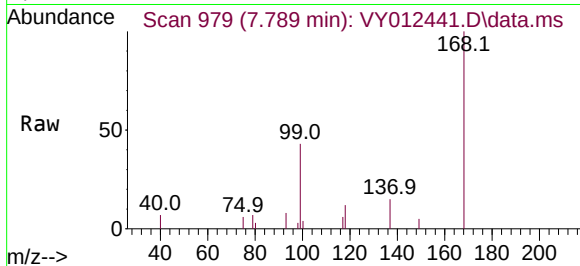




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012441.D
Acq: 01 Feb 2023 14:52

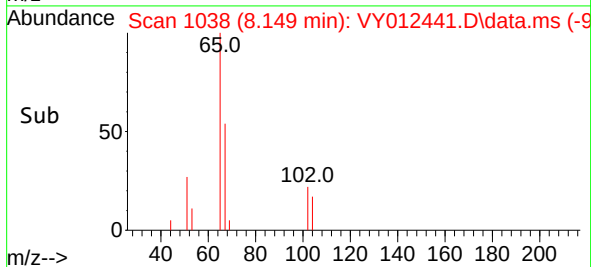
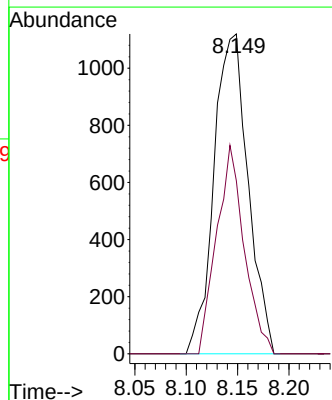
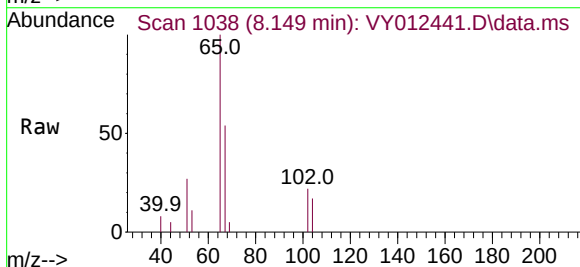
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-013123

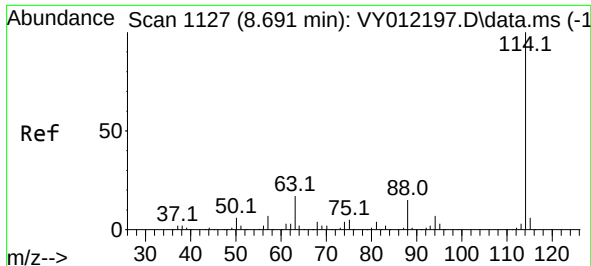
Tgt Ion:168 Resp: 3442
Ion Ratio Lower Upper
168 100
99 42.5 44.0 66.0#



#33
1,2-Dichloroethane-d4
Concen: 94.147 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012441.D
Acq: 01 Feb 2023 14:52

Tgt Ion: 65 Resp: 2587
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012441.D

Acq: 01 Feb 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-013123

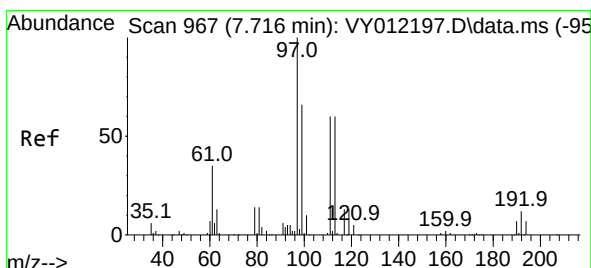
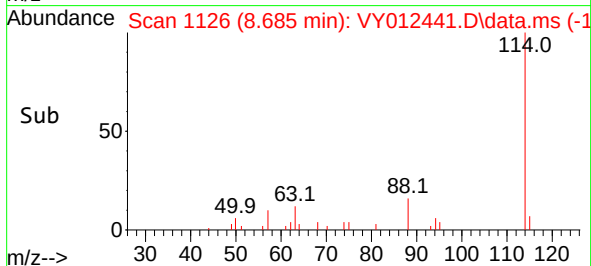
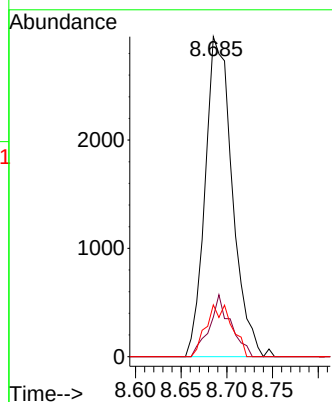
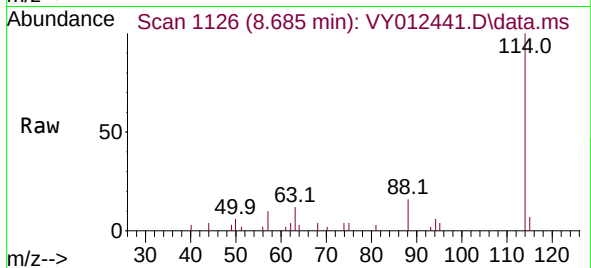
Tgt Ion:114 Resp: 6094

Ion Ratio Lower Upper

114 100

63 12.3 0.0 39.6

88 16.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 29.844 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012441.D

Acq: 01 Feb 2023 14:52

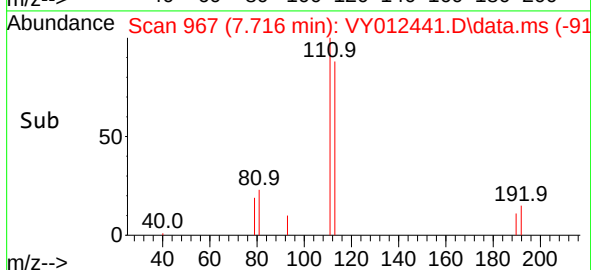
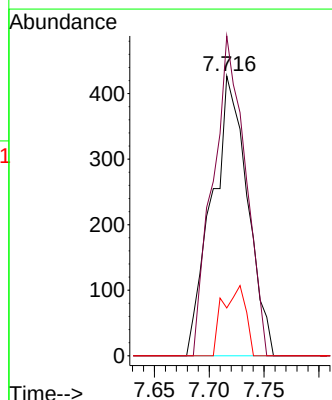
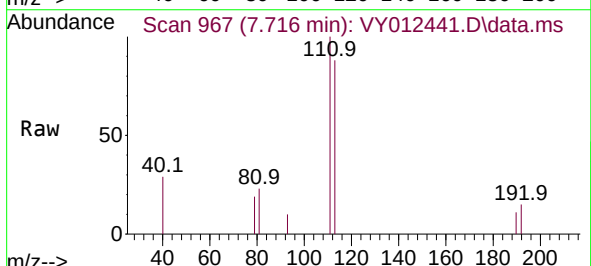
Tgt Ion:113 Resp: 963

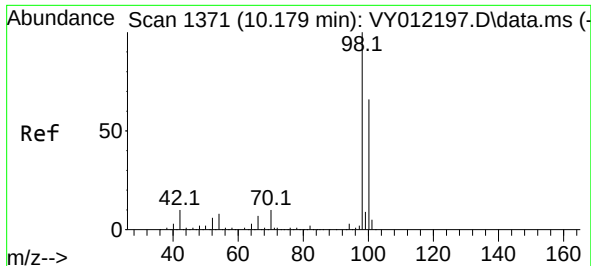
Ion Ratio Lower Upper

113 100

111 104.4 83.0 124.4

192 16.1 16.0 24.0

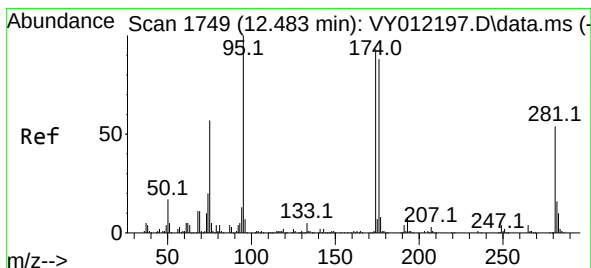
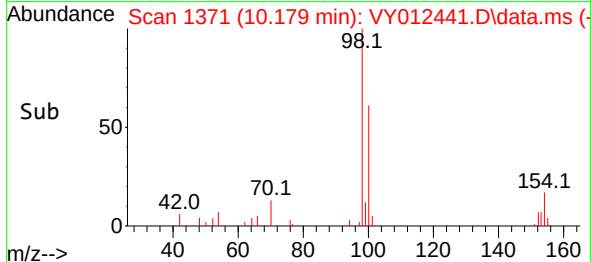
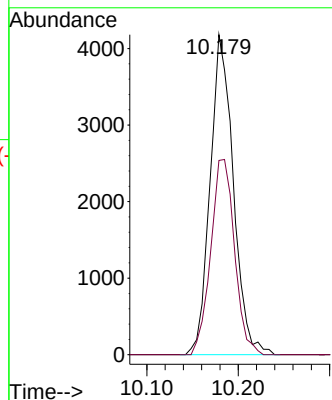
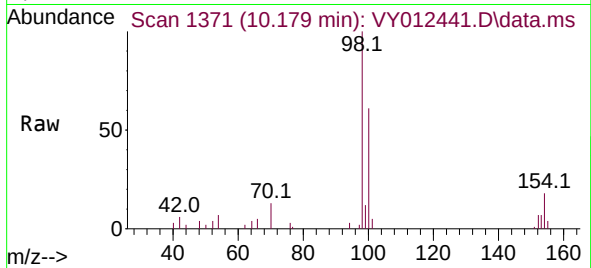




#50
Toluene-d8
Concen: 67.274 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012441.D
Acq: 01 Feb 2023 14:52

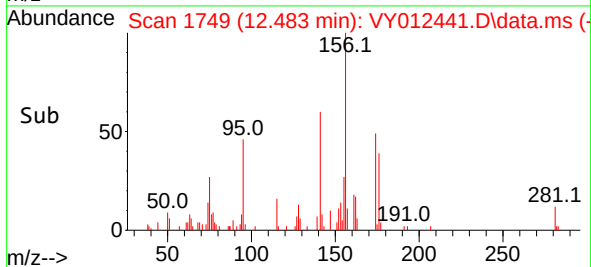
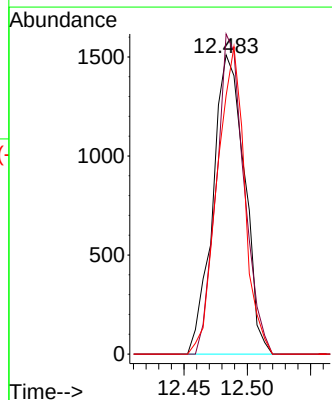
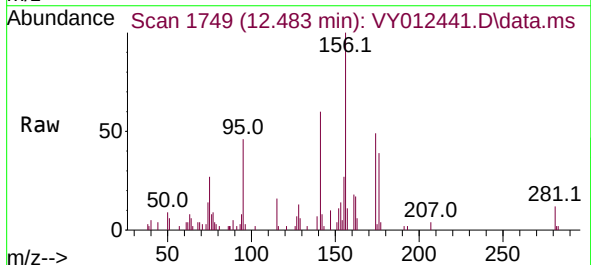
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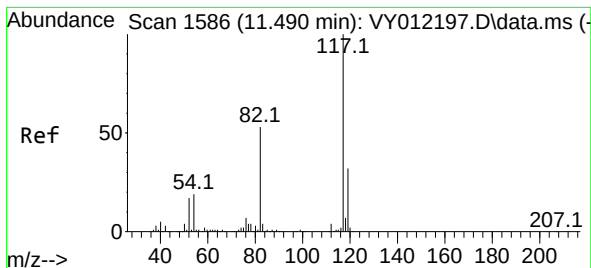
Tgt Ion: 98 Resp: 7354
Ion Ratio Lower Upper
98 100
100 62.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 57.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012441.D
Acq: 01 Feb 2023 14:52

Tgt Ion: 95 Resp: 2626
Ion Ratio Lower Upper
95 100
174 93.5 0.0 172.0
176 89.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012441.D

Acq: 01 Feb 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-013123

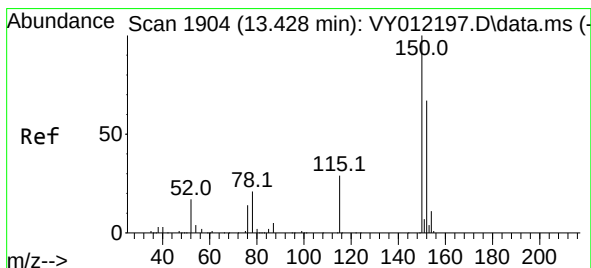
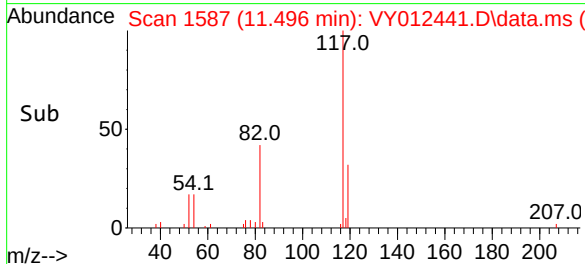
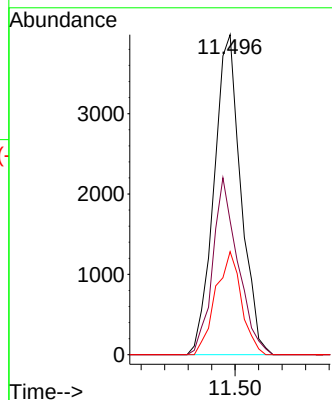
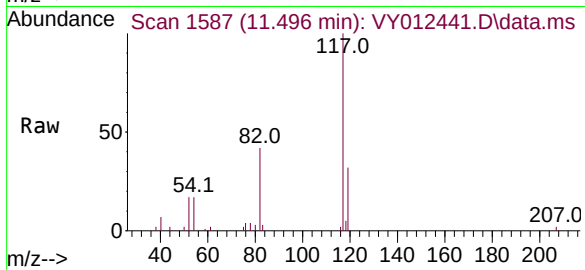
Tgt Ion:117 Resp: 6335

Ion Ratio Lower Upper

117 100

82 41.8 44.8 67.2#

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012441.D

Acq: 01 Feb 2023 14:52

Tgt Ion:152 Resp: 2307

Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.3

150 166.8 0.0 342.6

