

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012523\
 Data File : VY012362.D
 Acq On : 25 Jan 2023 17:28
 Operator : KP/MD
 Sample : 01243-05RE
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 26 04:10:11 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)

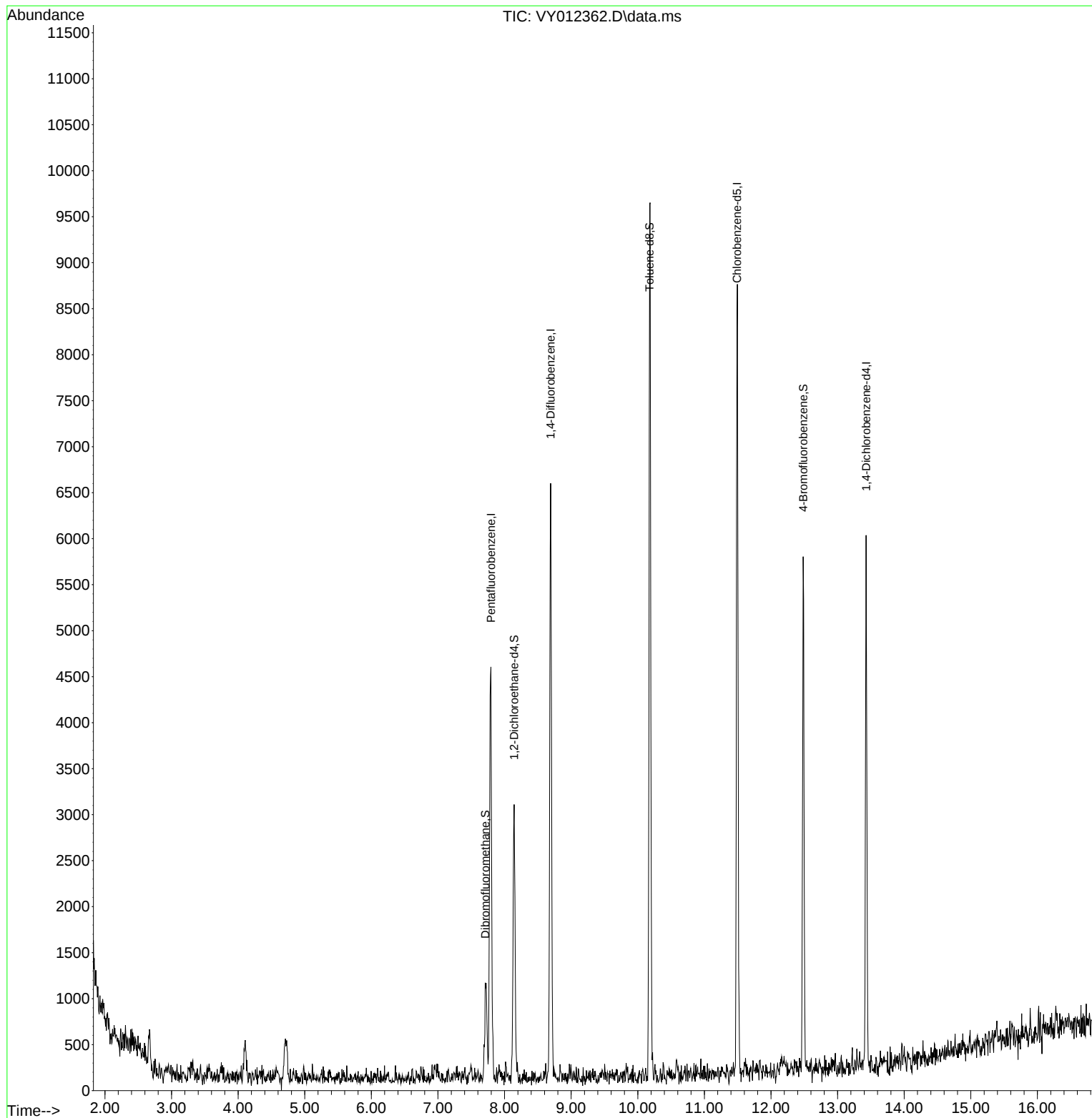
Internal Standards						
1) Pentafluorobenzene	7.795	168	3893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5820	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2896	93.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 186.280%#	
35) Dibromofluoromethane	7.710	113	974	29.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 59.460%	
50) Toluene-d8	10.179	98	7187	64.569	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.140%	
62) 4-Bromofluorobenzene	12.483	95	1970	42.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.300%	

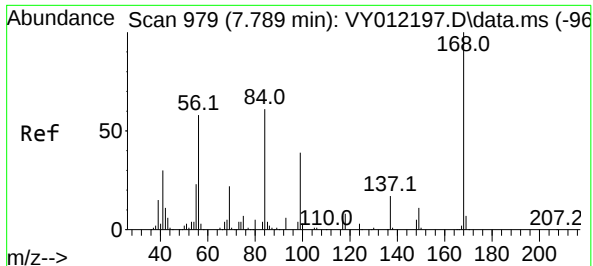
Target Compounds	Qvalue

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

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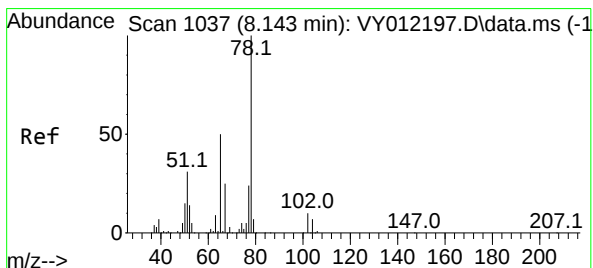
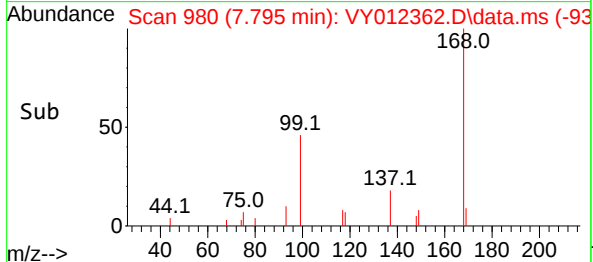
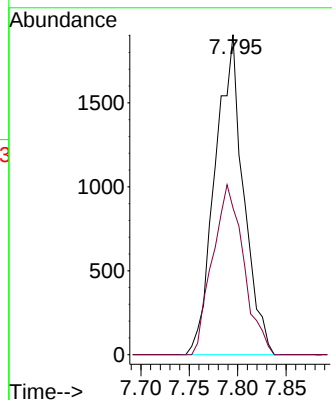
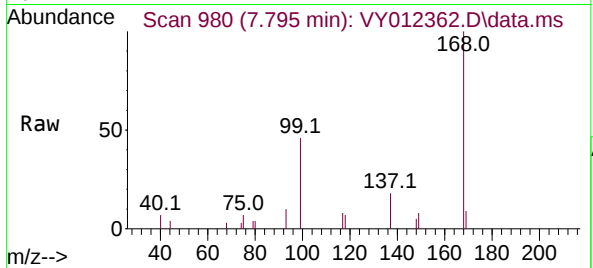
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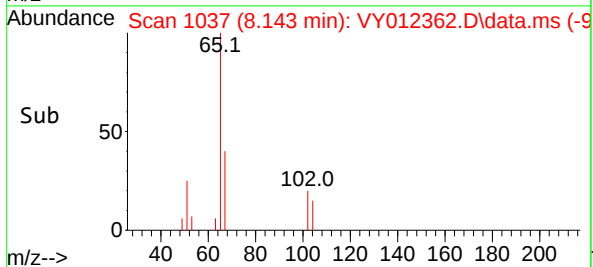
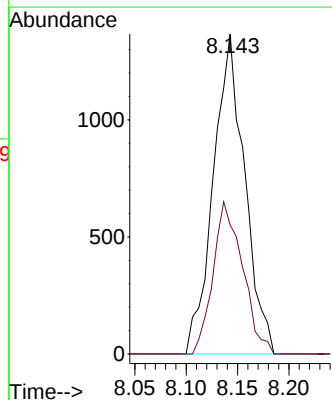
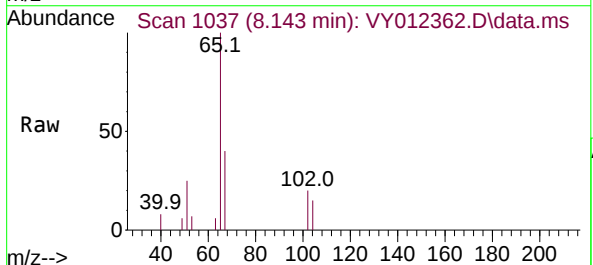
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

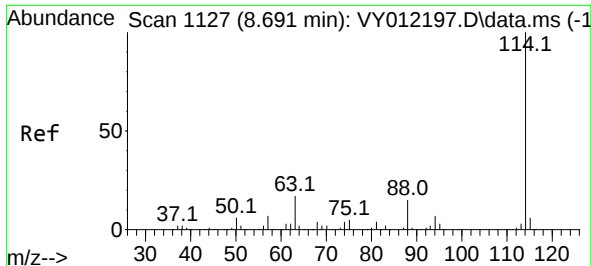
Tgt Ion:168 Resp: 3893
Ion Ratio Lower Upper
168 100
99 45.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 93.139 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

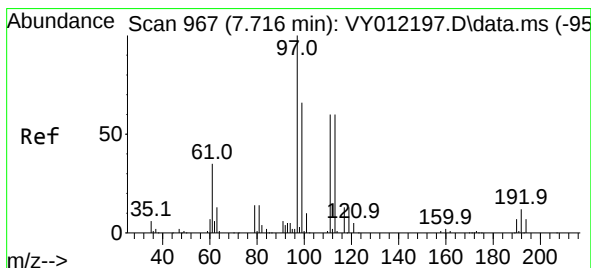
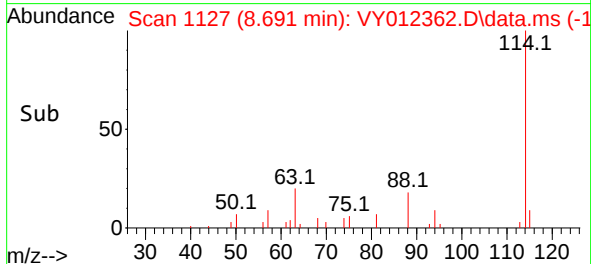
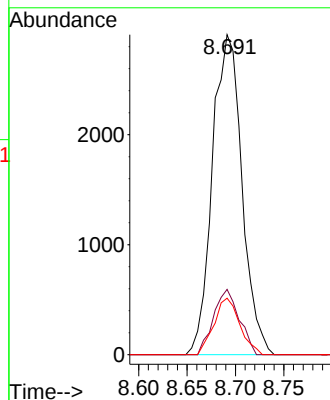
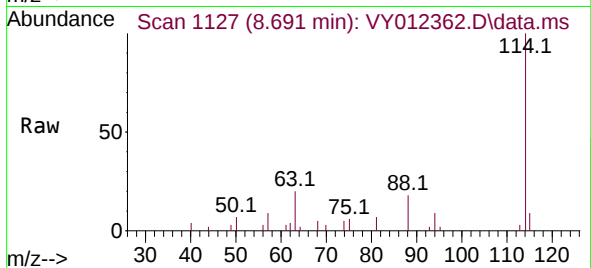
Tgt Ion: 65 Resp: 2896
Ion Ratio Lower Upper
65 100
67 44.9 0.0 103.2





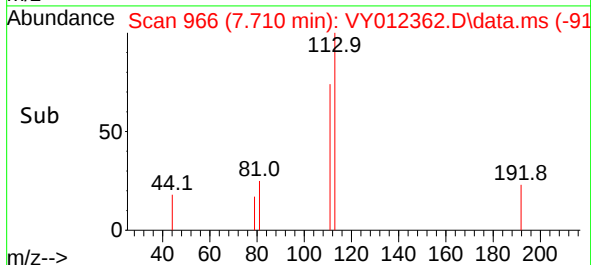
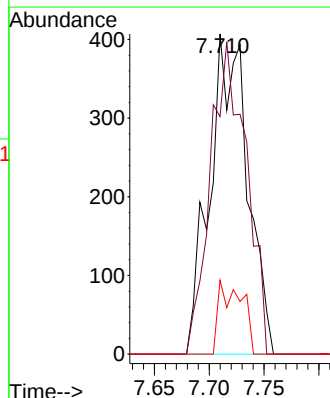
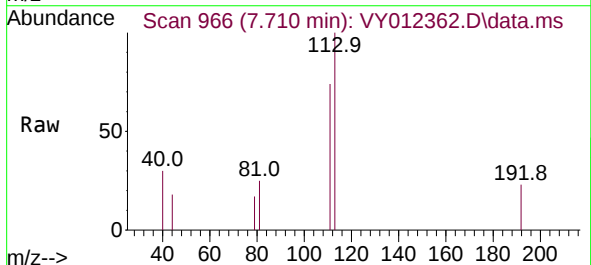
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

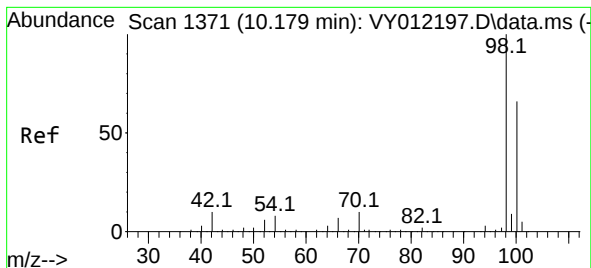
Tgt Ion:114 Resp: 6188
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.6
88 17.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 29.726 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

Tgt Ion:113 Resp: 974
Ion Ratio Lower Upper
113 100
111 92.7 83.0 124.4
192 14.2 16.0 24.0#





#50

Toluene-d8

Concen: 64.569 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012362.D

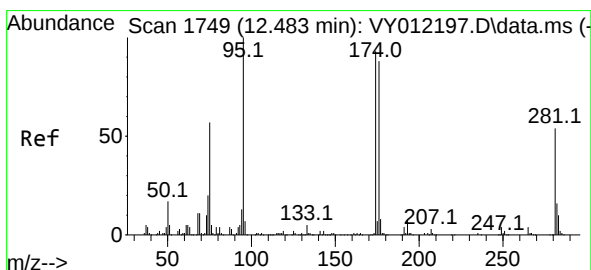
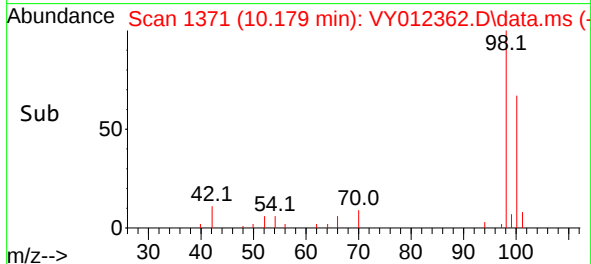
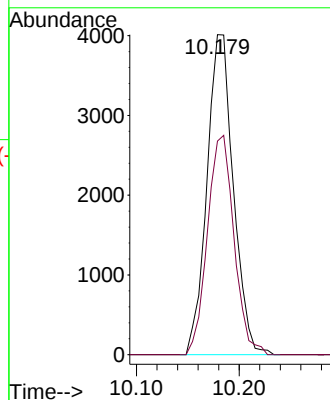
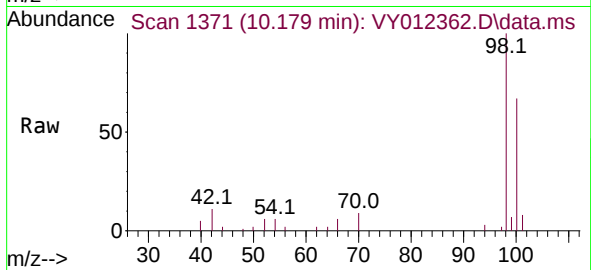
Acq: 25 Jan 2023 17:28

Tgt Ion: 98 Resp: 7187

Ion Ratio Lower Upper

98 100

100 68.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 42.651 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012362.D

Acq: 25 Jan 2023 17:28

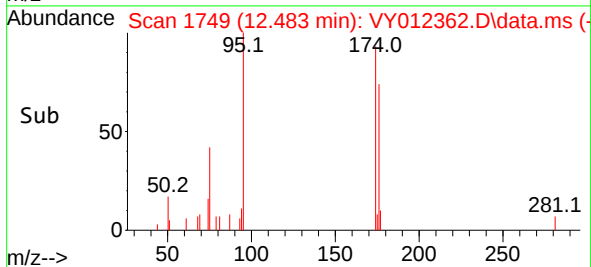
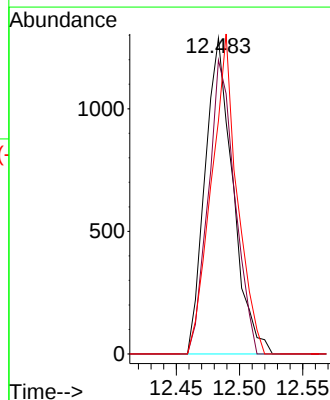
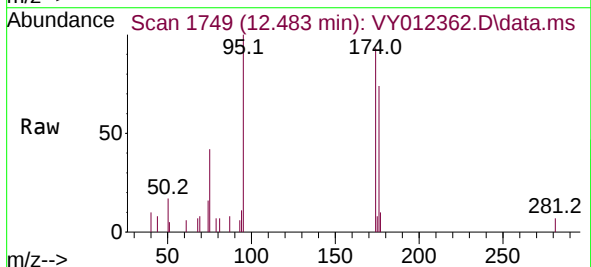
Tgt Ion: 95 Resp: 1970

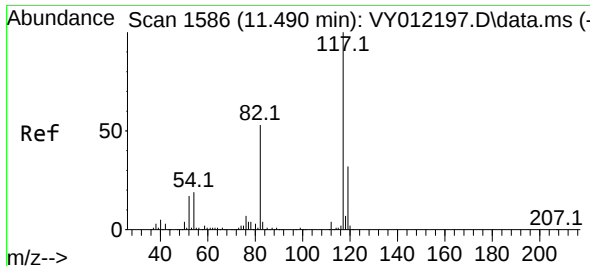
Ion Ratio Lower Upper

95 100

174 88.9 0.0 172.0

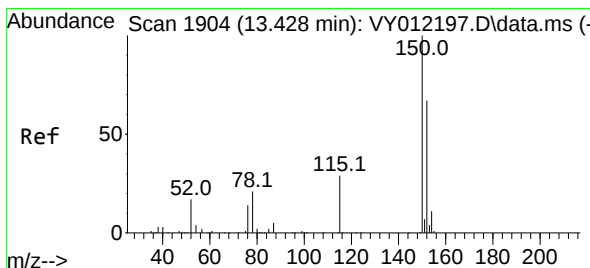
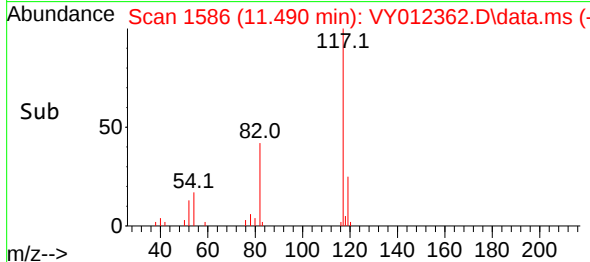
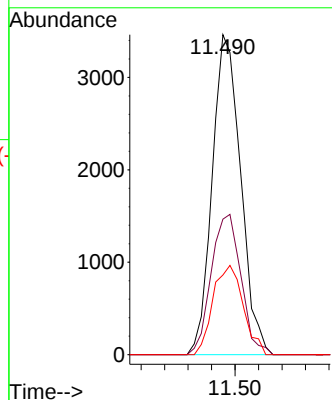
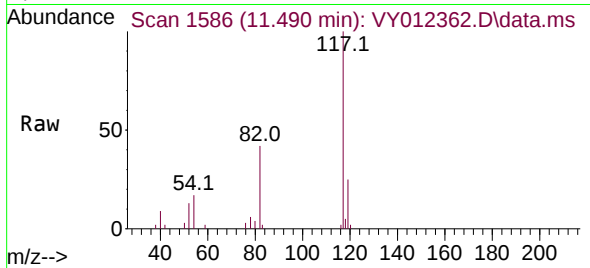
176 93.9 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

Tgt Ion:117	Resp:	5820
Ion	Ratio	Lower Upper
117	100	
82	42.4	44.8 67.2#
119	24.9	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: VY012362.D
Acq: 25 Jan 2023 17:28

Tgt Ion:152	Resp:	1584
Ion	Ratio	Lower Upper
152	100	
115	60.9	29.1 87.3
150	170.9	0.0 342.6

