

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012523\
 Data File : VY012363.D
 Acq On : 25 Jan 2023 17:52
 Operator : KP/MD
 Sample : 01254-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 26 04:10:28 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)

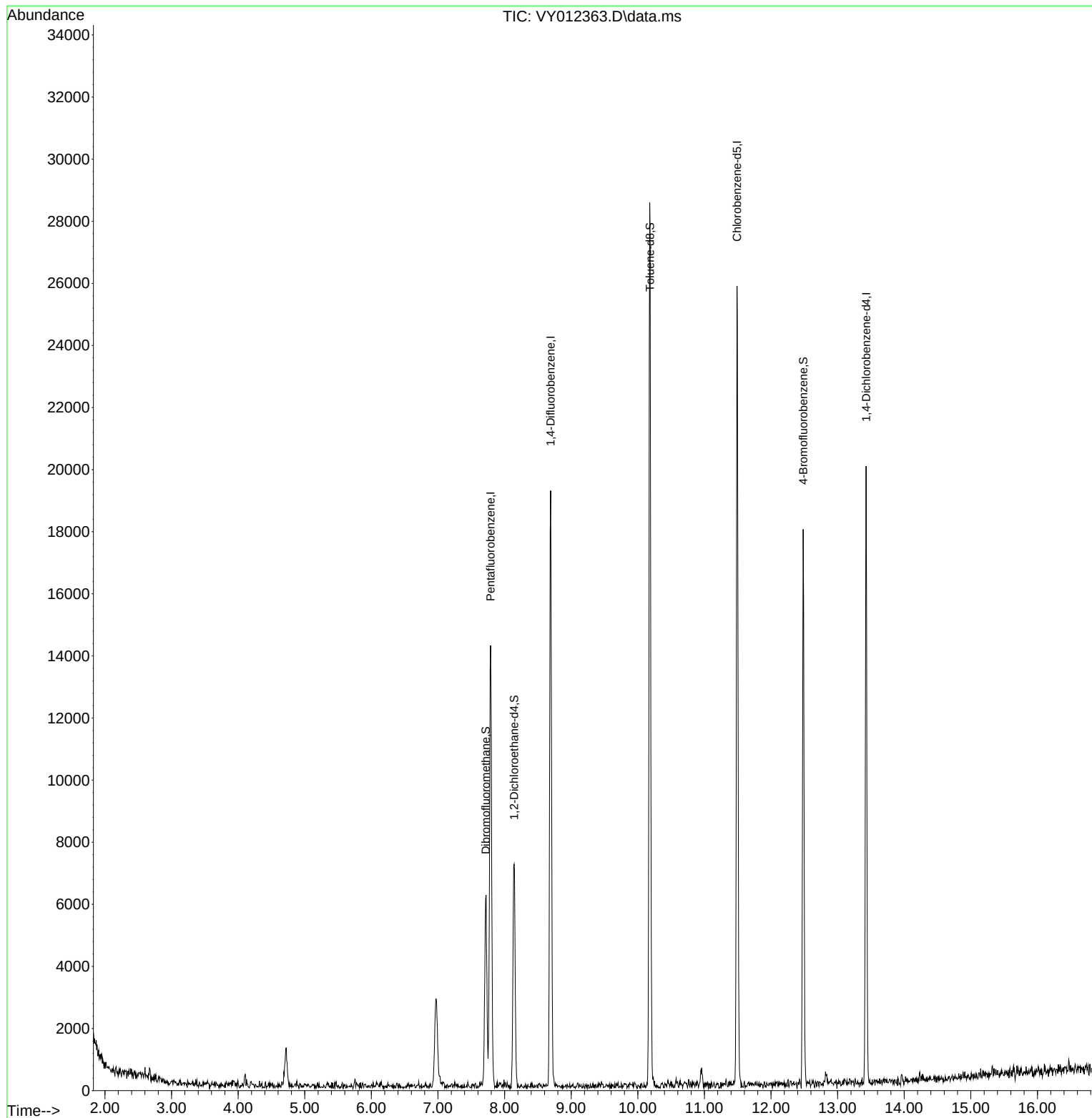
Internal Standards						
1) Pentafluorobenzene	7.789	168	11830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	15657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6591	68.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.380%
35) Dibromofluoromethane	7.716	113	4195	43.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.220%
50) Toluene-d8	10.185	98	20582	62.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	125.740%
62) 4-Bromofluorobenzene	12.483	95	5385	39.713	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.420%

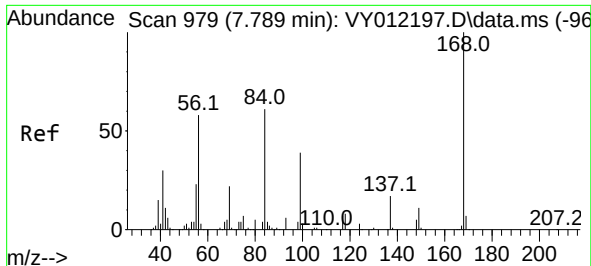
Target Compounds	Qvalue

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

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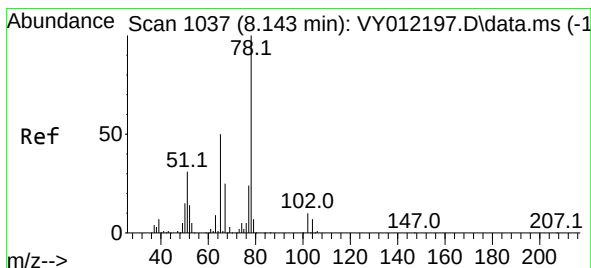
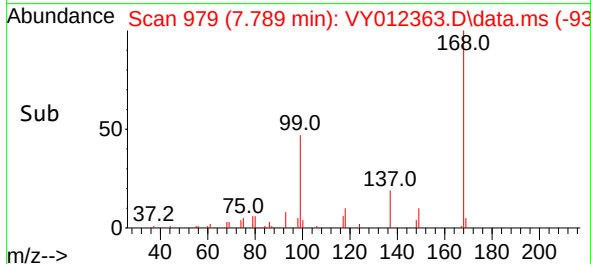
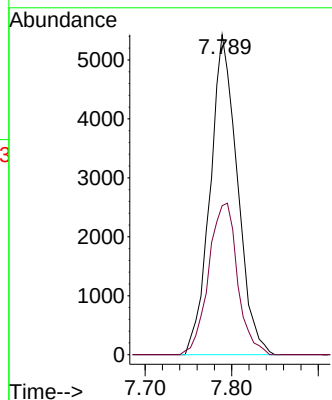
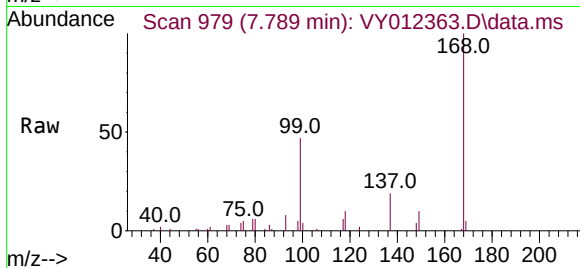
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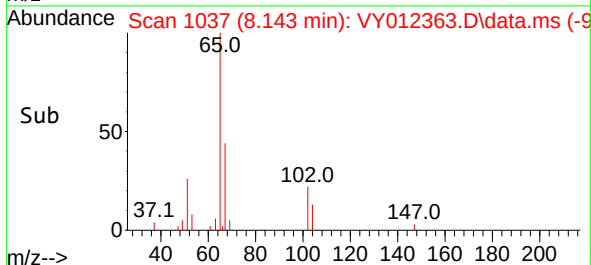
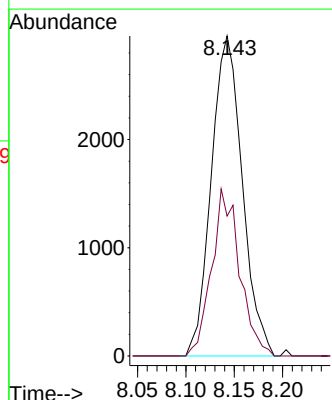
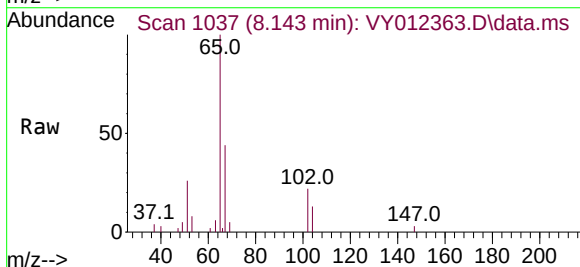
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY012363.D
Acq: 25 Jan 2023 17:52

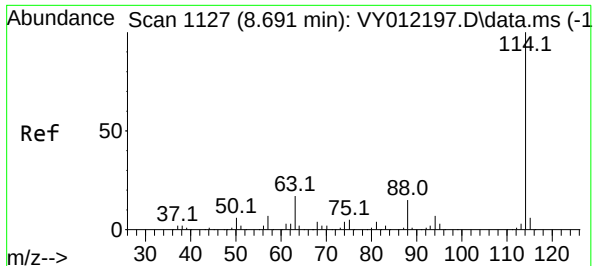
Tgt Ion:168 Resp: 11830
Ion Ratio Lower Upper
168 100
99 46.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 68.685 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012363.D
Acq: 25 Jan 2023 17:52

Tgt Ion: 65 Resp: 6591
Ion Ratio Lower Upper
65 100
67 47.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

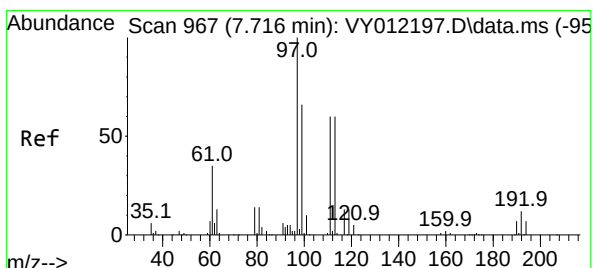
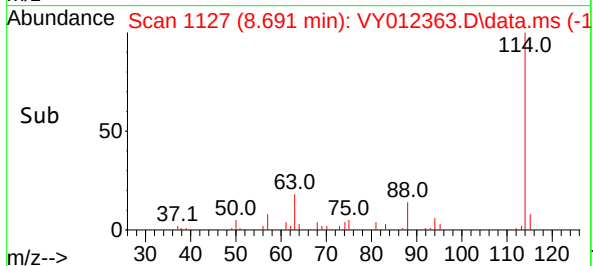
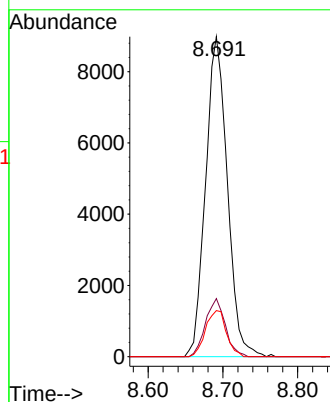
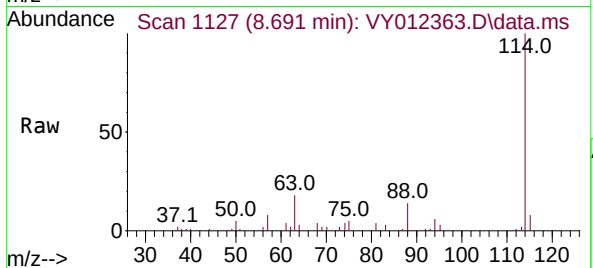
RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012363.D

Acq: 25 Jan 2023 17:52

Tgt Ion:	114	Resp:	18166
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.6
88	14.4	0.0	32.2



#35

Dibromofluoromethane

Concen: 43.612 ug/l

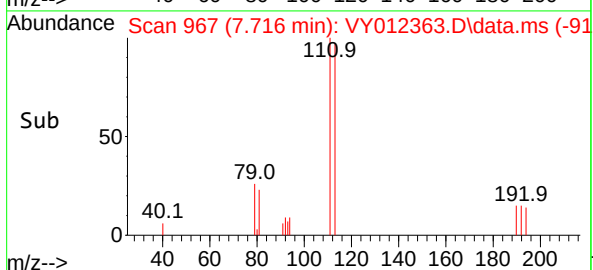
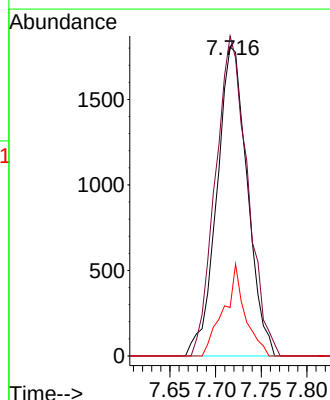
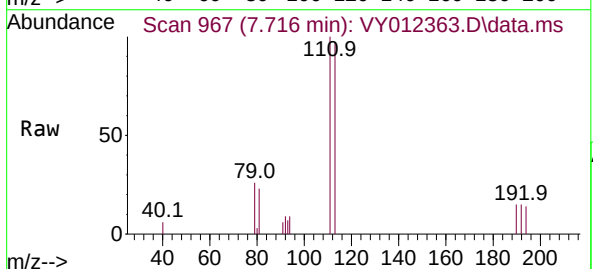
RT: 7.716 min Scan# 967

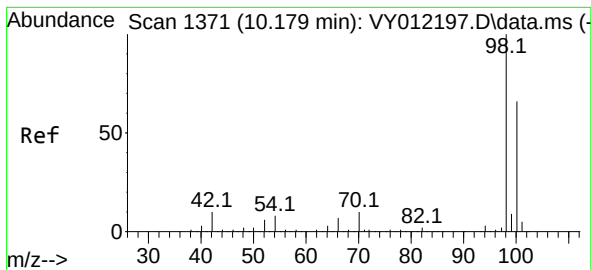
Delta R.T. -0.000 min

Lab File: VY012363.D

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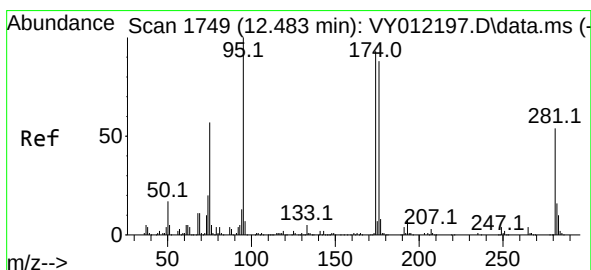
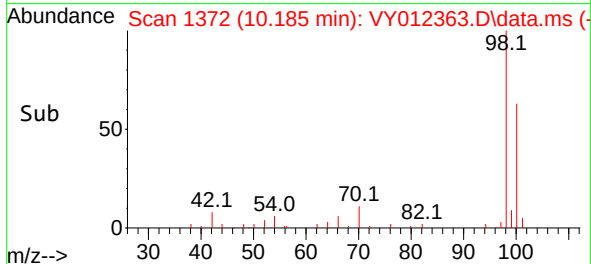
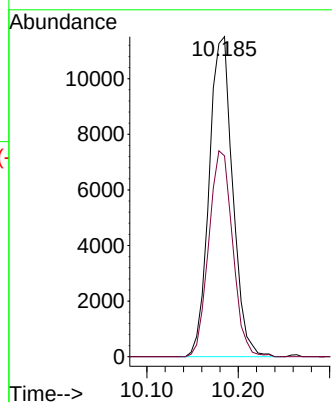
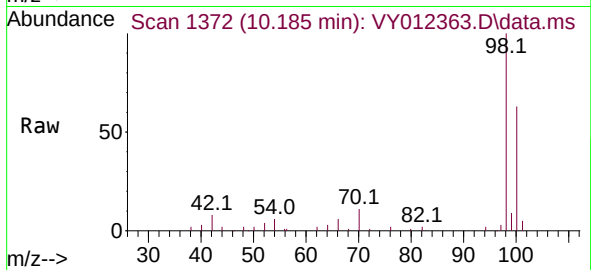
Tgt Ion:	113	Resp:	4195
Ion	Ratio	Lower	Upper
113	100		
111	108.7	83.0	124.4
192	20.7	16.0	24.0





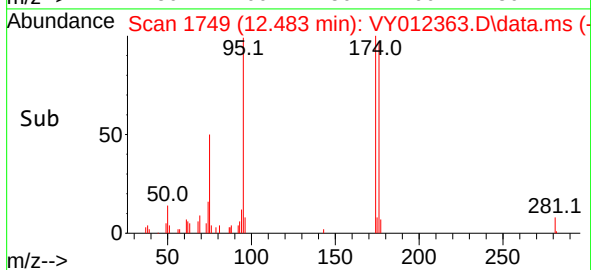
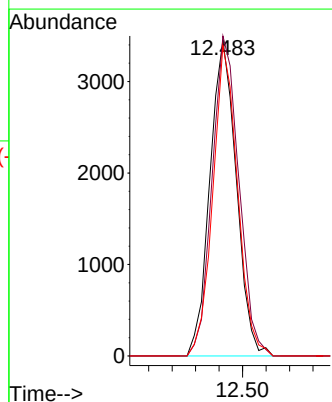
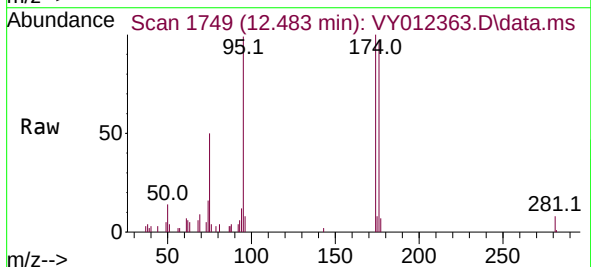
#50
Toluene-d8
Concen: 62.872 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012363.D
Acq: 25 Jan 2023 17:52

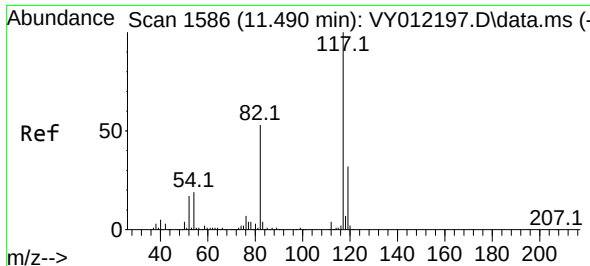
Tgt Ion: 98 Resp: 20582
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.713 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012363.D
Acq: 25 Jan 2023 17:52

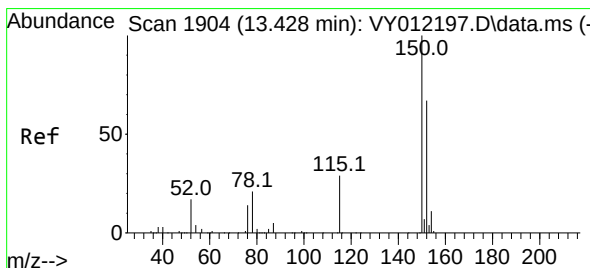
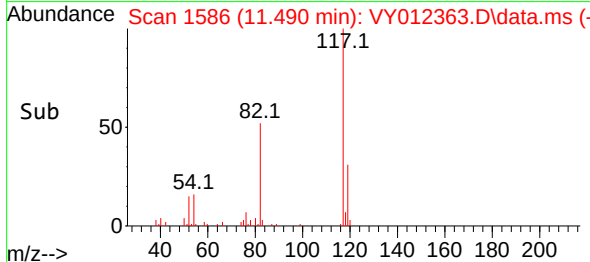
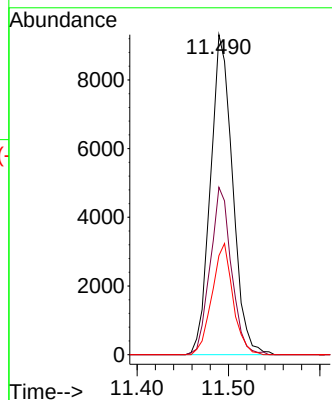
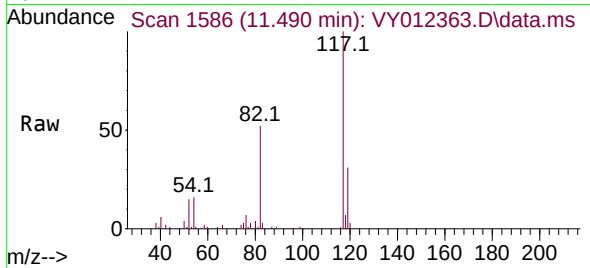
Tgt Ion: 95 Resp: 5385
Ion Ratio Lower Upper
95 100
174 102.7 0.0 172.0
176 92.1 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012363.D
Acq: 25 Jan 2023 17:52

Tgt Ion:117	Resp:	15657
Ion Ratio	Lower	Upper
117	100	
82	52.3	44.8 67.2
119	30.9	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: VY012363.D
Acq: 25 Jan 2023 17:52

Tgt Ion:152	Resp:	5852
Ion Ratio	Lower	Upper
152	100	
115	51.8	29.1 87.3
150	155.8	0.0 342.6

