

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022718.D
 Acq On : 17 Jun 2025 12:51
 Operator : SY/MD
 Sample : Q2336-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 18 04:40:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

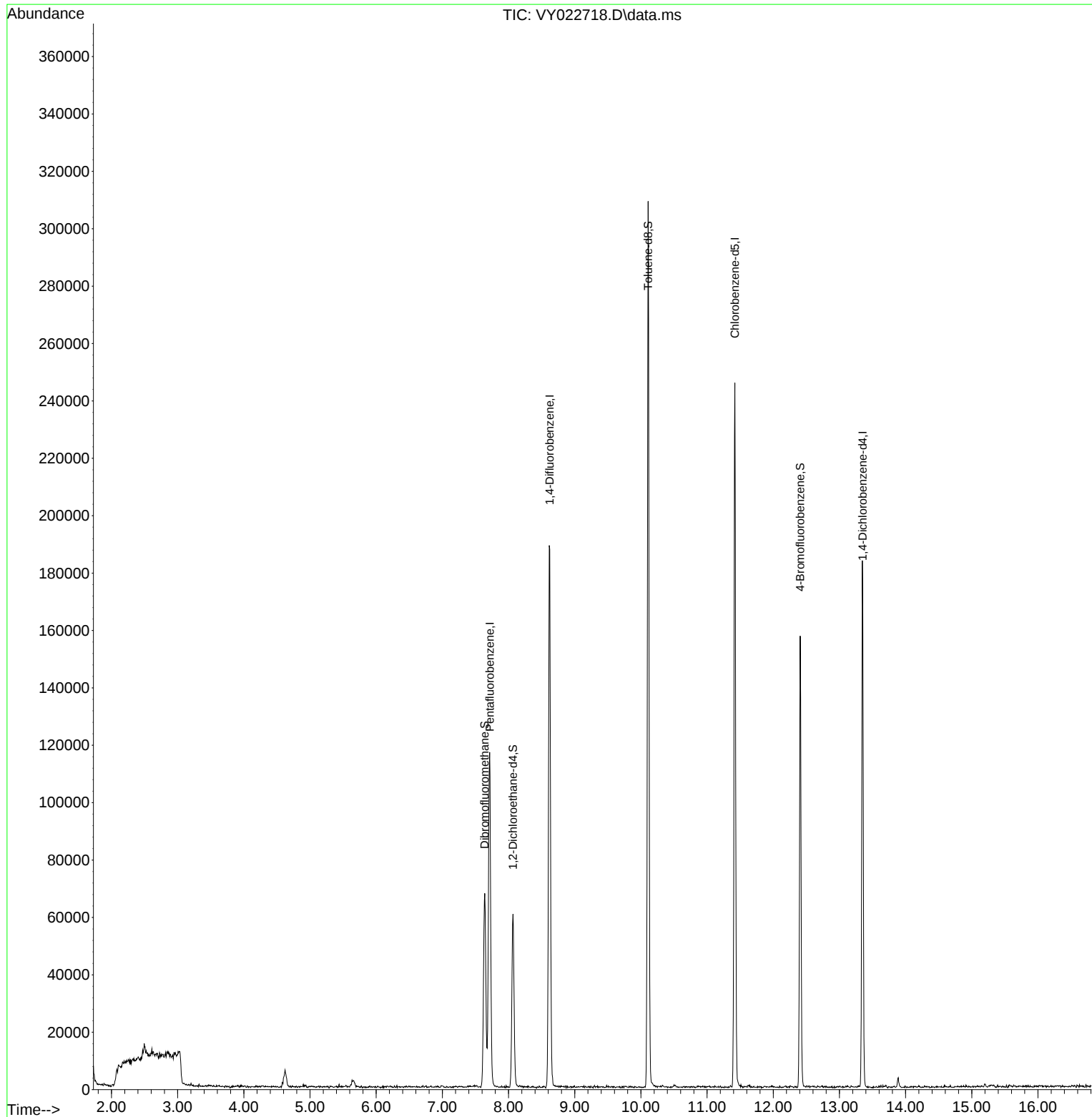
Internal Standards						
1) Pentafluorobenzene	7.719	168	86887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	159780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	121104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	40400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	46589	47.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.640	113	47880	50.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.400%
50) Toluene-d8	10.109	98	189635	49.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.408	95	44007	38.328	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.660%

Target Compounds	Qvalue

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

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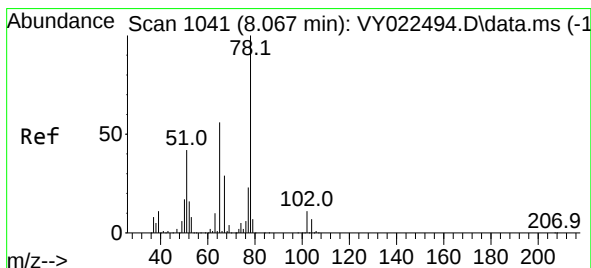
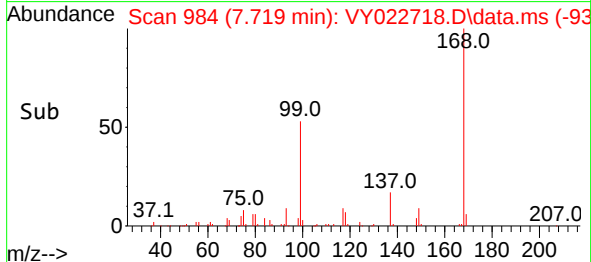
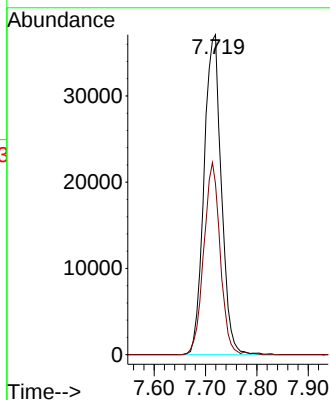
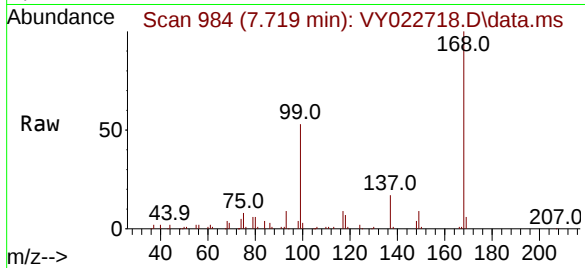
Quant Time: Jun 18 04:40:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
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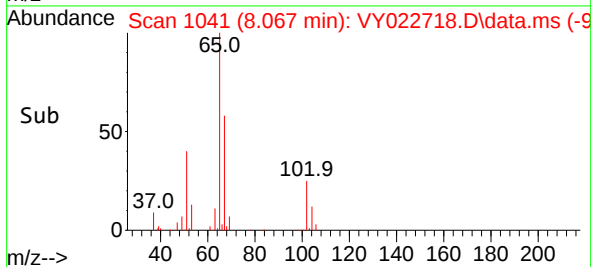
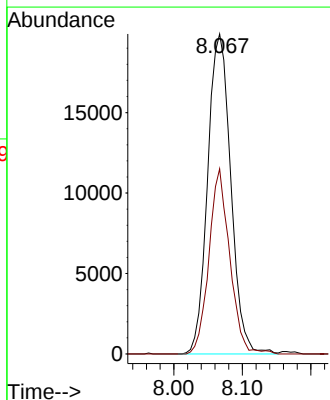
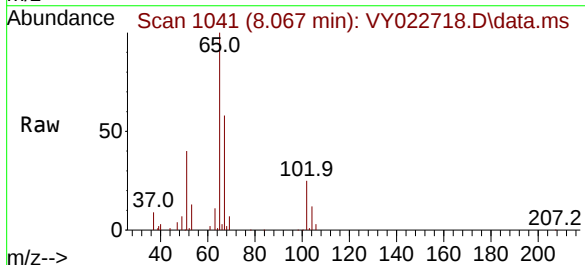
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

Tgt Ion:168 Resp: 86887
Ion Ratio Lower Upper
168 100
99 53.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 47.942 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

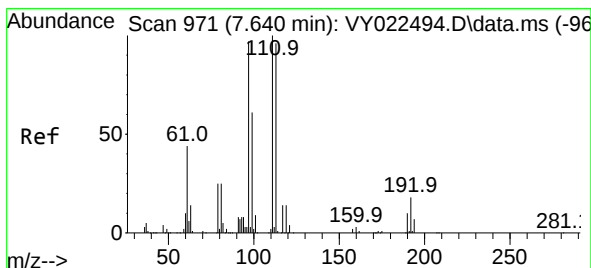
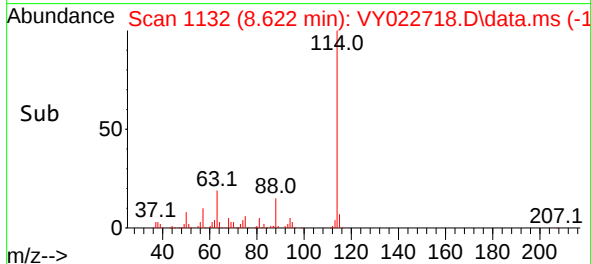
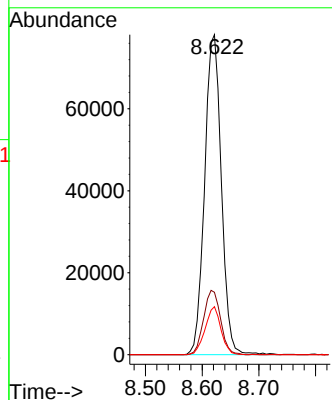
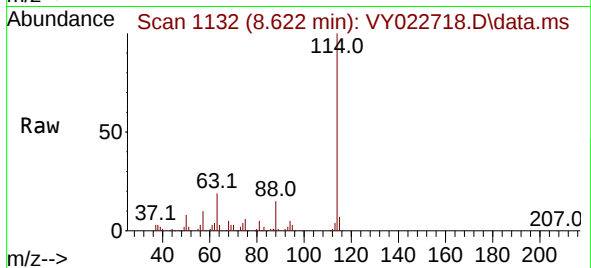
Tgt Ion: 65 Resp: 46589
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4





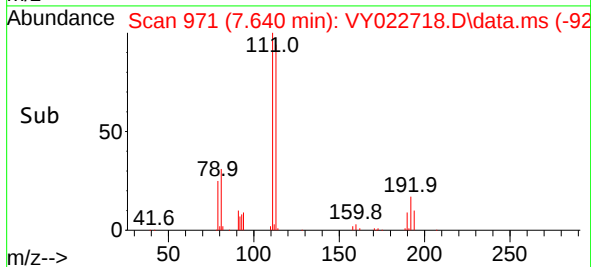
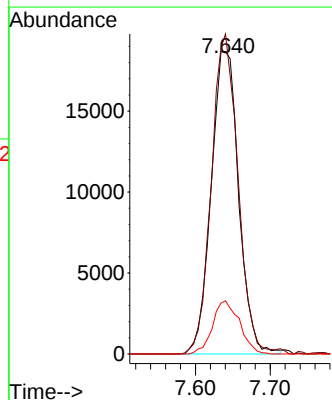
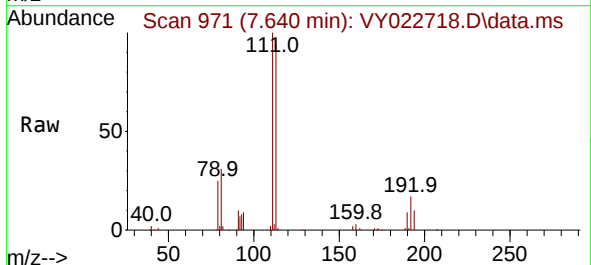
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

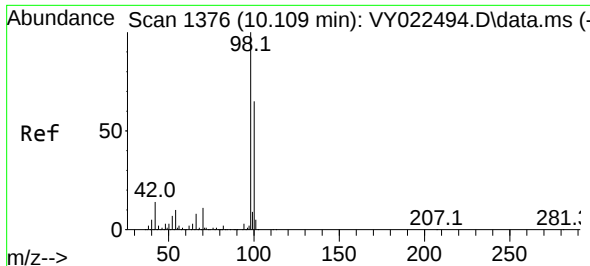
Tgt Ion:114 Resp: 159780
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.0 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.205 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

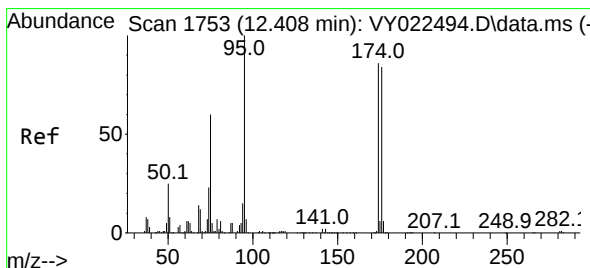
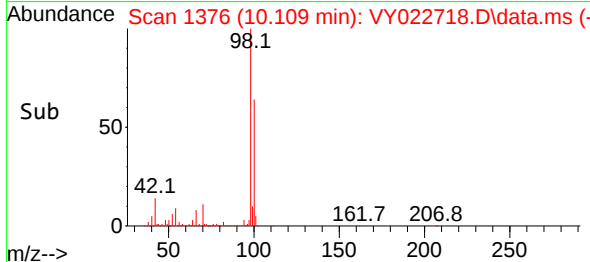
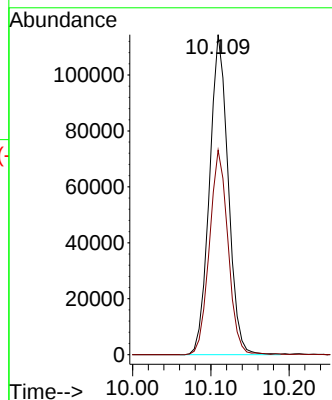
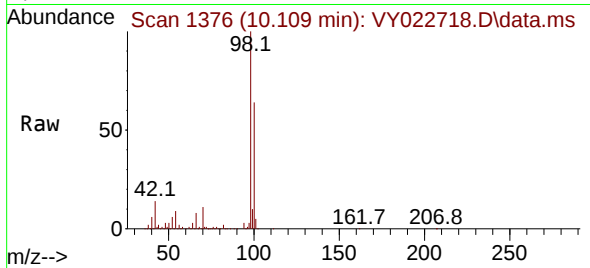
Tgt Ion:113 Resp: 47880
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 17.2 14.2 21.2





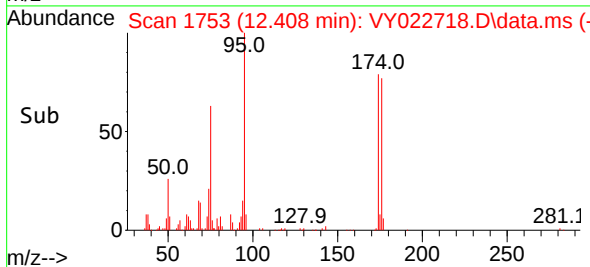
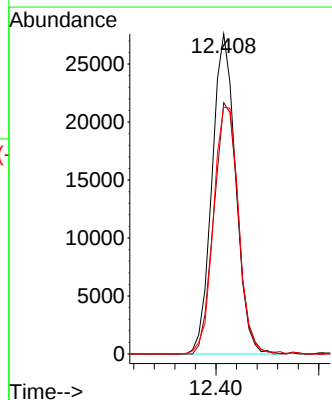
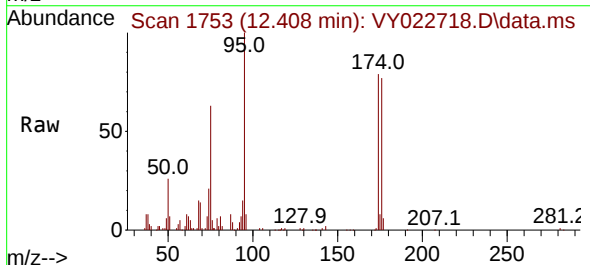
#50
Toluene-d8
Concen: 49.211 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

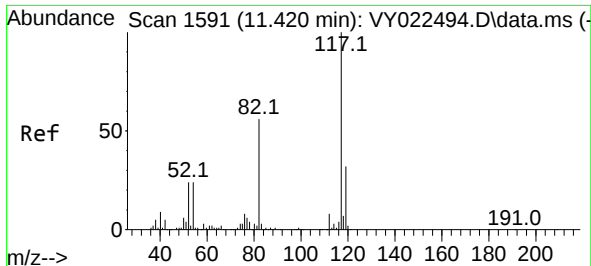
Tgt Ion: 98 Resp: 189635
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 38.328 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

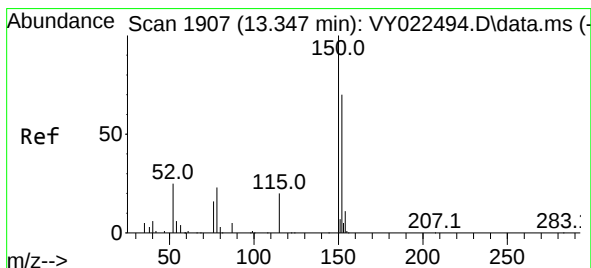
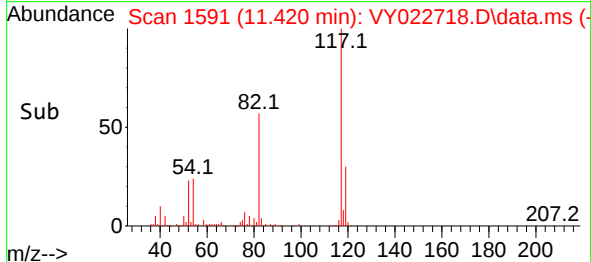
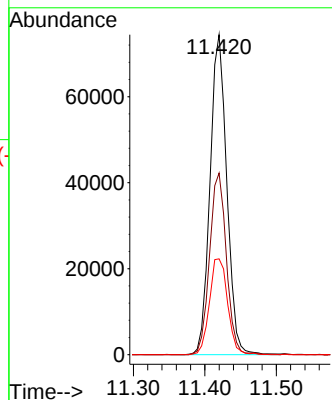
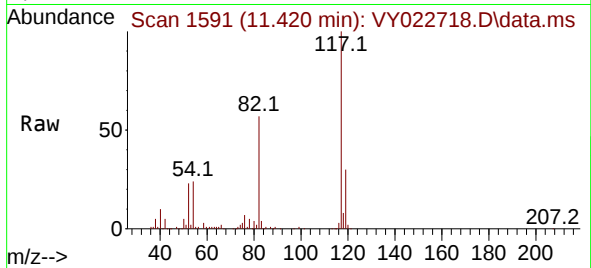
Tgt Ion: 95 Resp: 44007
Ion Ratio Lower Upper
95 100
174 81.1 0.0 170.0
176 82.3 0.0 166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.6	66.8
119	29.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.7
150	160.7	0.0	349.6

