

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022724.D
 Acq On : 17 Jun 2025 15:11
 Operator : SY/MD
 Sample : Q2341-03
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 18 04:42:25 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	7.707	168	92004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	173059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	144732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	52970	50.000	ug/l	0.00

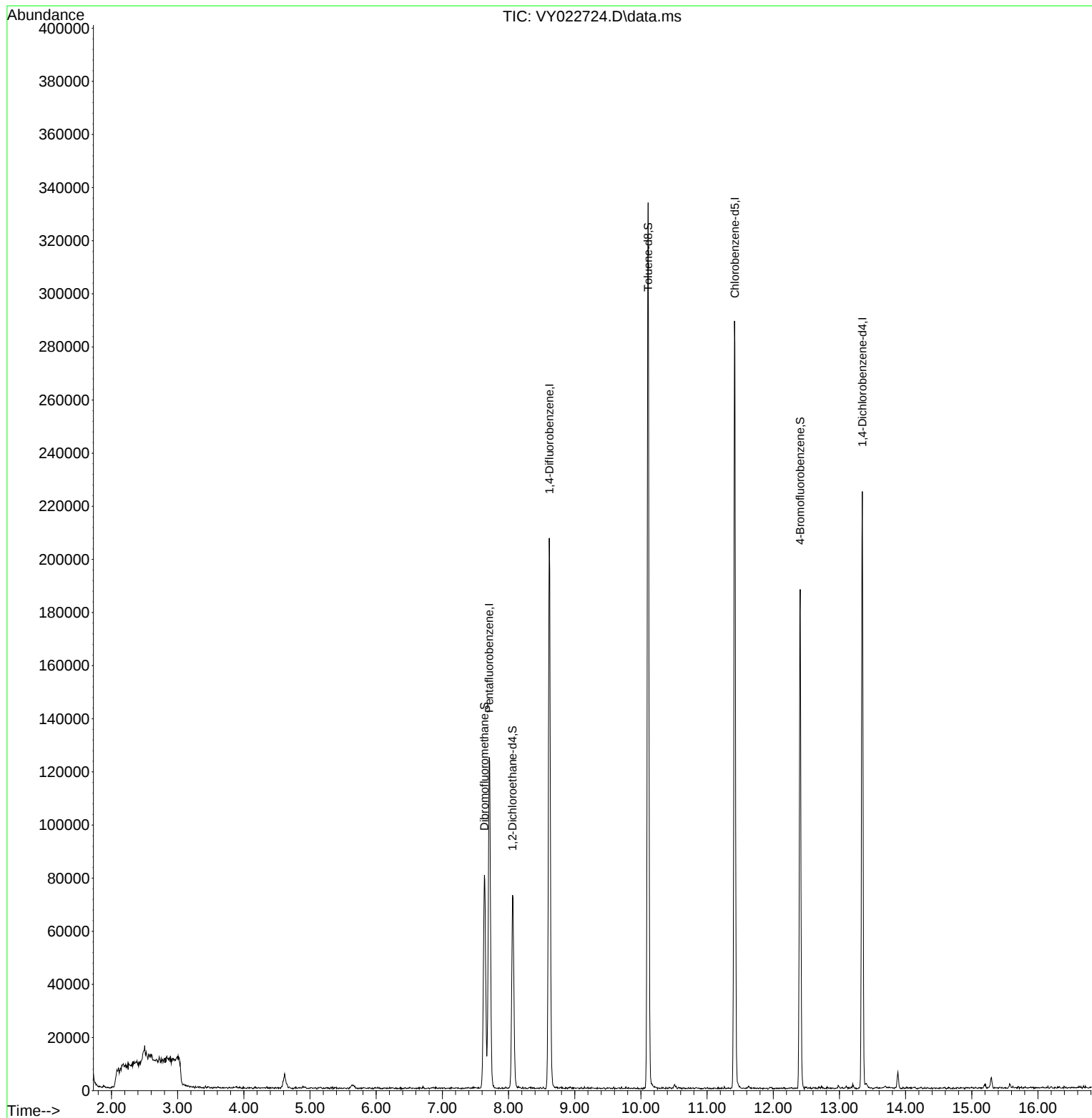
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55603	54.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.080%
35) Dibromofluoromethane	7.634	113	55926	54.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.280%
50) Toluene-d8	10.109	98	211467	50.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.340%
62) 4-Bromofluorobenzene	12.408	95	51642	41.527	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.060%

Target Compounds	Qvalue

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

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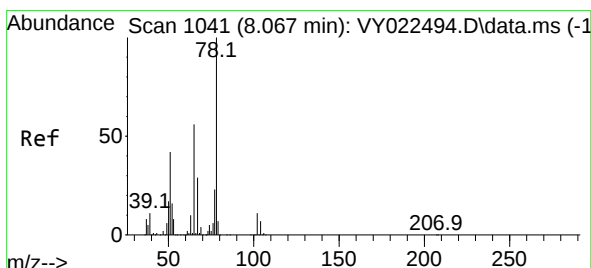
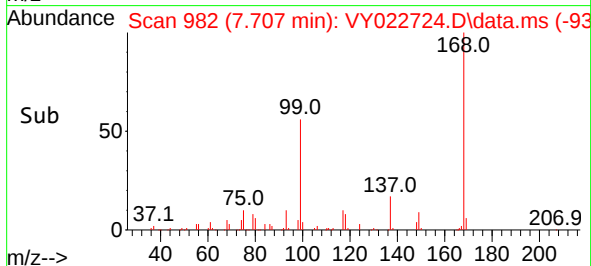
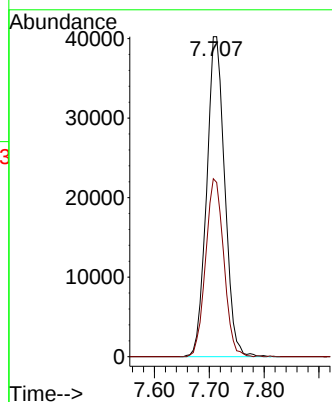
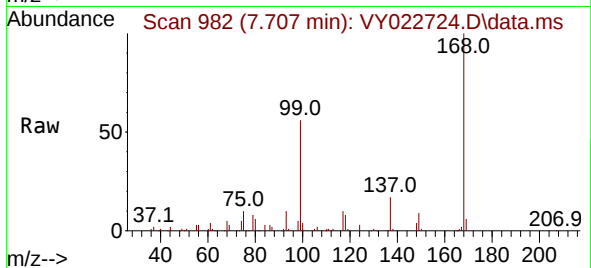
Quant Time: Jun 18 04:42:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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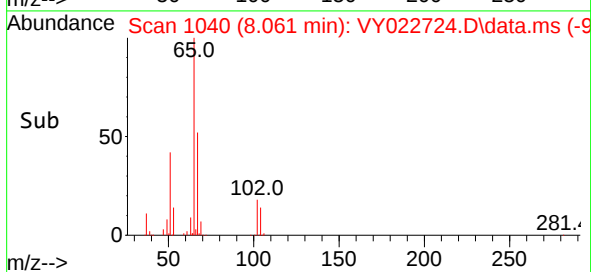
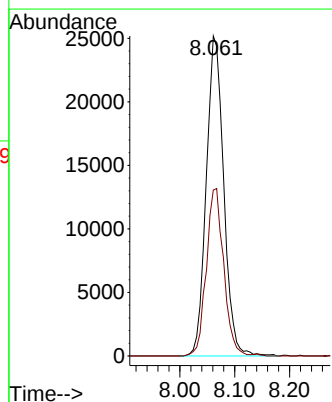
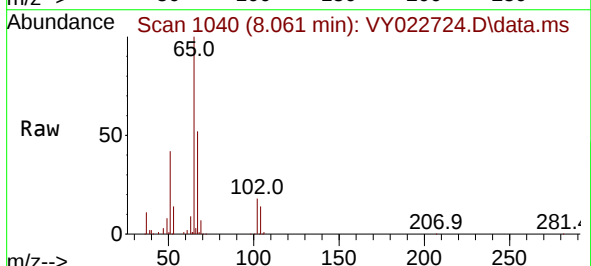
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

Tgt Ion:168 Resp: 92004
Ion Ratio Lower Upper
168 100
99 55.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 54.035 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

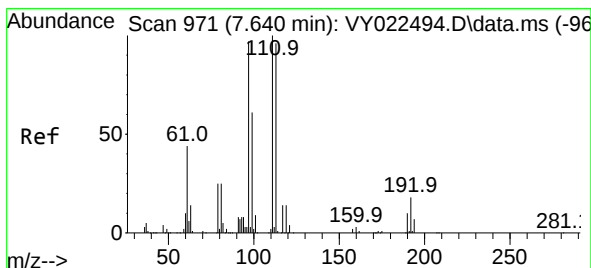
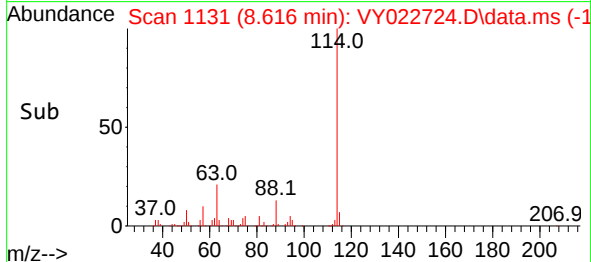
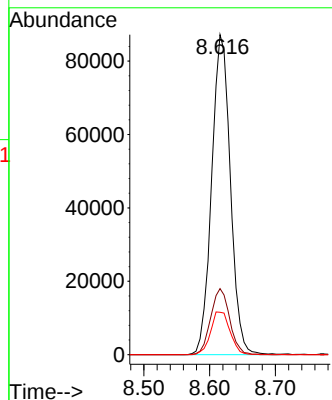
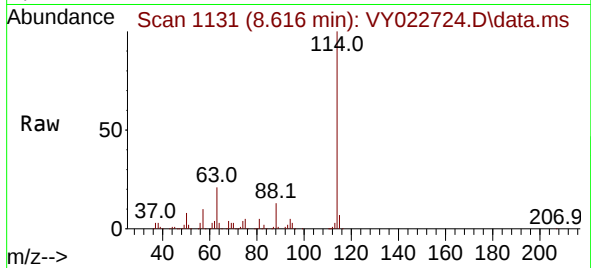
Tgt Ion: 65 Resp: 55603
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4





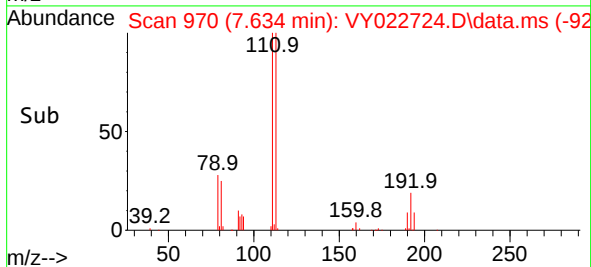
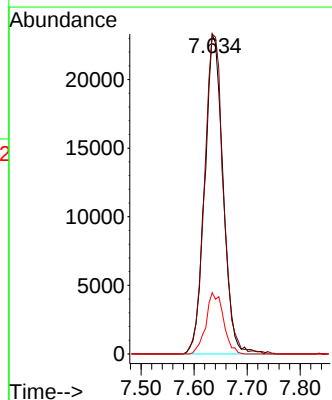
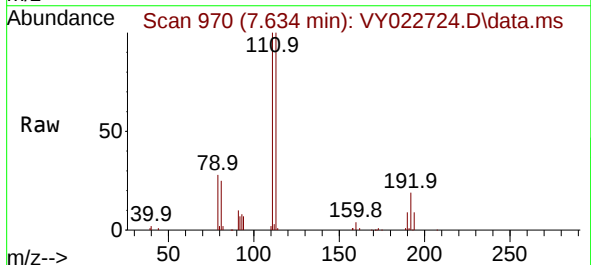
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

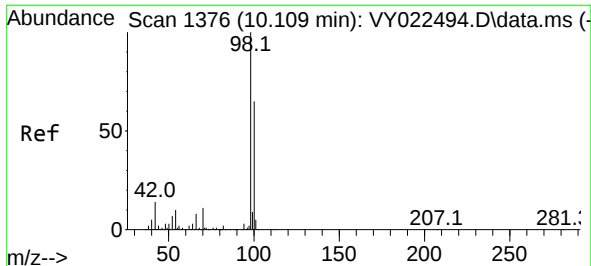
Tgt Ion:114 Resp: 173059
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 13.3 0.0 27.8



#35
Dibromofluoromethane
Concen: 54.142 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

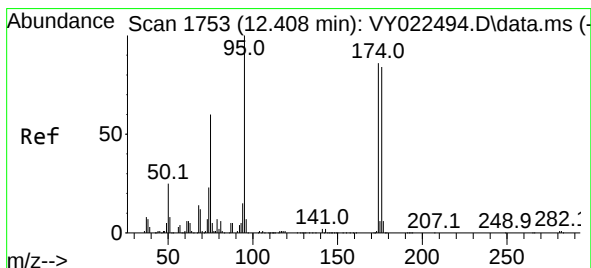
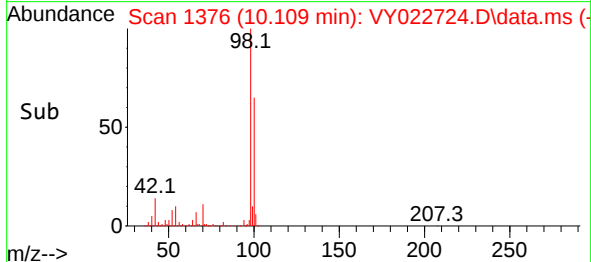
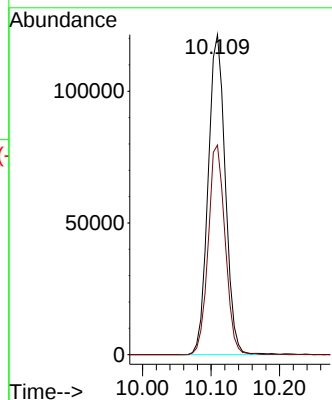
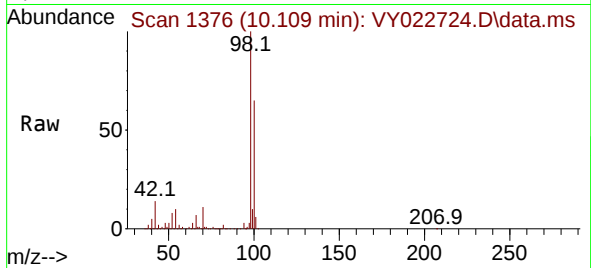
Tgt Ion:113 Resp: 55926
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 18.3 14.2 21.2





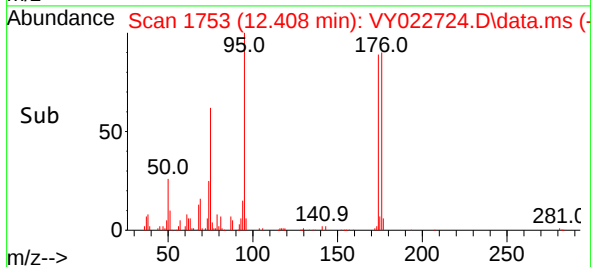
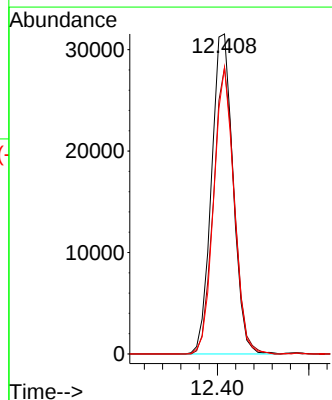
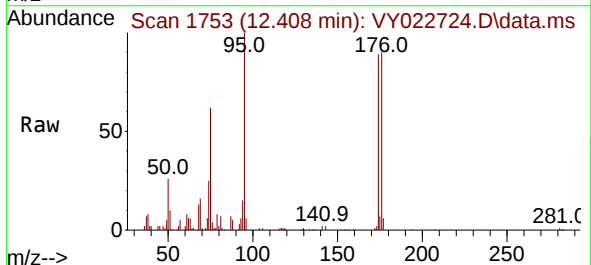
#50
Toluene-d8
Concen: 50.665 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

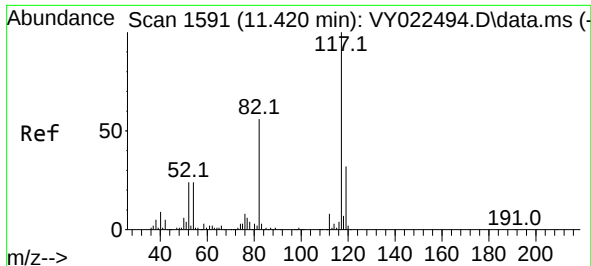
Tgt Ion: 98 Resp: 211467
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.527 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

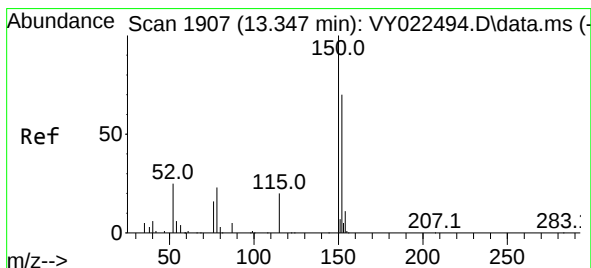
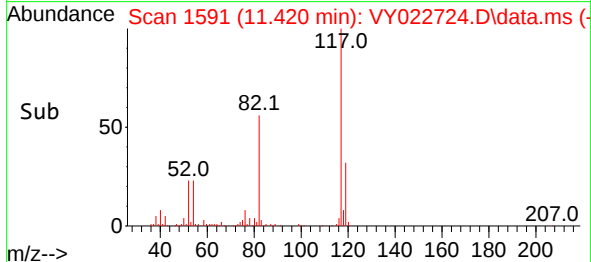
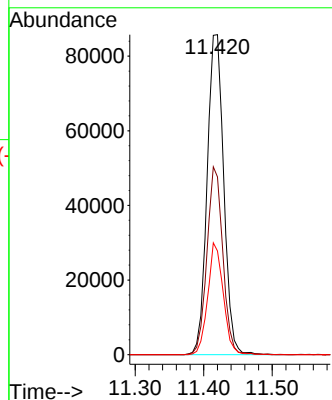
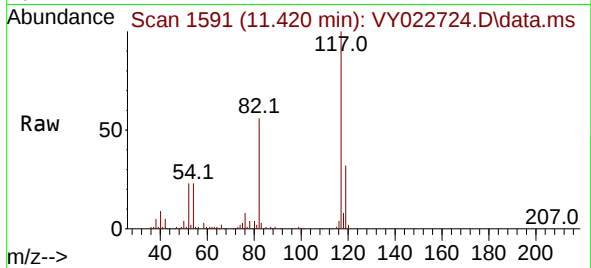
Tgt Ion: 95 Resp: 51642
Ion Ratio Lower Upper
95 100
174 86.7 0.0 170.0
176 84.2 0.0 166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.6	66.8
119	32.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.9	86.7
150	152.7	0.0	349.6

