

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022722.D
 Acq On : 17 Jun 2025 14:24
 Operator : SY/MD
 Sample : Q2337-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 18 04:41:44 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	7.713	168	8288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	12441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	6900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1596	50.000	ug/l	0.00

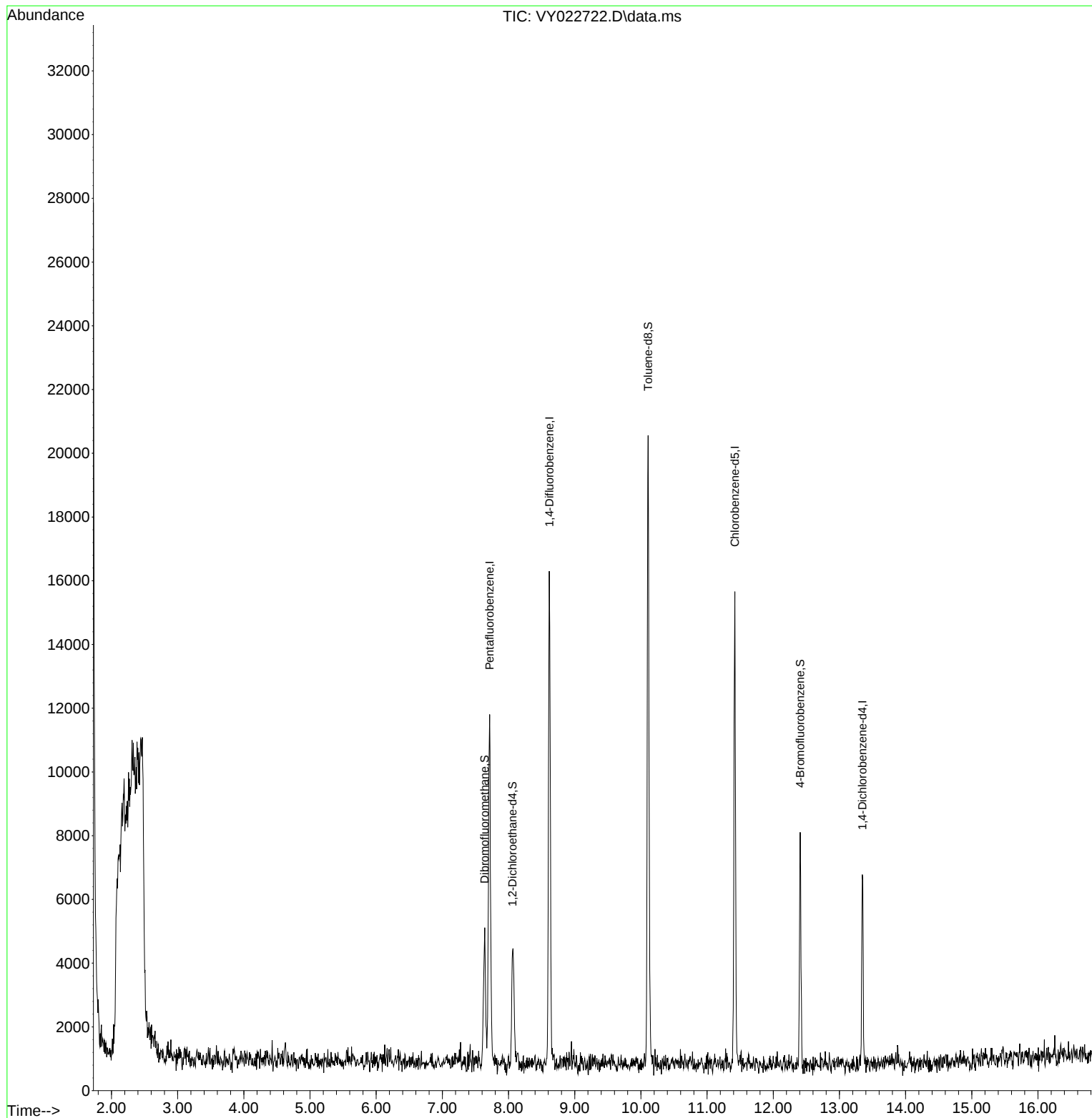
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3277	35.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.700%
35) Dibromofluoromethane	7.640	113	2906	39.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.260%
50) Toluene-d8	10.109	98	13404	44.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.340%
62) 4-Bromofluorobenzene	12.408	95	2043	22.853	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.700%

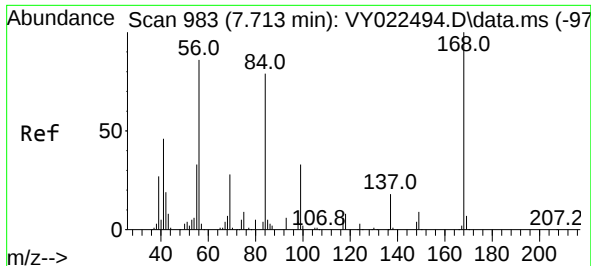
Target Compounds	Qvalue

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

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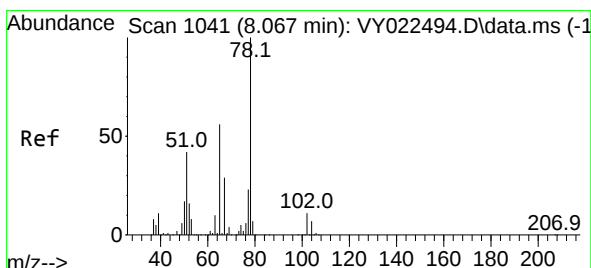
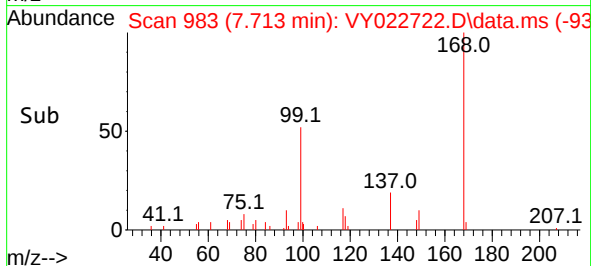
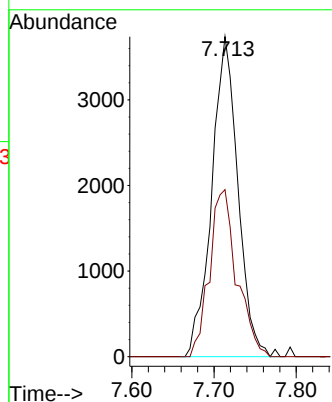
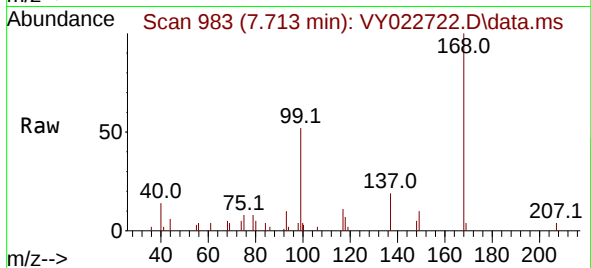
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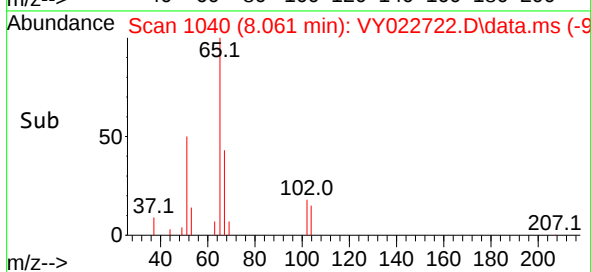
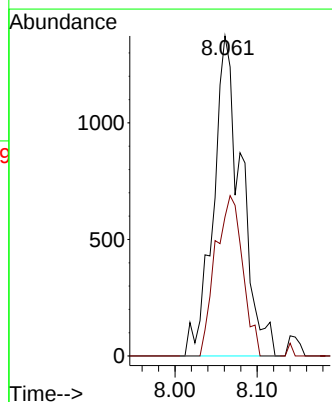
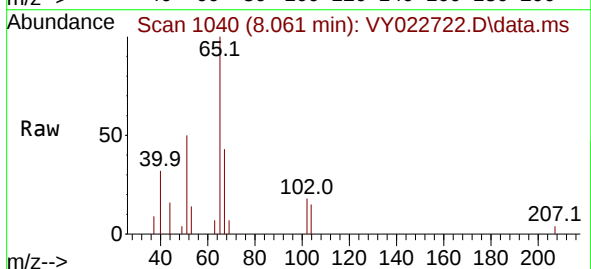
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion:168 Resp: 8288
Ion Ratio Lower Upper
168 100
99 52.2 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 35.352 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

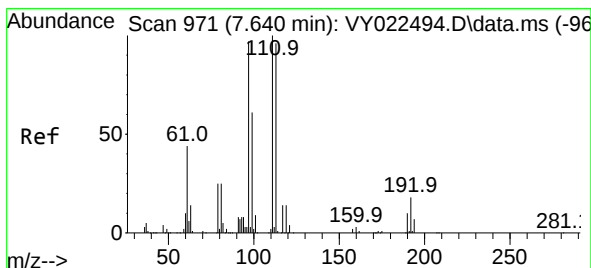
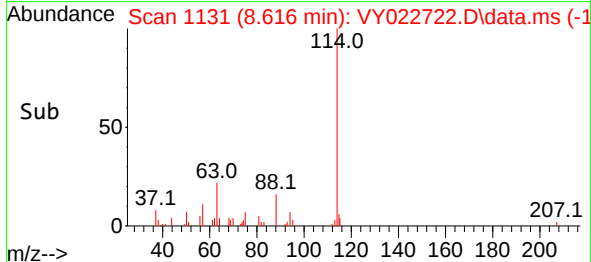
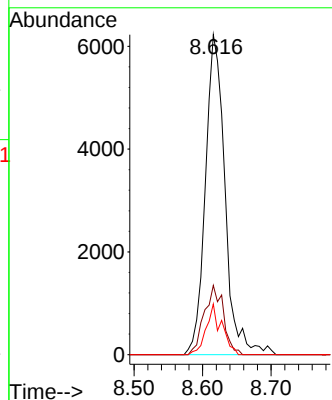
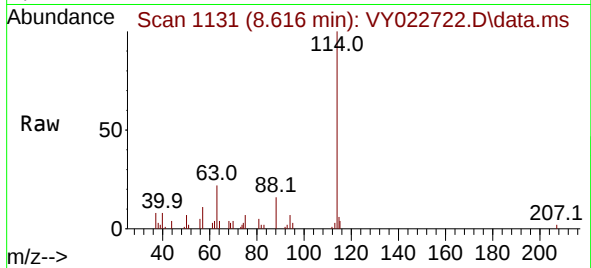
Tgt Ion: 65 Resp: 3277
Ion Ratio Lower Upper
65 100
67 48.2 0.0 103.4





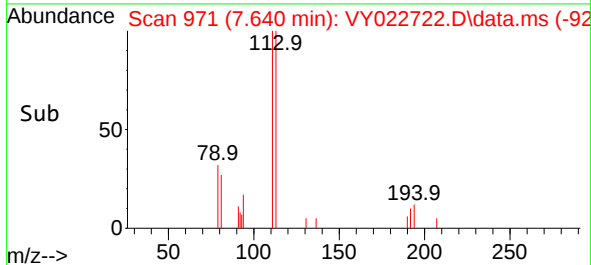
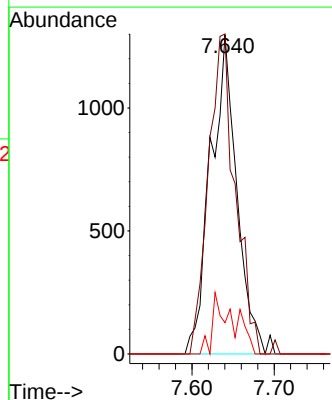
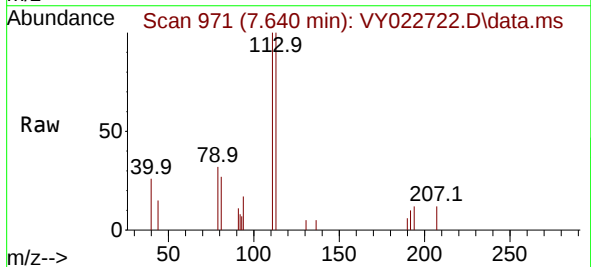
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion:	114	Resp:	12441
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	40.8
88	15.8	0.0	27.8



#35
Dibromofluoromethane
Concen: 39.134 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

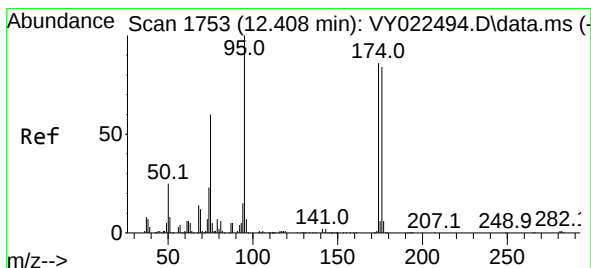
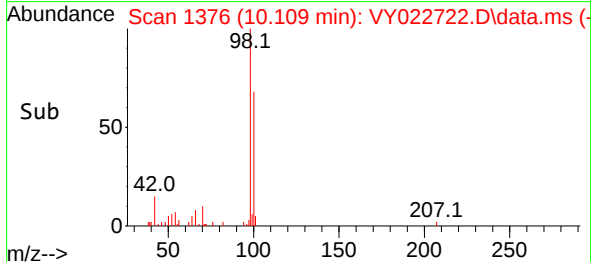
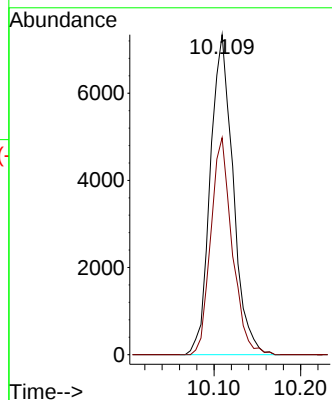
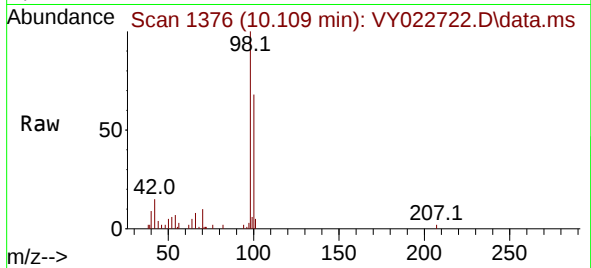
Tgt Ion:	113	Resp:	2906
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.1	121.7
192	10.8	14.2	21.2





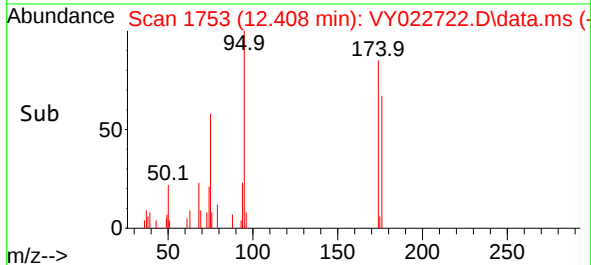
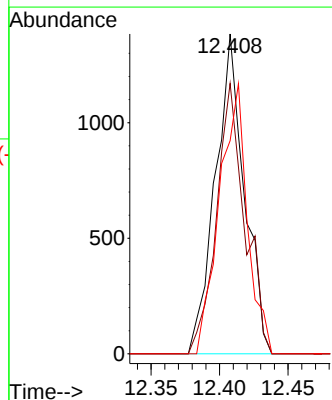
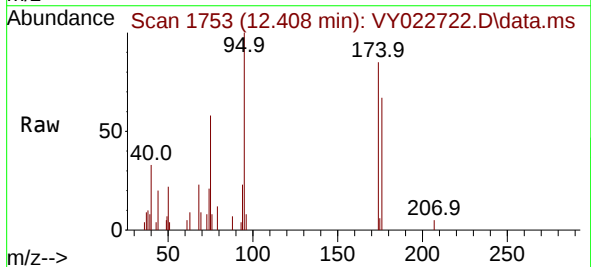
#50
Toluene-d8
Concen: 44.673 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

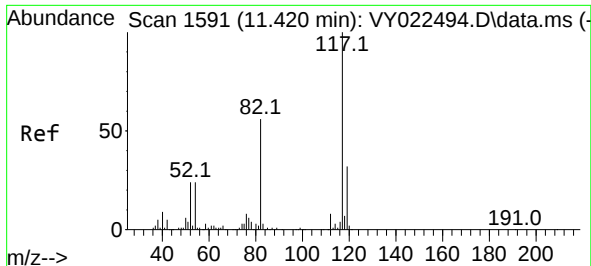
Tgt Ion: 98 Resp: 13404
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 22.853 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

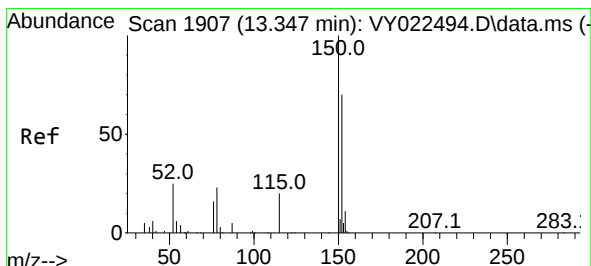
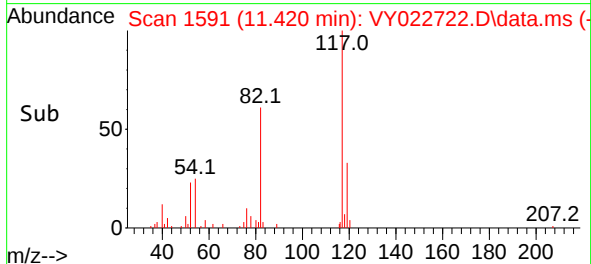
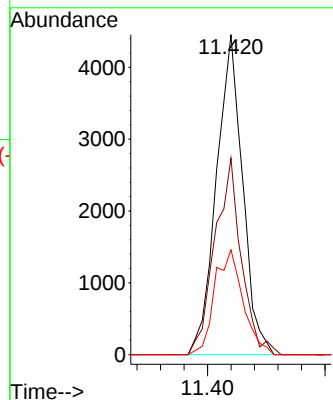
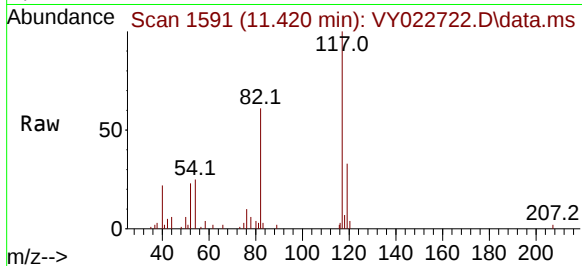
Tgt Ion: 95 Resp: 2043
Ion Ratio Lower Upper
95 100
174 82.7 0.0 170.0
176 81.3 0.0 166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.4	44.6	66.8
119	32.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.9	86.7
150	141.5	0.0	349.6

