

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022716.D
 Acq On : 17 Jun 2025 11:03
 Operator : SY/MD
 Sample : Q2324-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 18 04:39:20 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)

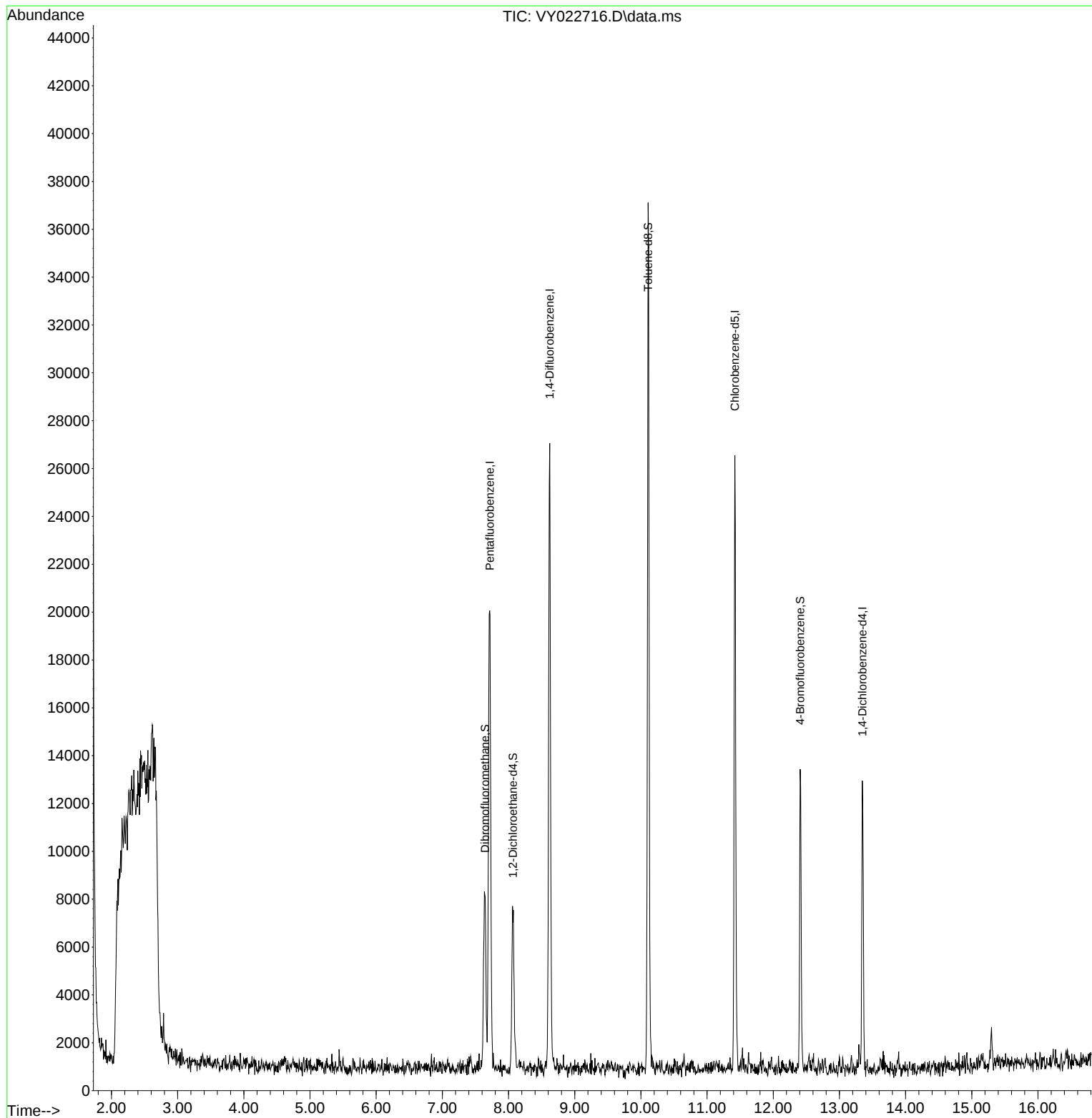
Internal Standards						
1) Pentafluorobenzene	7.719	168	14795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	21459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	12782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	3028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	5165	31.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.420%
35) Dibromofluoromethane	7.646	113	5465	42.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.340%
50) Toluene-d8	10.109	98	22909	44.265	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.520%
62) 4-Bromofluorobenzene	12.408	95	3565	23.119	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.240%

Target Compounds	Qvalue

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

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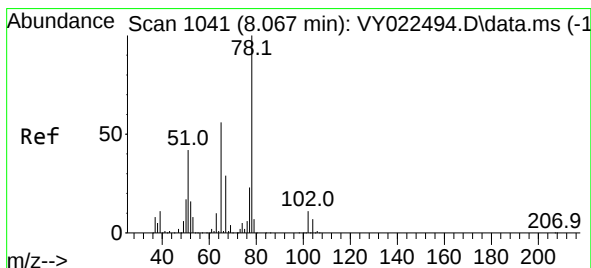
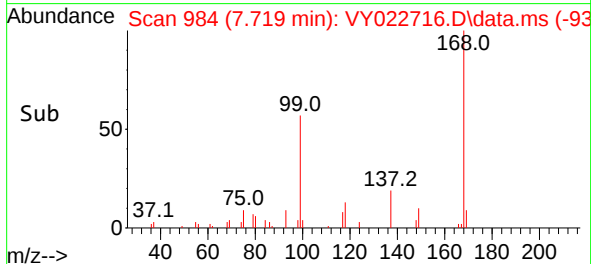
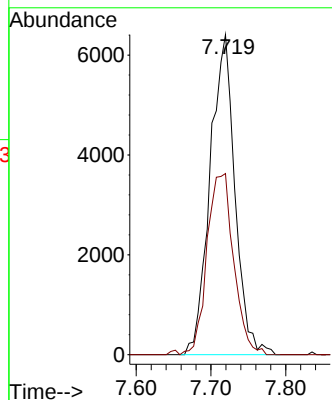
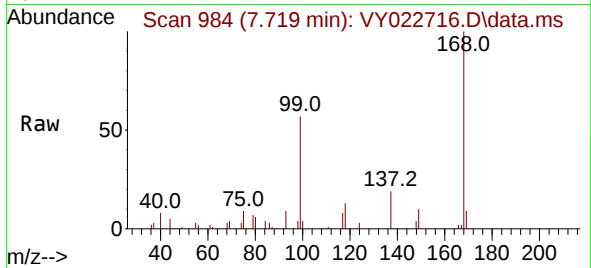
Quant Time: Jun 18 04:39:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
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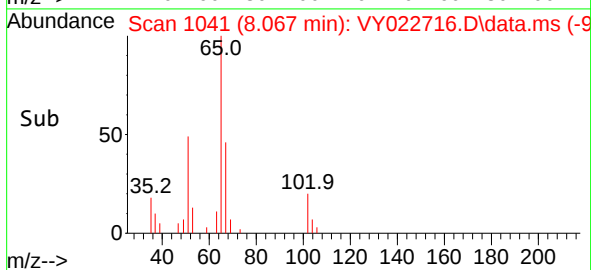
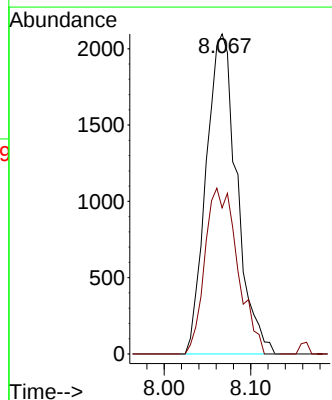
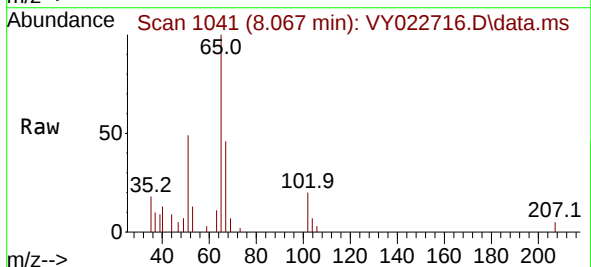
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY022716.D
Acq: 17 Jun 2025 11:03

Tgt Ion:168 Resp: 14795
Ion Ratio Lower Upper
168 100
99 56.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 31.213 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022716.D
Acq: 17 Jun 2025 11:03

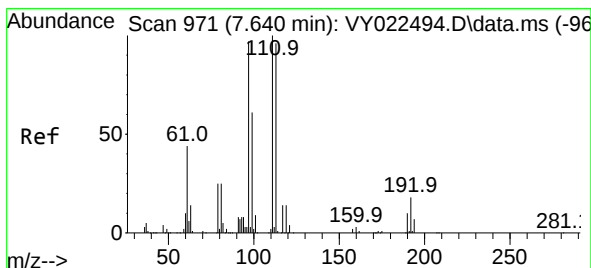
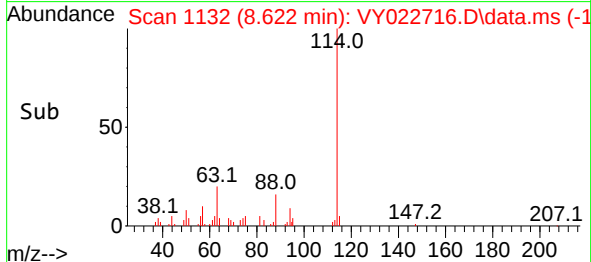
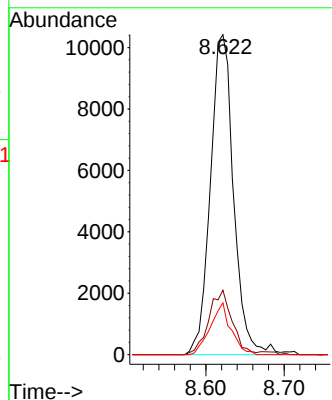
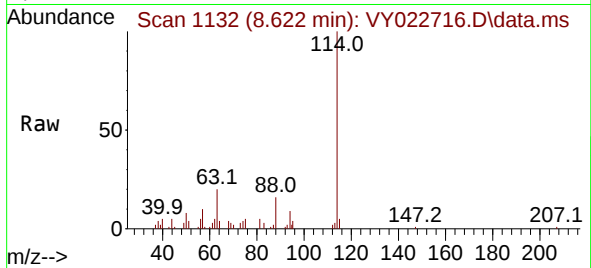
Tgt Ion: 65 Resp: 5165
Ion Ratio Lower Upper
65 100
67 55.2 0.0 103.4





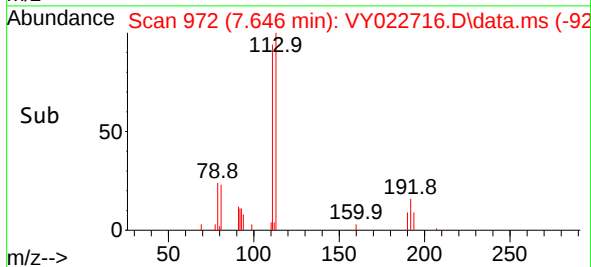
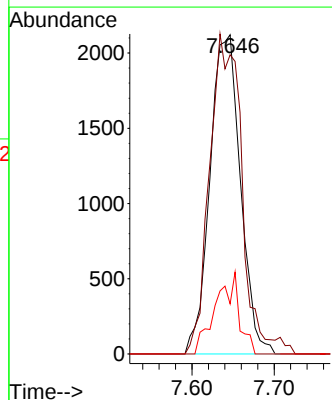
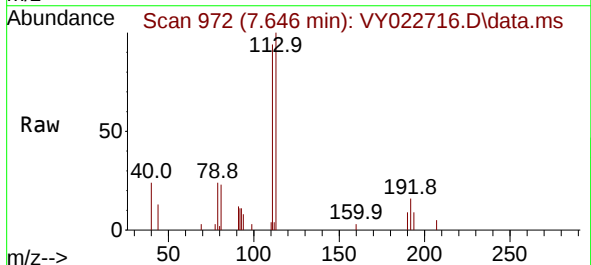
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022716.D
Acq: 17 Jun 2025 11:03

Tgt Ion:114	Resp:	21459
Ion Ratio	Lower	Upper
114	100	
63	20.2	0.0 40.8
88	16.2	0.0 27.8



#35
Dibromofluoromethane
Concen: 42.667 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY022716.D
Acq: 17 Jun 2025 11:03

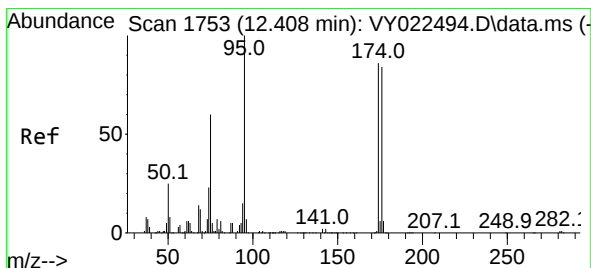
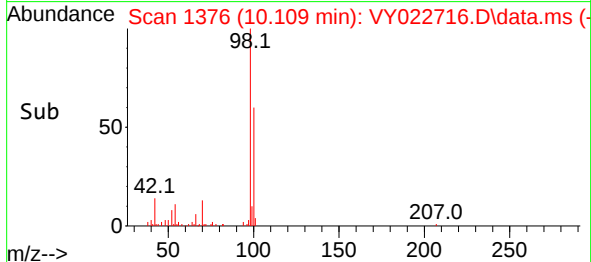
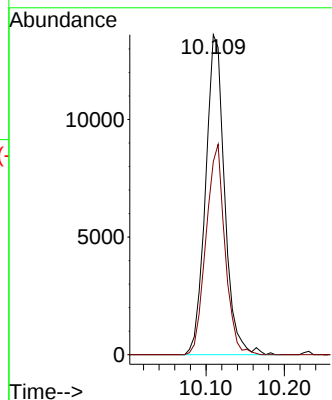
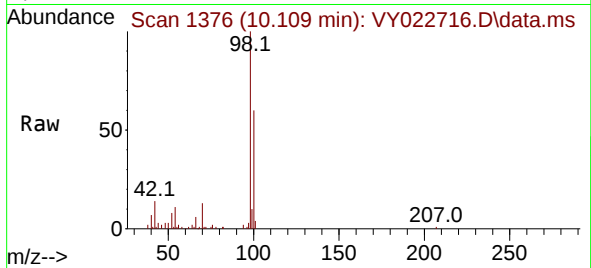
Tgt Ion:113	Resp:	5465
Ion Ratio	Lower	Upper
113	100	
111	105.9	81.1 121.7
192	19.8	14.2 21.2





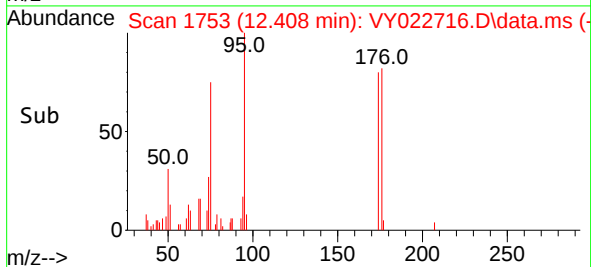
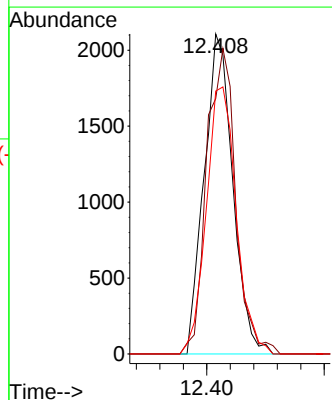
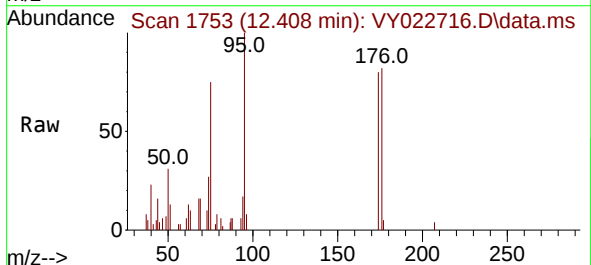
#50
Toluene-d8
Concen: 44.265 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022716.D
Acq: 17 Jun 2025 11:03

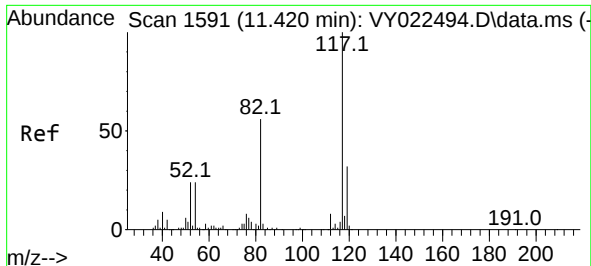
Tgt Ion: 98 Resp: 22909
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 23.119 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022716.D
Acq: 17 Jun 2025 11:03

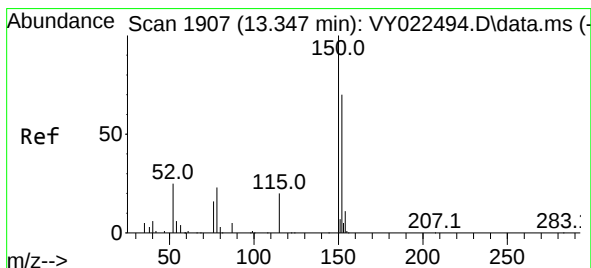
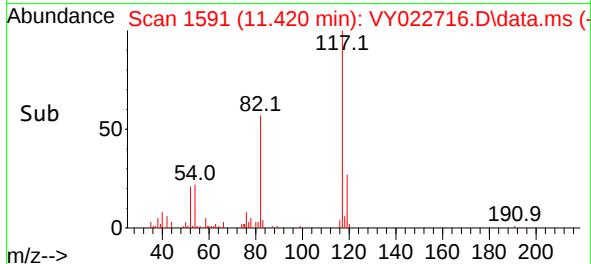
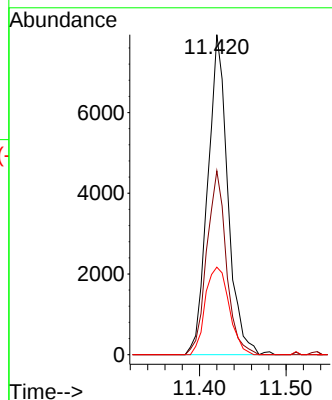
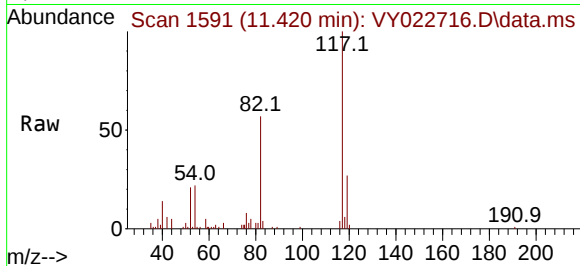
Tgt Ion: 95 Resp: 3565
Ion Ratio Lower Upper
95 100
174 96.6 0.0 170.0
176 87.5 0.0 166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022716.D
Acq: 17 Jun 2025 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.6	66.8
119	27.3	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: VY022716.D
Acq: 17 Jun 2025 11:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	28.9	86.7
150	144.4	0.0	349.6

