

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022721.D
 Acq On : 17 Jun 2025 14:01
 Operator : SY/MD
 Sample : Q2338-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 18 04:41:24 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	61367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	110162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	87832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	30887	50.000	ug/l	0.00

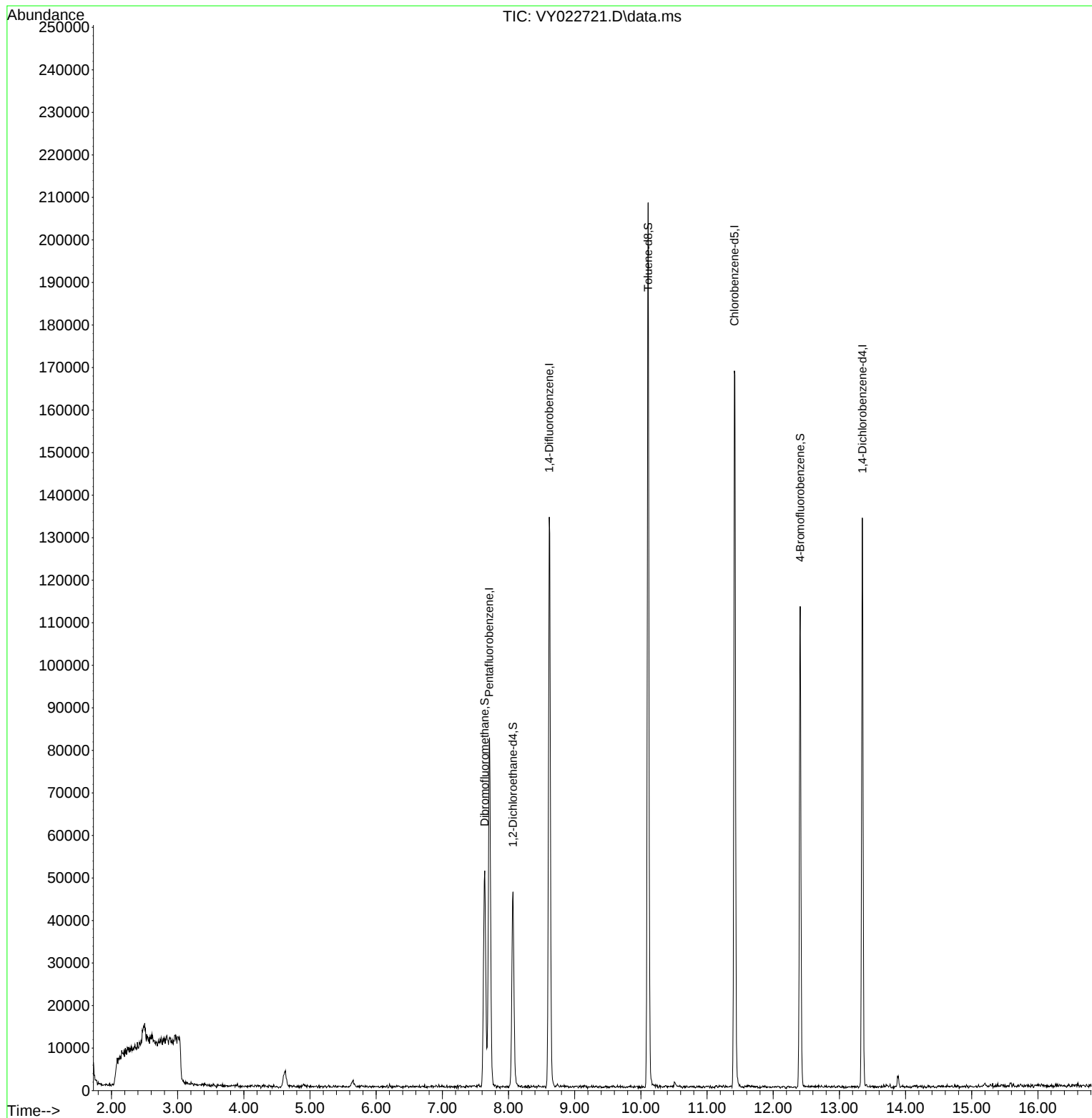
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	35712	52.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.060%
35) Dibromofluoromethane	7.640	113	34285	52.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.280%
50) Toluene-d8	10.109	98	130358	49.065	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.408	95	31680	40.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.040%

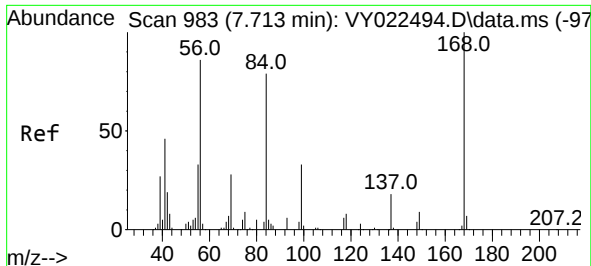
Target Compounds	Qvalue

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

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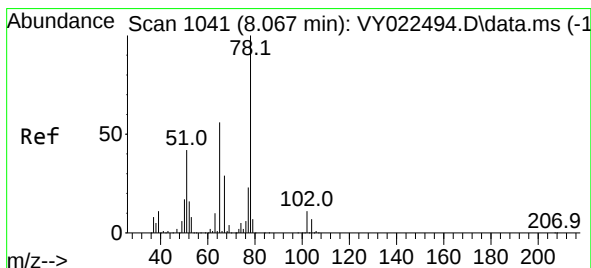
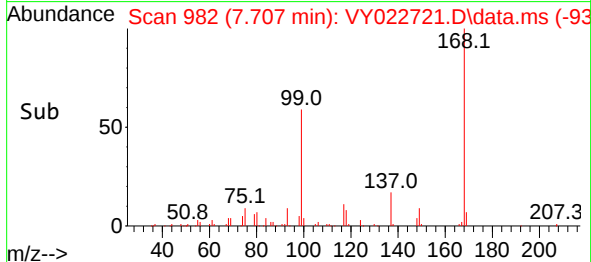
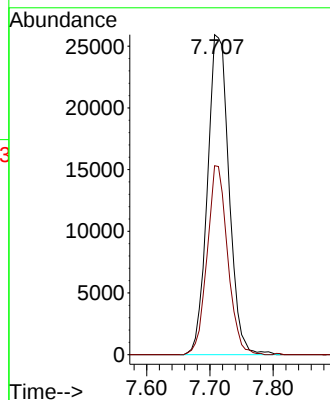
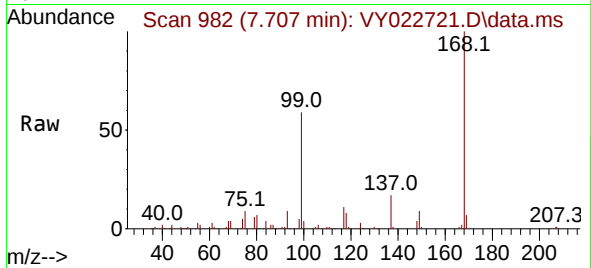
Quant Time: Jun 18 04:41:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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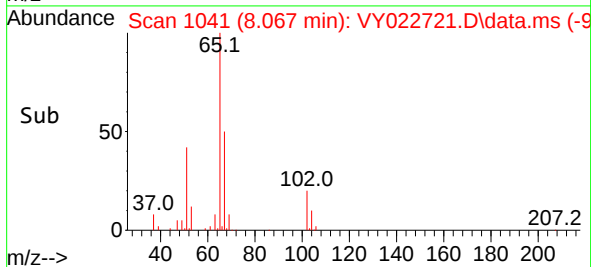
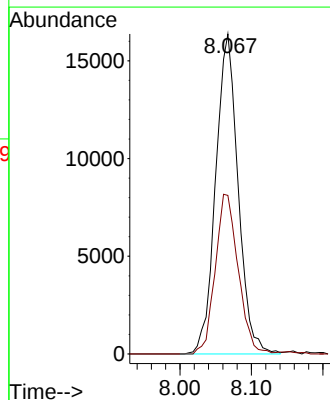
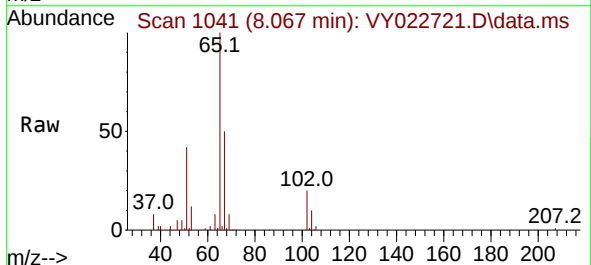
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022721.D
Acq: 17 Jun 2025 14:01

Tgt Ion:168 Resp: 61367
Ion Ratio Lower Upper
168 100
99 59.0 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 52.031 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022721.D
Acq: 17 Jun 2025 14:01

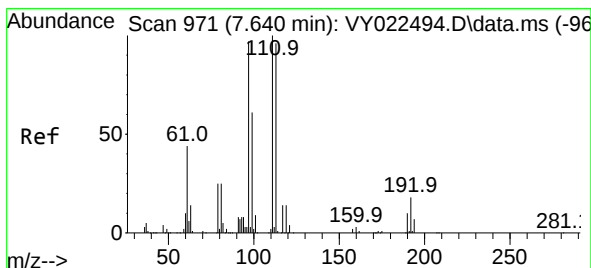
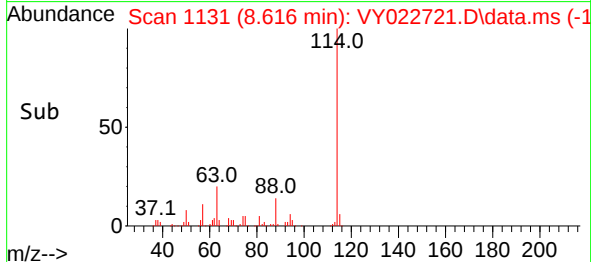
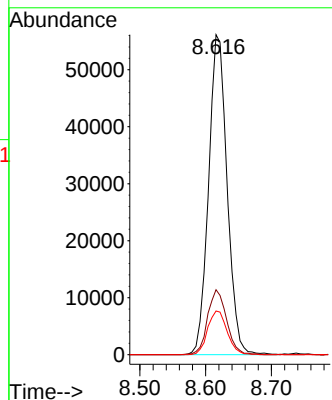
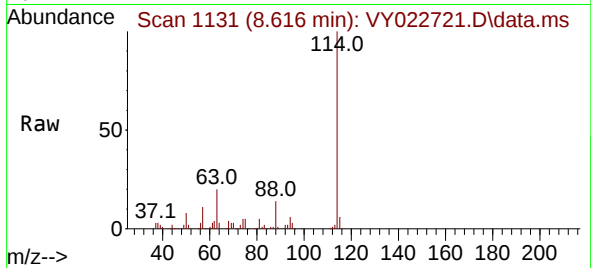
Tgt Ion: 65 Resp: 35712
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4





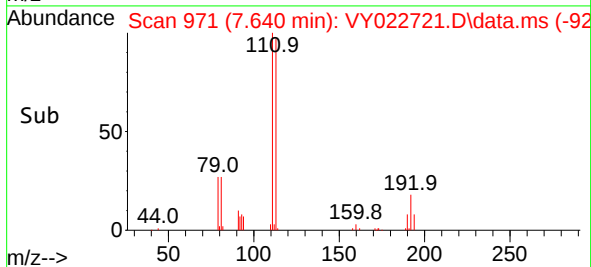
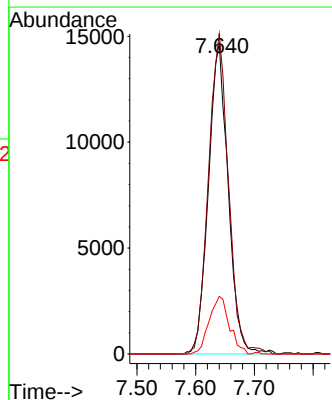
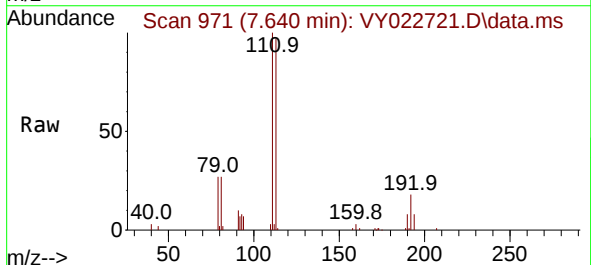
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022721.D
Acq: 17 Jun 2025 14:01

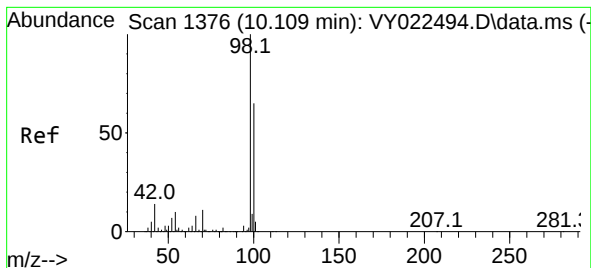
Tgt Ion:114 Resp: 110162
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 13.6 0.0 27.8



#35
Dibromofluoromethane
Concen: 52.142 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022721.D
Acq: 17 Jun 2025 14:01

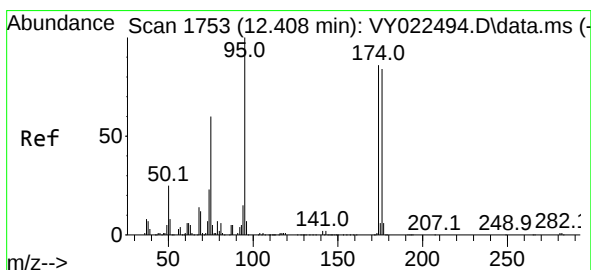
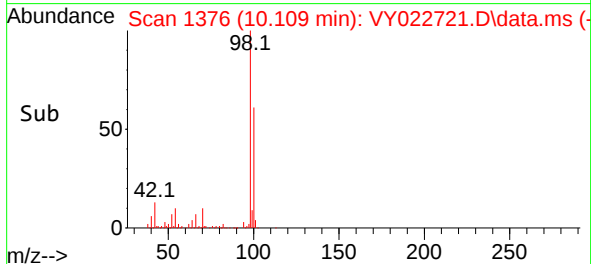
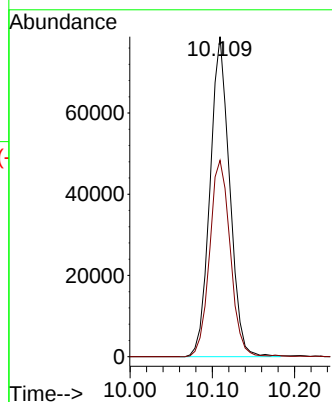
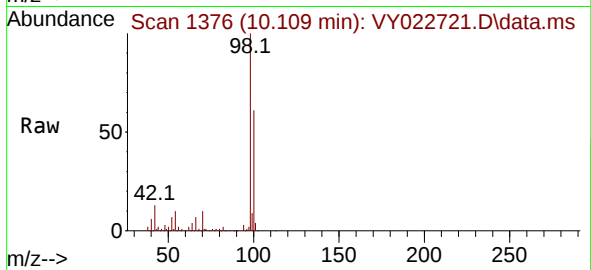
Tgt Ion:113 Resp: 34285
Ion Ratio Lower Upper
113 100
111 104.4 81.1 121.7
192 18.9 14.2 21.2





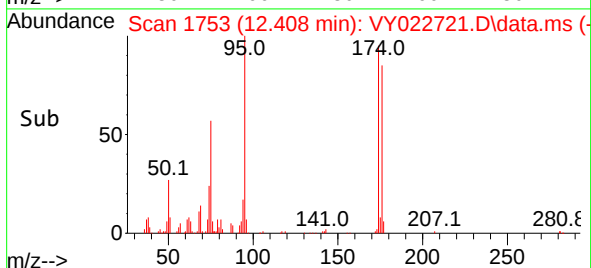
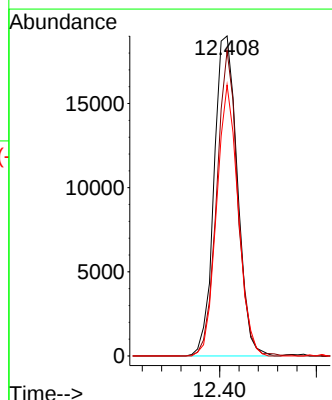
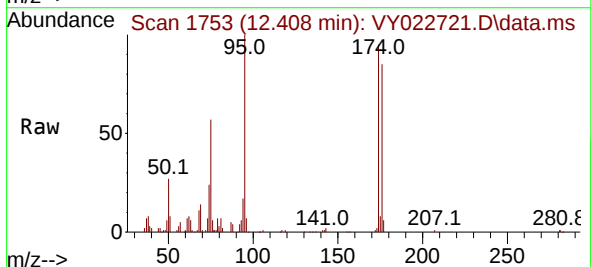
#50
Toluene-d8
Concen: 49.065 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022721.D
Acq: 17 Jun 2025 14:01

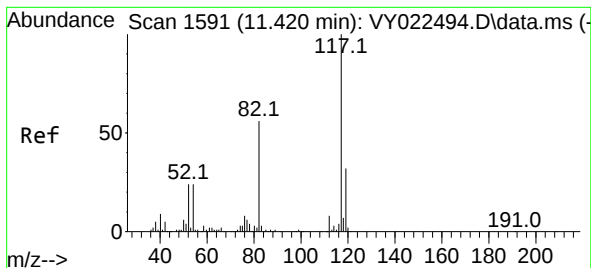
Tgt Ion: 98 Resp: 130358
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.020 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022721.D
Acq: 17 Jun 2025 14:01

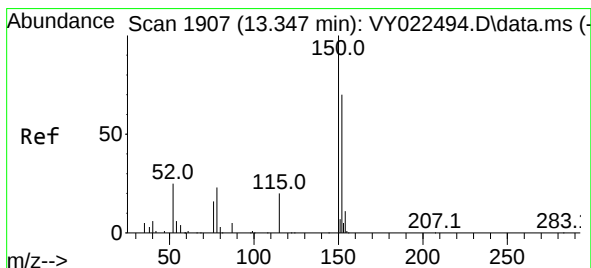
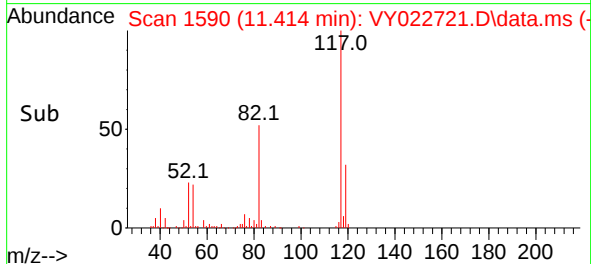
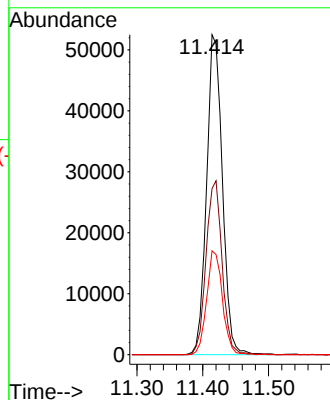
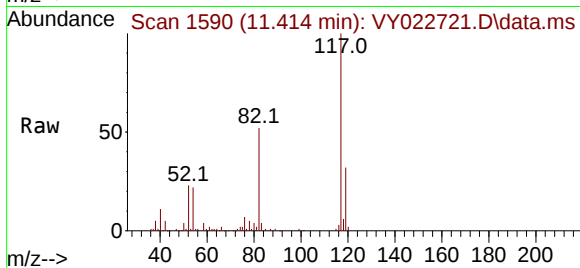
Tgt Ion: 95 Resp: 31680
Ion Ratio Lower Upper
95 100
174 86.2 0.0 170.0
176 78.4 0.0 166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022721.D
Acq: 17 Jun 2025 14:01

Tgt Ion:	117	Resp:	87832
Ion	Ratio	Lower	Upper
117	100		
82	51.9	44.6	66.8
119	32.5	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: VY022721.D
Acq: 17 Jun 2025 14:01

Tgt Ion:	152	Resp:	30887
Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.9	86.7
150	149.4	0.0	349.6

