

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101525\
 Data File : VY023474.D
 Acq On : 15 Oct 2025 12:51
 Operator : SY/MD
 Sample : Q3348-03
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 16 02:44:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	508742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1010117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1032725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	443497	50.000	ug/l	0.00

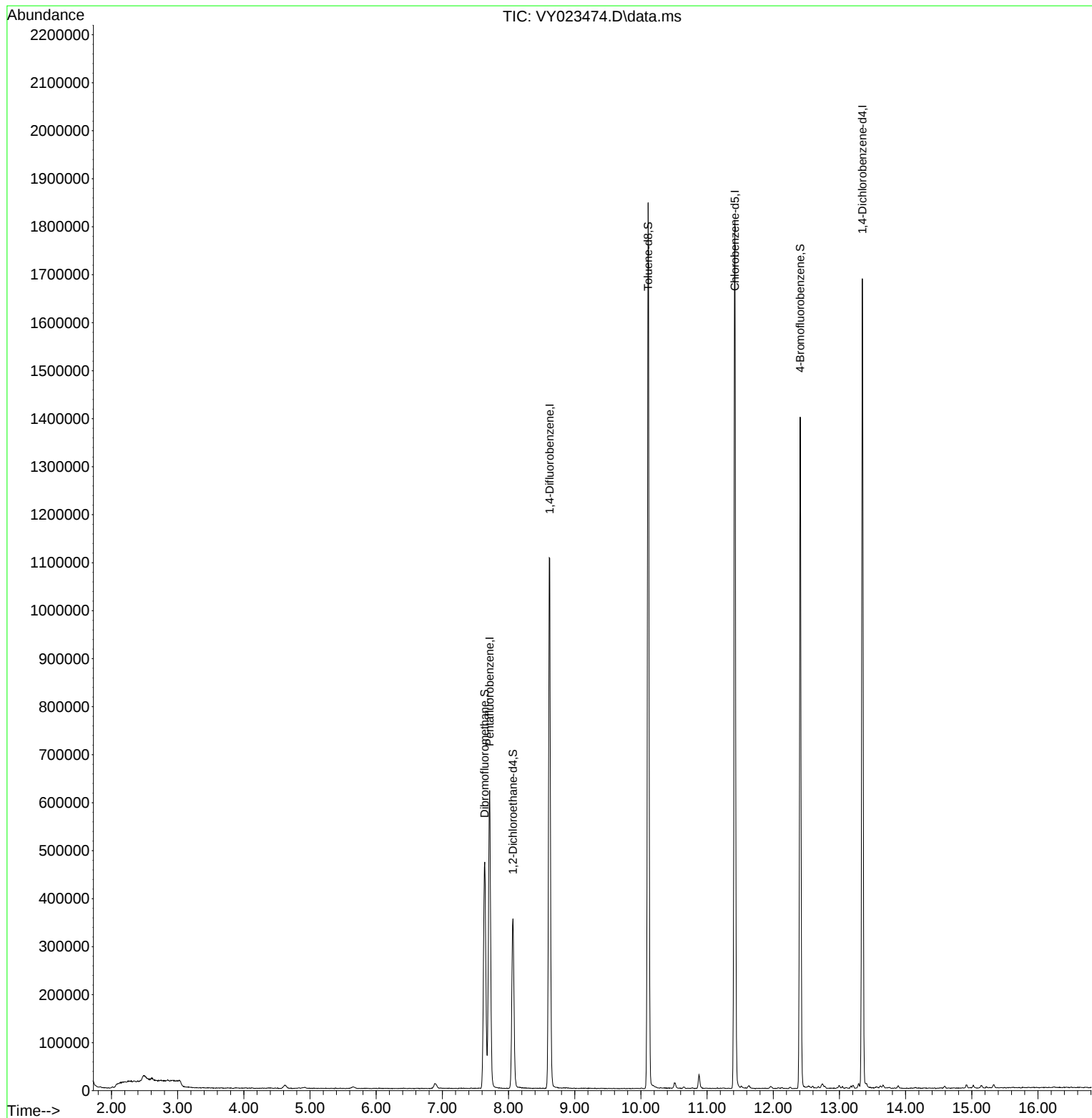
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	279711	65.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.500%
35) Dibromofluoromethane	7.640	113	345555	55.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.340%
50) Toluene-d8	10.109	98	1225100	53.002	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.000%
62) 4-Bromofluorobenzene	12.408	95	403308	52.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.700%

Target Compounds	Qvalue

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

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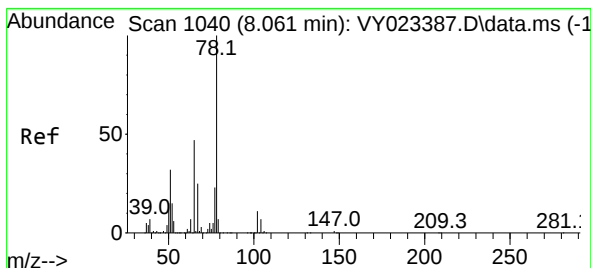
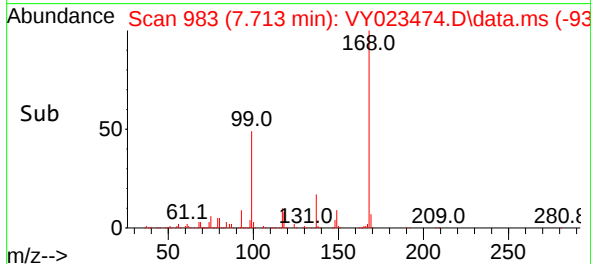
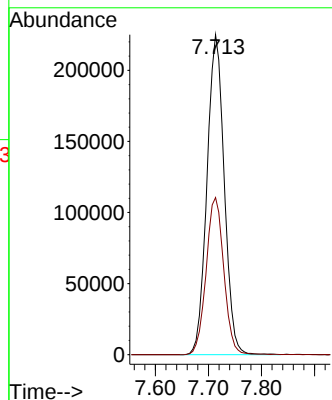
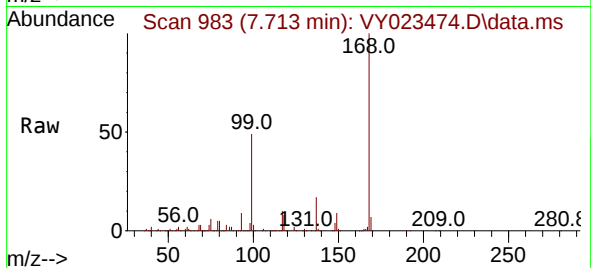
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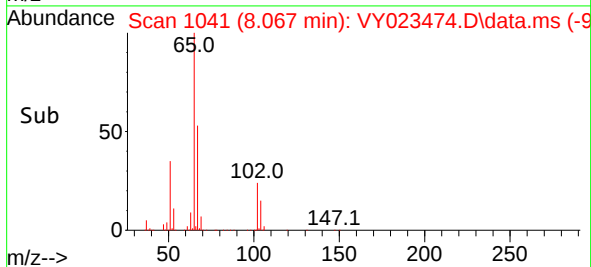
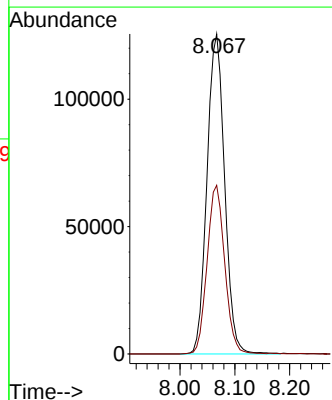
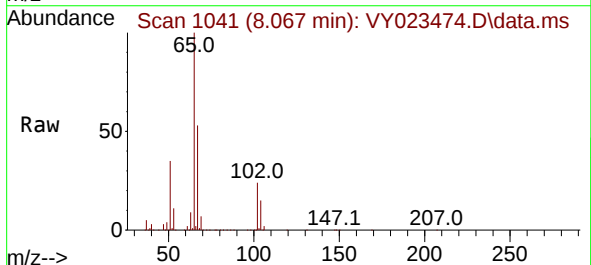
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023474.D
Acq: 15 Oct 2025 12:51

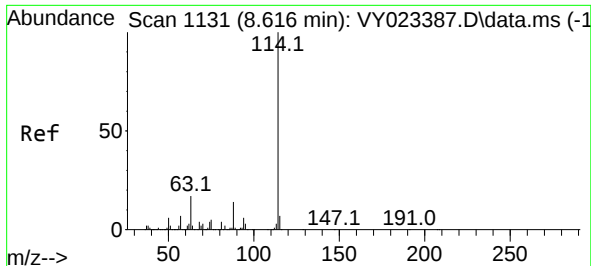
Tgt Ion:168 Resp: 508742
Ion Ratio Lower Upper
168 100
99 49.1 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 65.750 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023474.D
Acq: 15 Oct 2025 12:51

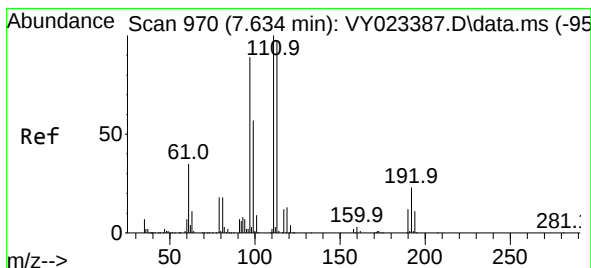
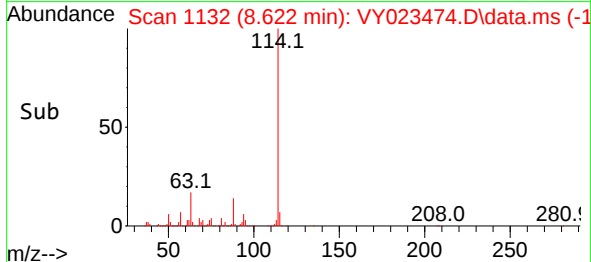
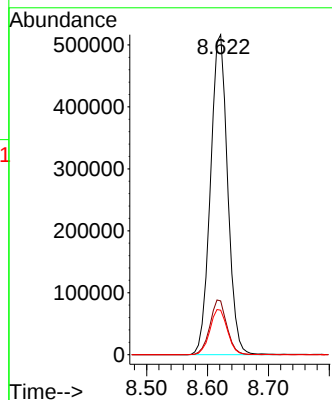
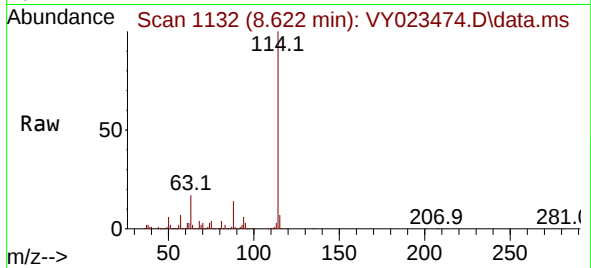
Tgt Ion: 65 Resp: 279711
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8





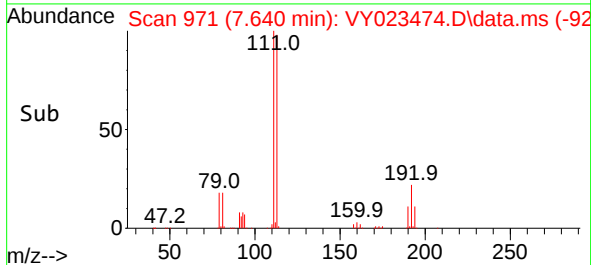
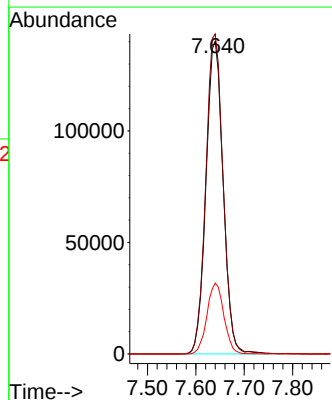
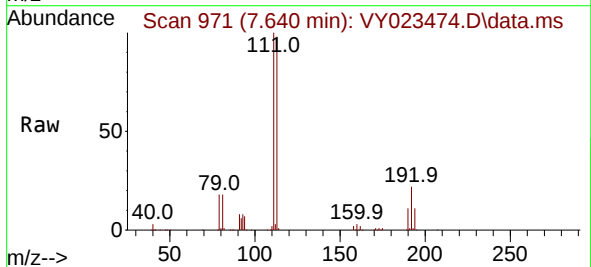
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023474.D
Acq: 15 Oct 2025 12:51

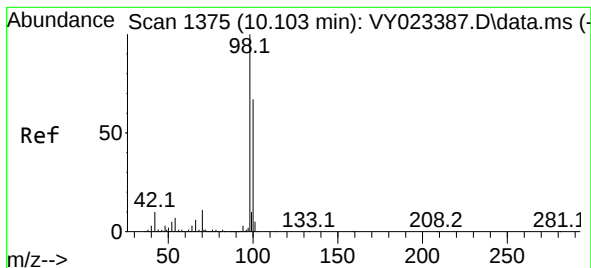
Tgt Ion:114 Resp: 1010117
Ion Ratio Lower Upper
114 100
63 16.8 0.0 34.2
88 13.9 0.0 28.4



#35
Dibromofluoromethane
Concen: 55.675 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023474.D
Acq: 15 Oct 2025 12:51

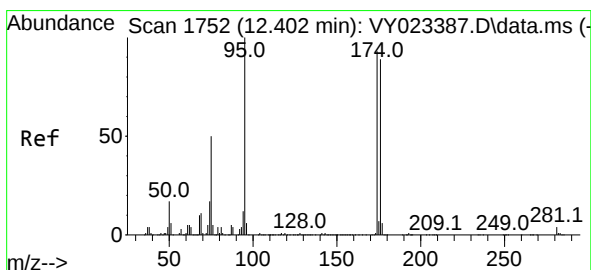
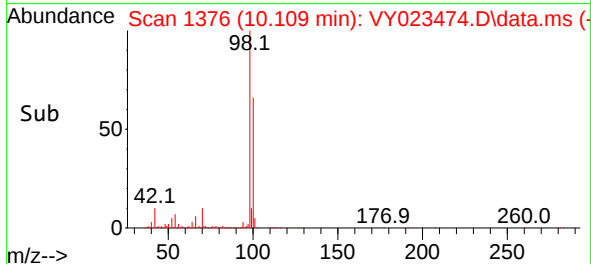
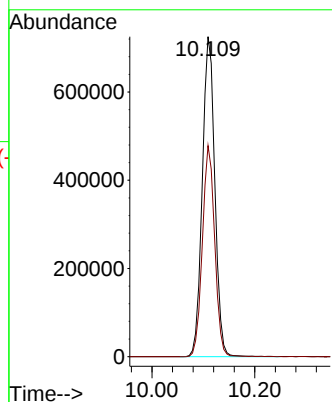
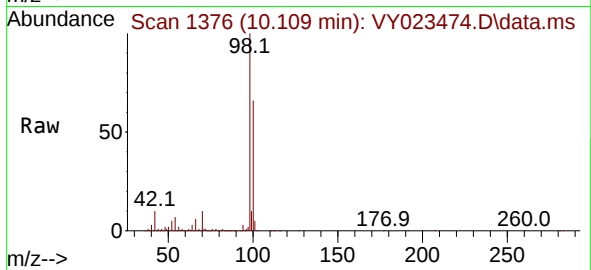
Tgt Ion:113 Resp: 345555
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 22.4 18.0 27.0





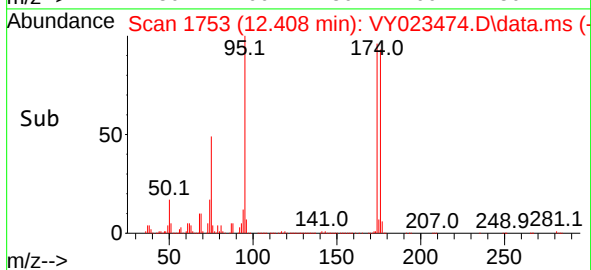
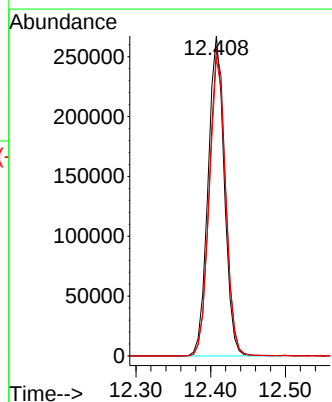
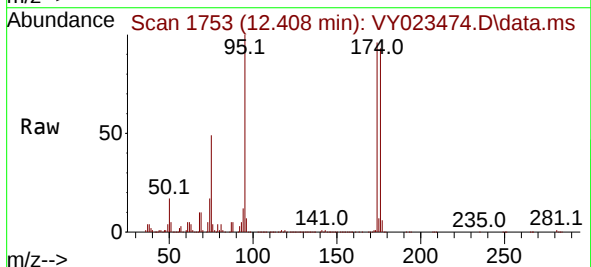
#50
Toluene-d8
Concen: 53.002 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023474.D
Acq: 15 Oct 2025 12:51

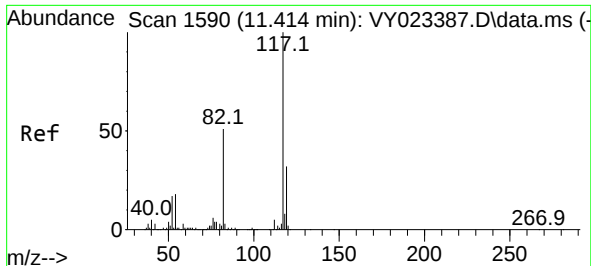
Tgt Ion: 98 Resp: 1225100
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.850 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023474.D
Acq: 15 Oct 2025 12:51

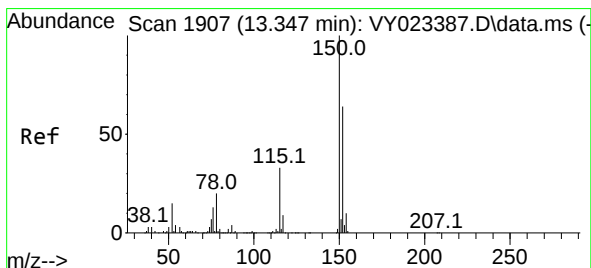
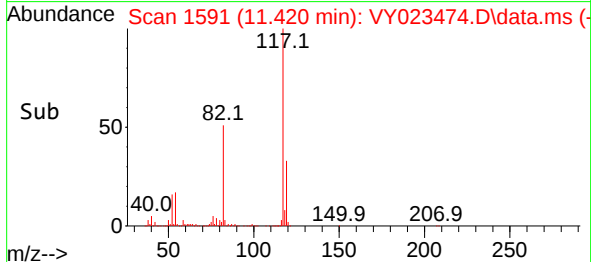
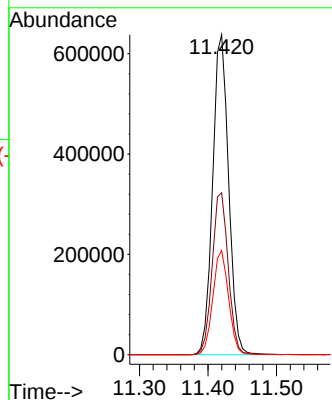
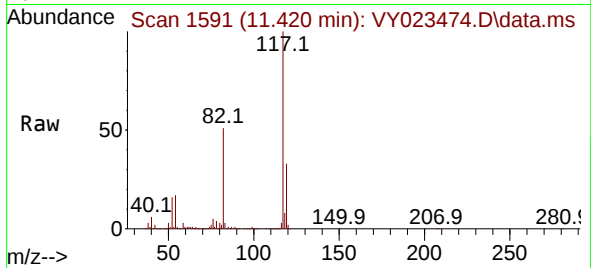
Tgt Ion: 95 Resp: 403308
Ion Ratio Lower Upper
95 100
174 97.0 0.0 192.8
176 93.5 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023474.D
Acq: 15 Oct 2025 12:51

Tgt Ion:117 Resp: 1032725
Ion Ratio Lower Upper
117 100
82 50.6 41.0 61.4
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023474.D
Acq: 15 Oct 2025 12:51

Tgt Ion:152 Resp: 443497
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.2
150 158.0 0.0 347.4

