

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101525\
 Data File : VY023479.D
 Acq On : 15 Oct 2025 15:52
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 16 02:46:07 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)

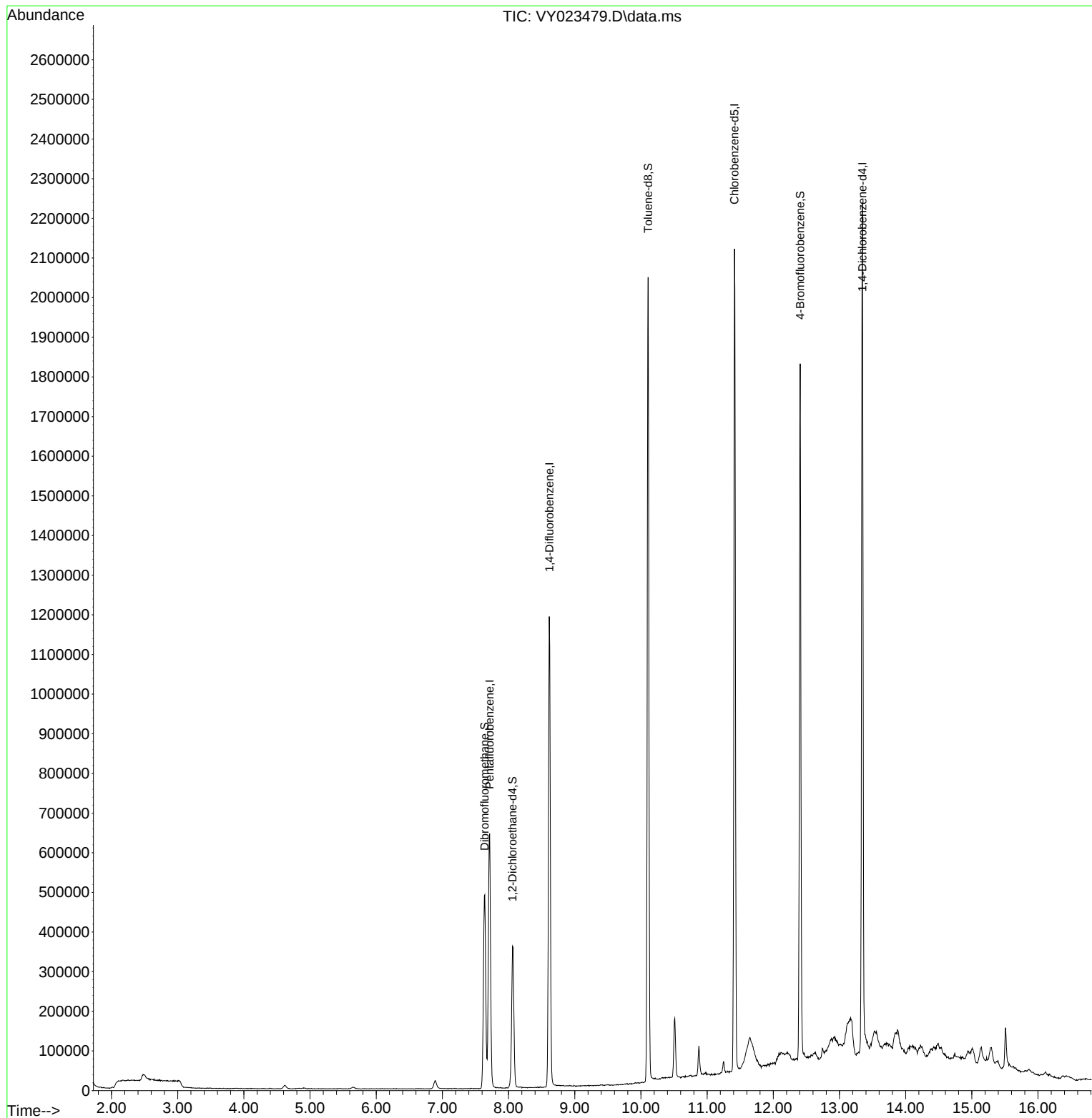
Internal Standards						
1) Pentafluorobenzene	7.713	168	538049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1080880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1179304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	570152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	278667	61.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.880%	
35) Dibromofluoromethane	7.640	113	352884	53.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.260%	
50) Toluene-d8	10.109	98	1367455	55.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.580%	
62) 4-Bromofluorobenzene	12.407	95	507376	62.134	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 124.260%	

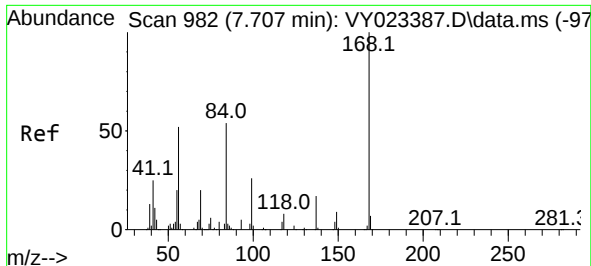
Target Compounds	Qvalue

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

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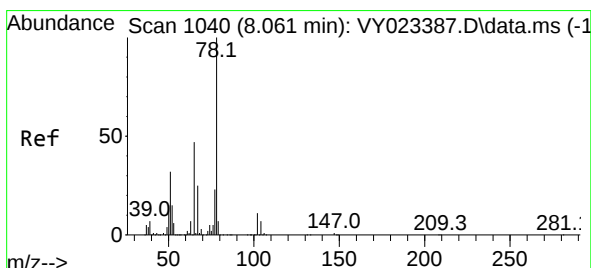
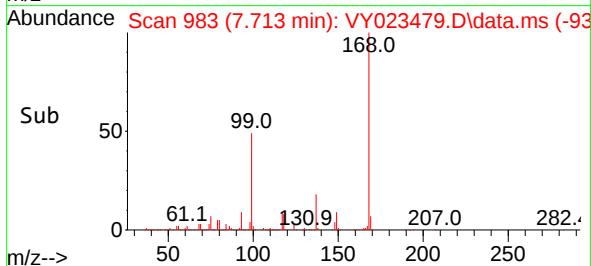
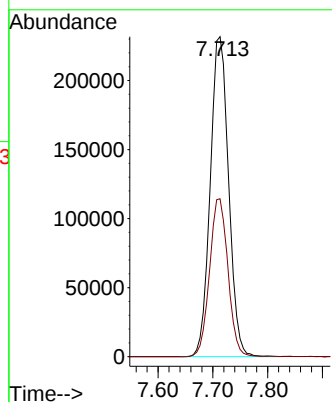
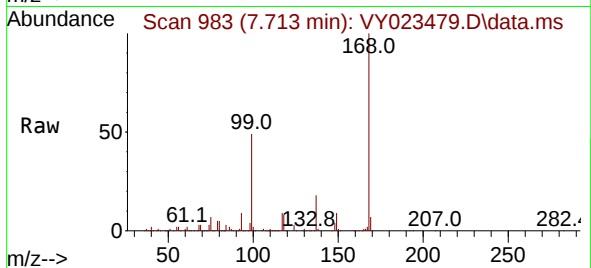
Quant Time: Oct 16 02:46:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
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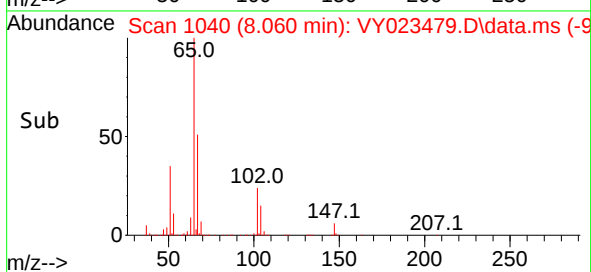
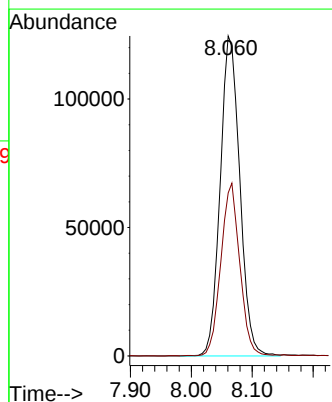
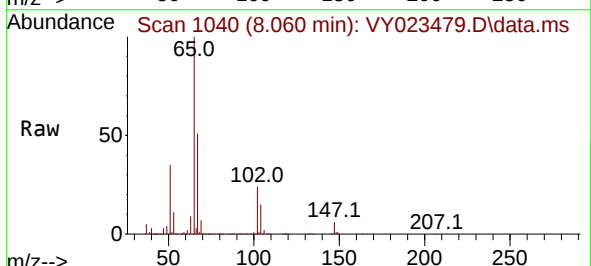
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023479.D
Acq: 15 Oct 2025 15:52

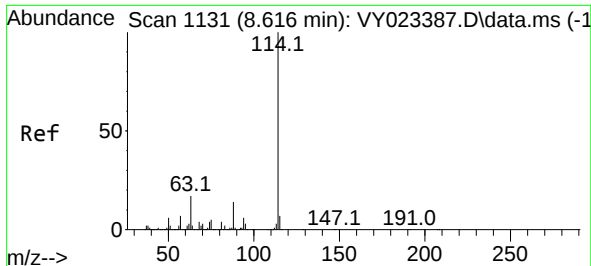
Tgt Ion:168 Resp: 538049
Ion Ratio Lower Upper
168 100
99 49.4 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 61.936 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023479.D
Acq: 15 Oct 2025 15:52

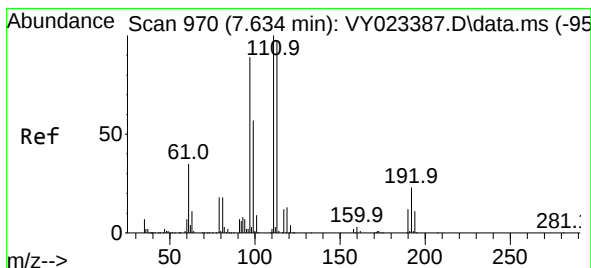
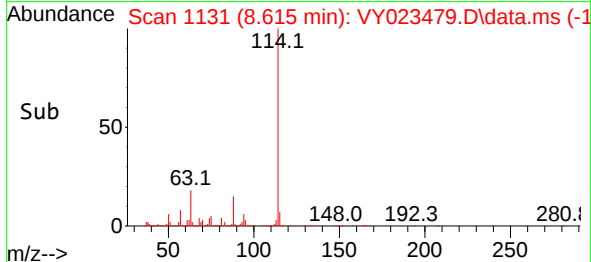
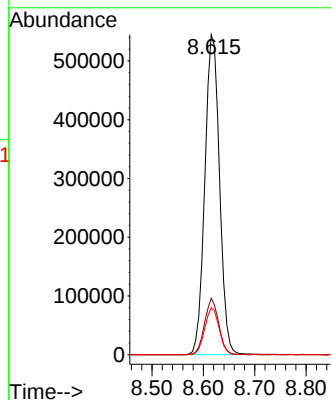
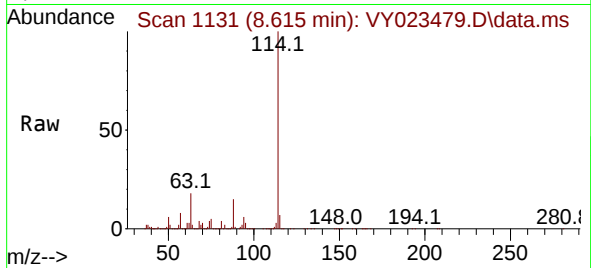
Tgt Ion: 65 Resp: 278667
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.8





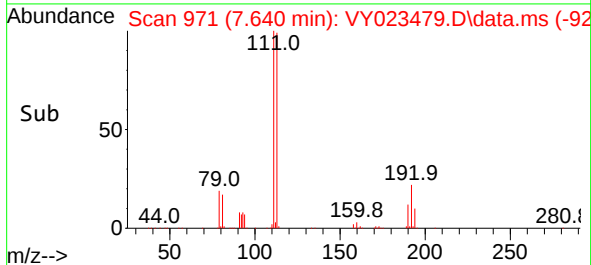
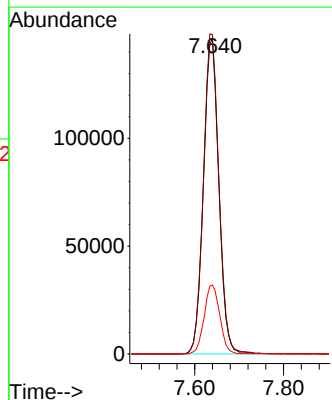
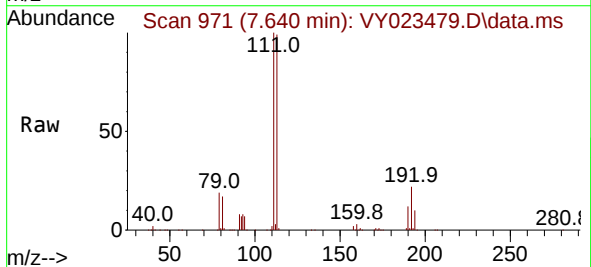
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023479.D
Acq: 15 Oct 2025 15:52

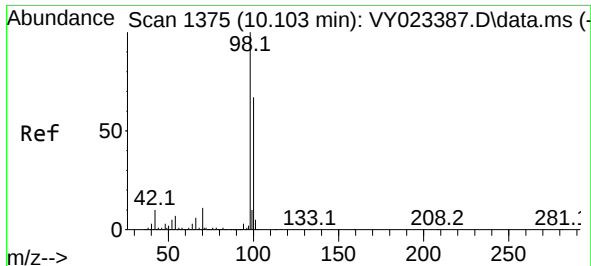
Tgt Ion:114 Resp: 1080880
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.2
88 14.6 0.0 28.4



#35
Dibromofluoromethane
Concen: 53.133 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023479.D
Acq: 15 Oct 2025 15:52

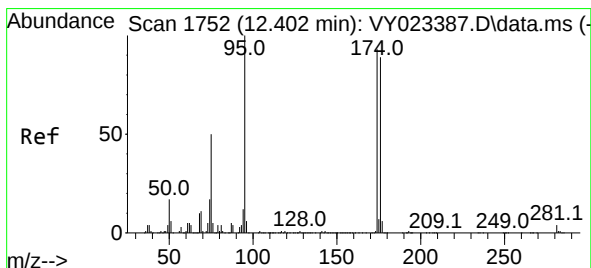
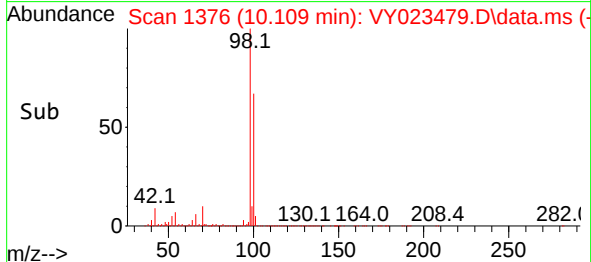
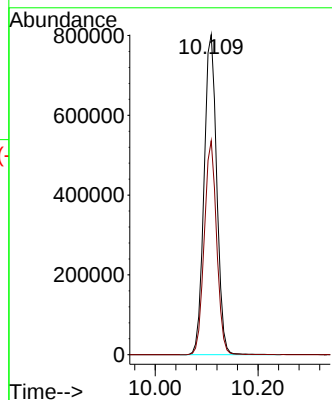
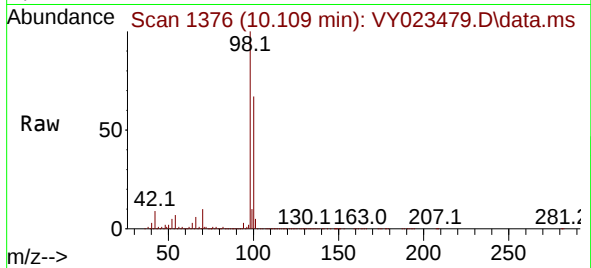
Tgt Ion:113 Resp: 352884
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 22.2 18.0 27.0





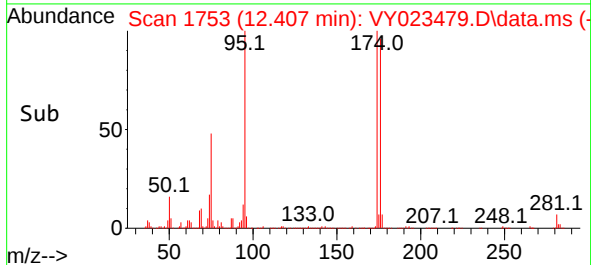
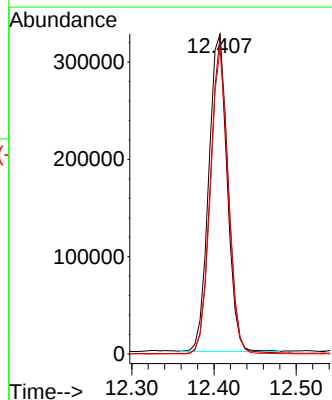
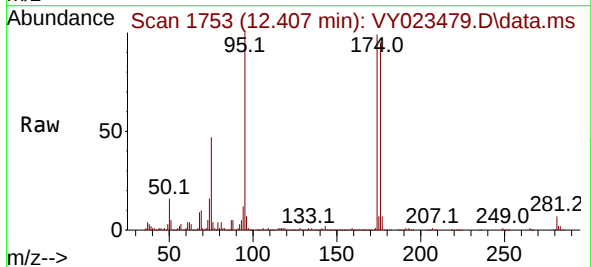
#50
Toluene-d8
Concen: 55.287 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023479.D
Acq: 15 Oct 2025 15:52

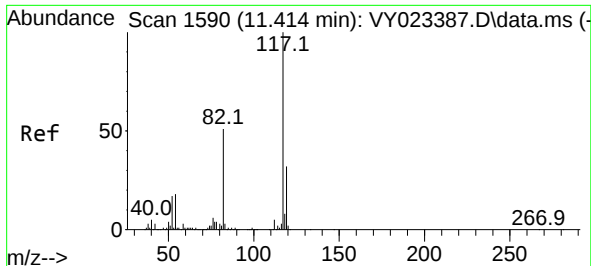
Tgt Ion: 98 Resp: 1367455
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 62.134 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023479.D
Acq: 15 Oct 2025 15:52

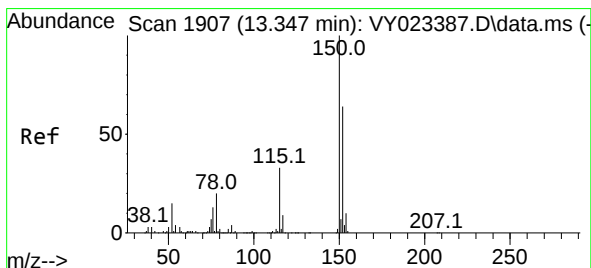
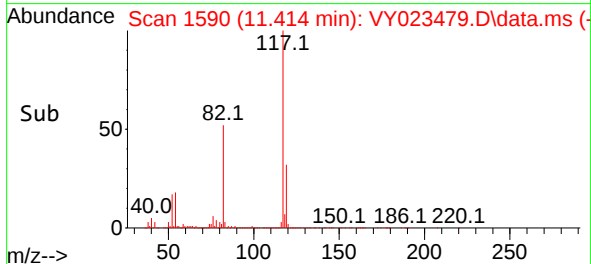
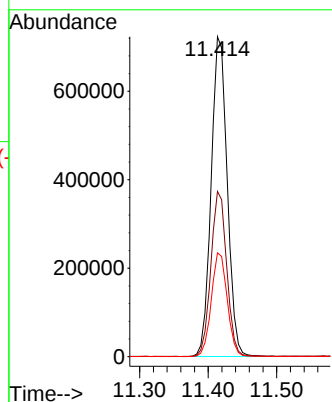
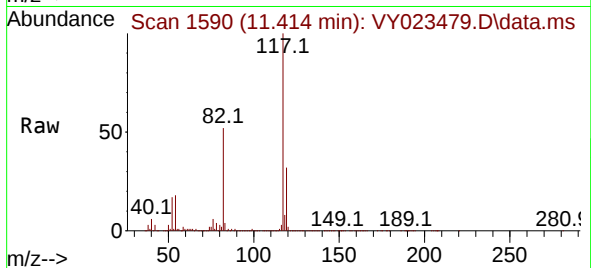
Tgt Ion: 95 Resp: 507376
Ion Ratio Lower Upper
95 100
174 97.3 0.0 192.8
176 93.3 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023479.D
Acq: 15 Oct 2025 15:52

Tgt Ion:117 Resp: 1179304
Ion Ratio Lower Upper
117 100
82 51.6 41.0 61.4
119 32.4 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: VY023479.D
Acq: 15 Oct 2025 15:52

Tgt Ion:152 Resp: 570152
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.2
150 156.6 0.0 347.4

