

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101525\
 Data File : VY023471.D
 Acq On : 15 Oct 2025 11:16
 Operator : SY/MD
 Sample : VY1015SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 16 02:42:19 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)

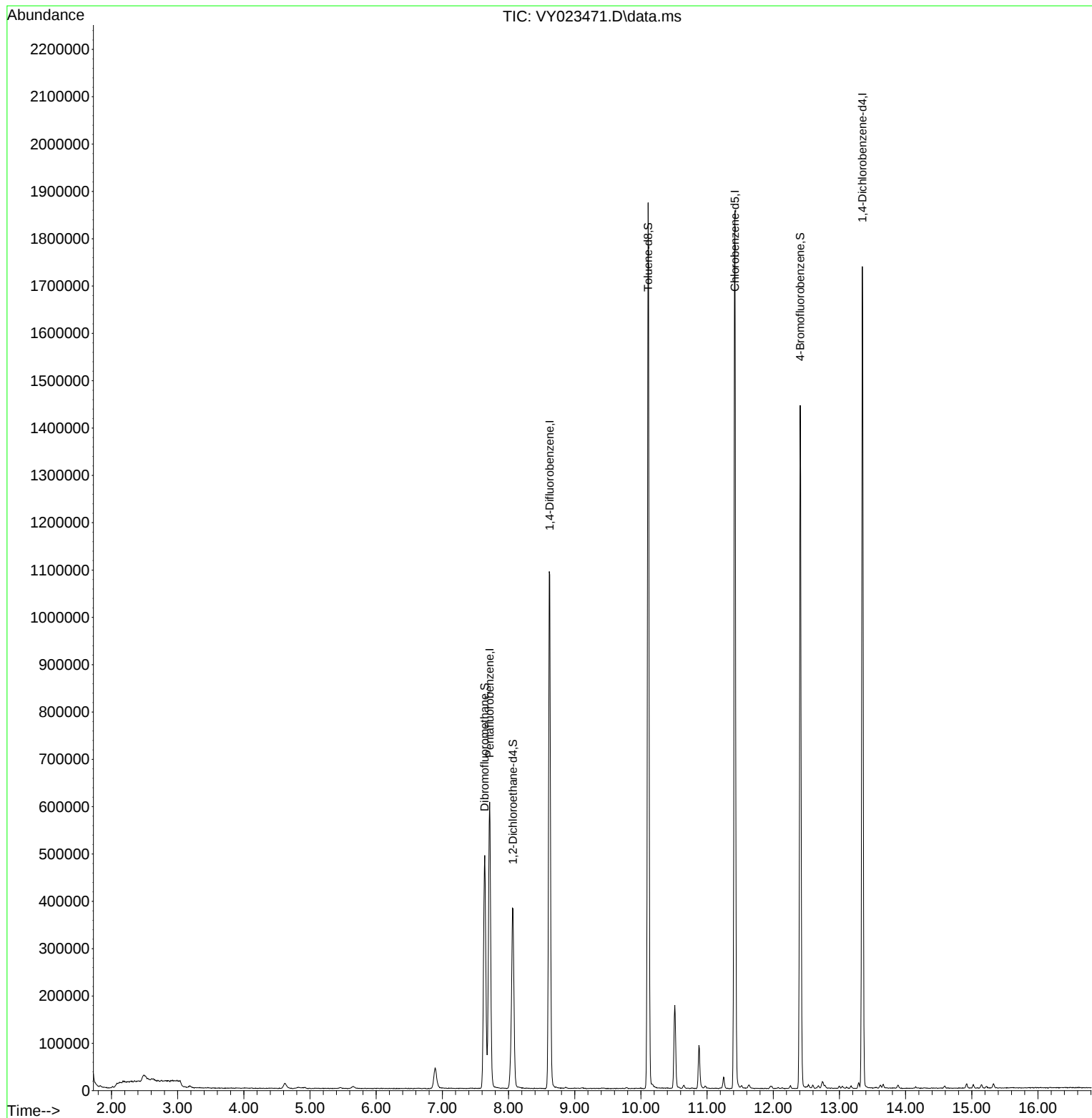
Internal Standards						
1) Pentafluorobenzene	7.713	168	505344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1009780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1067605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	462963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	274858	65.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.080%	
35) Dibromofluoromethane	7.640	113	355598	57.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.620%	
50) Toluene-d8	10.109	98	1233352	53.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.760%	
62) 4-Bromofluorobenzene	12.408	95	420032	55.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.120%	

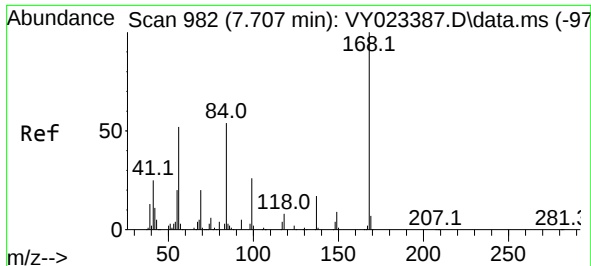
Target Compounds	Qvalue

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

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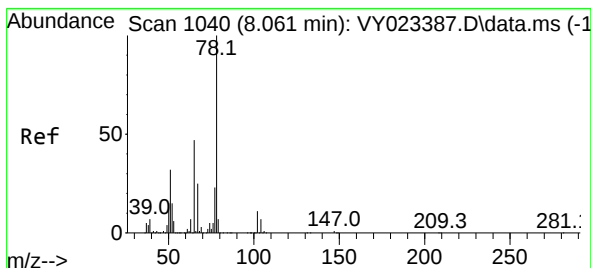
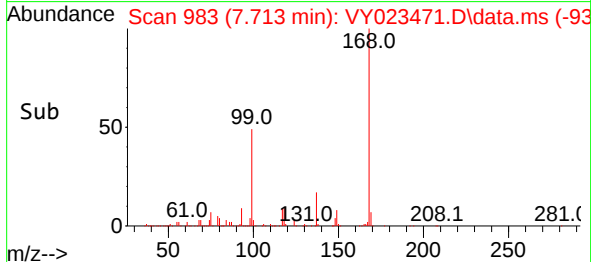
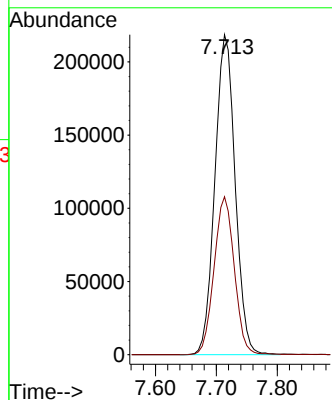
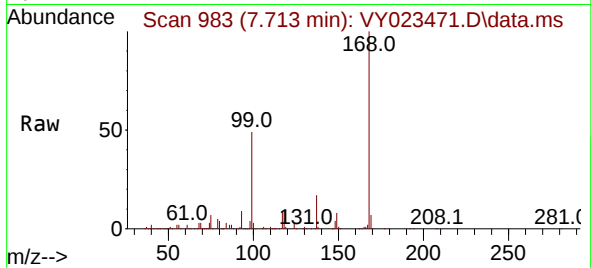
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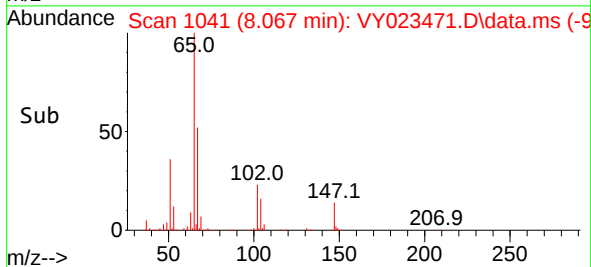
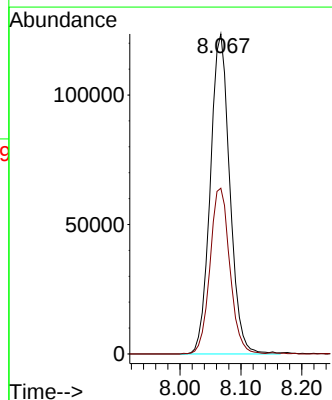
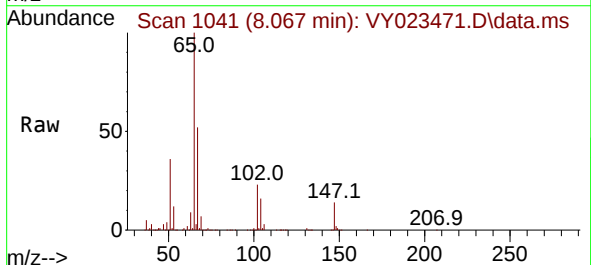
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023471.D
Acq: 15 Oct 2025 11:16

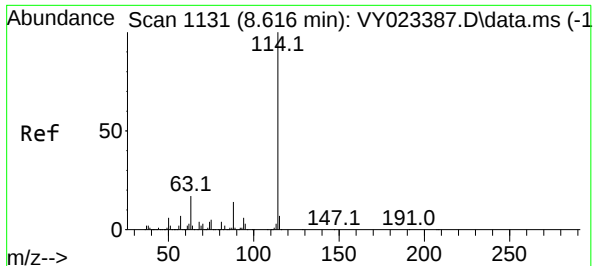
Tgt Ion:168 Resp: 505344
Ion Ratio Lower Upper
168 100
99 49.3 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 65.043 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023471.D
Acq: 15 Oct 2025 11:16

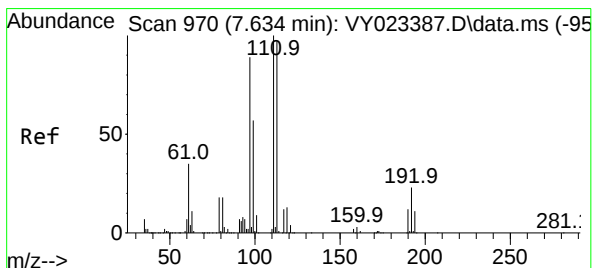
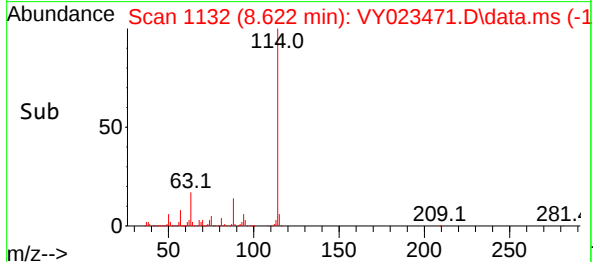
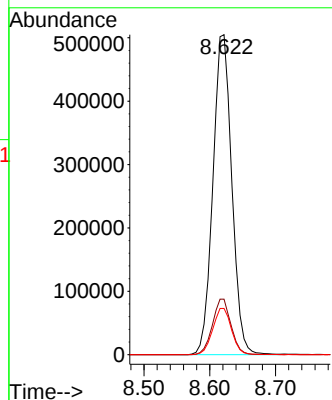
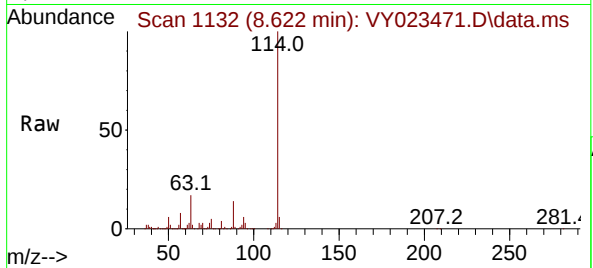
Tgt Ion: 65 Resp: 274858
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8





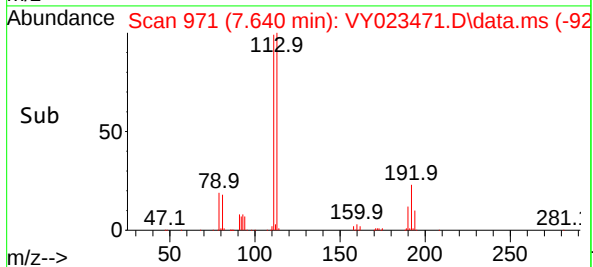
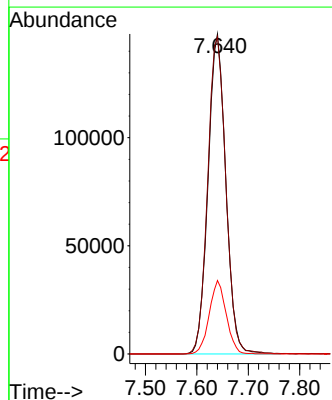
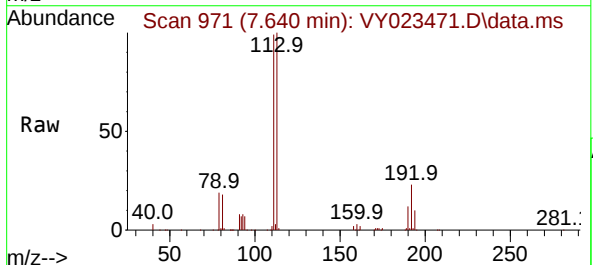
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023471.D
Acq: 15 Oct 2025 11:16

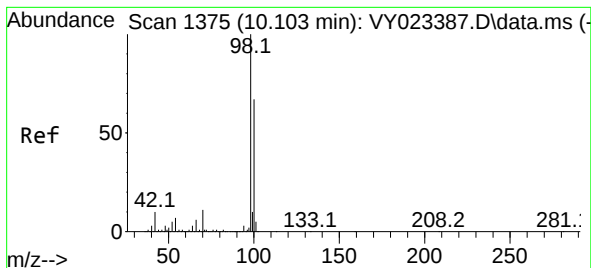
Tgt Ion:114 Resp: 1009780
Ion Ratio Lower Upper
114 100
63 17.4 0.0 34.2
88 14.4 0.0 28.4



#35
Dibromofluoromethane
Concen: 57.312 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023471.D
Acq: 15 Oct 2025 11:16

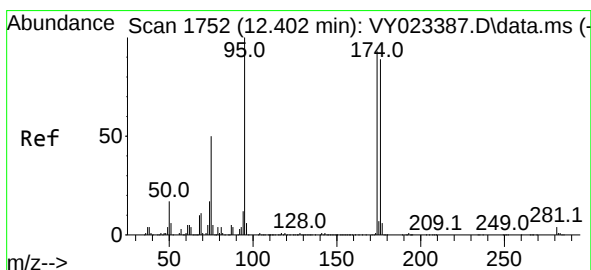
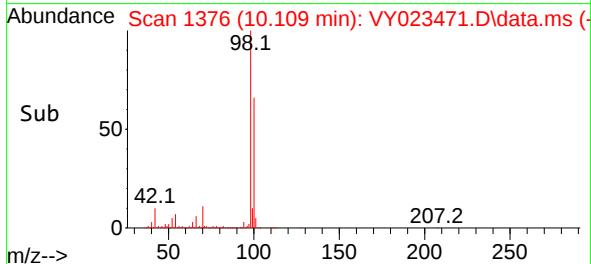
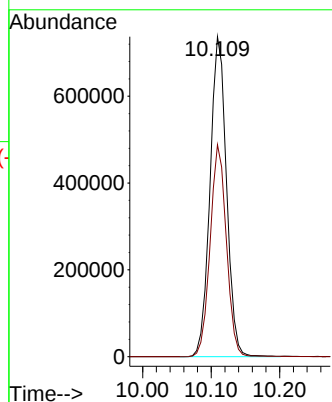
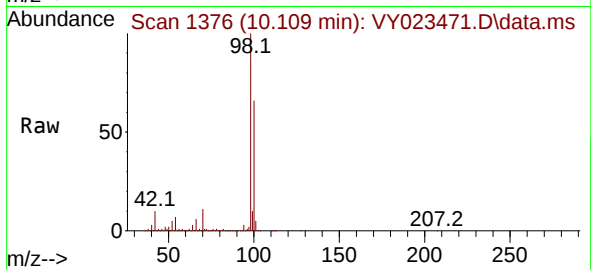
Tgt Ion:113 Resp: 355598
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.6
192 22.0 18.0 27.0





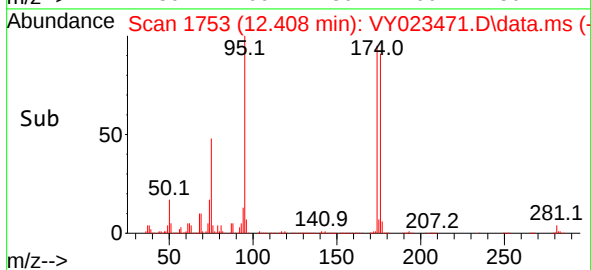
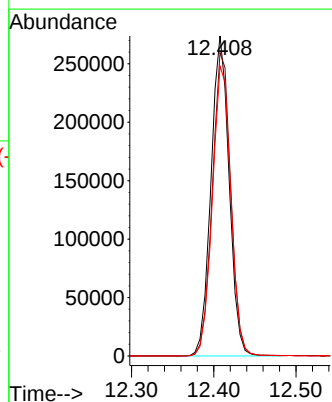
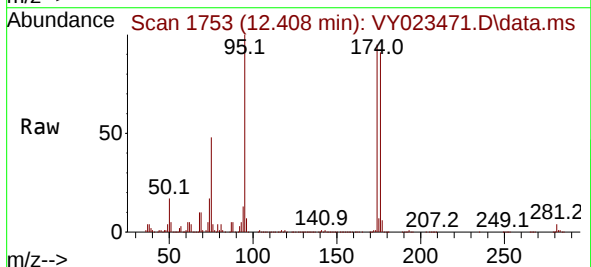
#50
Toluene-d8
Concen: 53.377 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023471.D
Acq: 15 Oct 2025 11:16

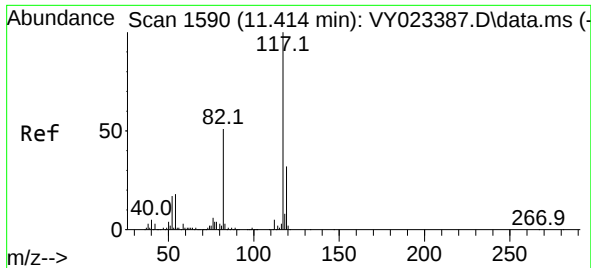
Tgt Ion: 98 Resp: 1233352
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.060 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023471.D
Acq: 15 Oct 2025 11:16

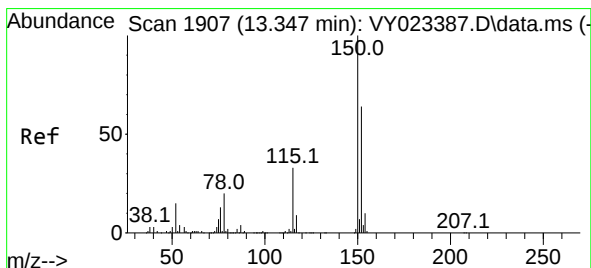
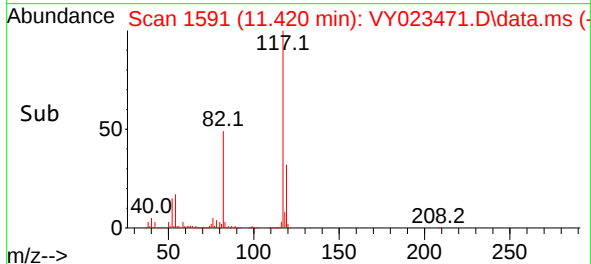
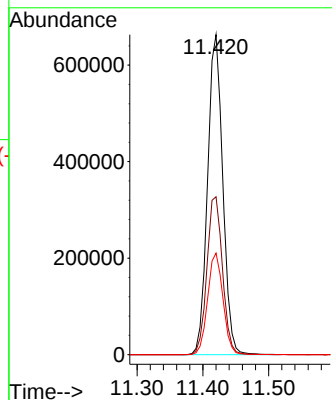
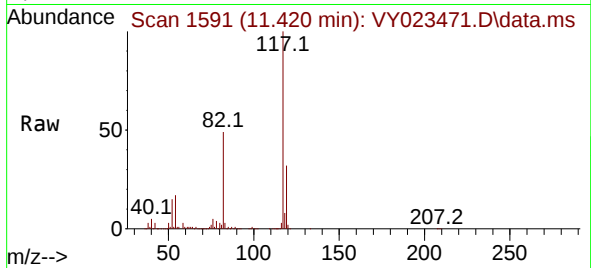
Tgt Ion: 95 Resp: 420032
Ion Ratio Lower Upper
95 100
174 96.7 0.0 192.8
176 92.2 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023471.D
Acq: 15 Oct 2025 11:16

Tgt Ion:117 Resp: 1067605
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.4
119 31.8 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: VY023471.D
Acq: 15 Oct 2025 11:16

Tgt Ion:152 Resp: 462963
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.2
150 155.8 0.0 347.4

