

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022861.D
 Acq On : 27 Jun 2025 14:56
 Operator : SY/MD
 Sample : Q2436-06
 Misc : 5.19g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-83

Quant Time: Jun 27 23:18:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	337210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	630445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	584339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	232255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	175030	46.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.020%
35) Dibromofluoromethane	7.634	113	190715	49.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.109	98	754544	49.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.407	95	248009	50.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.420%

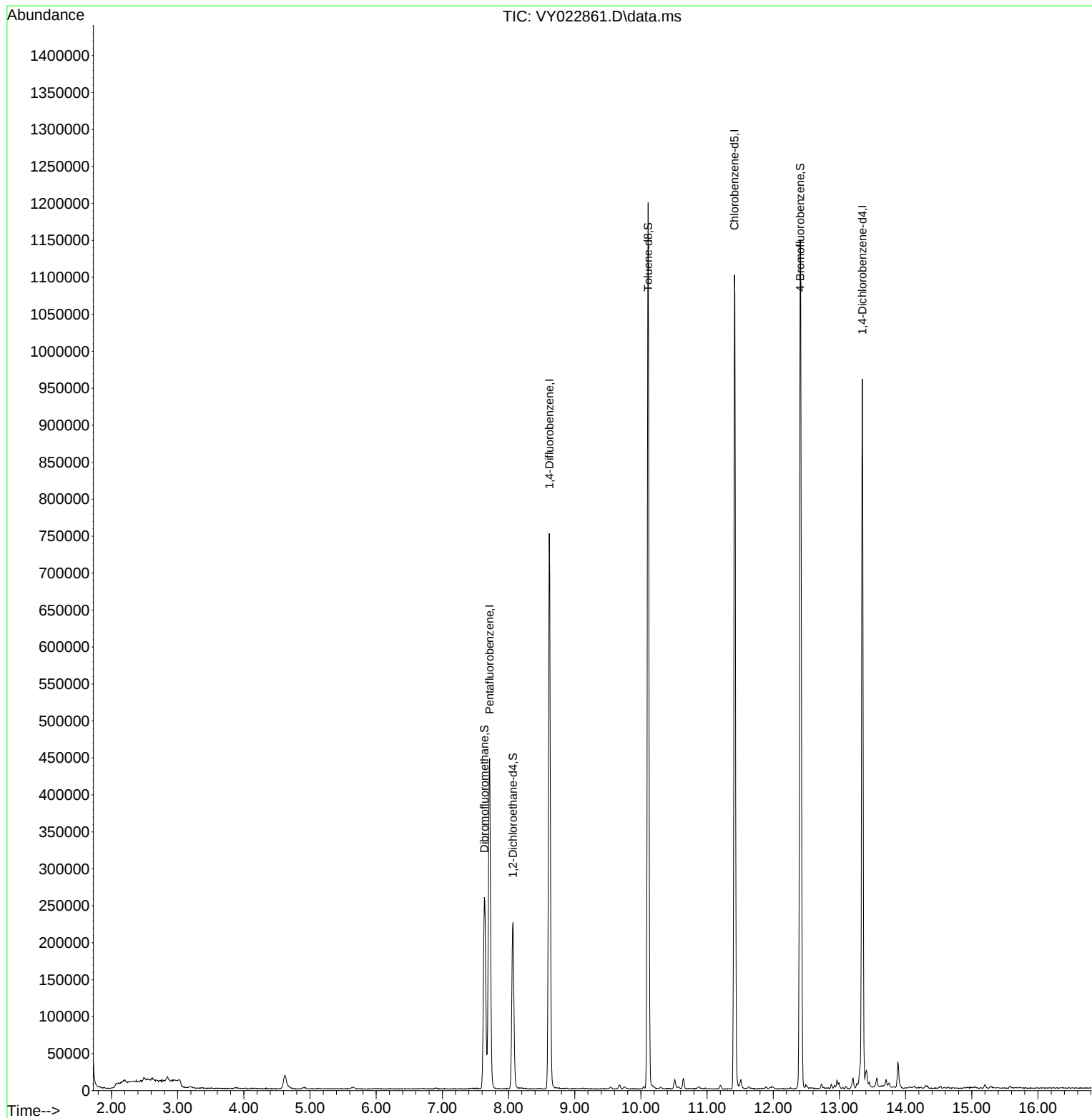
Target Compounds	Qvalue

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

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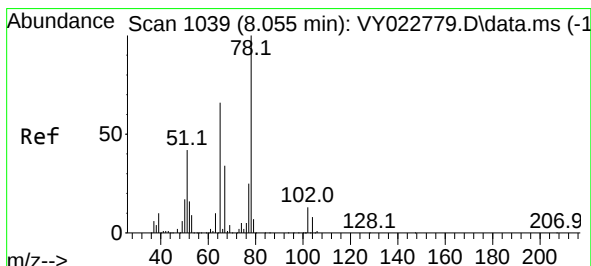
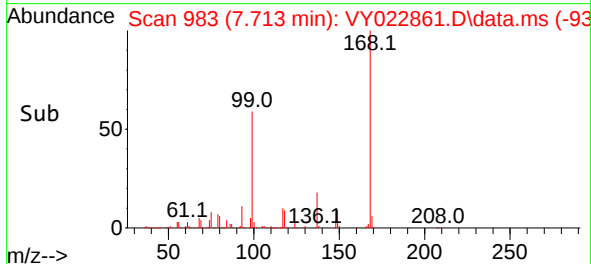
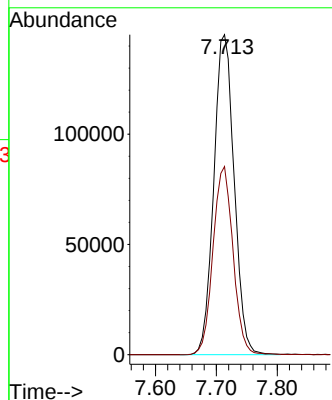
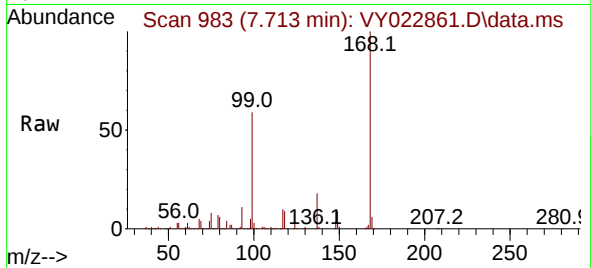




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022861.D
Acq: 27 Jun 2025 14:56

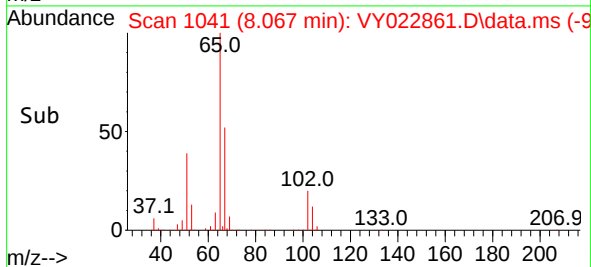
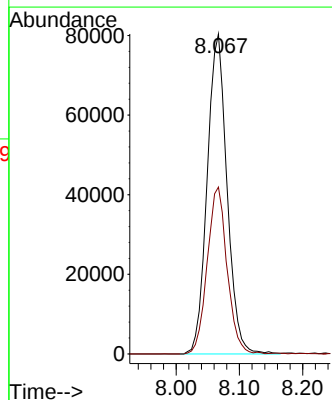
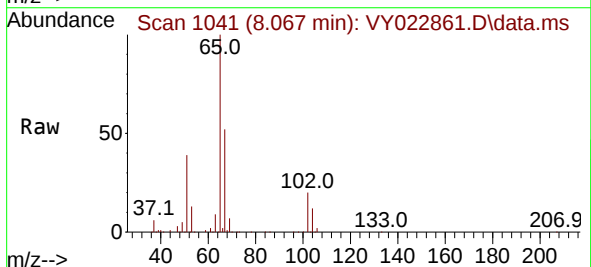
Instrument :
MSVOA_Y
ClientSampleId :
TP-83

Tgt Ion:168 Resp: 337210
Ion Ratio Lower Upper
168 100
99 58.8 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 46.506 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022861.D
Acq: 27 Jun 2025 14:56

Tgt Ion: 65 Resp: 175030
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4

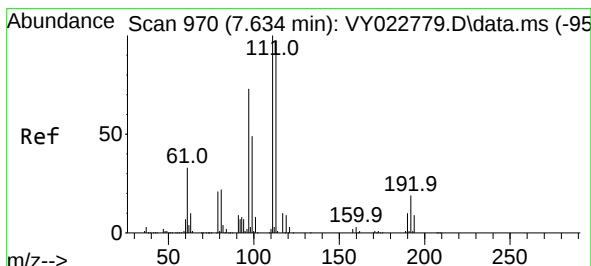
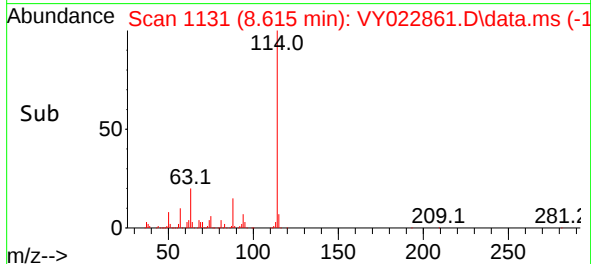
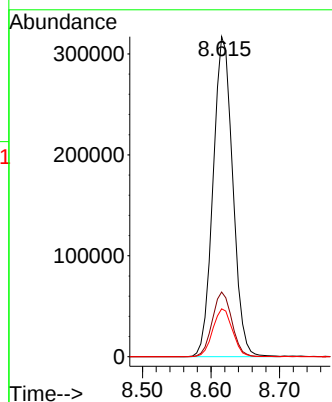
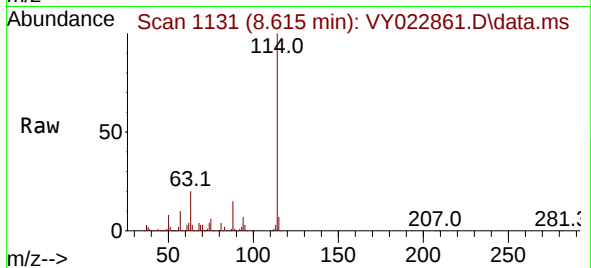




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022861.D
Acq: 27 Jun 2025 14:56

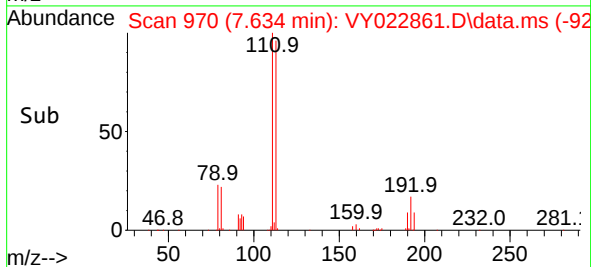
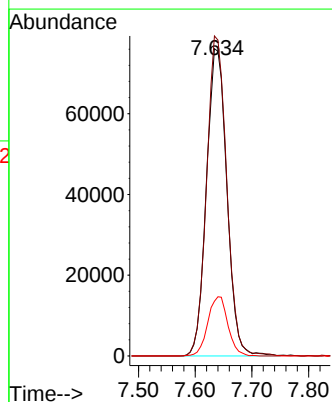
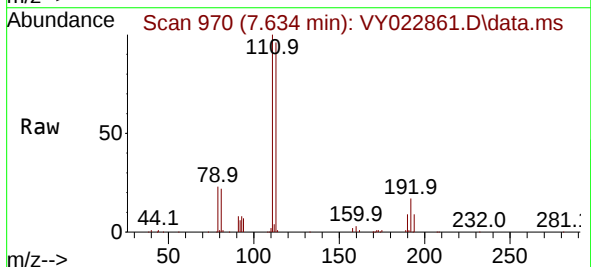
Instrument :
MSVOA_Y
ClientSampleId :
TP-83

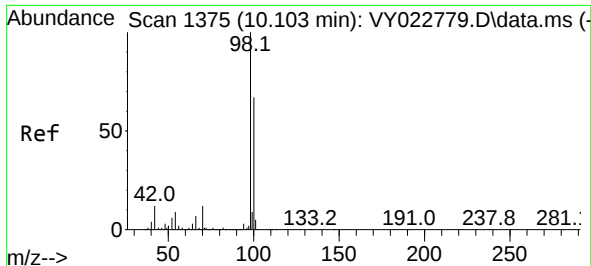
Tgt Ion:114 Resp: 630445
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 14.9 0.0 27.8



#35
Dibromofluoromethane
Concen: 49.742 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022861.D
Acq: 27 Jun 2025 14:56

Tgt Ion:113 Resp: 190715
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 18.9 14.2 21.2

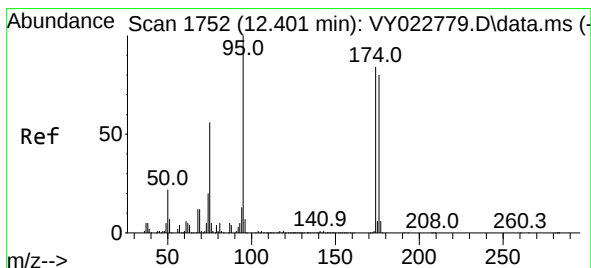
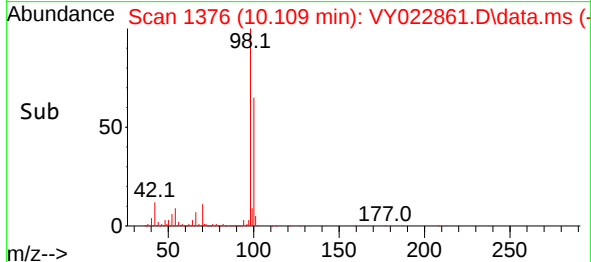
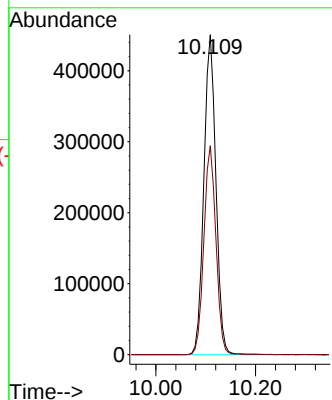
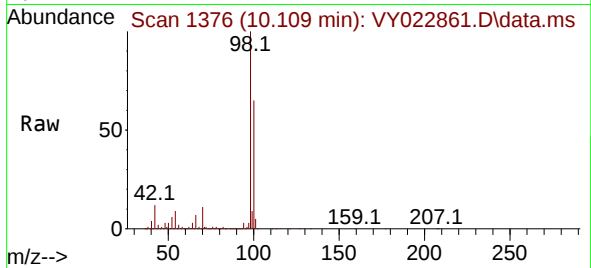




#50
Toluene-d8
Concen: 49.595 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022861.D
Acq: 27 Jun 2025 14:56

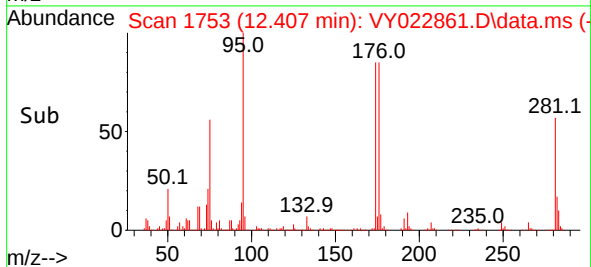
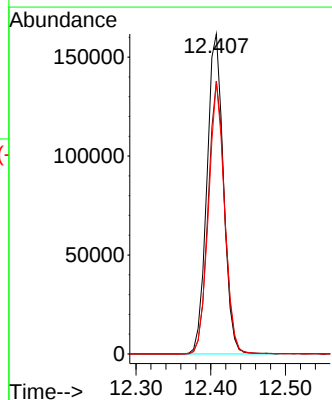
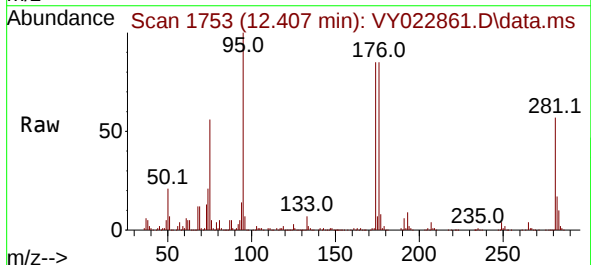
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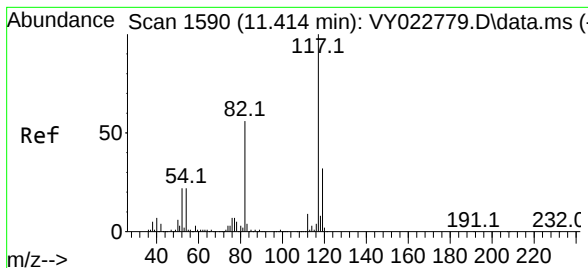
Tgt Ion: 98 Resp: 754544
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.709 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022861.D
Acq: 27 Jun 2025 14:56

Tgt Ion: 95 Resp: 248009
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.0
176 82.5 0.0 166.2

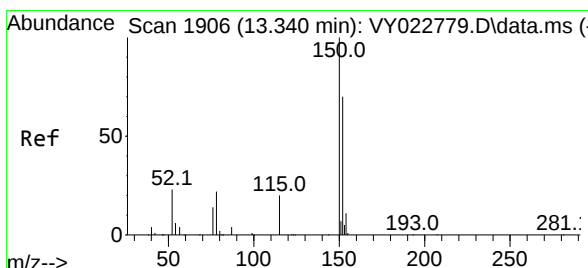
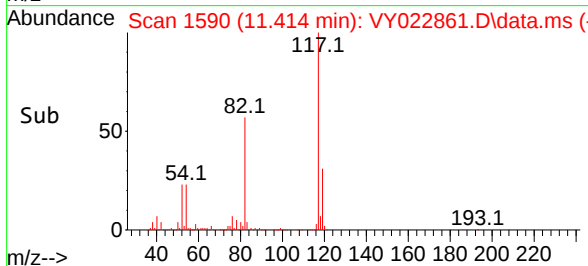
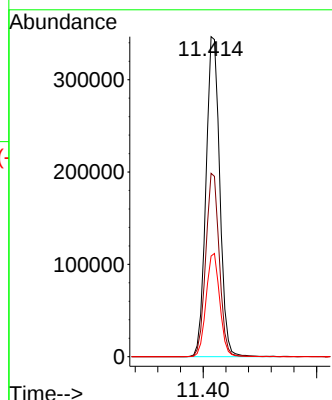
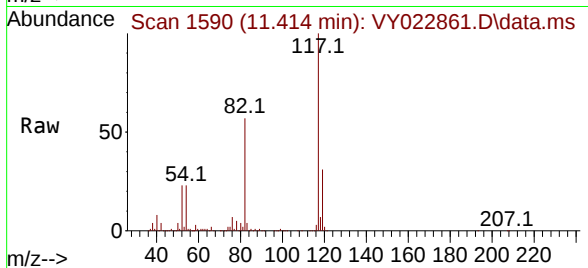




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022861.D
Acq: 27 Jun 2025 14:56

Instrument :
MSVOA_Y
ClientSampleId :
TP-83

Tgt Ion:117 Resp: 584339
Ion Ratio Lower Upper
117 100
82 57.3 44.6 66.8
119 31.5 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: VY022861.D
Acq: 27 Jun 2025 14:56

Tgt Ion:152 Resp: 232255
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.7
150 158.4 0.0 349.6

