

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023560.D
 Acq On : 24 Oct 2025 09:24
 Operator : SY/MD
 Sample : VY1024SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBL01

Quant Time: Oct 24 23:46:37 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	898566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1421897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1164716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	469443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	333317	44.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.720%
35) Dibromofluoromethane	7.634	113	425849	48.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.109	98	1553516	47.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.408	95	436342	40.620	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.240%

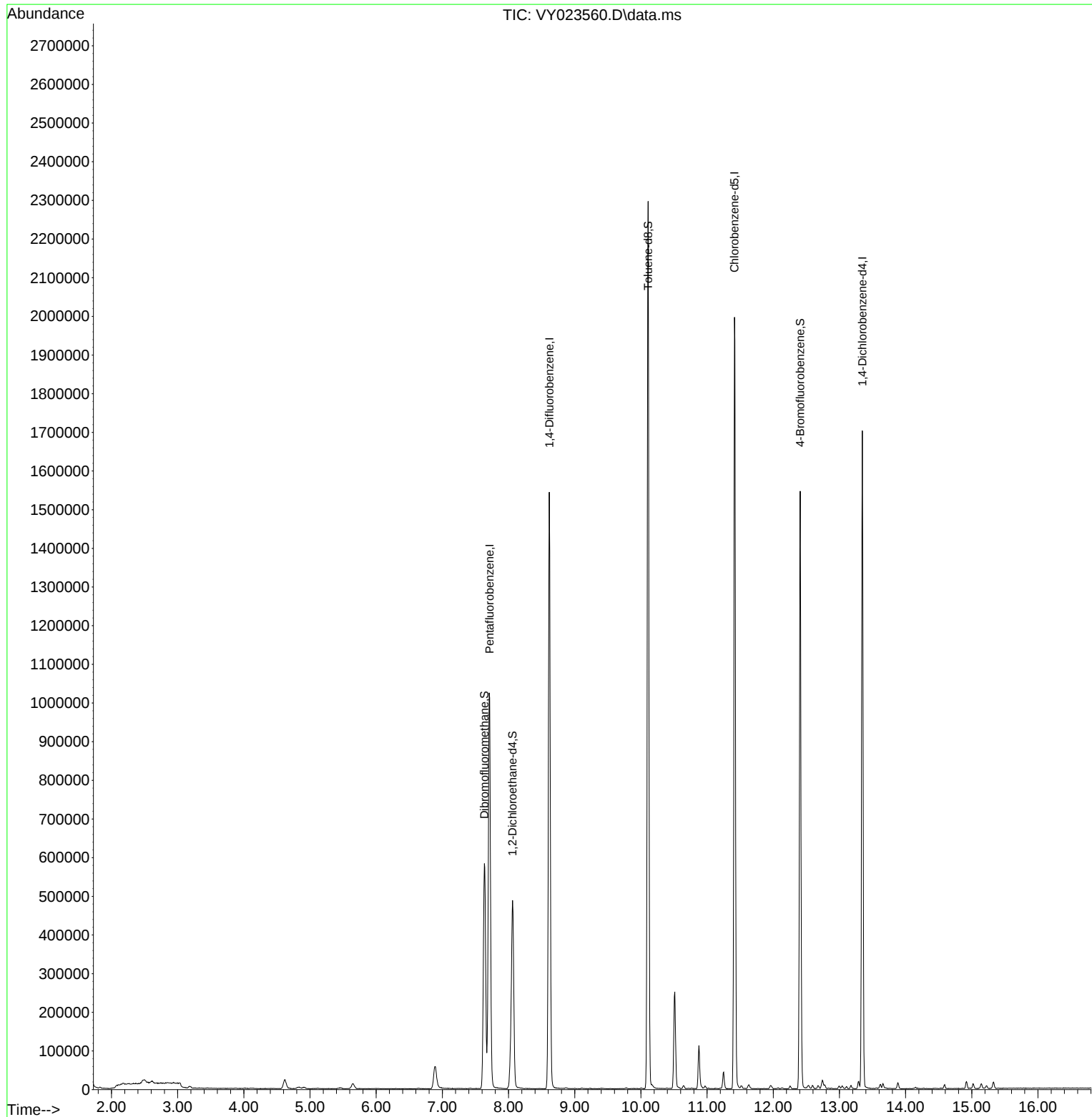
Target Compounds	Qvalue

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

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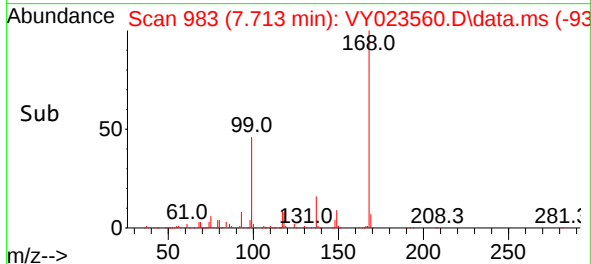
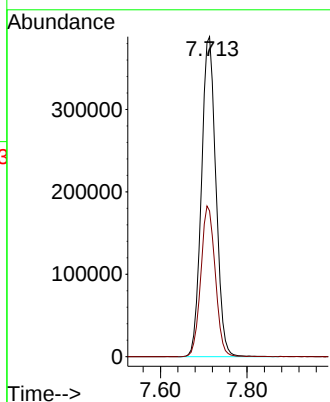
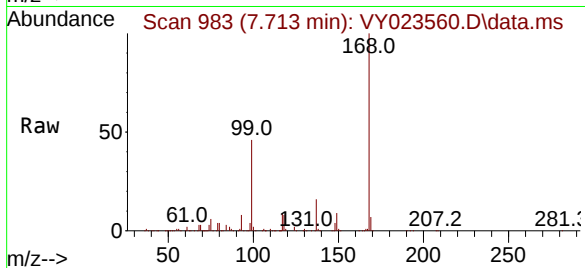




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

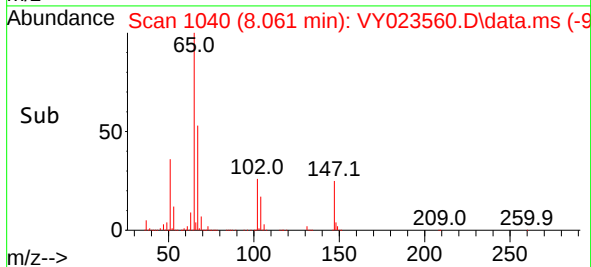
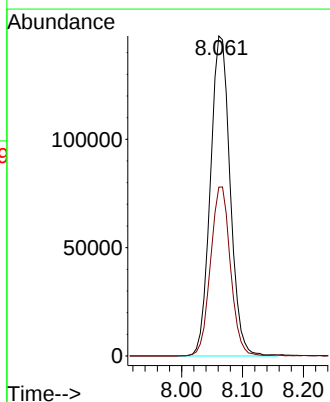
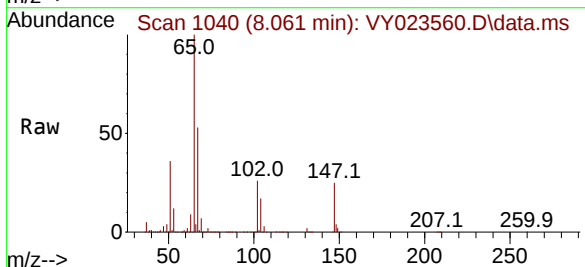
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

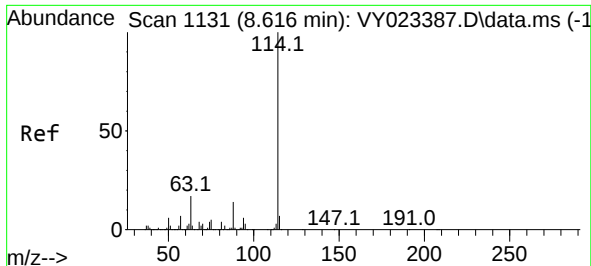
Tgt Ion:168 Resp: 898566
Ion Ratio Lower Upper
168 100
99 45.5 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 44.360 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Tgt Ion: 65 Resp: 333317
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8

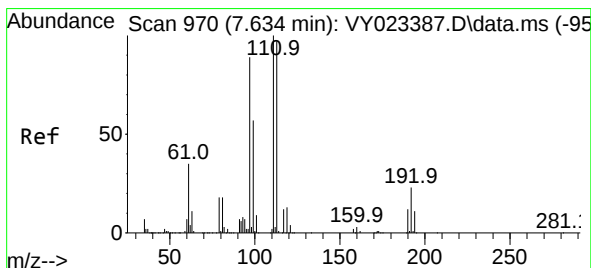
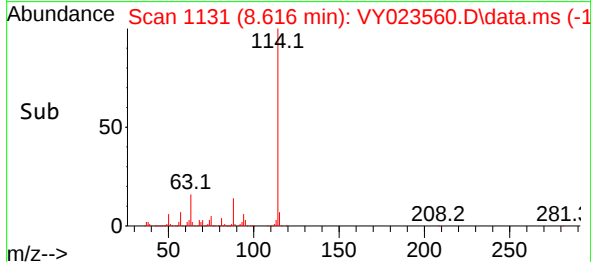
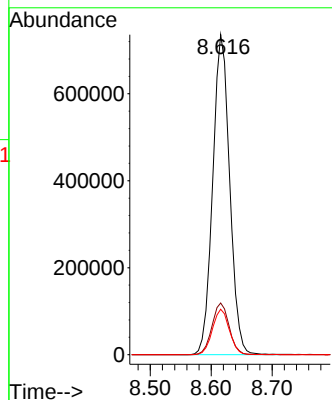
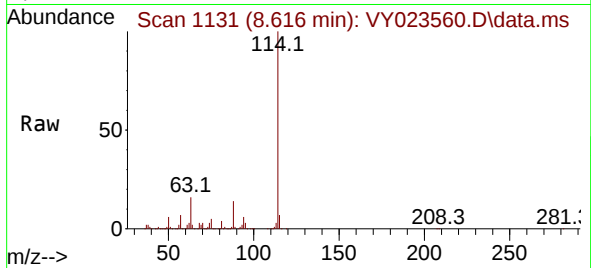




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

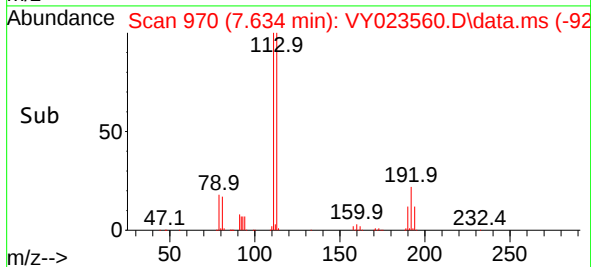
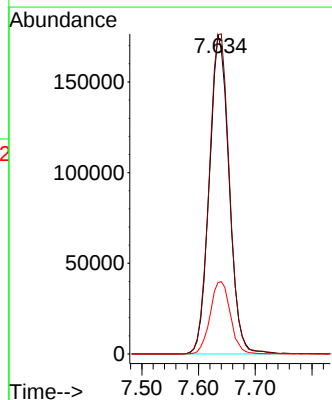
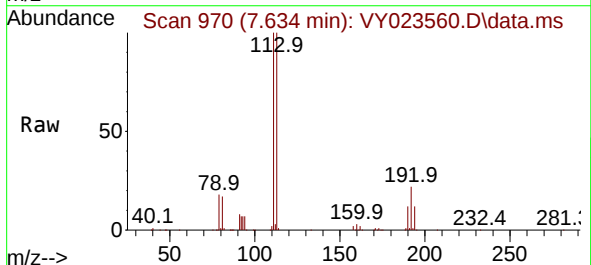
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

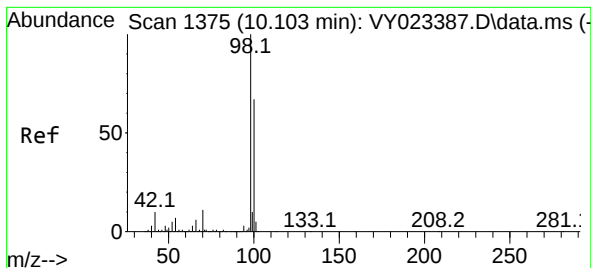
Tgt Ion:114 Resp: 1421897
Ion Ratio Lower Upper
114 100
63 16.2 0.0 34.2
88 14.2 0.0 28.4



#35
Dibromofluoromethane
Concen: 48.742 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Tgt Ion:113 Resp: 425849
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 23.1 18.0 27.0





#50

Toluene-d8

Concen: 47.746 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023560.D

Acq: 24 Oct 2025 09:24

Instrument :

MSVOA_Y

ClientSampleId :

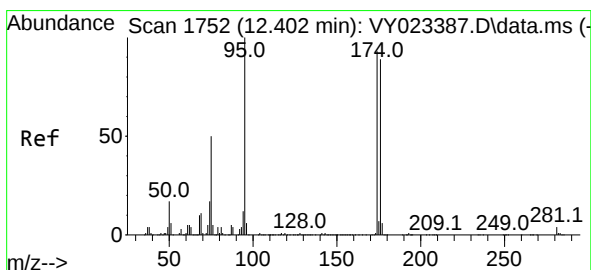
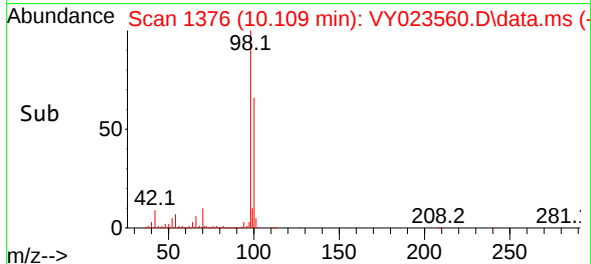
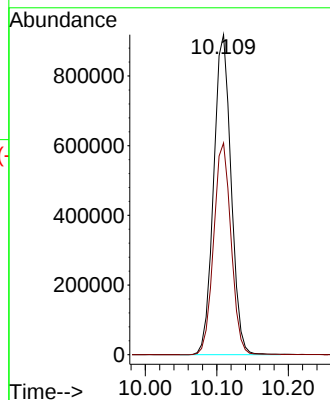
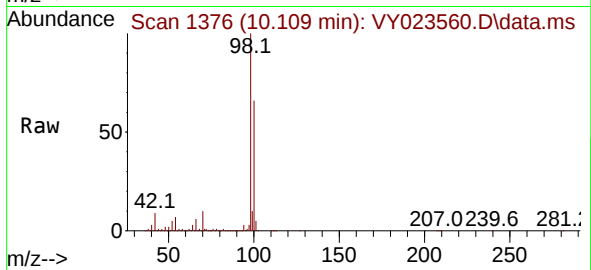
VY1024SBL01

Tgt Ion: 98 Resp: 1553516

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 40.620 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY023560.D

Acq: 24 Oct 2025 09:24

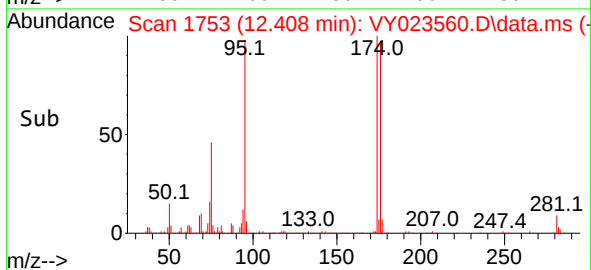
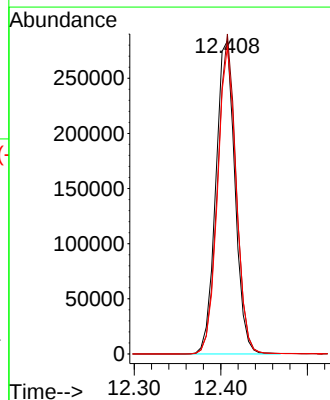
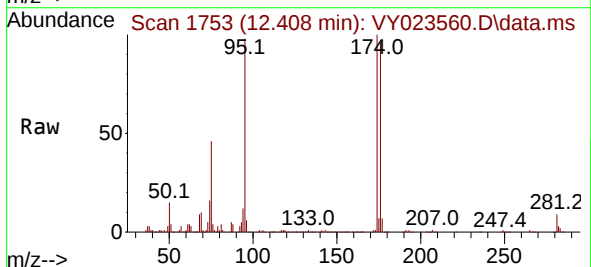
Tgt Ion: 95 Resp: 436342

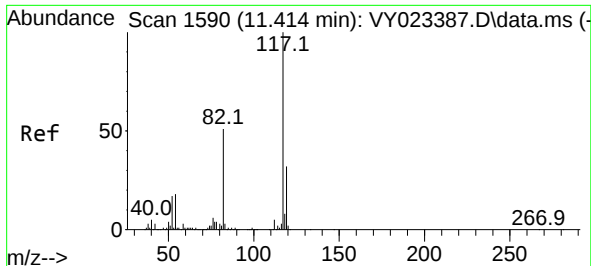
Ion Ratio Lower Upper

95 100

174 98.8 0.0 192.8

176 95.5 0.0 187.6

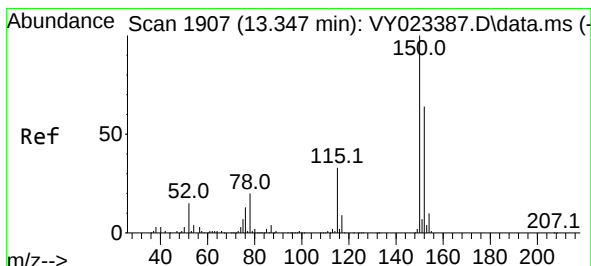
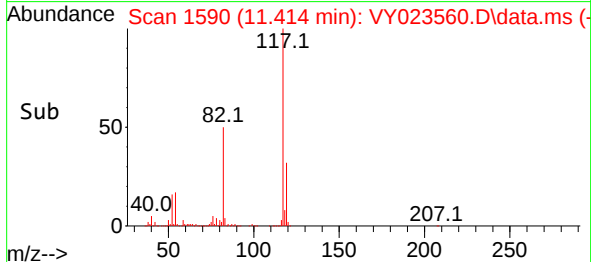
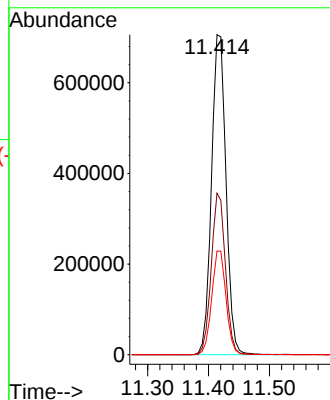
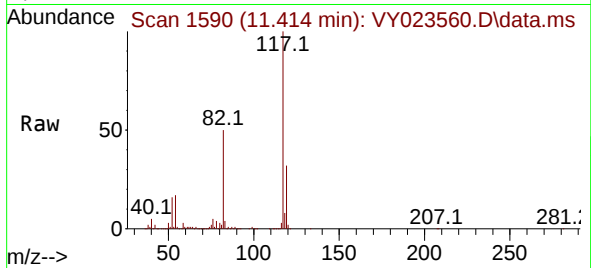




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Tgt Ion:117 Resp: 1164716
Ion Ratio Lower Upper
117 100
82 50.4 41.0 61.4
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Tgt Ion:152 Resp: 469443
Ion Ratio Lower Upper
152 100
115 53.2 27.1 81.2
150 155.8 0.0 347.4

