

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
 Data File : VY023457.D
 Acq On : 14 Oct 2025 11:56
 Operator : SY/MD
 Sample : VY1014SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBL01

Quant Time: Oct 15 03:25:28 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	564646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	1109577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1120800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	479501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	279949	59.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.580%
35) Dibromofluoromethane	7.640	113	369730	54.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.460%
50) Toluene-d8	10.109	98	1318326	51.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.407	95	436769	52.104	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.200%

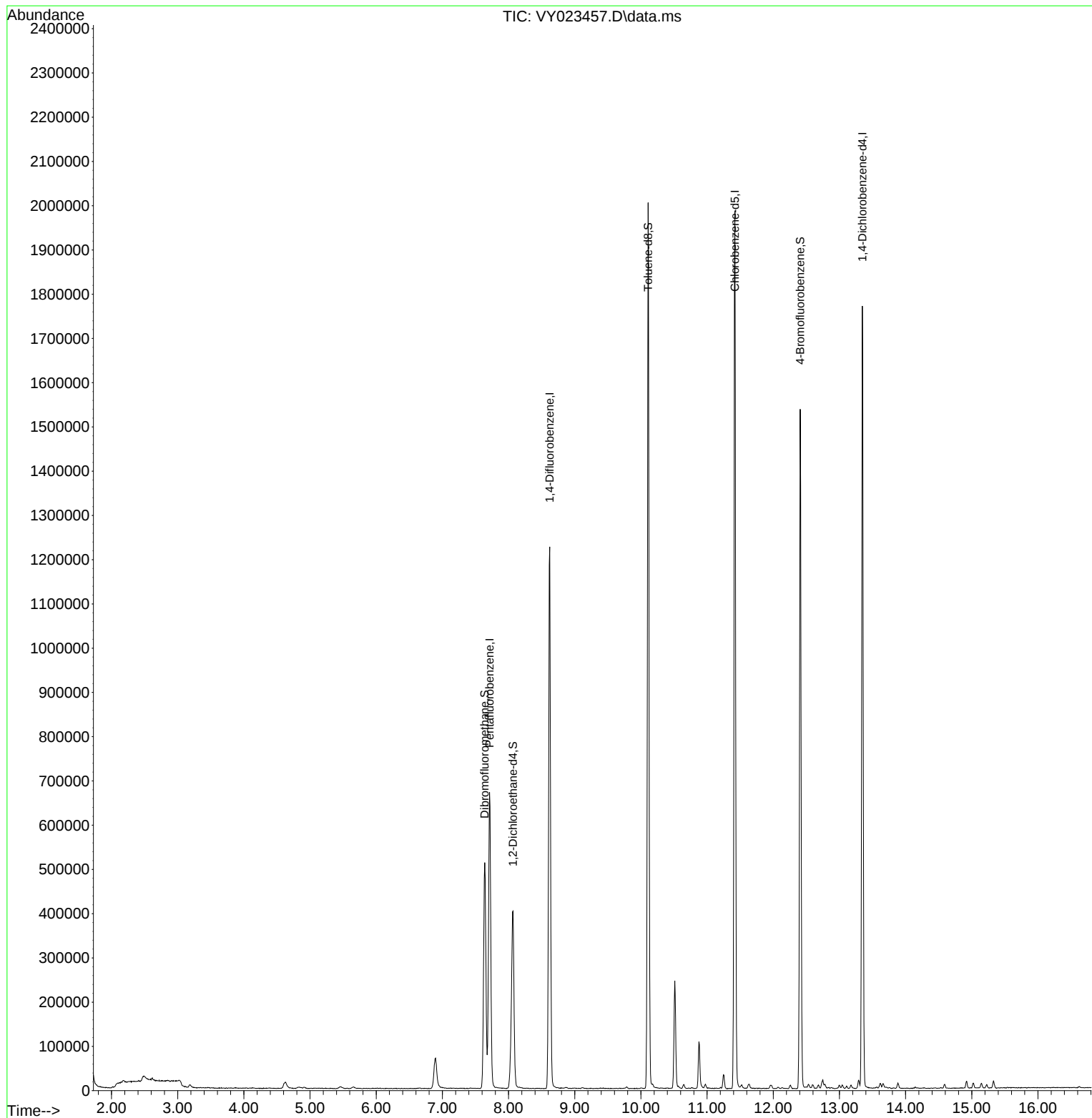
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Time: Oct 15 03:25:28 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

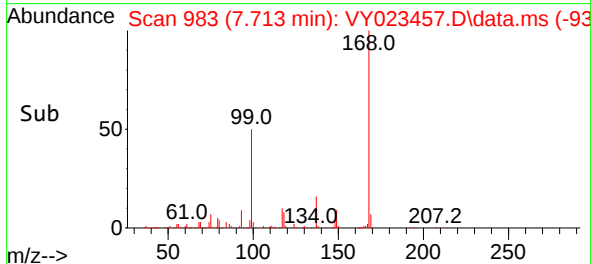
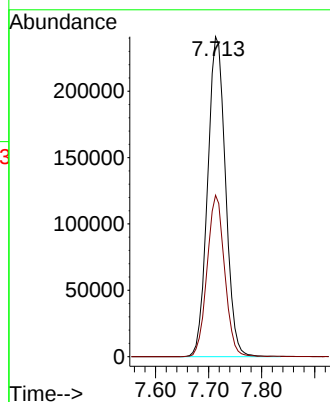
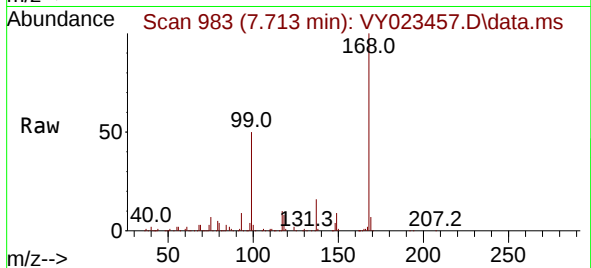




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

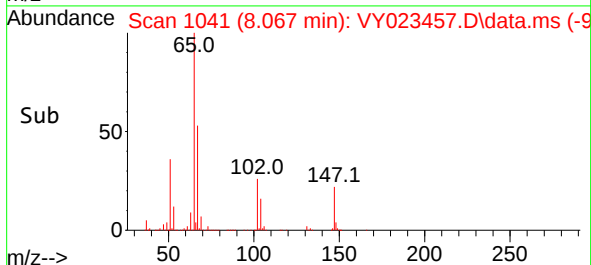
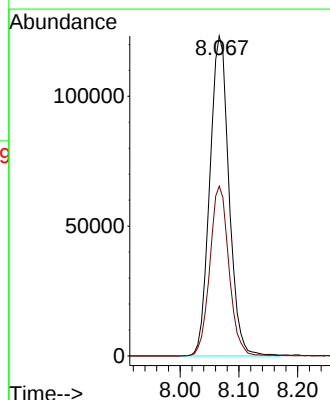
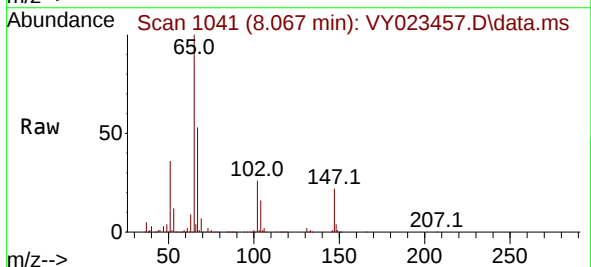
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

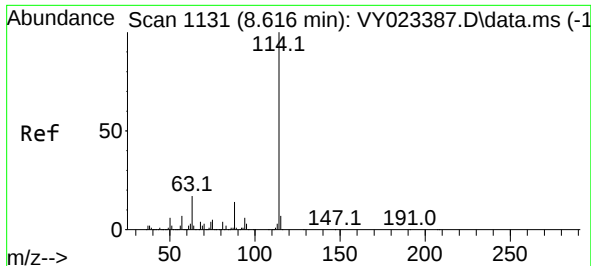
Tgt Ion:168 Resp: 564646
Ion Ratio Lower Upper
168 100
99 50.4 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 59.290 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion: 65 Resp: 279949
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023457.D

Acq: 14 Oct 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBL01

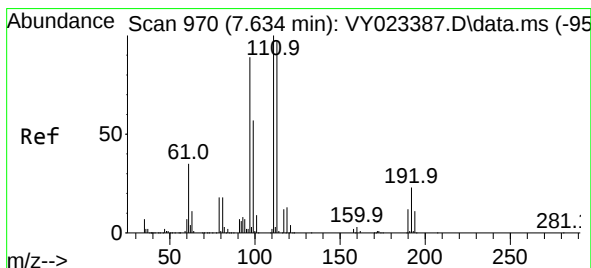
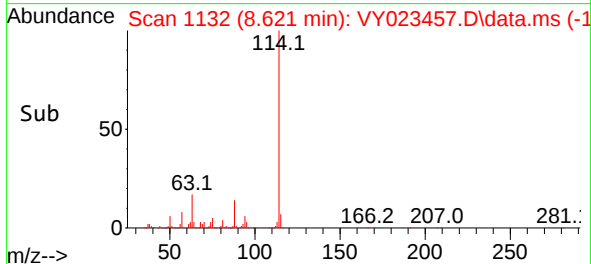
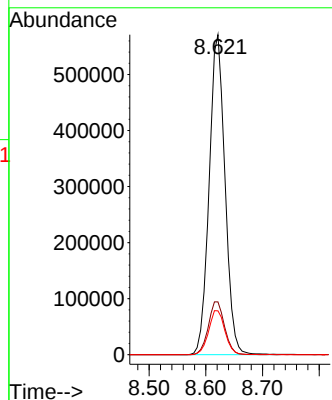
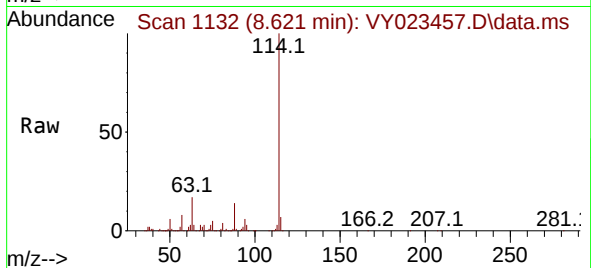
Tgt Ion:114 Resp: 1109577

Ion Ratio Lower Upper

114 100

63 16.5 0.0 34.2

88 13.7 0.0 28.4



#35

Dibromofluoromethane

Concen: 54.230 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023457.D

Acq: 14 Oct 2025 11:56

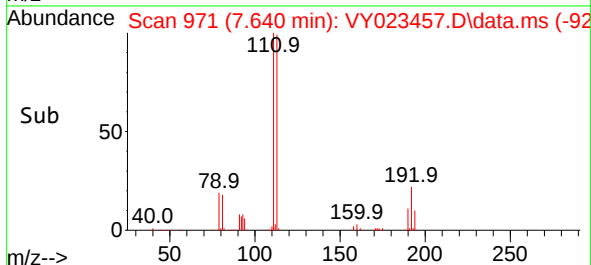
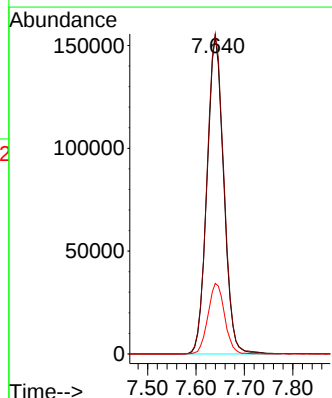
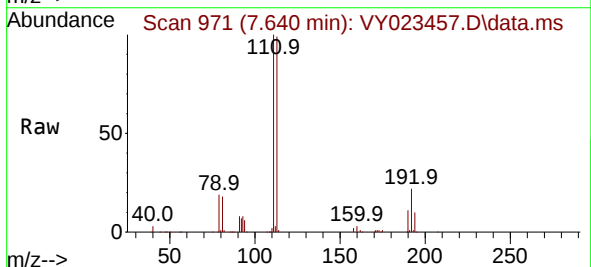
Tgt Ion:113 Resp: 369730

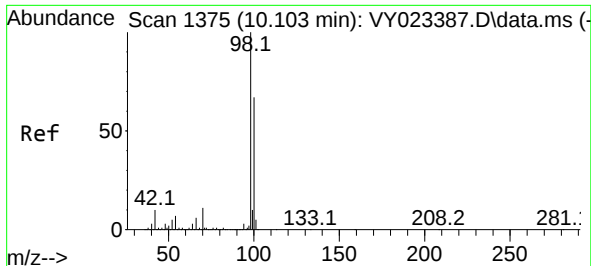
Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

192 22.2 18.0 27.0

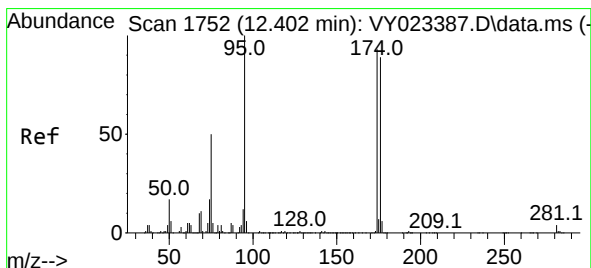
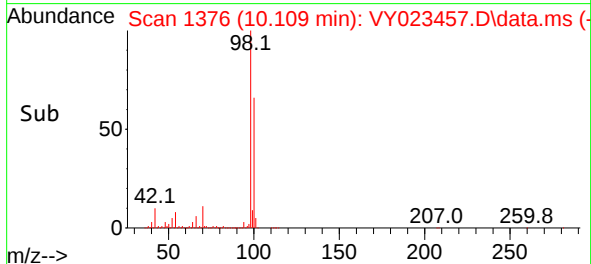
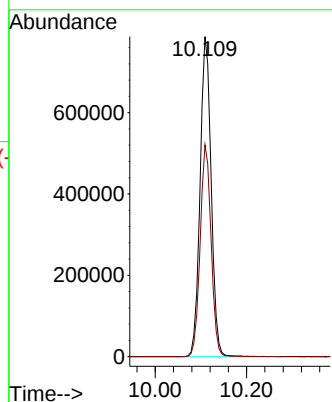
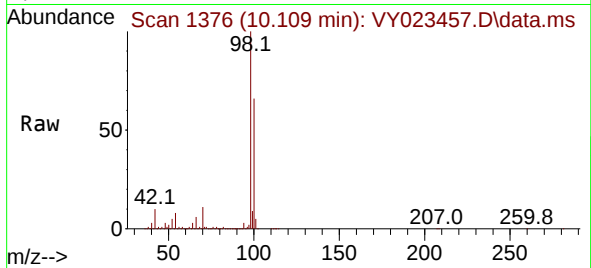




#50
Toluene-d8
Concen: 51.923 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

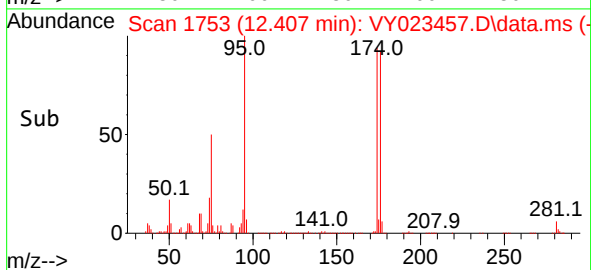
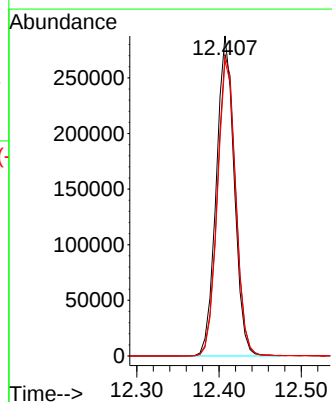
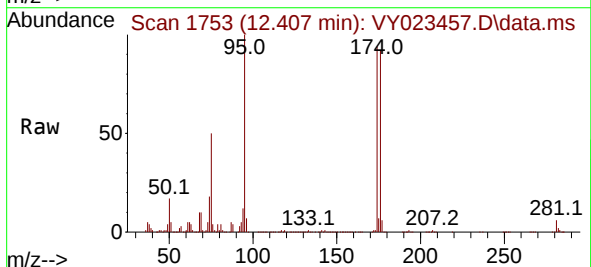
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

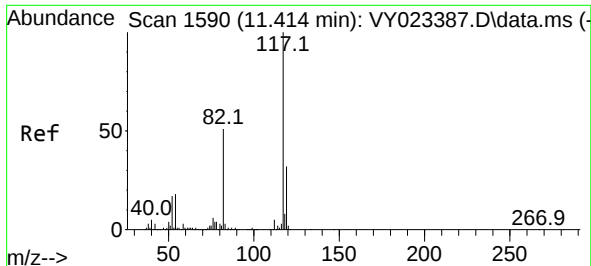
Tgt Ion: 98 Resp: 1318326
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.104 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion: 95 Resp: 436769
Ion Ratio Lower Upper
95 100
174 96.7 0.0 192.8
176 93.6 0.0 187.6

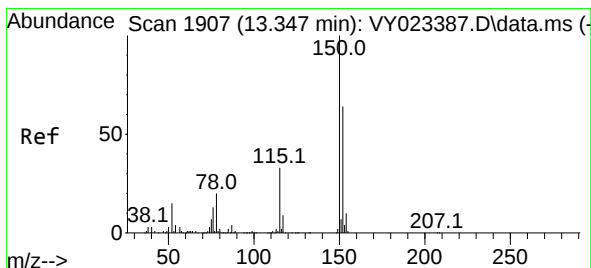
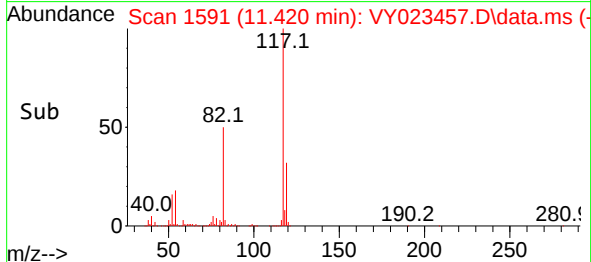
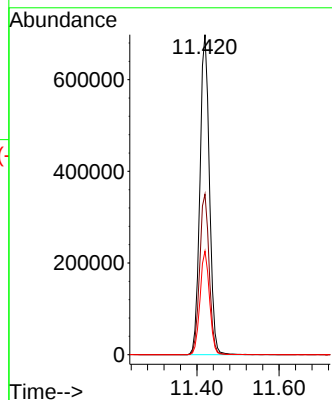
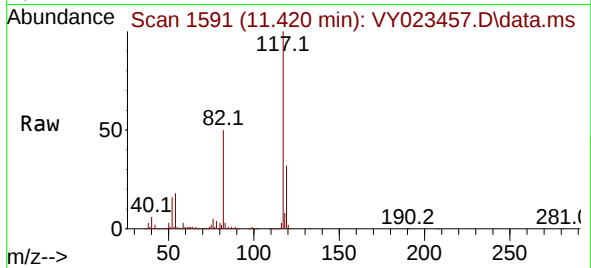




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tgt Ion:117 Resp: 1120800
Ion Ratio Lower Upper
117 100
82 50.1 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: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion:152 Resp: 479501
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.2
150 156.3 0.0 347.4

