

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
 Data File : VY023404.D
 Acq On : 08 Oct 2025 15:49
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Oct 09 03:13:12 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	7.707	168	604528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1184583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1122233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	469203	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	291196	57.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.200%
35) Dibromofluoromethane	7.634	113	388166	53.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.660%
50) Toluene-d8	10.109	98	1407977	51.942	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.408	95	429914	48.039	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.080%

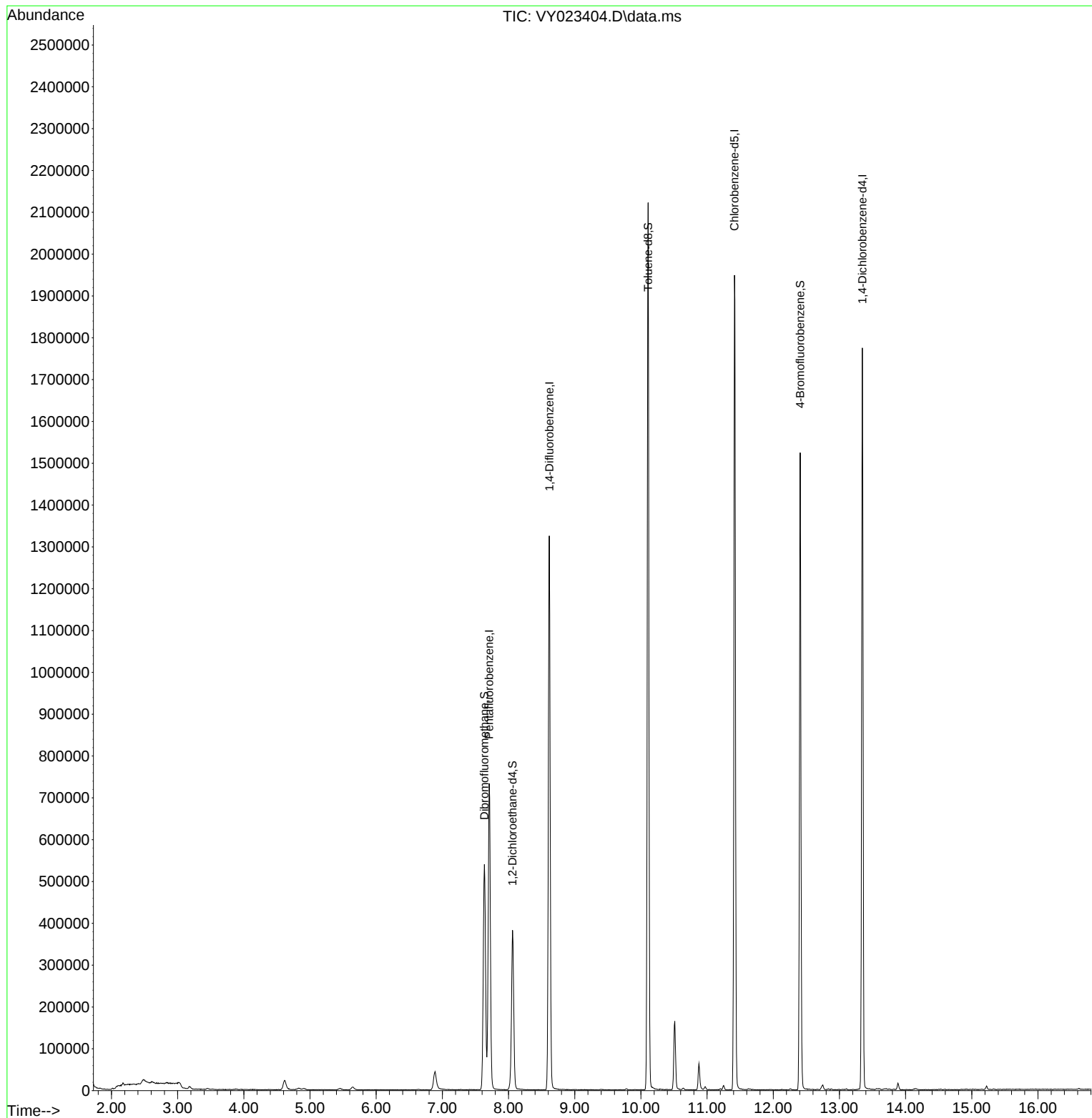
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
Data File : VY023404.D
Acq On : 08 Oct 2025 15:49
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Oct 09 03:13:12 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

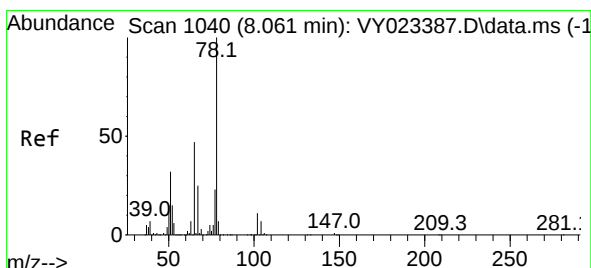
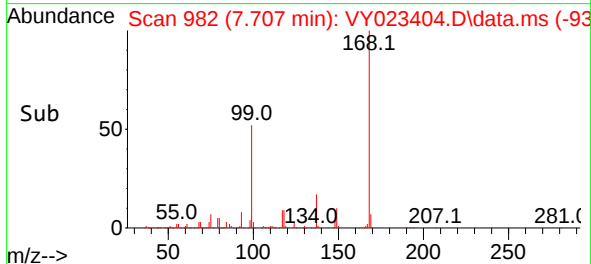
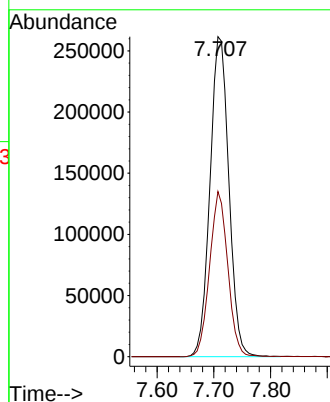
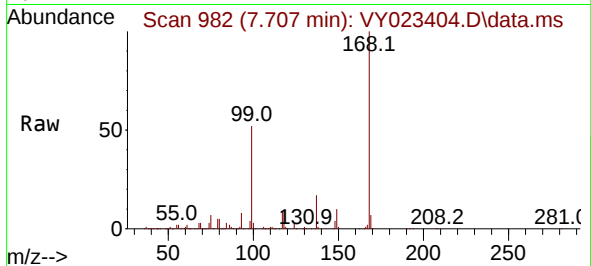




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

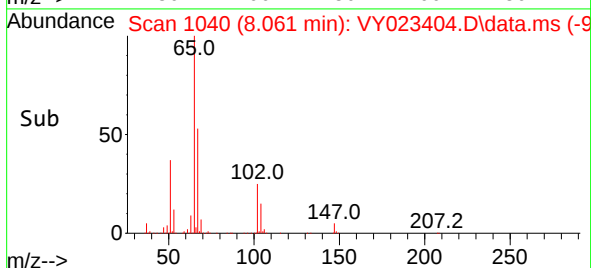
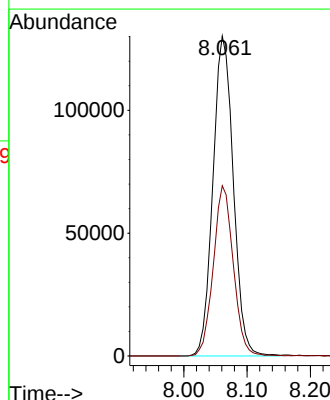
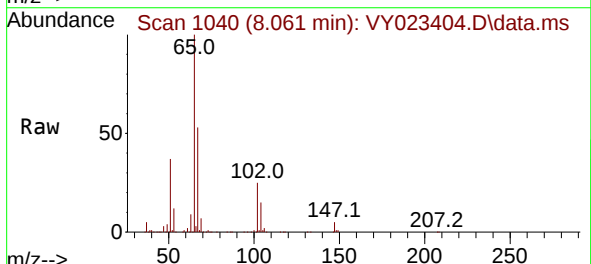
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

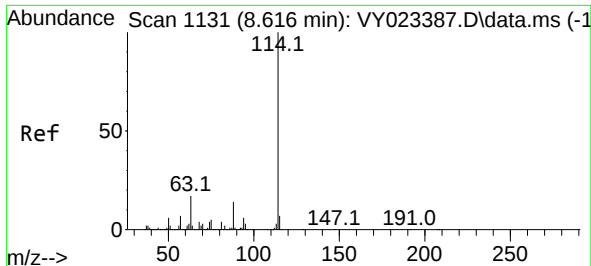
Tgt Ion:168 Resp: 604528
Ion Ratio Lower Upper
168 100
99 51.6 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 57.604 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion: 65 Resp: 291196
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8

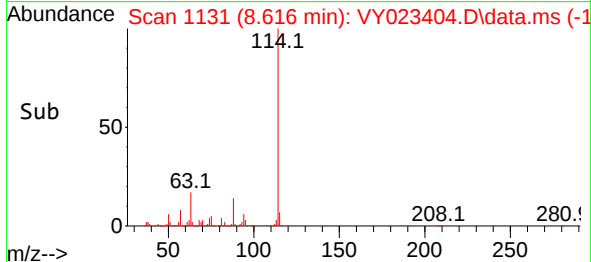
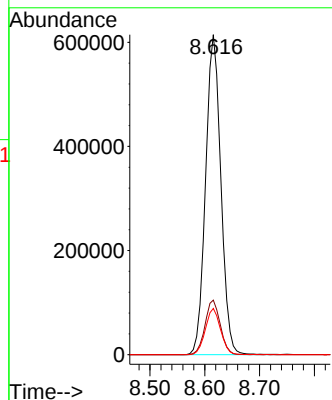
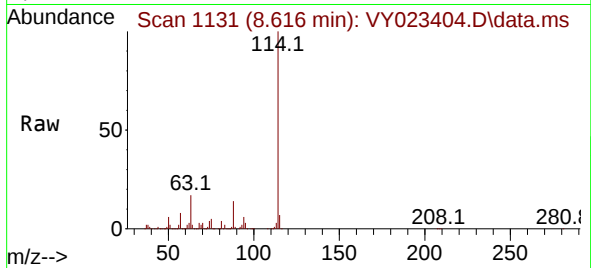




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

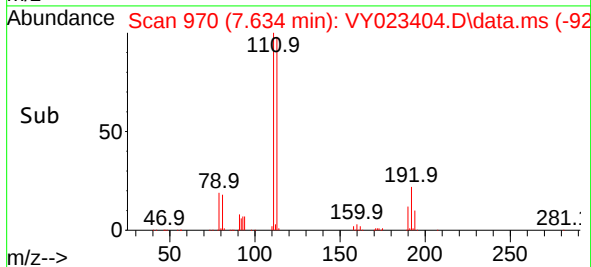
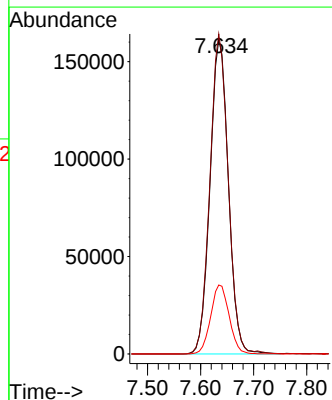
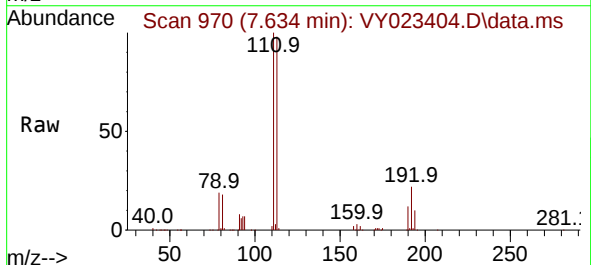
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

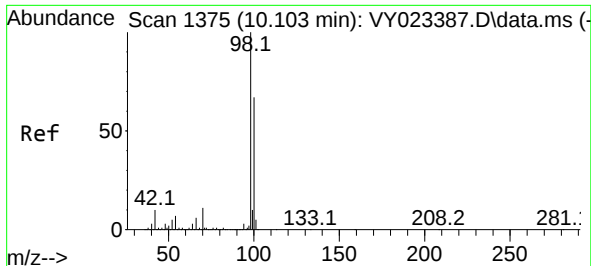
Tgt Ion:114 Resp: 1184583
Ion Ratio Lower Upper
114 100
63 17.0 0.0 34.2
88 14.5 0.0 28.4



#35
Dibromofluoromethane
Concen: 53.329 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion:113 Resp: 388166
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 22.0 18.0 27.0

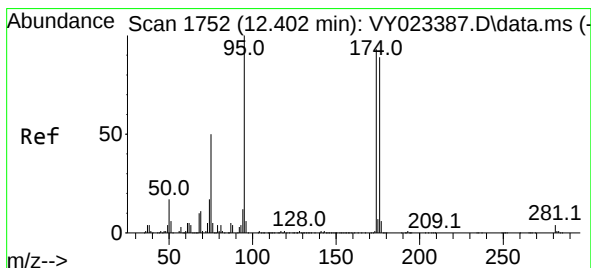
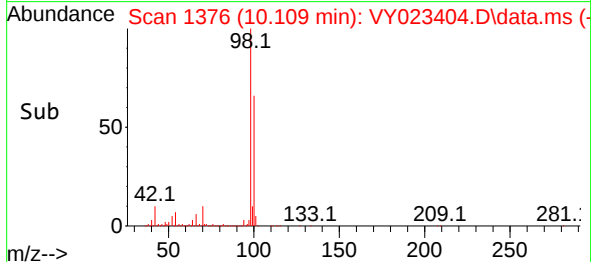
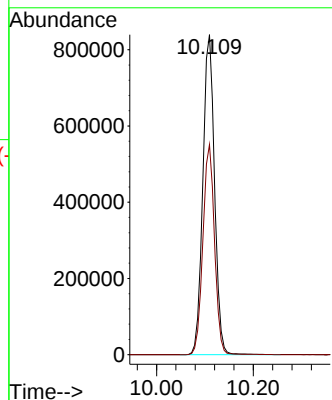
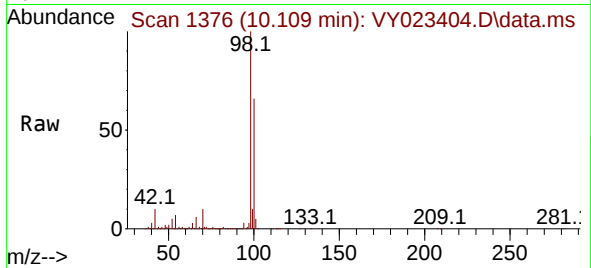




#50
Toluene-d8
Concen: 51.942 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

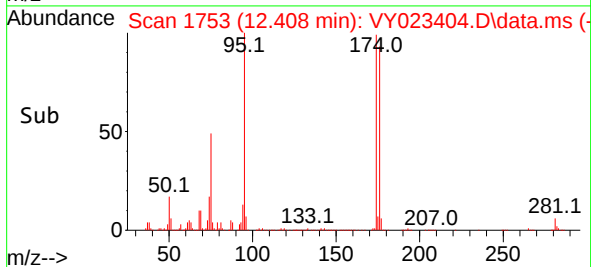
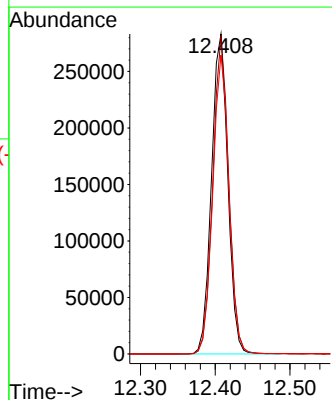
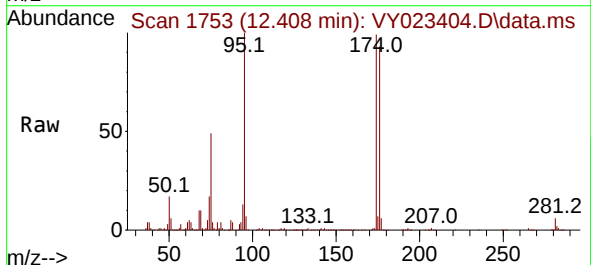
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

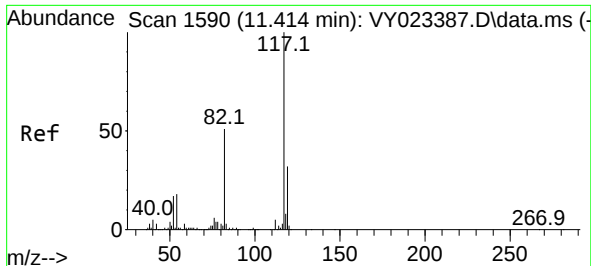
Tgt Ion: 98 Resp: 1407977
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.039 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion: 95 Resp: 429914
Ion Ratio Lower Upper
95 100
174 97.2 0.0 192.8
176 92.7 0.0 187.6

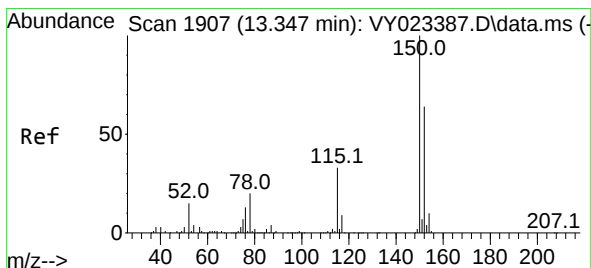
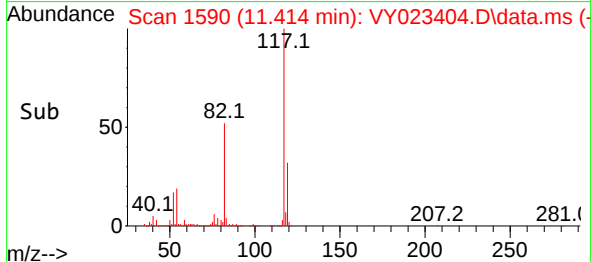
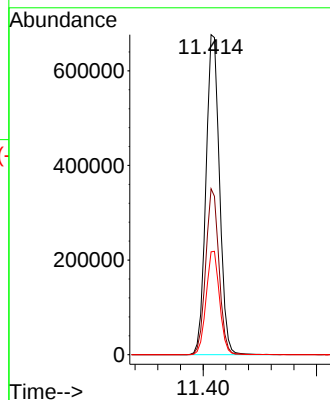
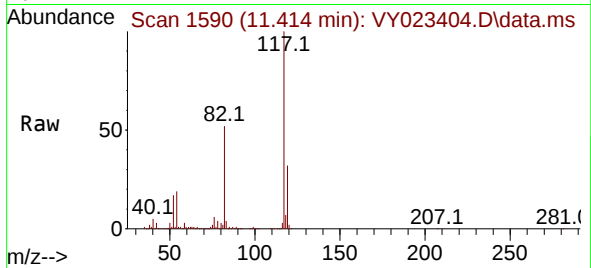




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1122233
Ion Ratio Lower Upper
117 100
82 51.9 41.0 61.4
119 32.2 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: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion:152 Resp: 469203
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.2
150 156.2 0.0 347.4

