

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
 Data File : VY023390.D
 Acq On : 07 Oct 2025 13:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Oct 08 05:15:21 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	647876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1192763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1149875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	542362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	298207	55.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.634	113	384727	52.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.980%
50) Toluene-d8	10.103	98	1383132	50.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.401	95	485073	53.831	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.660%

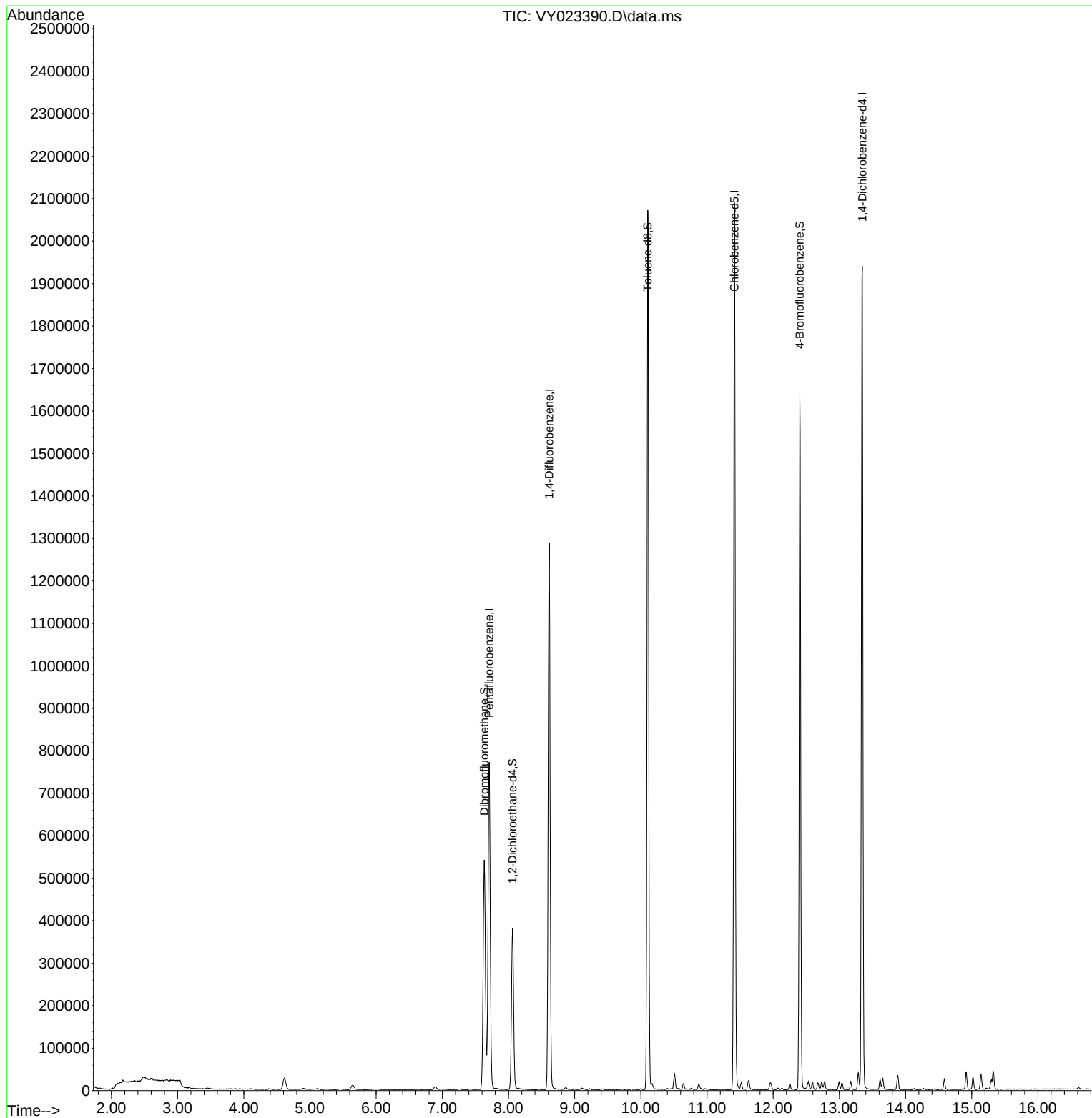
Target Compounds	Qvalue

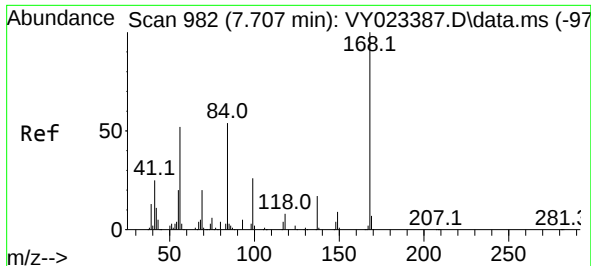
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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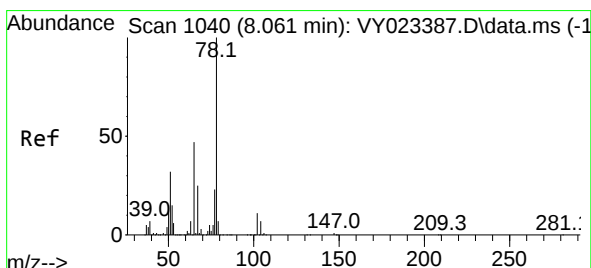
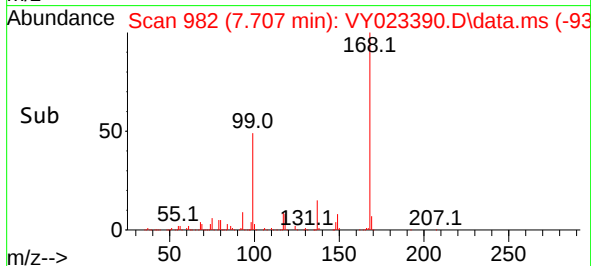
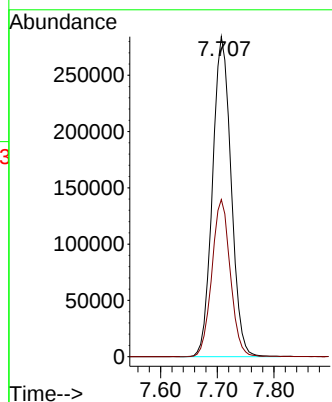
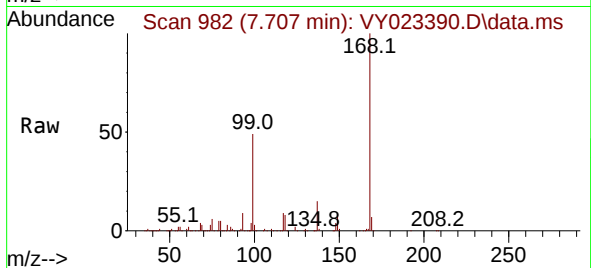




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023390.D
Acq: 07 Oct 2025 13:02

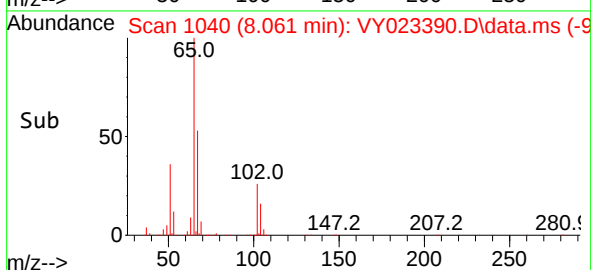
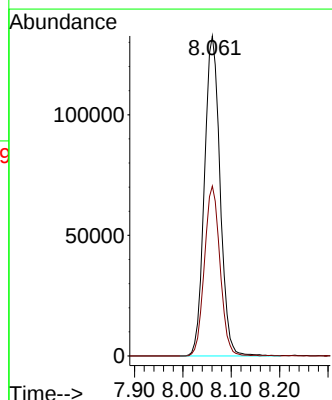
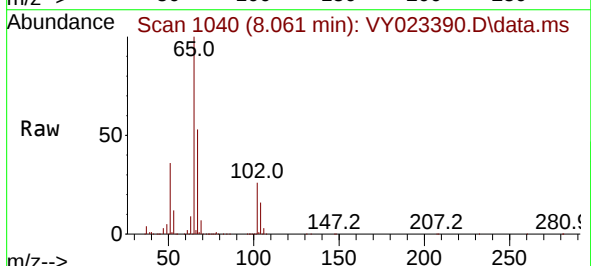
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

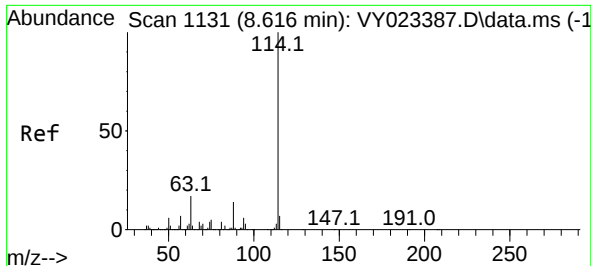
Tgt Ion:168 Resp: 647876
Ion Ratio Lower Upper
168 100
99 49.1 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 55.044 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023390.D
Acq: 07 Oct 2025 13:02

Tgt Ion: 65 Resp: 298207
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8

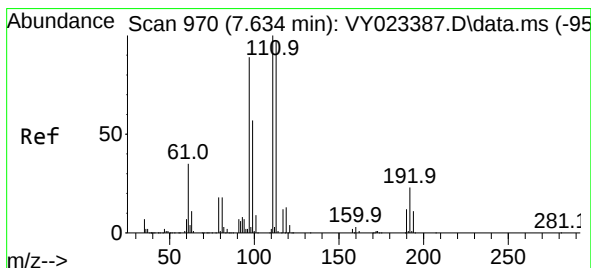
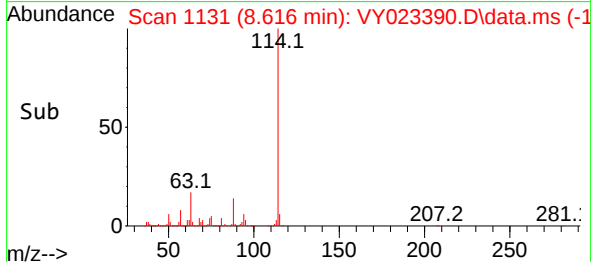
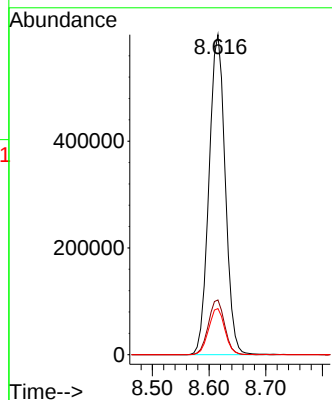
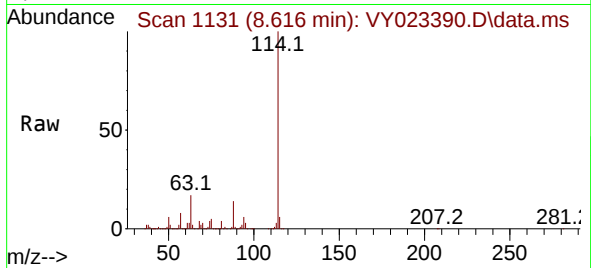




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023390.D
Acq: 07 Oct 2025 13:02

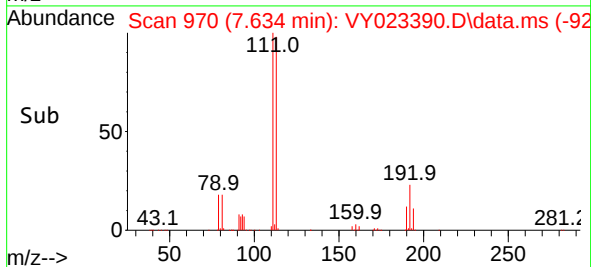
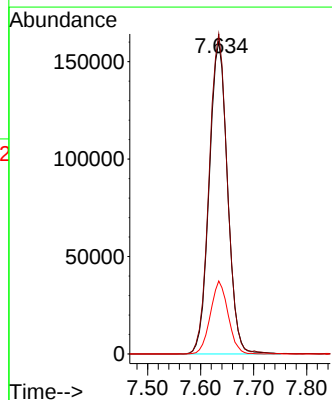
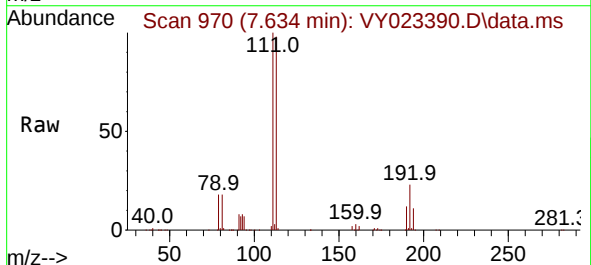
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

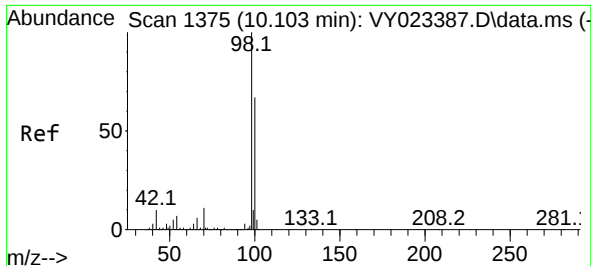
Tgt Ion:114 Resp: 1192763
Ion Ratio Lower Upper
114 100
63 17.1 0.0 34.2
88 14.4 0.0 28.4



#35
Dibromofluoromethane
Concen: 52.494 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023390.D
Acq: 07 Oct 2025 13:02

Tgt Ion:113 Resp: 384727
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 22.6 18.0 27.0

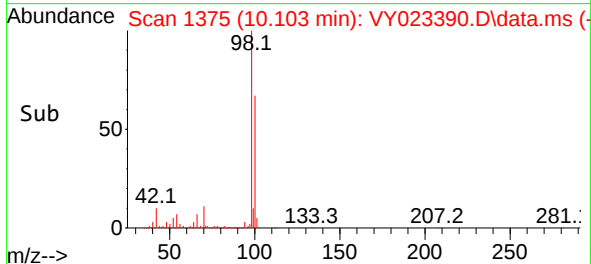
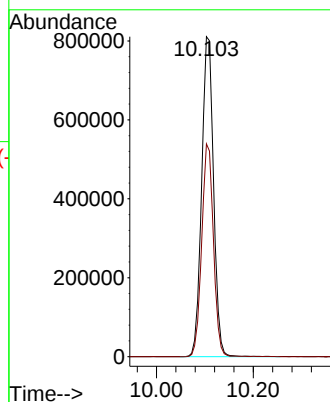
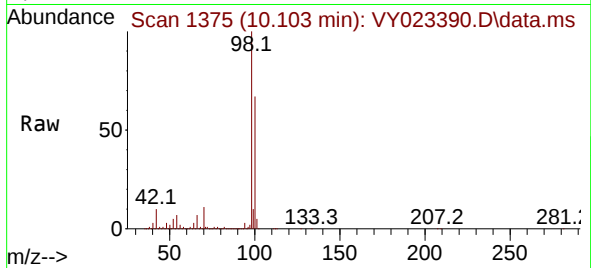




#50
Toluene-d8
Concen: 50.676 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023390.D
Acq: 07 Oct 2025 13:02

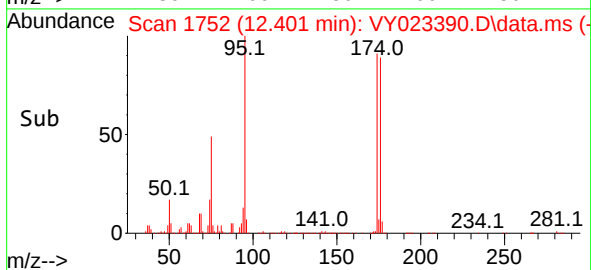
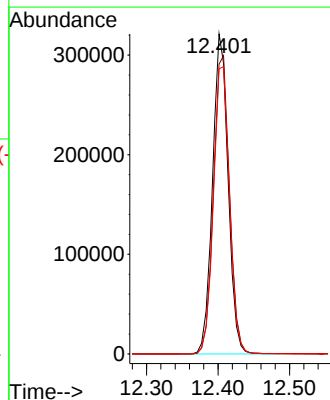
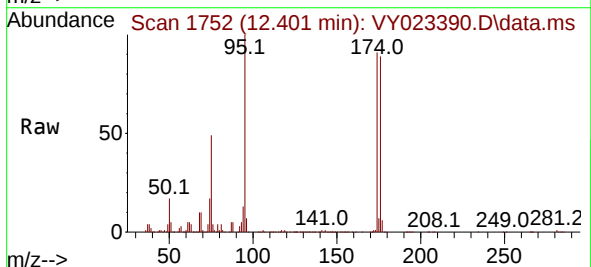
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

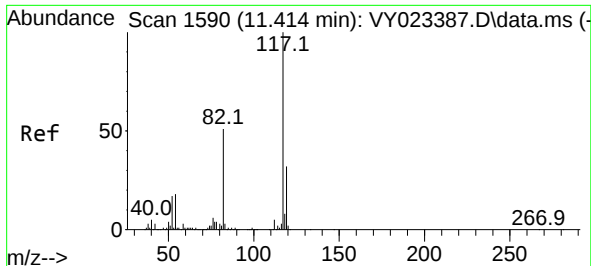
Tgt Ion: 98 Resp: 1383132
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.831 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023390.D
Acq: 07 Oct 2025 13:02

Tgt Ion: 95 Resp: 485073
Ion Ratio Lower Upper
95 100
174 96.1 0.0 192.8
176 93.1 0.0 187.6

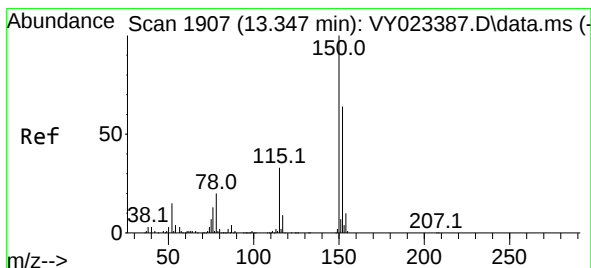
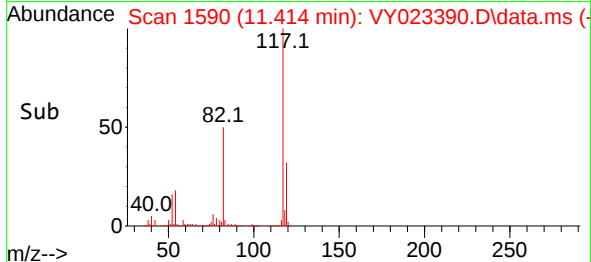
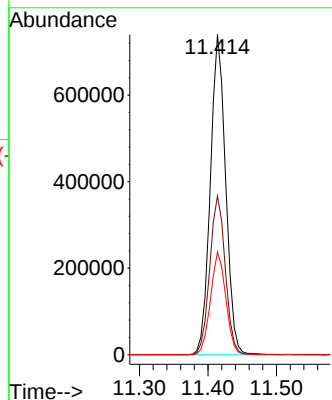
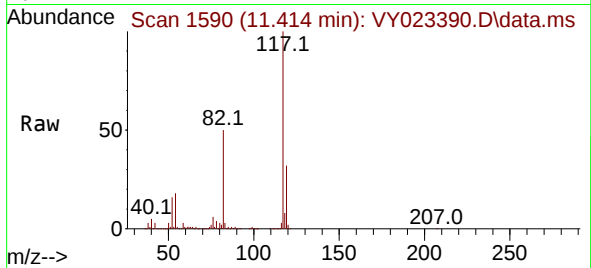




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023390.D
Acq: 07 Oct 2025 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1149875
Ion Ratio Lower Upper
117 100
82 49.6 41.0 61.4
119 32.1 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: VY023390.D
Acq: 07 Oct 2025 13:02

Tgt Ion:152 Resp: 542362
Ion Ratio Lower Upper
152 100
115 54.0 27.1 81.2
150 156.3 0.0 347.4

