

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
 Data File : VY022933.D
 Acq On : 03 Jul 2025 11:29
 Operator : SY/MD
 Sample : Q2493-03
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-11-VOC

Quant Time: Jul 04 03:17:24 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	296955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	566337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	551288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	230642	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	177819	53.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.300%
35) Dibromofluoromethane	7.634	113	183005	53.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.260%
50) Toluene-d8	10.109	98	691598	50.603	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.408	95	238448	54.273	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.540%

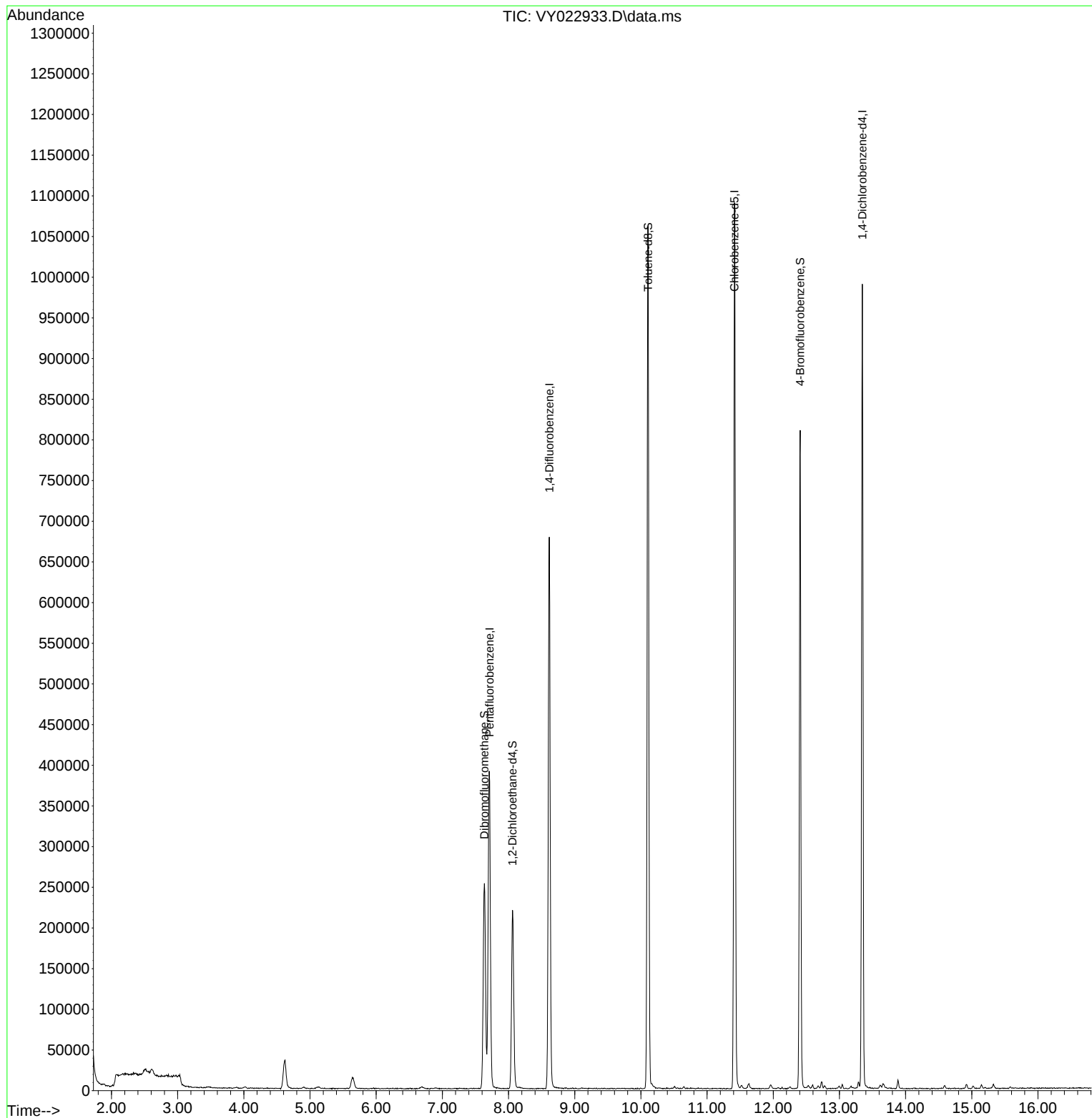
Target Compounds	Qvalue

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

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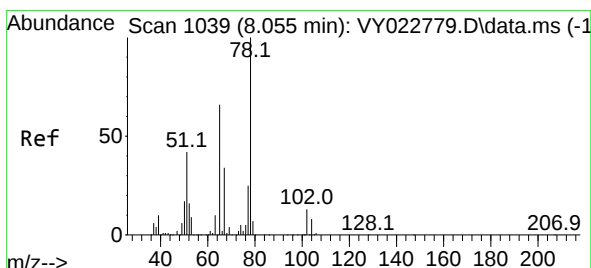
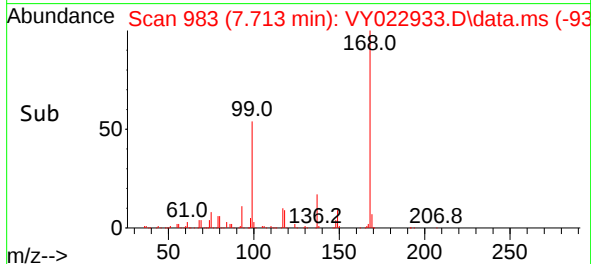
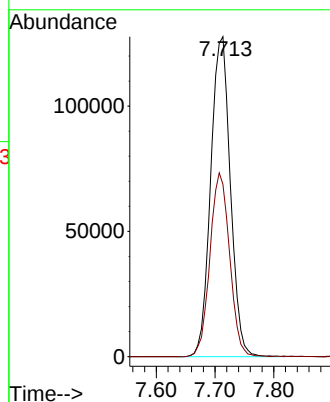
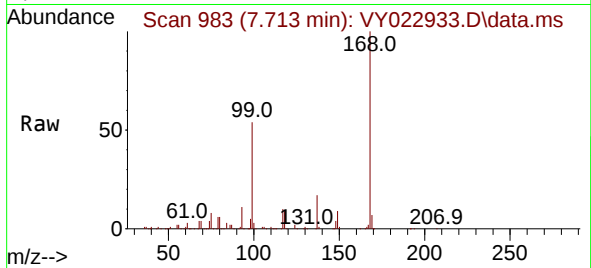




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022933.D
Acq: 03 Jul 2025 11:29

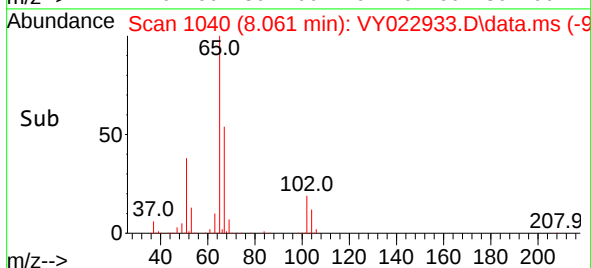
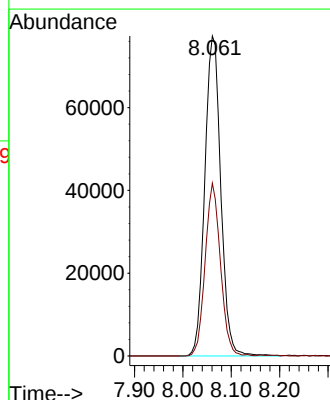
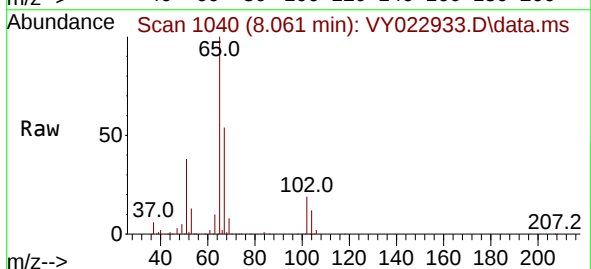
Instrument :
MSVOA_Y
ClientSampleId :
WC-11-VOC

Tgt Ion:168 Resp: 296955
Ion Ratio Lower Upper
168 100
99 53.9 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 53.652 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022933.D
Acq: 03 Jul 2025 11:29

Tgt Ion: 65 Resp: 177819
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4

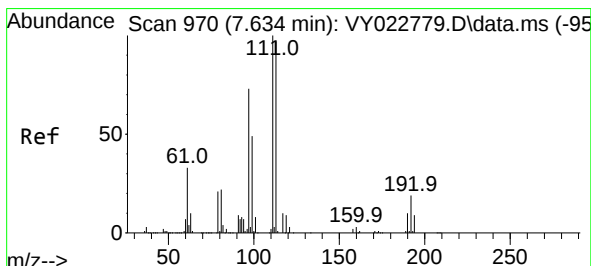
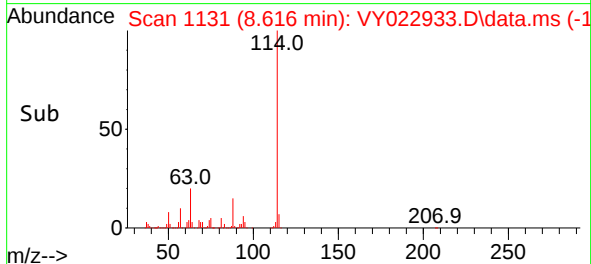
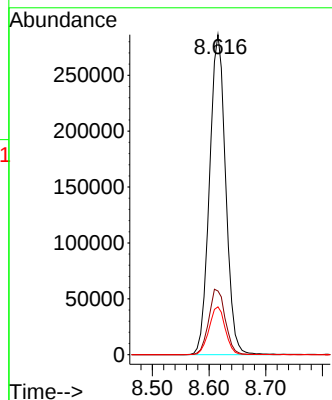
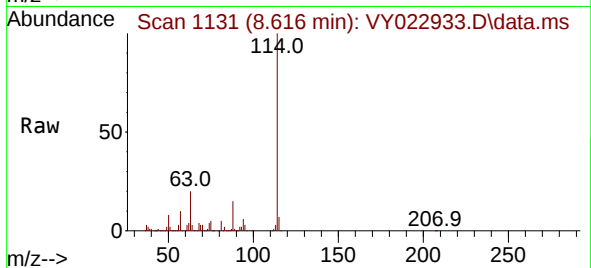




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY022933.D
Acq: 03 Jul 2025 11:29

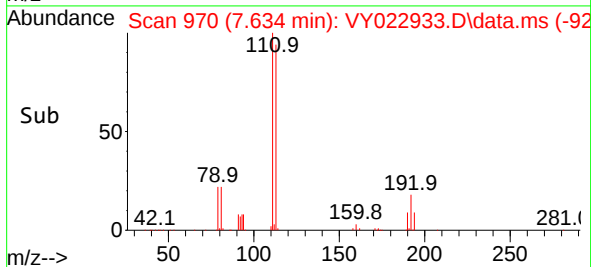
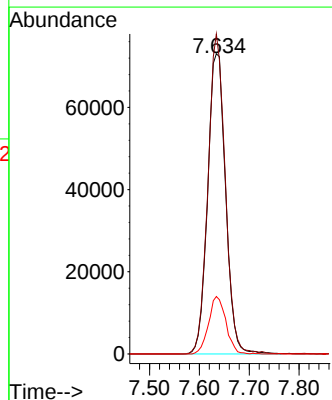
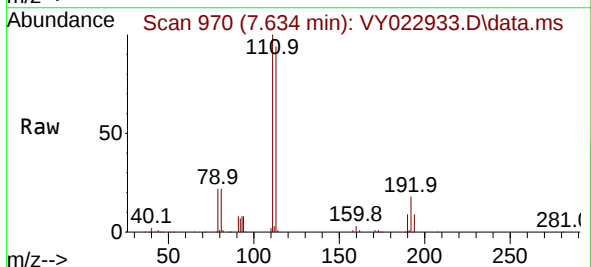
Instrument :
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ClientSampleId :
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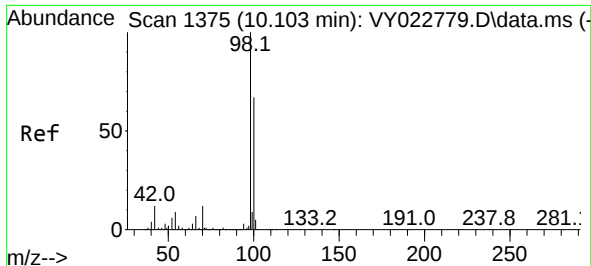
Tgt Ion:114 Resp: 566337
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.0 0.0 27.8



#35
Dibromofluoromethane
Concen: 53.134 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022933.D
Acq: 03 Jul 2025 11:29

Tgt Ion:113 Resp: 183005
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 18.4 14.2 21.2

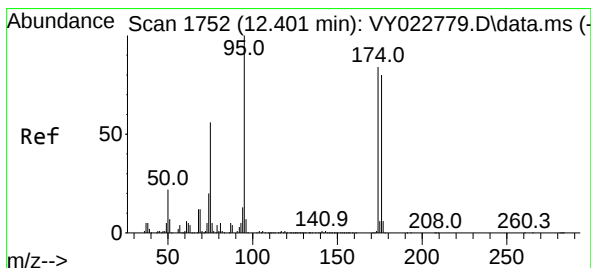
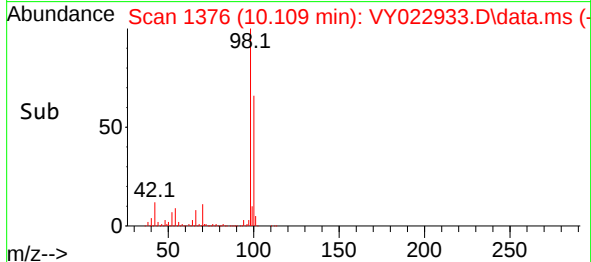
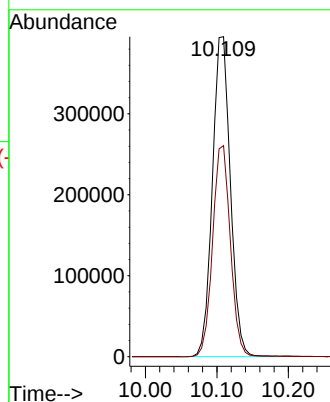
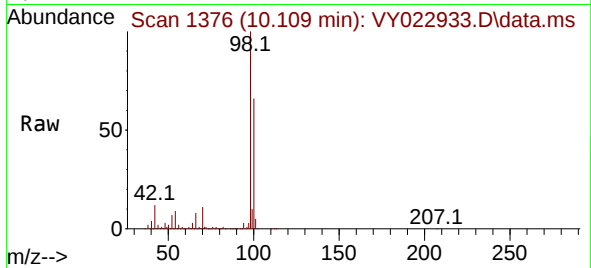




#50
Toluene-d8
Concen: 50.603 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022933.D
Acq: 03 Jul 2025 11:29

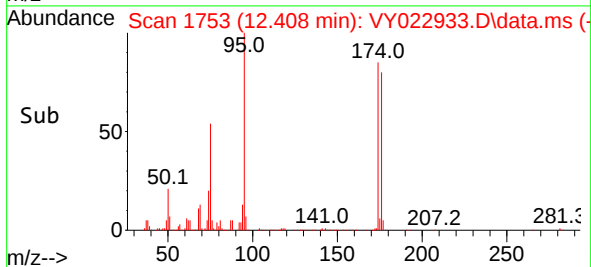
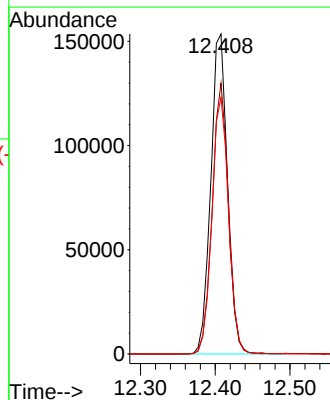
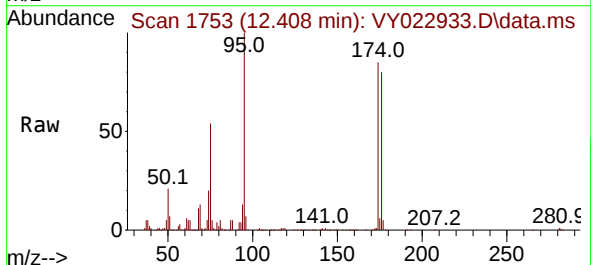
Instrument :
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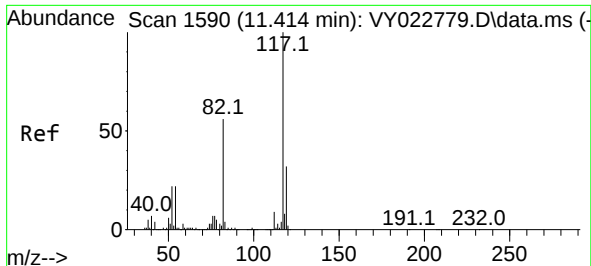
Tgt Ion: 98 Resp: 691598
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 54.273 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022933.D
Acq: 03 Jul 2025 11:29

Tgt Ion: 95 Resp: 238448
Ion Ratio Lower Upper
95 100
174 82.7 0.0 170.0
176 79.5 0.0 166.2

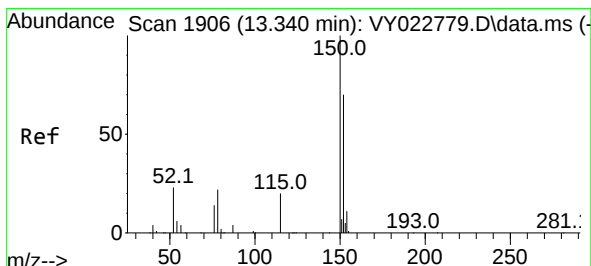
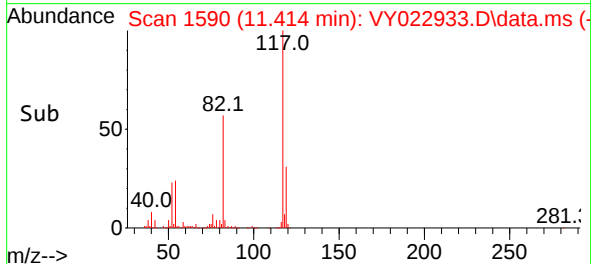
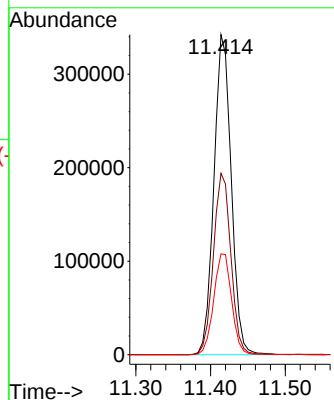
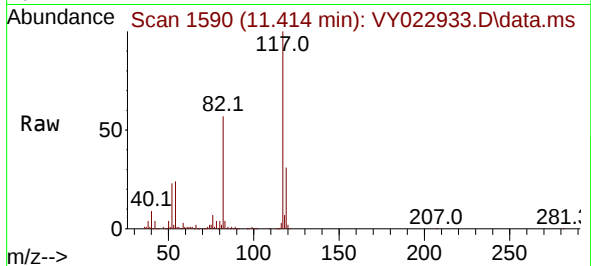




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022933.D
Acq: 03 Jul 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
WC-11-VOC

Tgt Ion:117 Resp: 551288
Ion Ratio Lower Upper
117 100
82 56.7 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: VY022933.D
Acq: 03 Jul 2025 11:29

Tgt Ion:152 Resp: 230642
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 159.8 0.0 349.6

