

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021502.D
 Acq On : 12 Mar 2025 11:47
 Operator : SY/MD
 Sample : VY0312SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBL01

Quant Time: Mar 13 01:36:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	279829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	501387	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	431961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	167294	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	158571	53.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.220%
35) Dibromofluoromethane	7.634	113	164760	49.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.103	98	609608	48.853	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.408	95	176618	41.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.220%

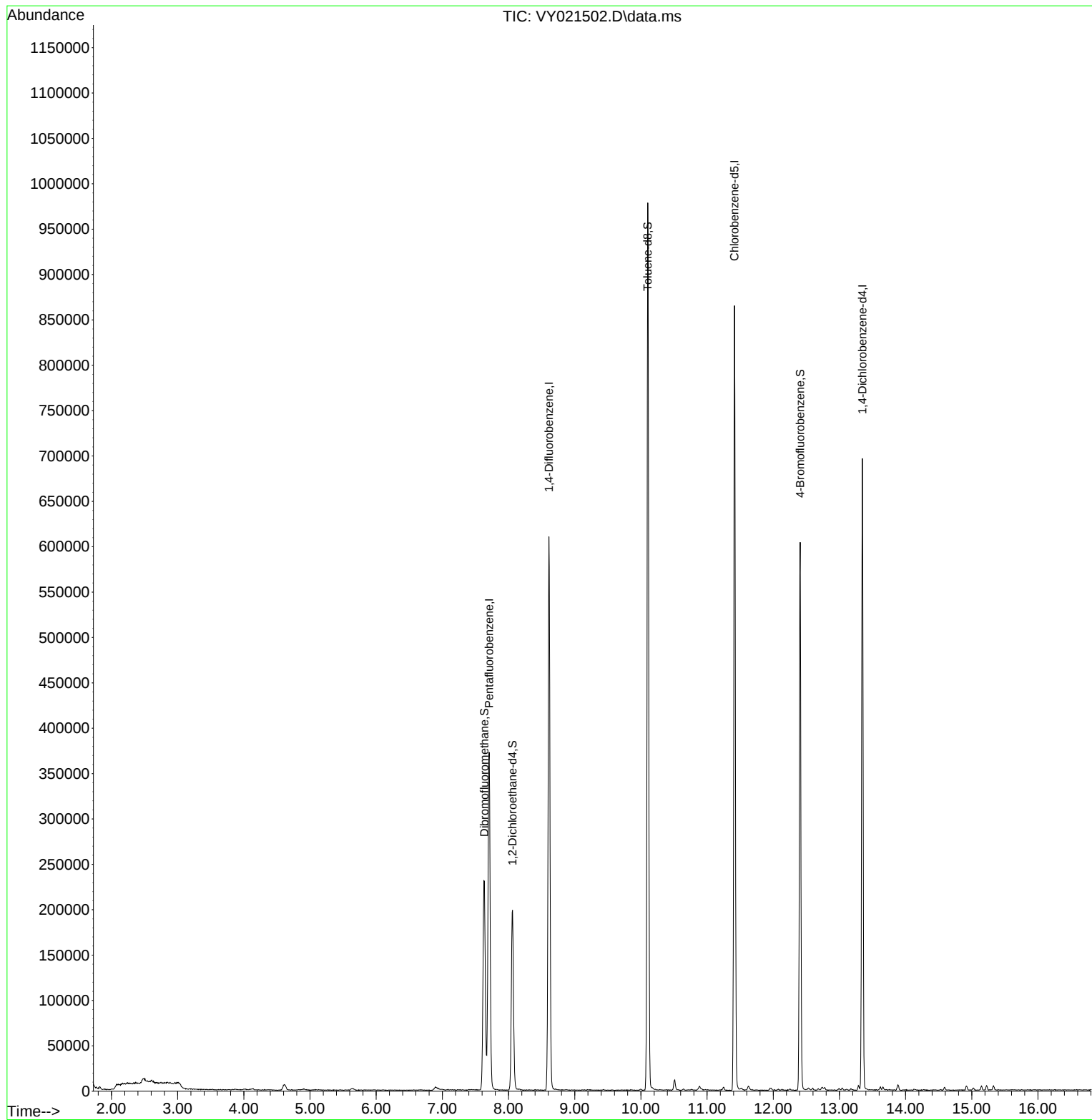
Target Compounds	Qvalue

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

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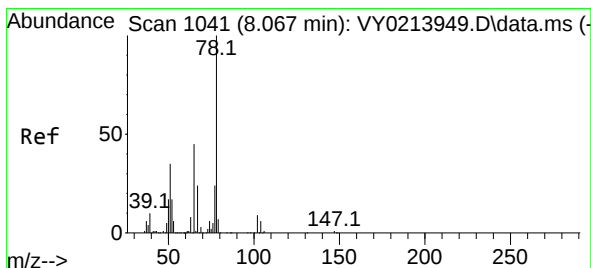
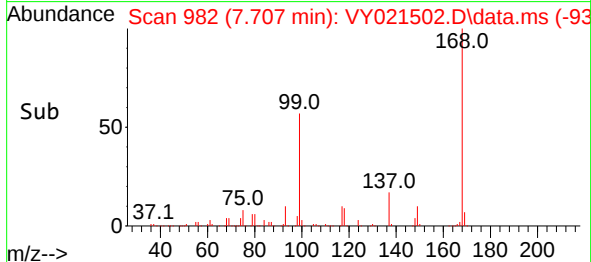
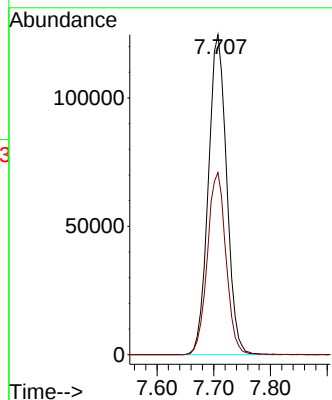
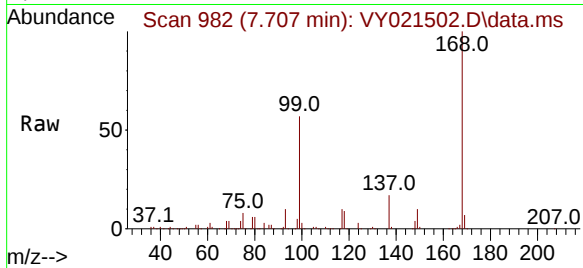




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021502.D
Acq: 12 Mar 2025 11:47

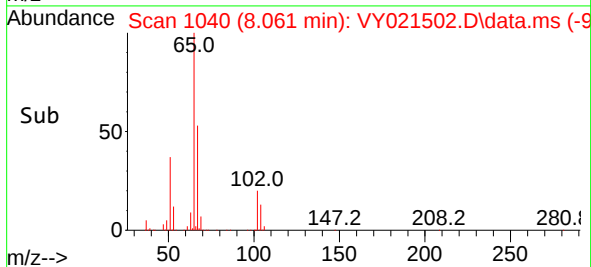
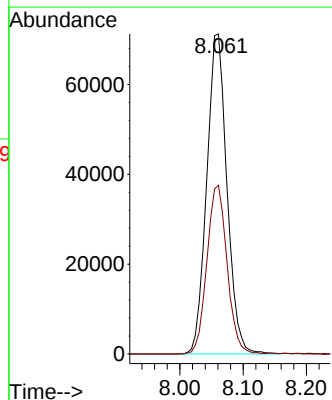
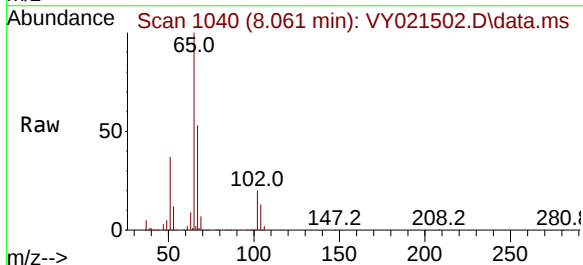
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

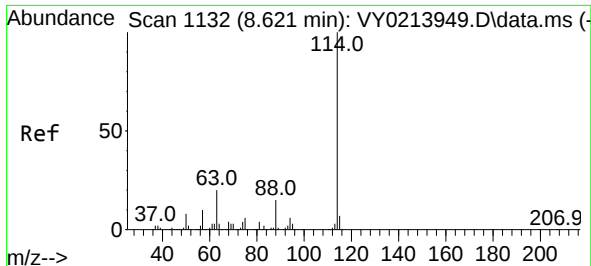
Tgt Ion:168 Resp: 279829
Ion Ratio Lower Upper
168 100
99 56.9 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 53.614 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021502.D
Acq: 12 Mar 2025 11:47

Tgt Ion: 65 Resp: 158571
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1132

Delta R.T. -0.012 min

Lab File: VY021502.D

Acq: 12 Mar 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBL01

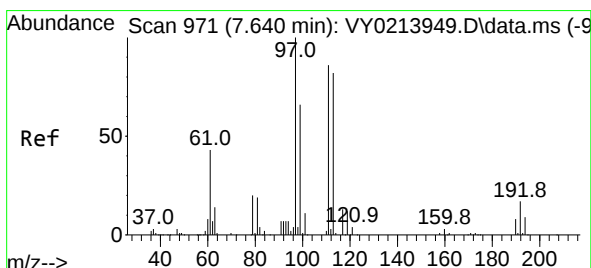
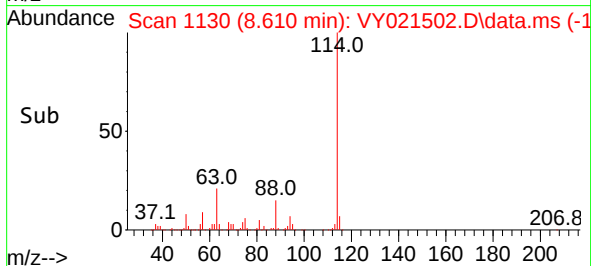
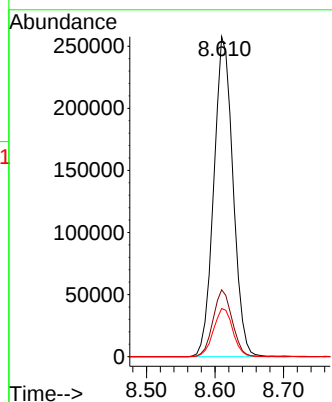
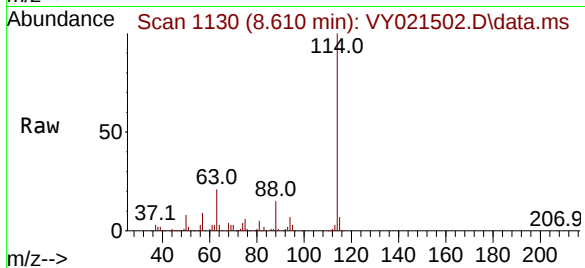
Tgt Ion:114 Resp: 501387

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 49.993 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021502.D

Acq: 12 Mar 2025 11:47

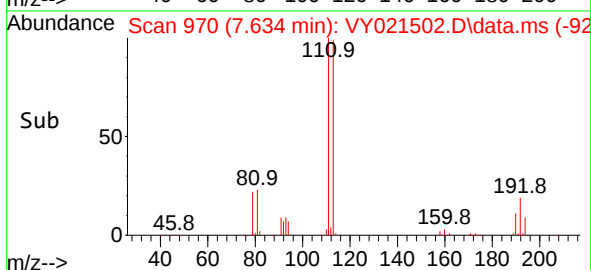
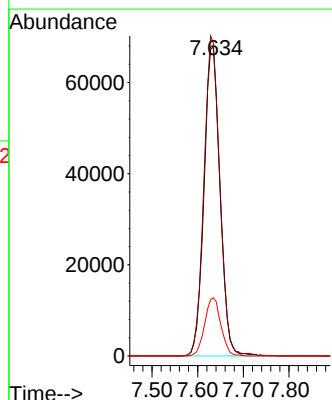
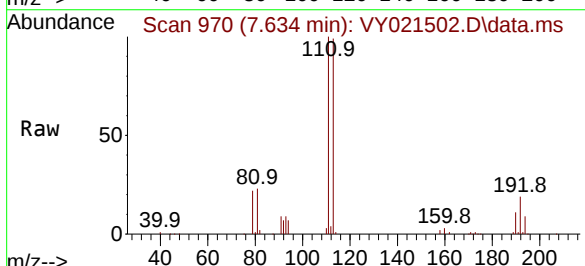
Tgt Ion:113 Resp: 164760

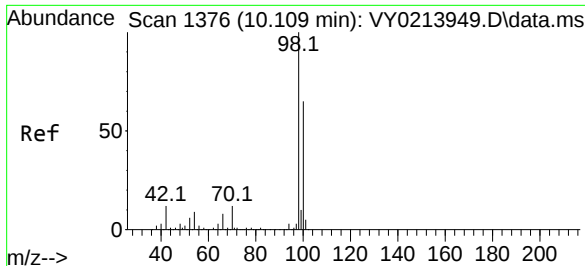
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 18.9 15.9 23.9

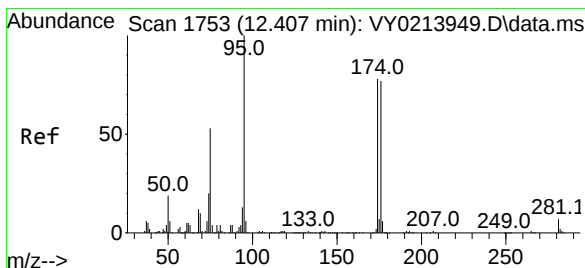
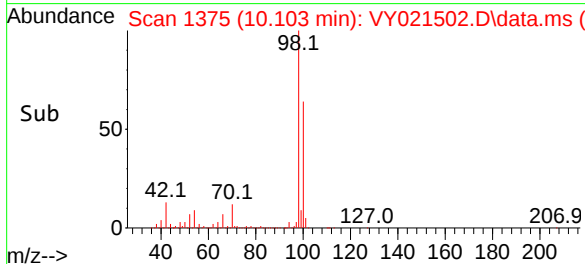
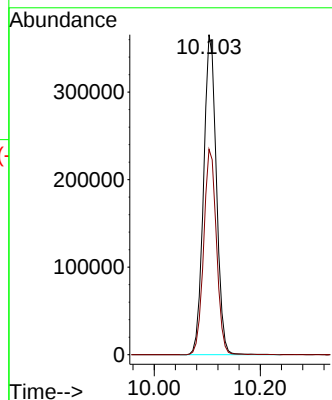
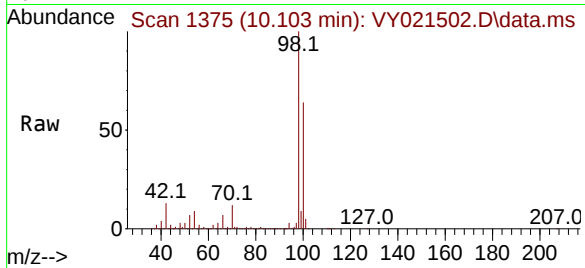




#50
Toluene-d8
Concen: 48.853 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021502.D
Acq: 12 Mar 2025 11:47

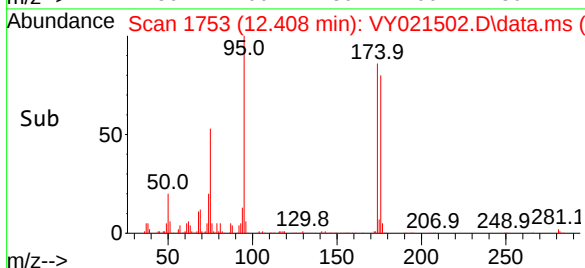
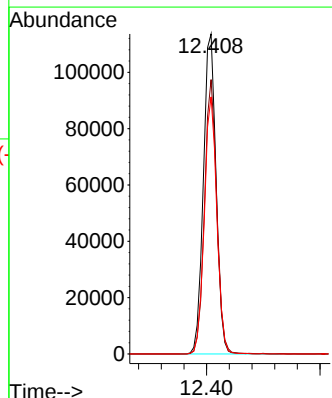
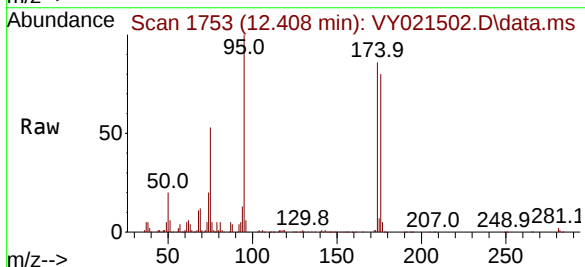
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

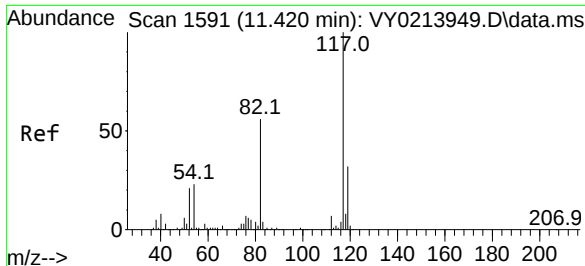
Tgt Ion: 98 Resp: 609608
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.609 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021502.D
Acq: 12 Mar 2025 11:47

Tgt Ion: 95 Resp: 176618
Ion Ratio Lower Upper
95 100
174 83.1 0.0 165.0
176 79.0 0.0 160.0

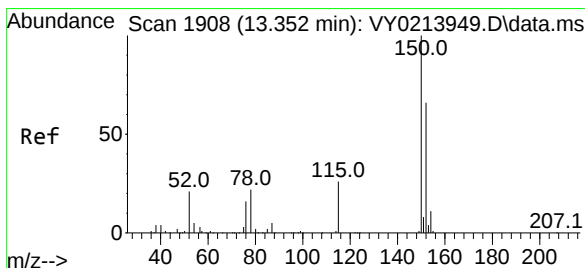
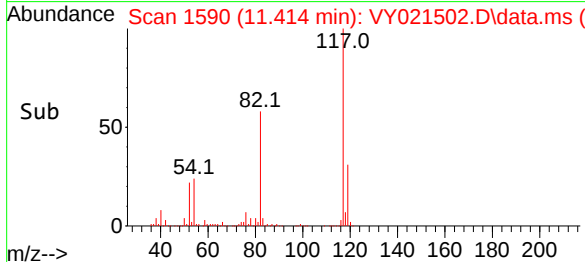
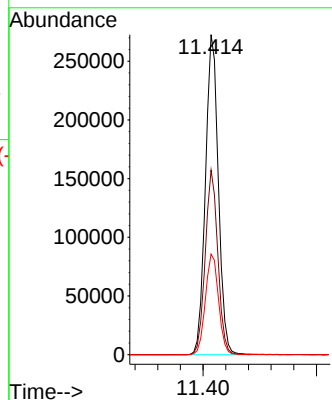
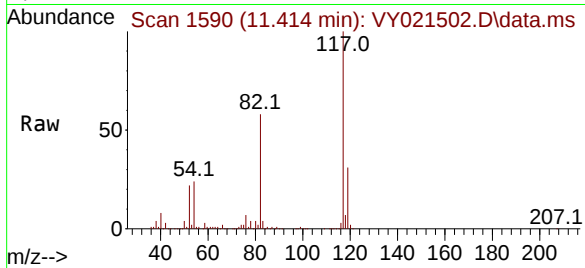




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021502.D
Acq: 12 Mar 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

Tgt Ion:117 Resp: 431961
Ion Ratio Lower Upper
117 100
82 57.7 44.6 67.0
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021502.D
Acq: 12 Mar 2025 11:47

Tgt Ion:152 Resp: 167294
Ion Ratio Lower Upper
152 100
115 59.1 29.0 87.0
150 156.8 0.0 347.2

