

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021531.D
 Acq On : 14 Mar 2025 11:20
 Operator : SY/MD
 Sample : VY0314SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBL01

Quant Time: Mar 15 01:59:25 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	243205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	447203	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	397664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	156921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149811	58.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.560%
35) Dibromofluoromethane	7.628	113	151124	51.411	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.820%
50) Toluene-d8	10.109	98	542458	48.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.408	95	165764	43.784	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.560%

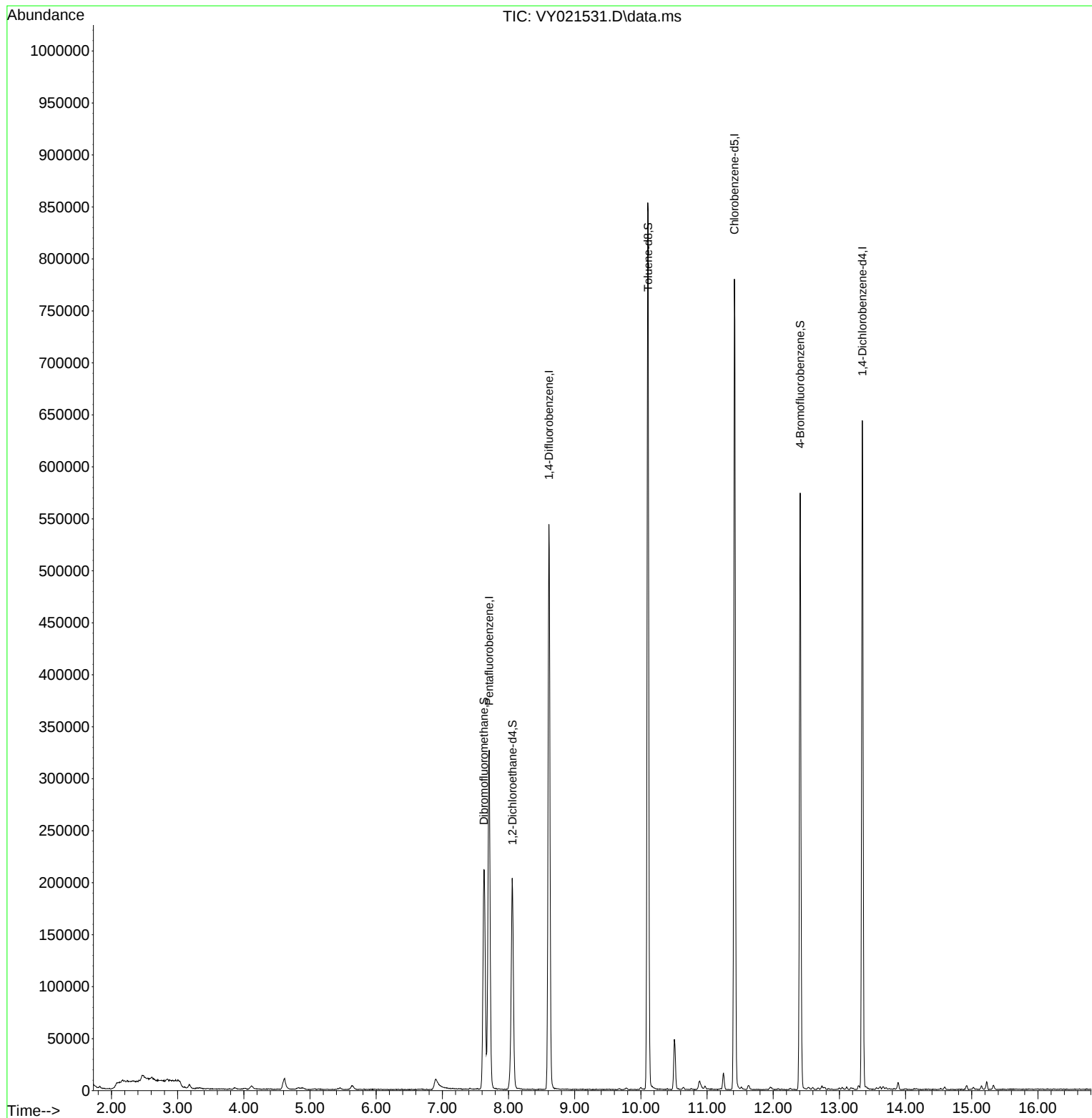
Target Compounds	Qvalue

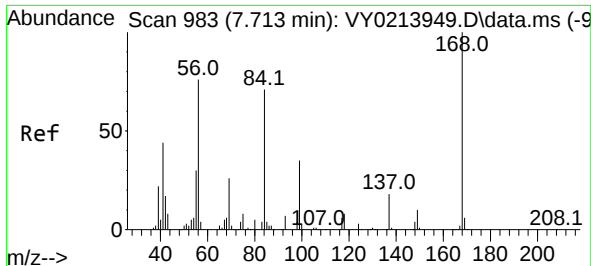
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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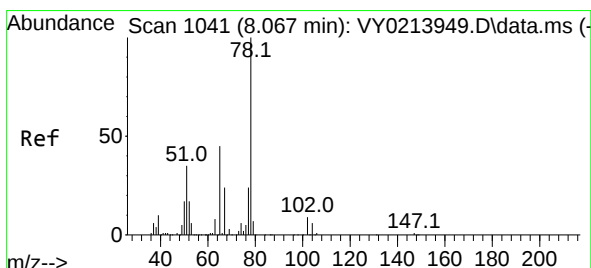
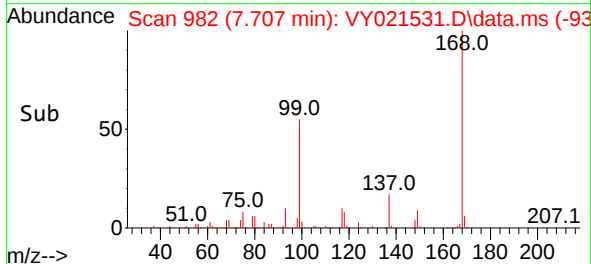
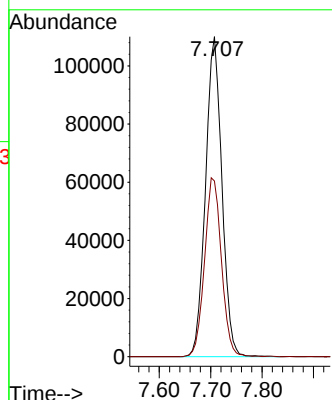
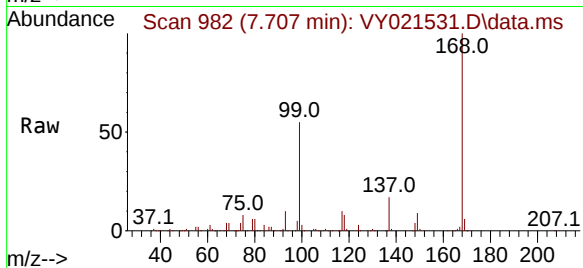




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021531.D
Acq: 14 Mar 2025 11:20

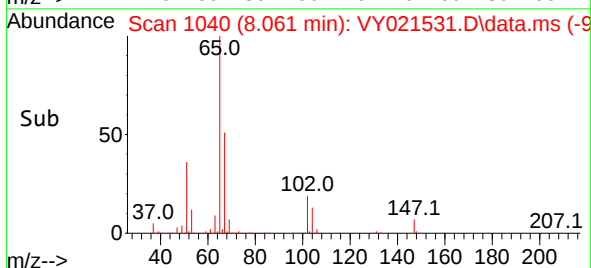
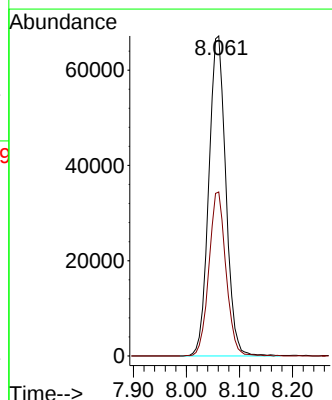
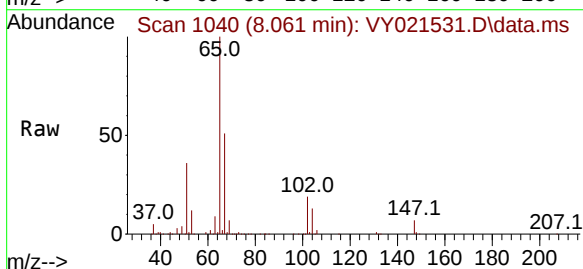
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

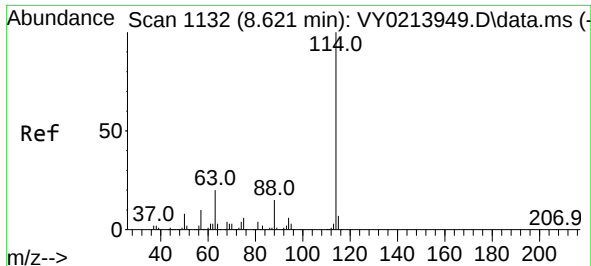
Tgt Ion:168 Resp: 243205
Ion Ratio Lower Upper
168 100
99 54.9 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 58.280 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021531.D
Acq: 14 Mar 2025 11:20

Tgt Ion: 65 Resp: 149811
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.8

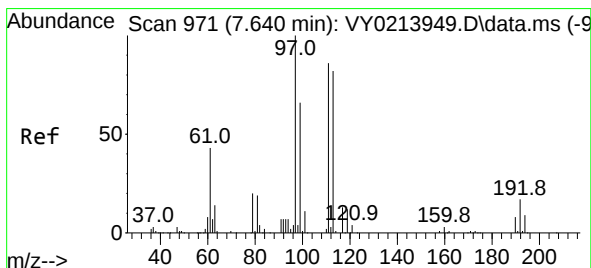
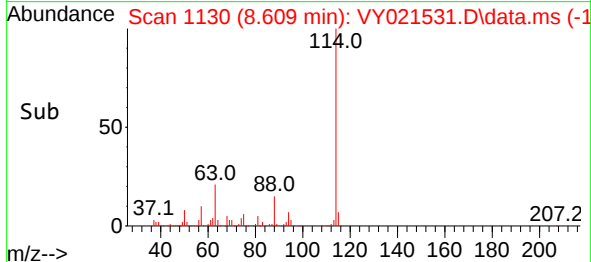
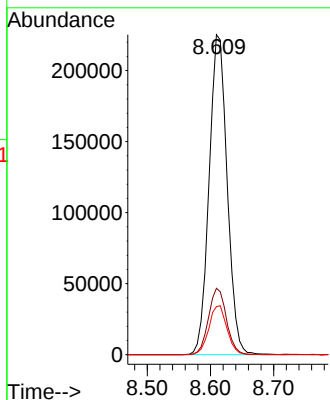
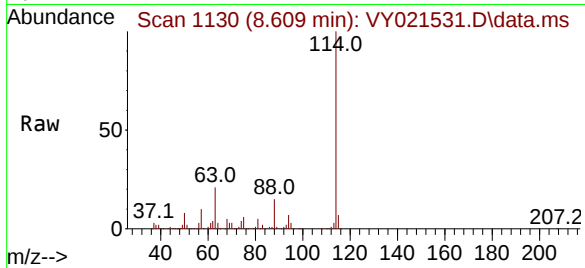




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1132
Delta R.T. -0.012 min
Lab File: VY021531.D
Acq: 14 Mar 2025 11:20

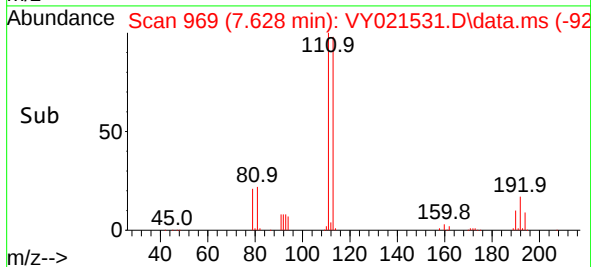
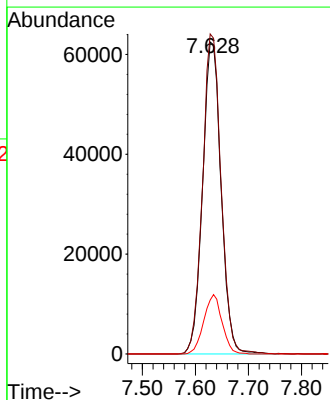
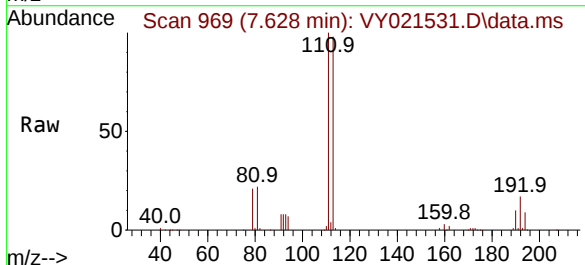
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

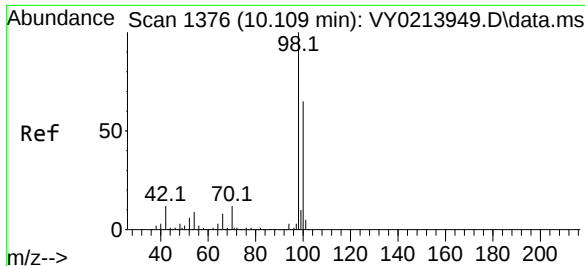
Tgt Ion:114 Resp: 447203
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.411 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY021531.D
Acq: 14 Mar 2025 11:20

Tgt Ion:113 Resp: 151124
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 18.8 15.9 23.9

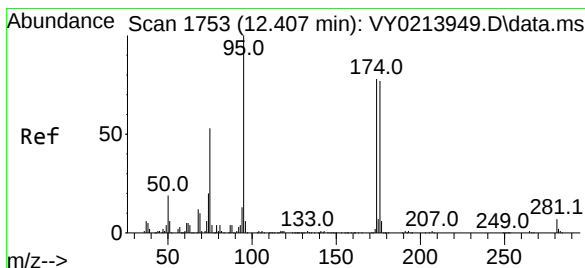
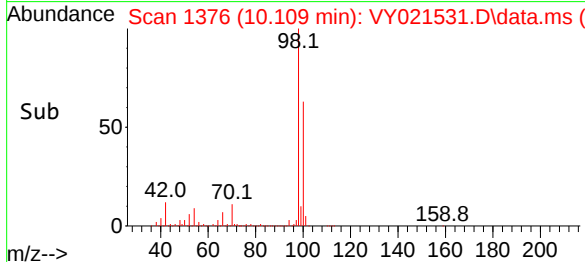
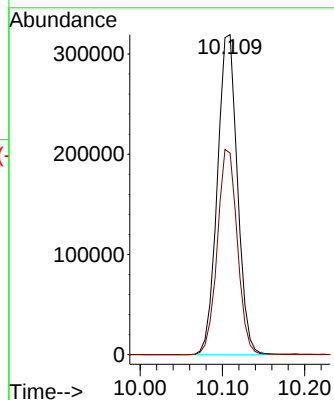
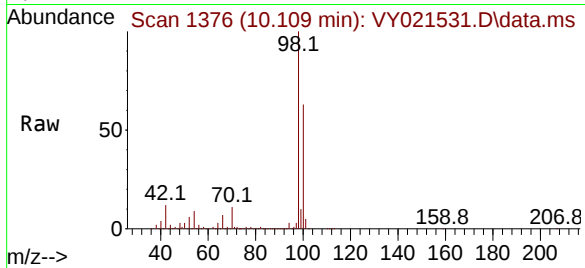




#50
Toluene-d8
Concen: 48.738 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021531.D
Acq: 14 Mar 2025 11:20

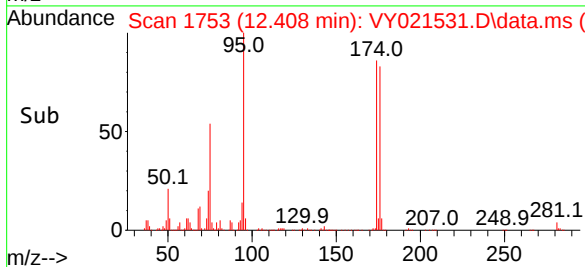
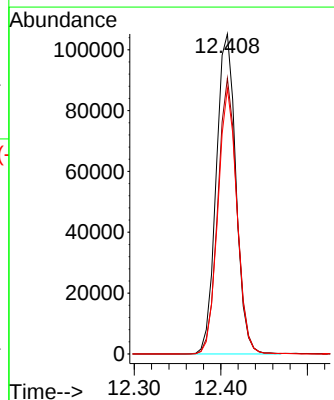
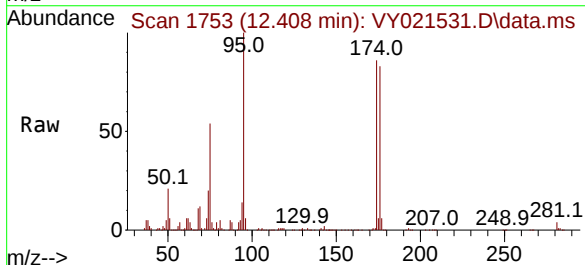
Instrument :
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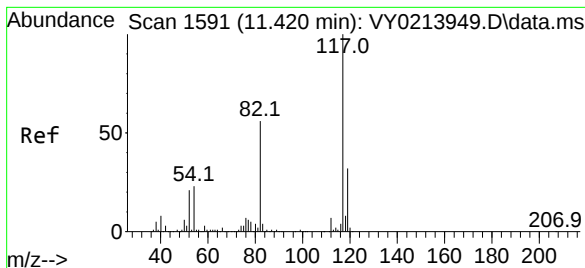
Tgt Ion: 98 Resp: 542458
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.784 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021531.D
Acq: 14 Mar 2025 11:20

Tgt Ion: 95 Resp: 165764
Ion Ratio Lower Upper
95 100
174 83.6 0.0 165.0
176 80.3 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: VY021531.D

Acq: 14 Mar 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBL01

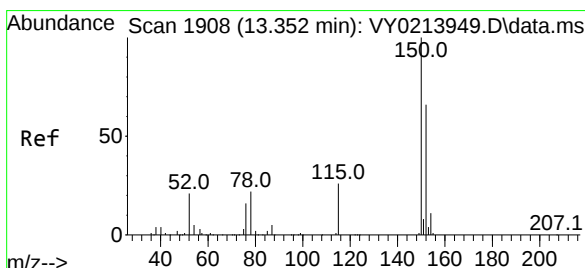
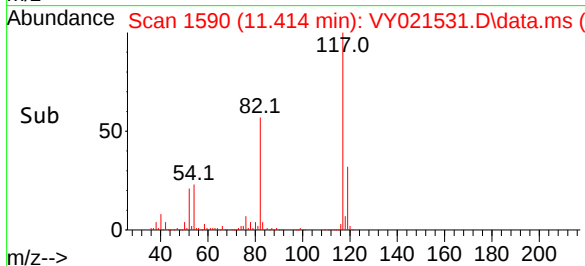
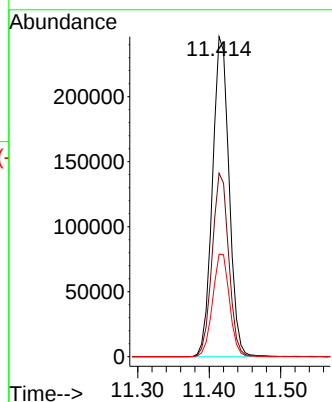
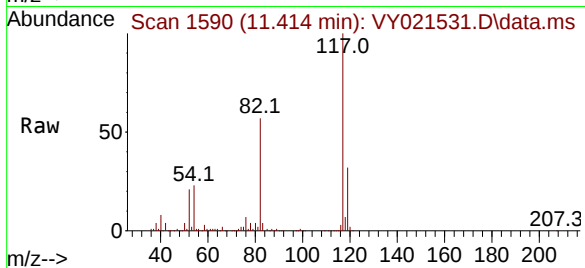
Tgt Ion:117 Resp: 397664

Ion Ratio Lower Upper

117 100

82 57.3 44.6 67.0

119 32.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021531.D

Acq: 14 Mar 2025 11:20

Tgt Ion:152 Resp: 156921

Ion Ratio Lower Upper

152 100

115 59.6 29.0 87.0

150 157.4 0.0 347.2

