

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021452.D
 Acq On : 07 Mar 2025 10:35
 Operator : SY/MD
 Sample : VY0307SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBL01

Quant Time: Mar 07 21:59:55 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	247432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	455944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	386511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	140975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144872	55.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.800%
35) Dibromofluoromethane	7.634	113	150461	50.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.400%
50) Toluene-d8	10.109	98	550853	48.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.408	95	154713	40.081	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.160%

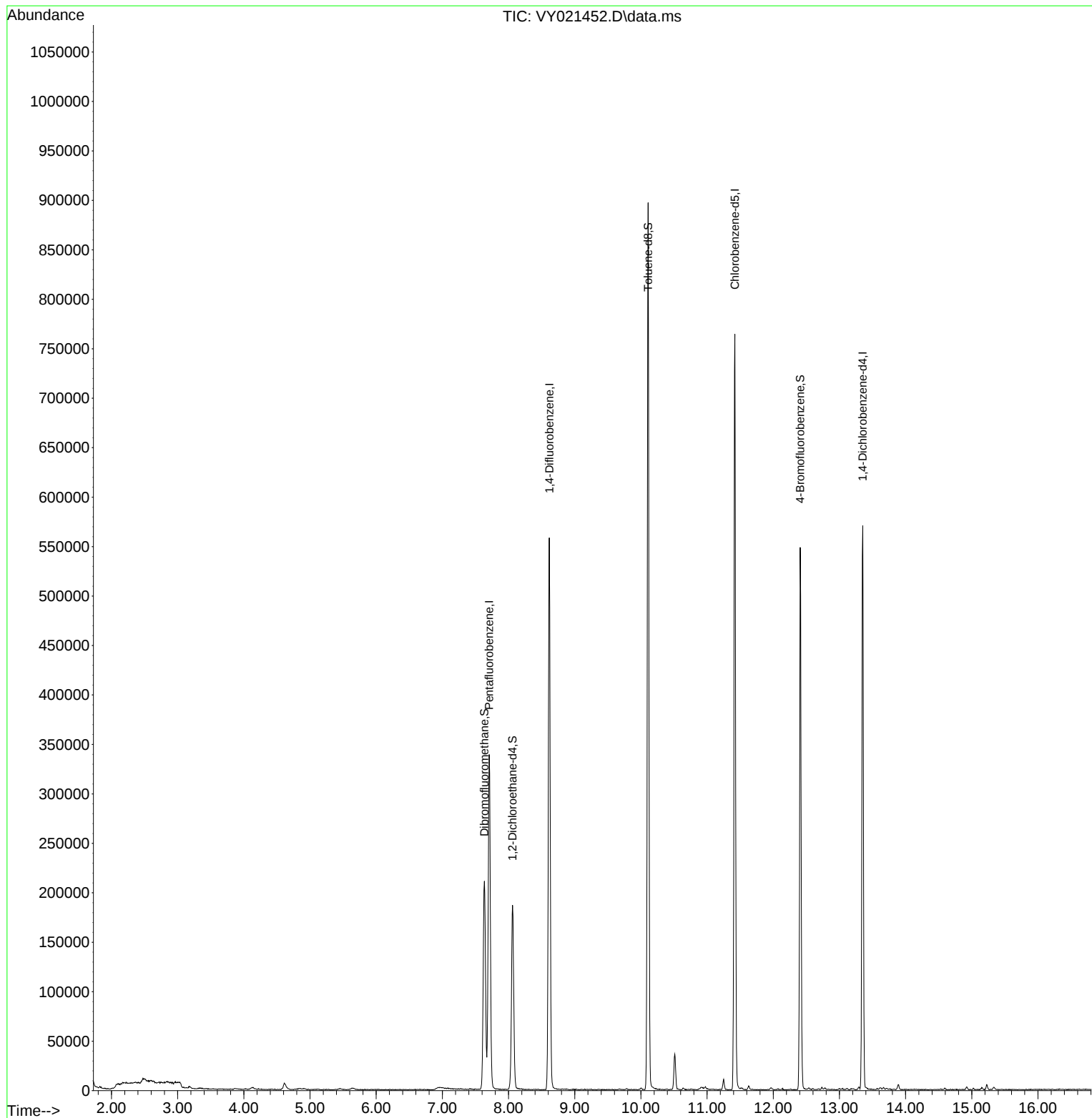
Target Compounds	Qvalue

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

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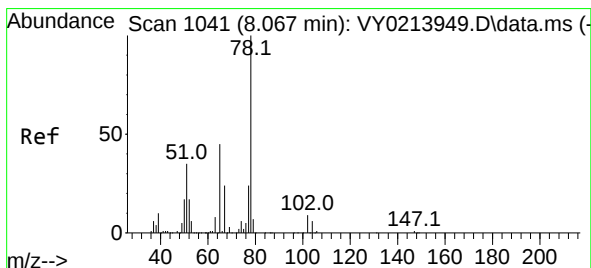
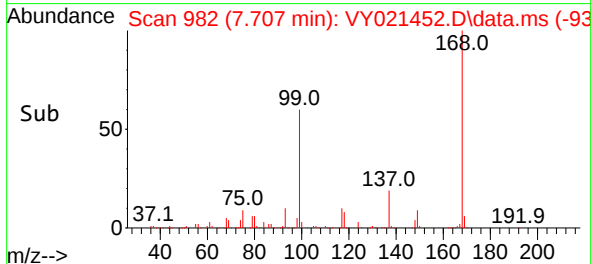
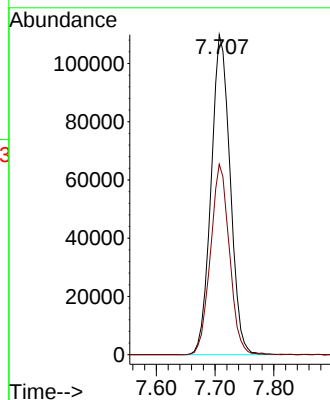
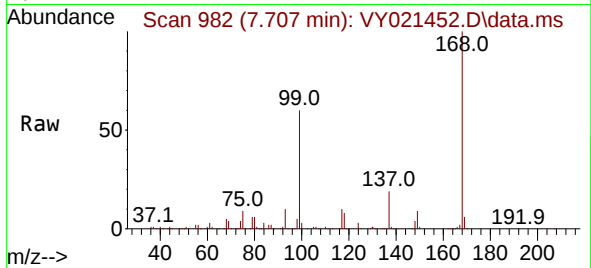




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

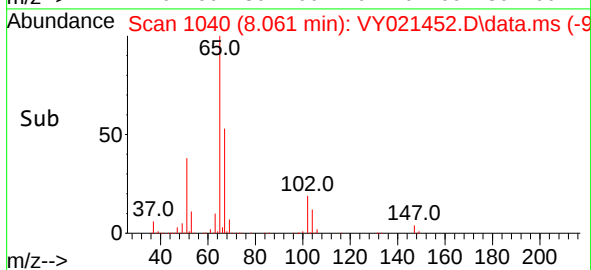
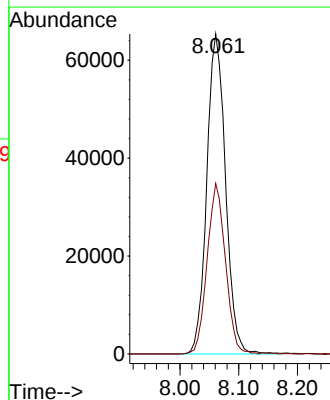
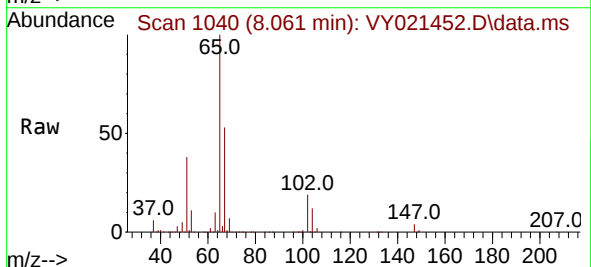
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

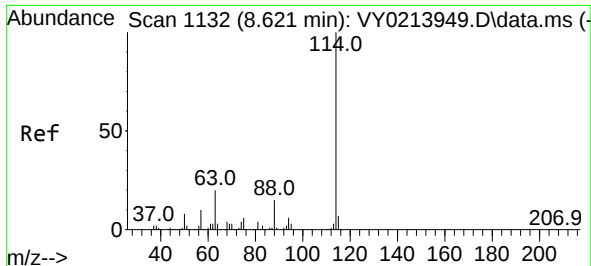
Tgt Ion:168 Resp: 247432
Ion Ratio Lower Upper
168 100
99 59.5 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 55.396 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion: 65 Resp: 144872
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8

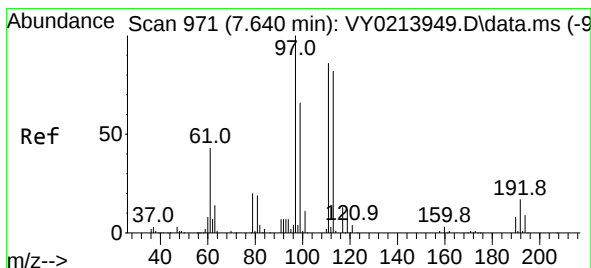
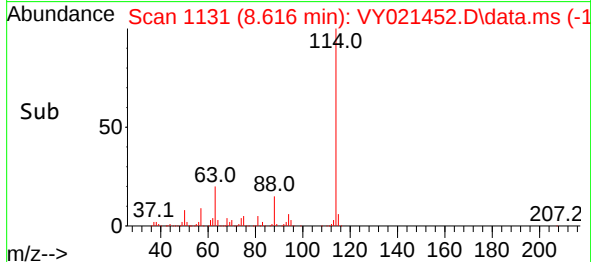
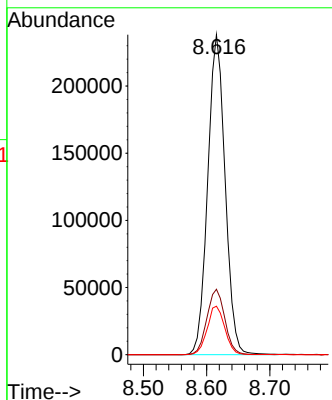
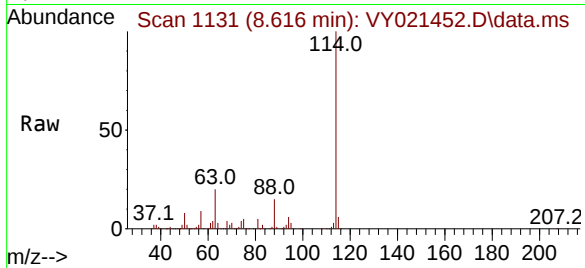




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

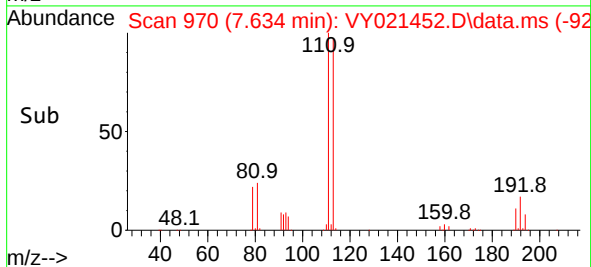
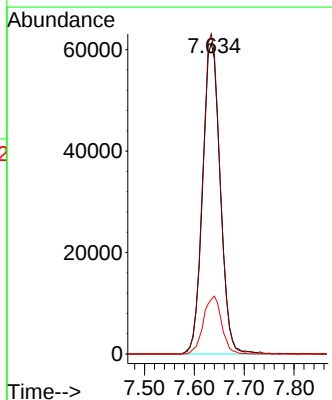
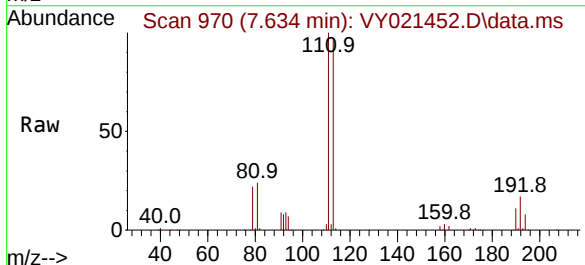
Instrument :
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ClientSampleId :
VY0307SBL01

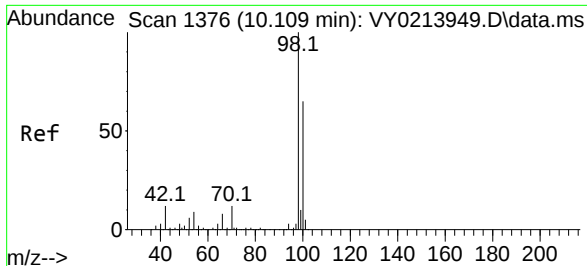
Tgt Ion:114 Resp: 455944
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 50.204 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion:113 Resp: 150461
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 19.1 15.9 23.9

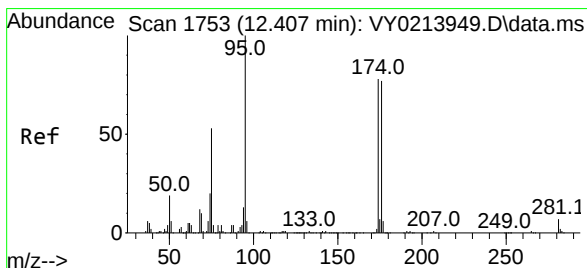
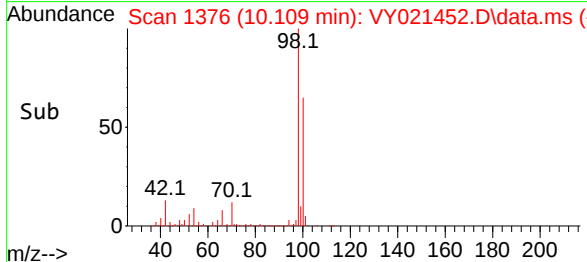
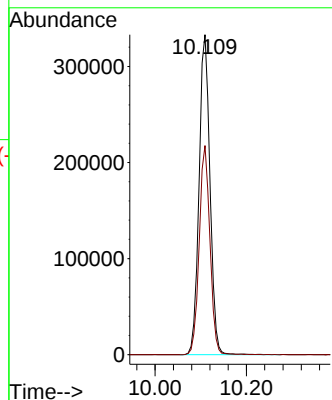
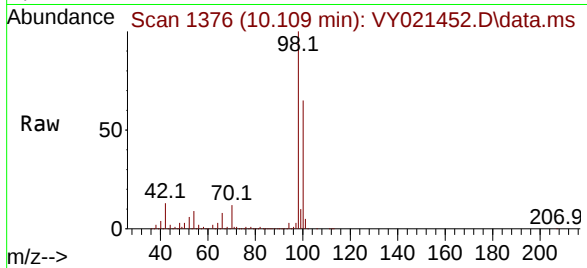




#50
Toluene-d8
Concen: 48.544 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

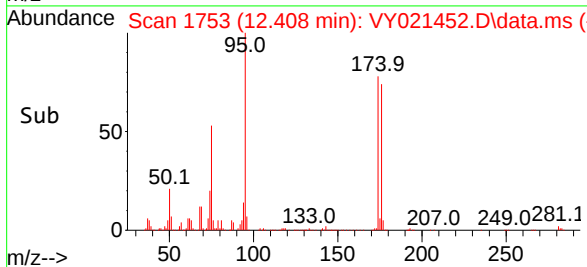
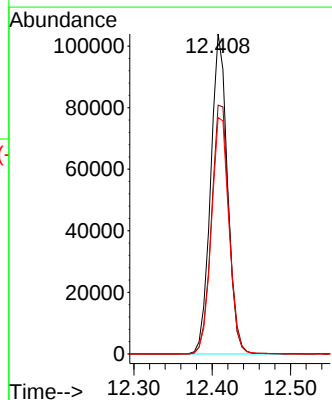
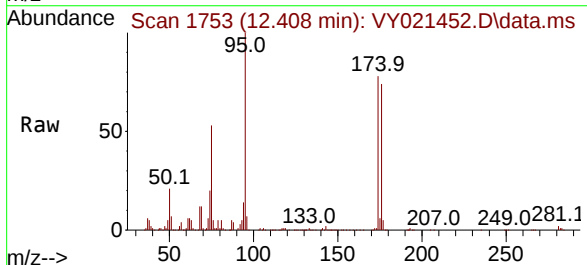
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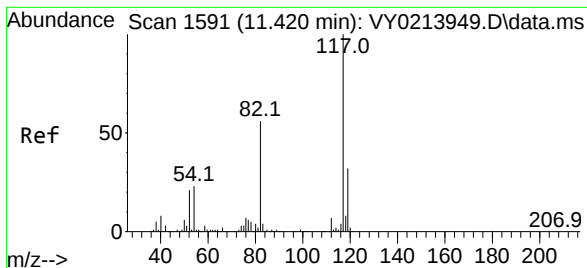
Tgt Ion: 98 Resp: 550853
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.081 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion: 95 Resp: 154713
Ion Ratio Lower Upper
95 100
174 82.0 0.0 165.0
176 77.4 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021452.D

Acq: 07 Mar 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBL01

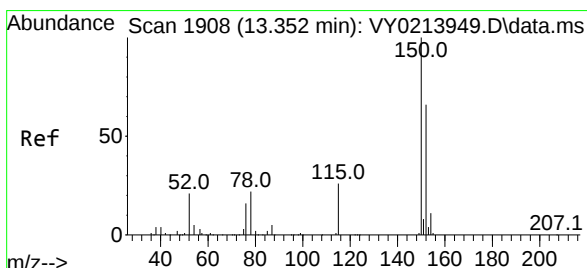
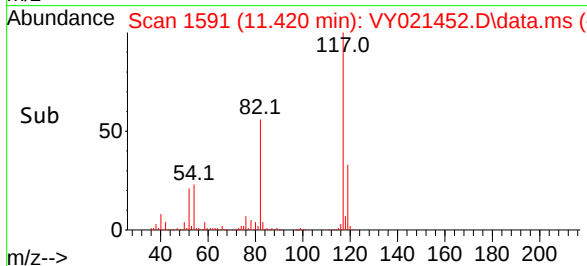
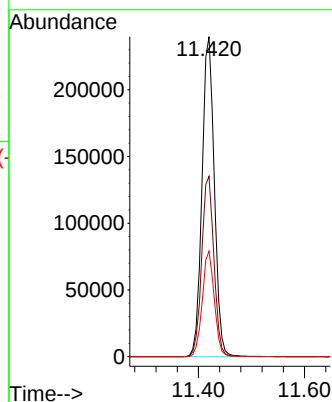
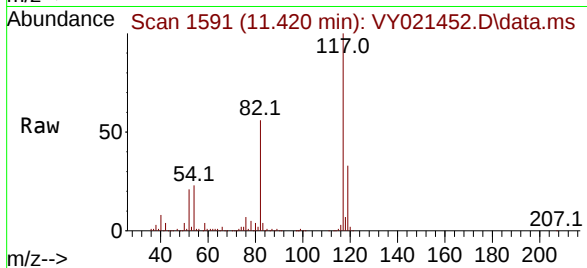
Tgt Ion:117 Resp: 386511

Ion Ratio Lower Upper

117 100

82 56.4 44.6 67.0

119 33.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021452.D

Acq: 07 Mar 2025 10:35

Tgt Ion:152 Resp: 140975

Ion Ratio Lower Upper

152 100

115 59.2 29.0 87.0

150 155.2 0.0 347.2

