

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021445.D
 Acq On : 06 Mar 2025 19:20
 Operator : SY/MD
 Sample : Q1463-07
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T7

Quant Time: Mar 07 00:42:42 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	227977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	432286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	378072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143977	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145770	60.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.000%
35) Dibromofluoromethane	7.634	113	146121	51.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.840%
50) Toluene-d8	10.109	98	470875	43.767	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.540%
62) 4-Bromofluorobenzene	12.408	95	156881	42.867	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.740%

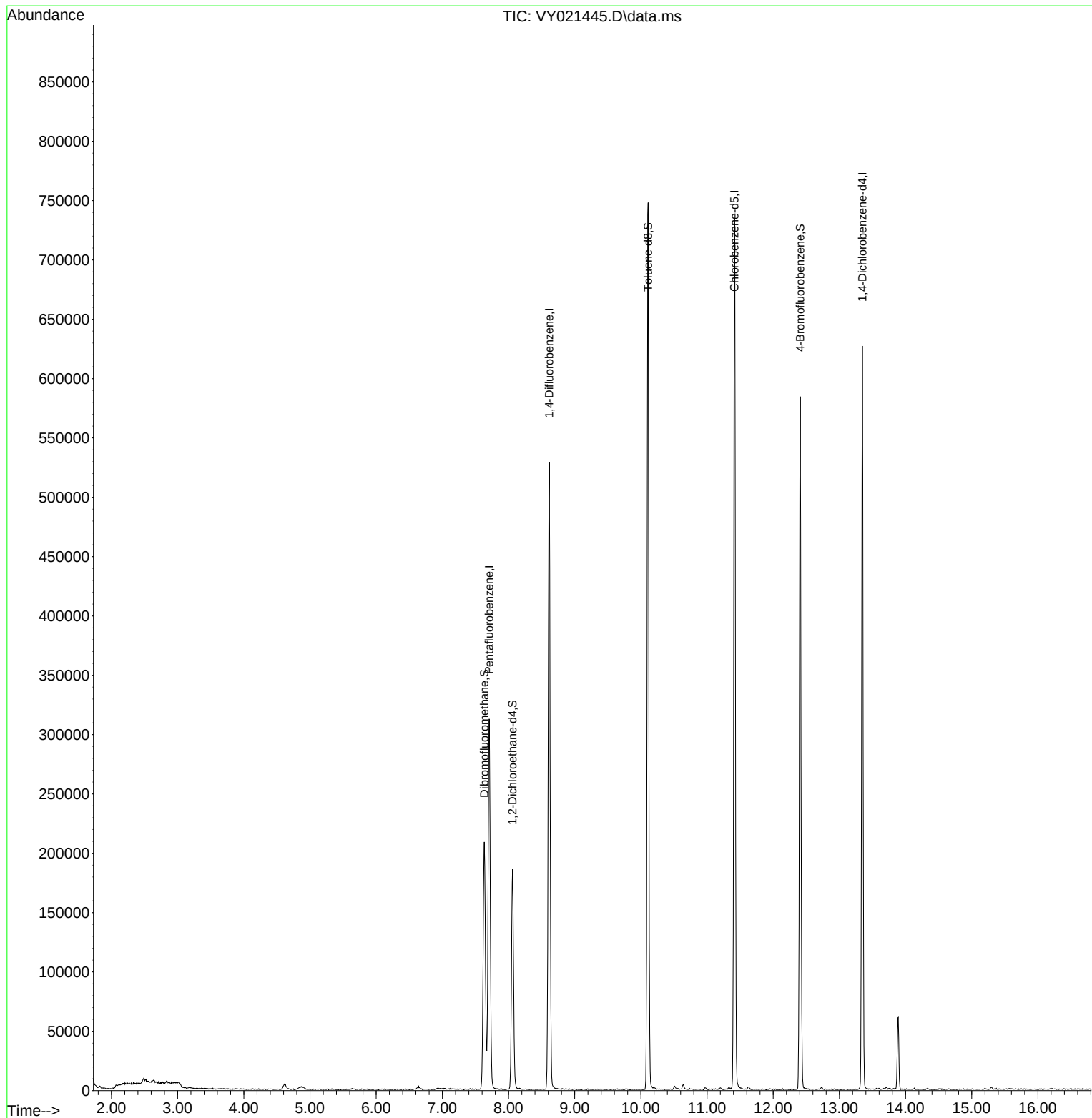
Target Compounds	Qvalue

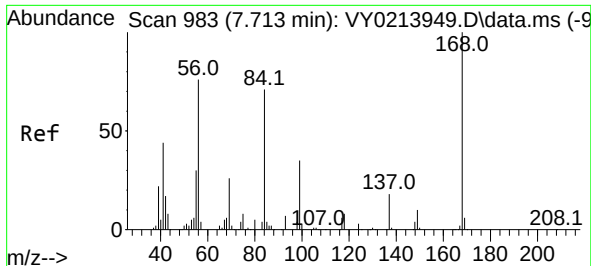
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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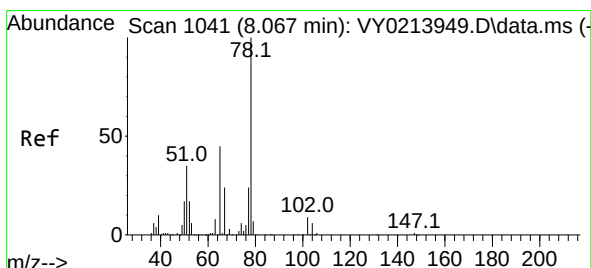
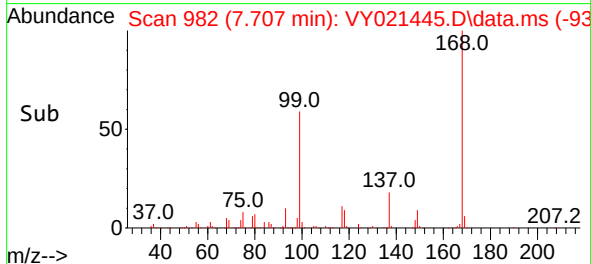
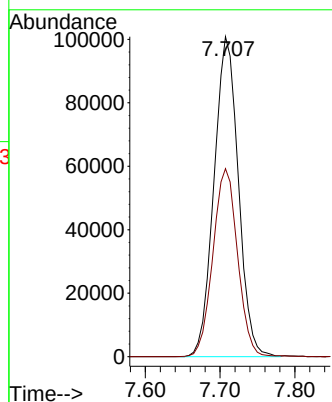
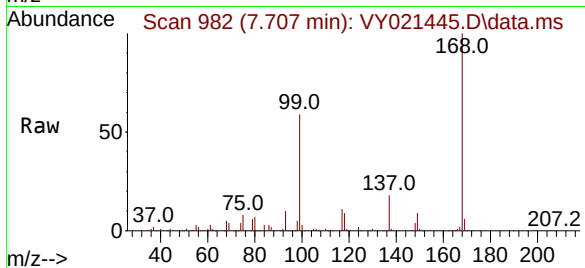




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

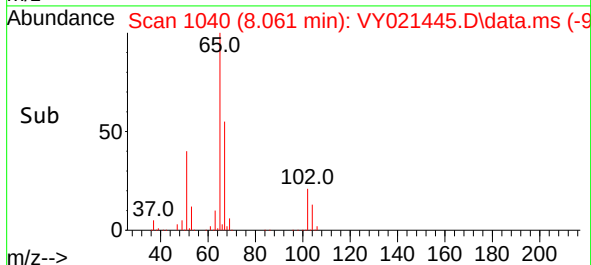
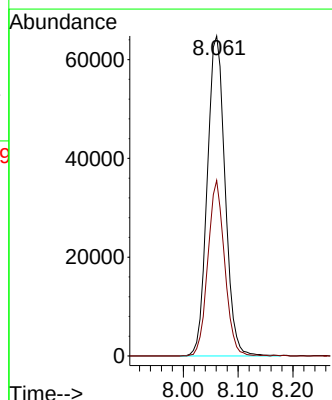
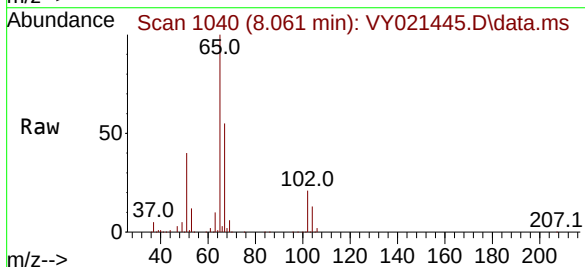
Instrument :
MSVOA_Y
ClientSampleId :
T7

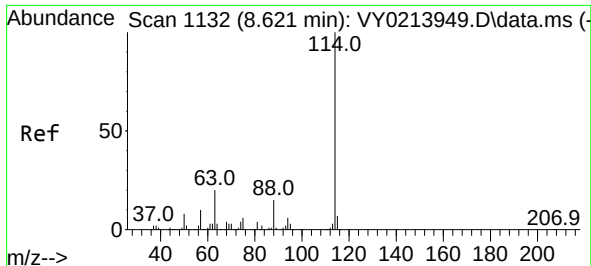
Tgt Ion:168 Resp: 227977
Ion Ratio Lower Upper
168 100
99 58.7 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 60.496 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Tgt Ion: 65 Resp: 145770
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.8

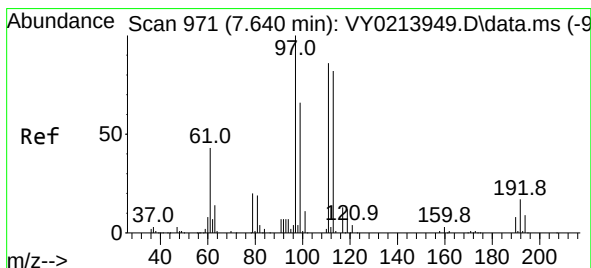
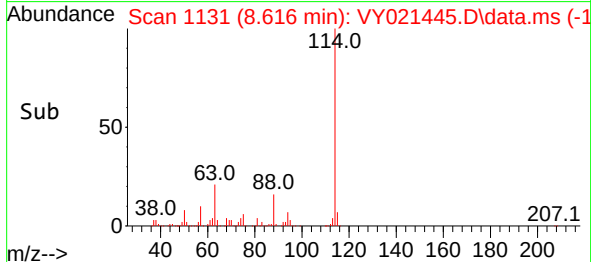
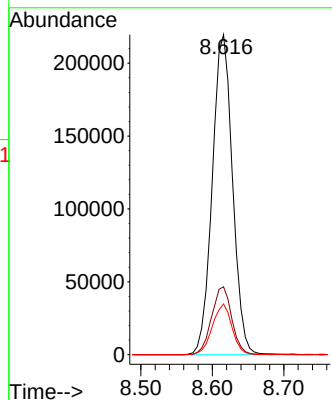
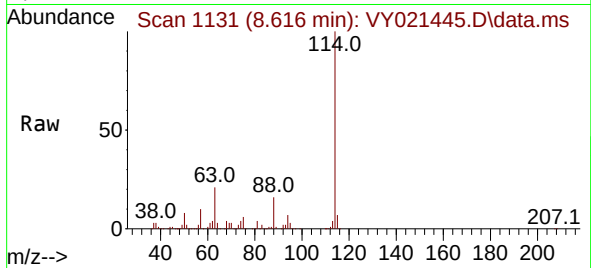




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

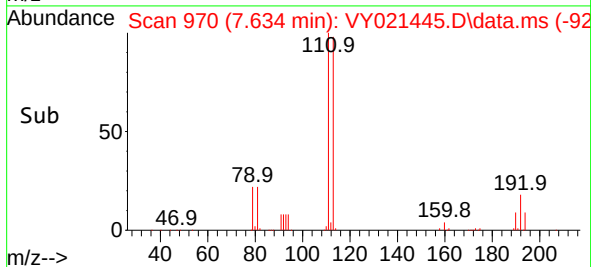
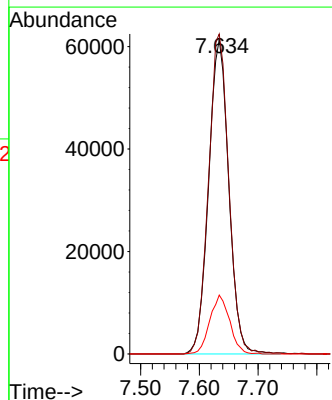
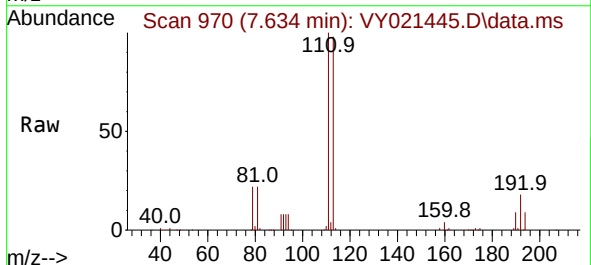
Instrument :
MSVOA_Y
ClientSampleId :
T7

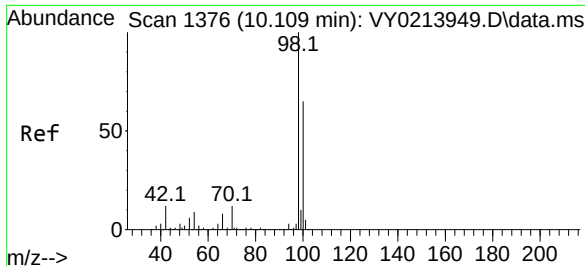
Tgt Ion:114 Resp: 432286
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 15.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.424 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Tgt Ion:113 Resp: 146121
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 18.4 15.9 23.9

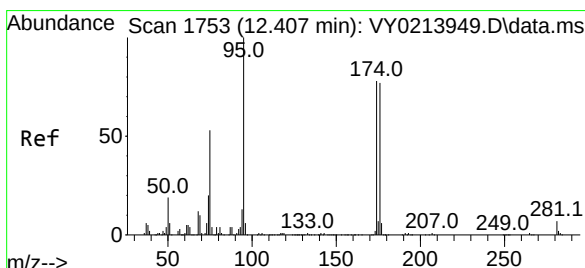
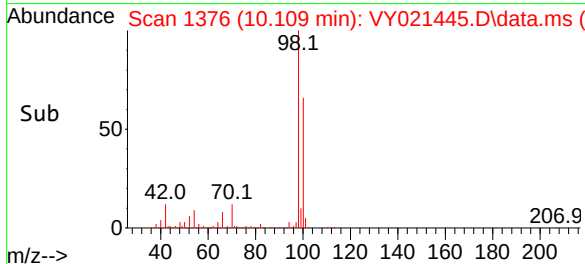
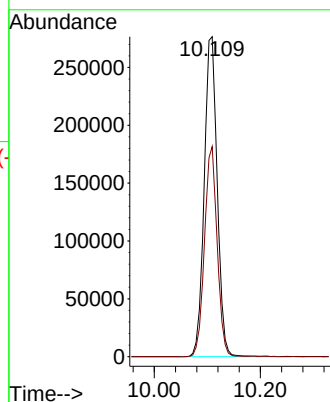
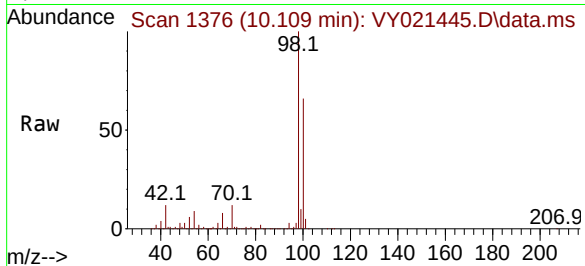




#50
Toluene-d8
Concen: 43.767 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

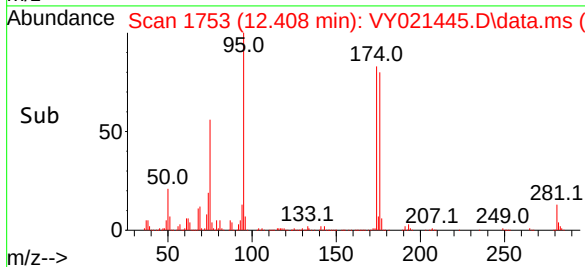
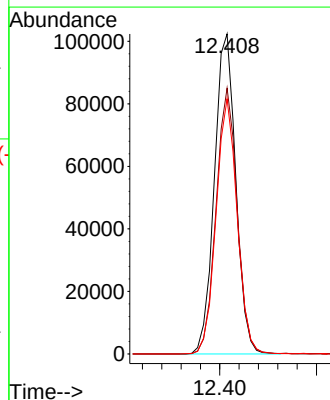
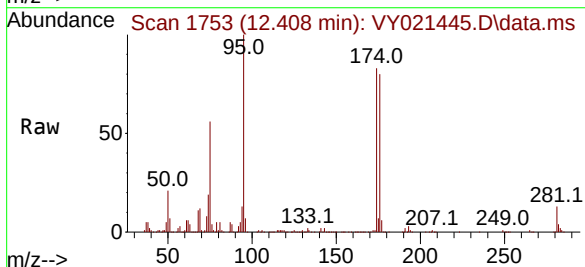
Instrument :
MSVOA_Y
ClientSampleId :
T7

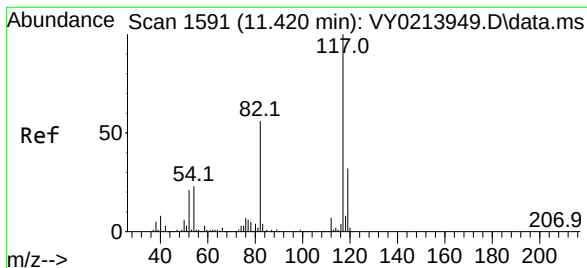
Tgt Ion: 98 Resp: 470875
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.867 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Tgt Ion: 95 Resp: 156881
Ion Ratio Lower Upper
95 100
174 82.0 0.0 165.0
176 78.5 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.006 min

Lab File: VY021445.D

Acq: 06 Mar 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

T7

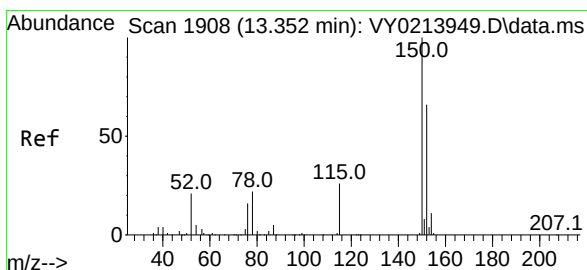
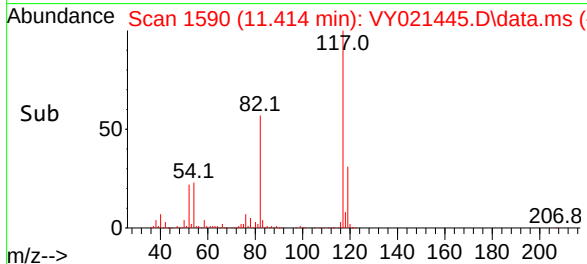
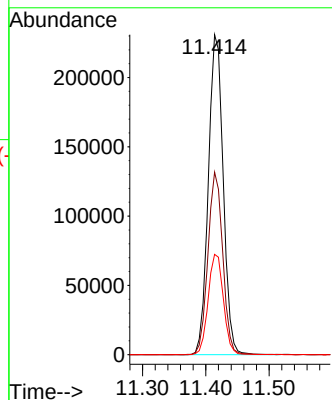
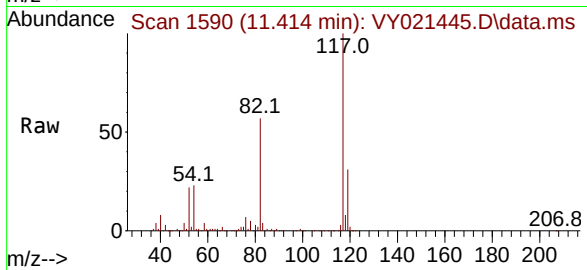
Tgt Ion:117 Resp: 378072

Ion Ratio Lower Upper

117 100

82 57.1 44.6 67.0

119 31.3 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: VY021445.D

Acq: 06 Mar 2025 19:20

Tgt Ion:152 Resp: 143977

Ion Ratio Lower Upper

152 100

115 60.6 29.0 87.0

150 158.5 0.0 347.2

