

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021494.D
 Acq On : 11 Mar 2025 18:16
 Operator : SY/MD
 Sample : Q1534-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-363-VOC-16

Quant Time: Mar 12 01:26:09 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	214062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	405088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	369106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	141341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139756	61.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.540%
35) Dibromofluoromethane	7.628	113	143166	53.767	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.540%
50) Toluene-d8	10.109	98	505842	50.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.408	95	149589	43.619	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.240%

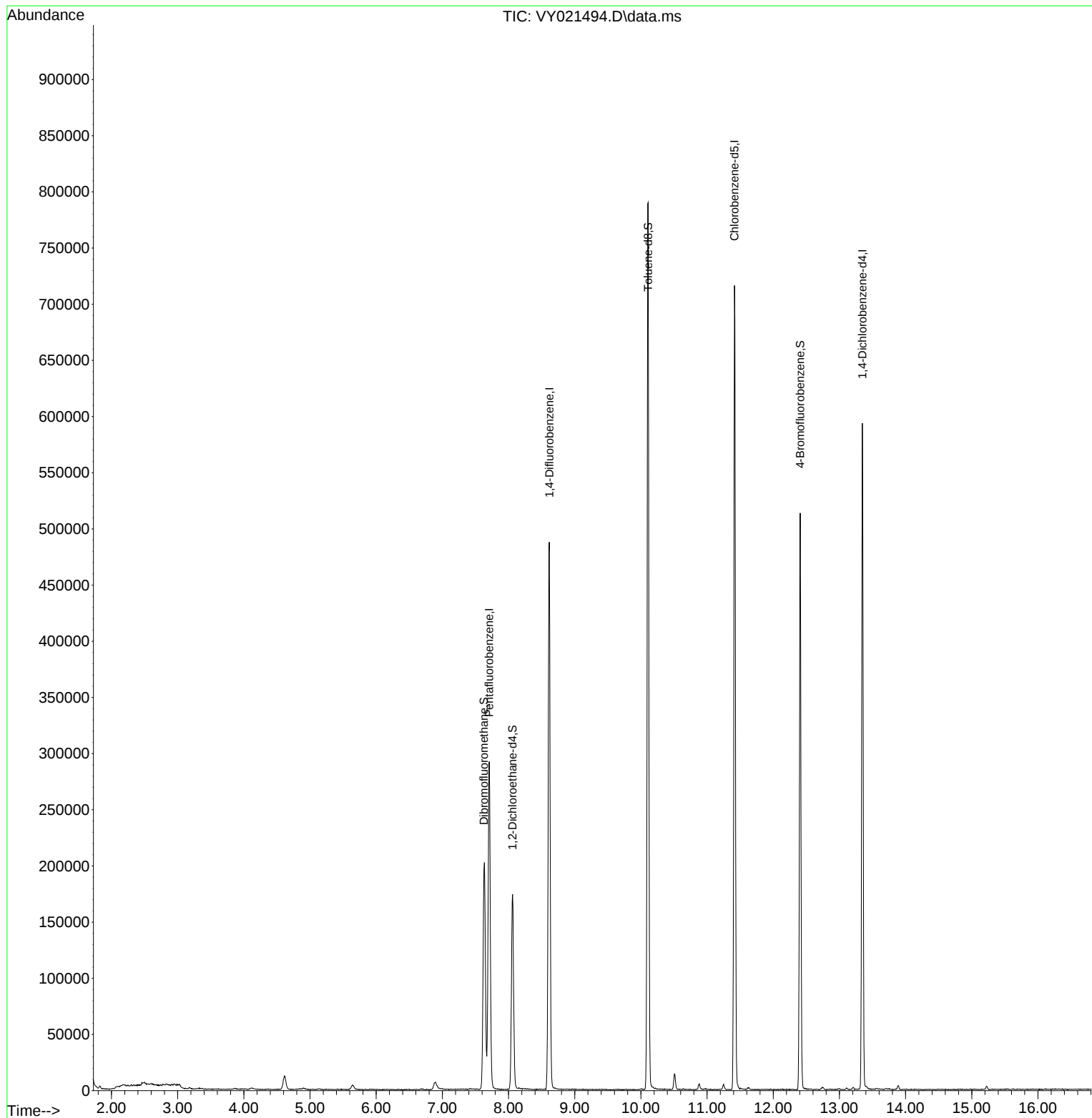
Target Compounds	Qvalue

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

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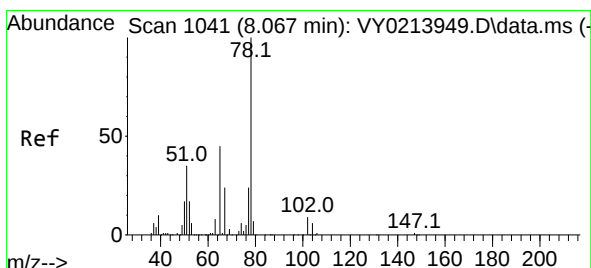
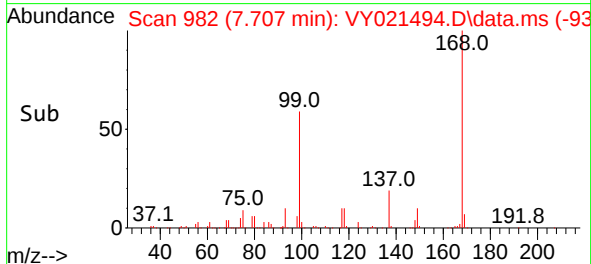
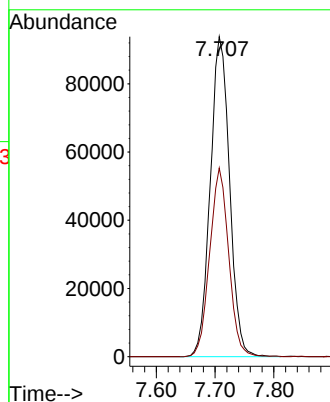
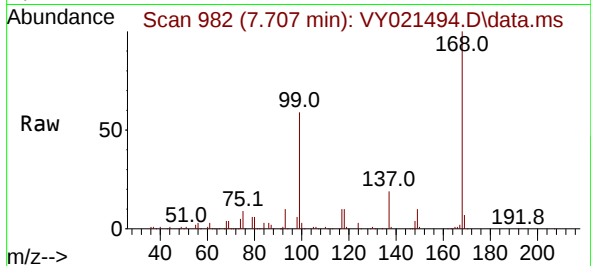




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021494.D
Acq: 11 Mar 2025 18:16

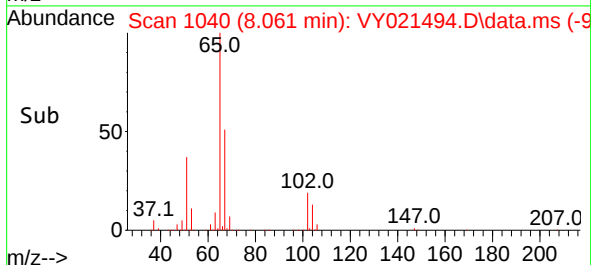
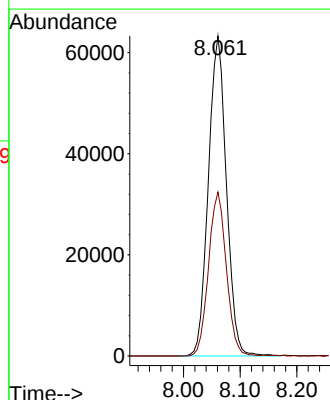
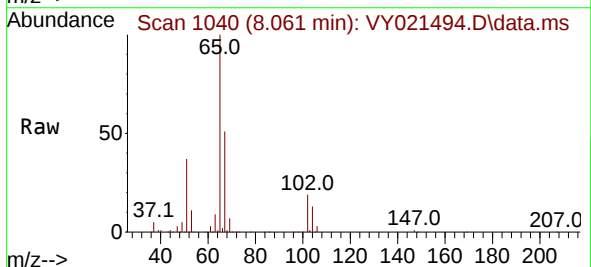
Instrument :
MSVOA_Y
ClientSampleId :
OR-363-VOC-16

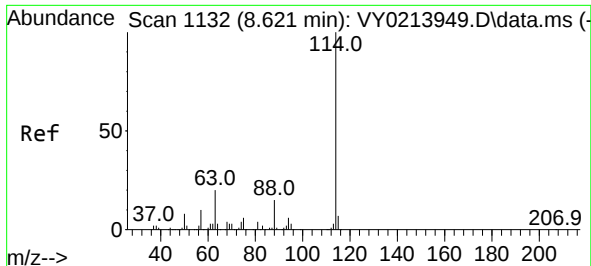
Tgt Ion:168 Resp: 214062
Ion Ratio Lower Upper
168 100
99 59.0 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 61.770 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021494.D
Acq: 11 Mar 2025 18:16

Tgt Ion: 65 Resp: 139756
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.8

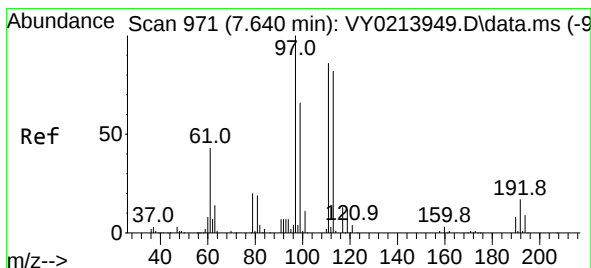
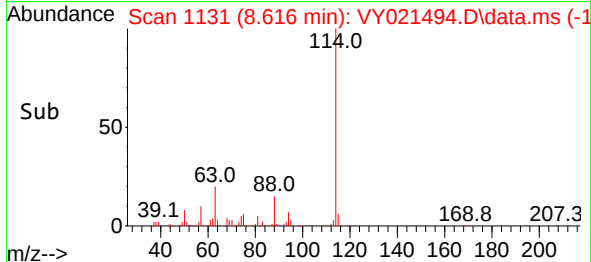
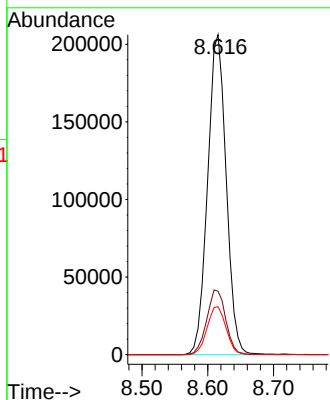
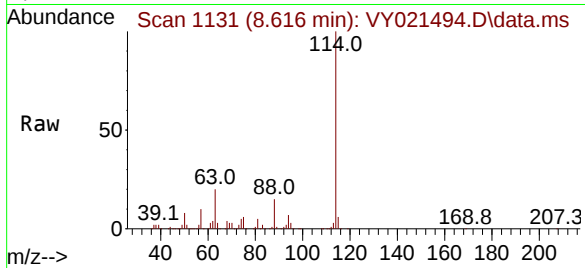




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021494.D
Acq: 11 Mar 2025 18:16

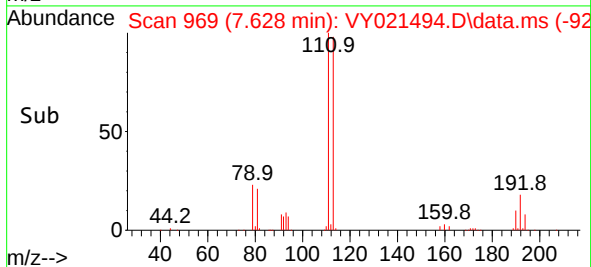
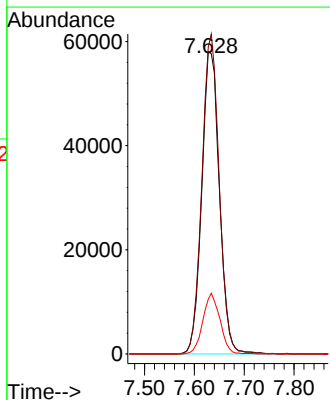
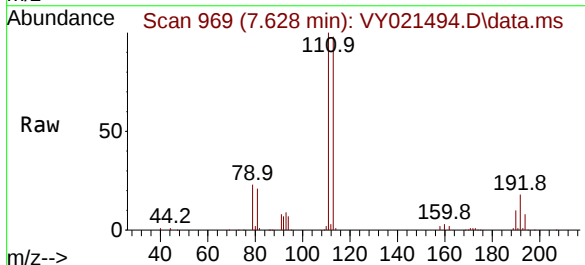
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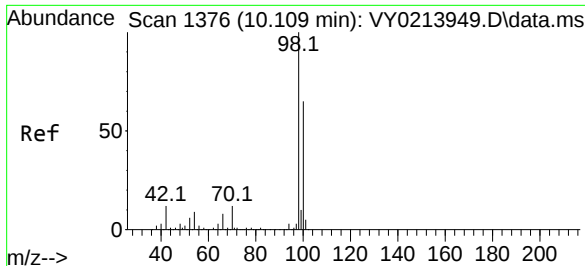
Tgt Ion:114 Resp: 405088
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.767 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY021494.D
Acq: 11 Mar 2025 18:16

Tgt Ion:113 Resp: 143166
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 19.3 15.9 23.9

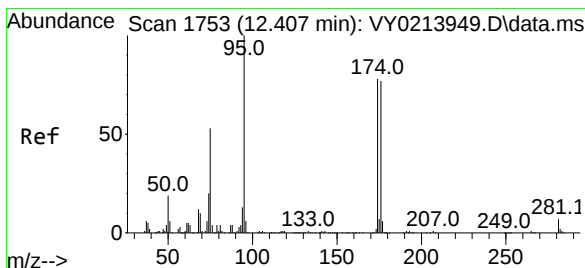
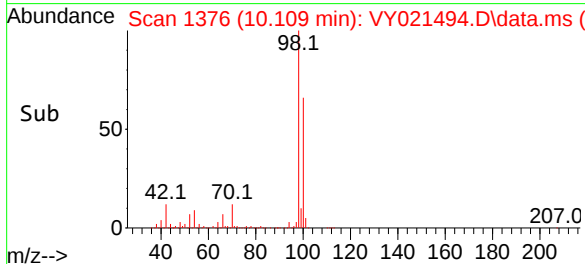
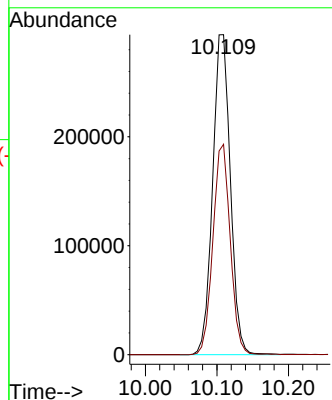
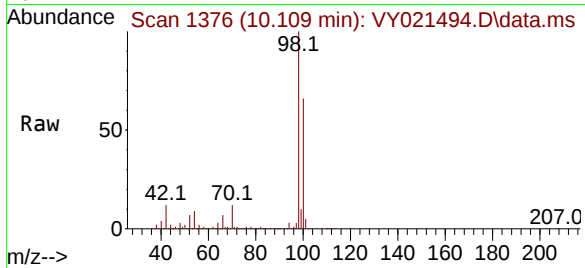




#50
Toluene-d8
Concen: 50.174 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021494.D
Acq: 11 Mar 2025 18:16

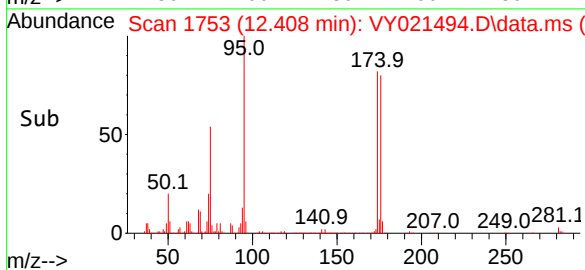
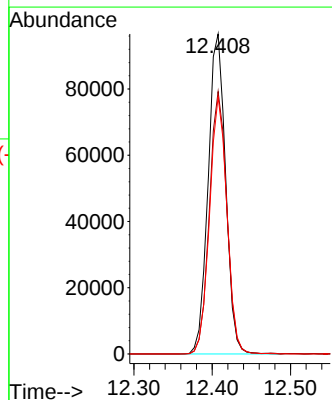
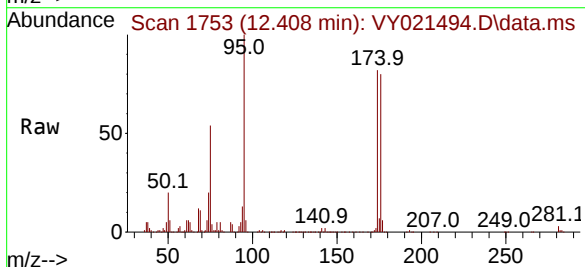
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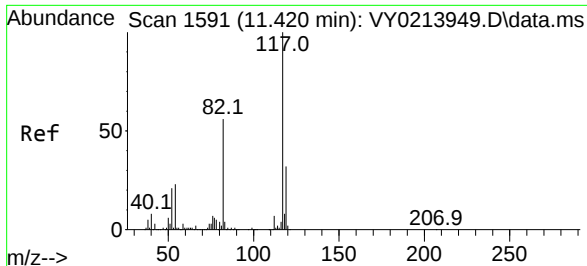
Tgt Ion: 98 Resp: 505842
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.619 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021494.D
Acq: 11 Mar 2025 18:16

Tgt Ion: 95 Resp: 149589
Ion Ratio Lower Upper
95 100
174 81.8 0.0 165.0
176 80.1 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: VY021494.D

Acq: 11 Mar 2025 18:16

Instrument :

MSVOA_Y

ClientSampleId :

OR-363-VOC-16

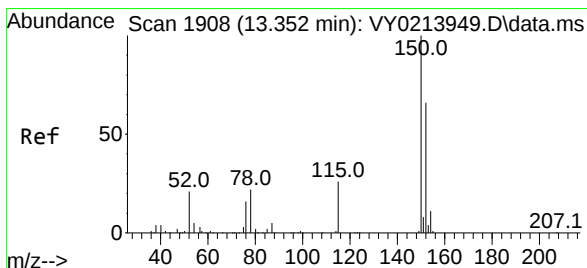
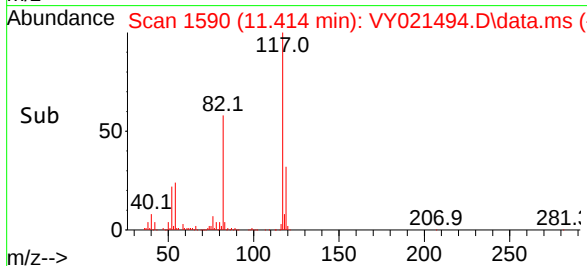
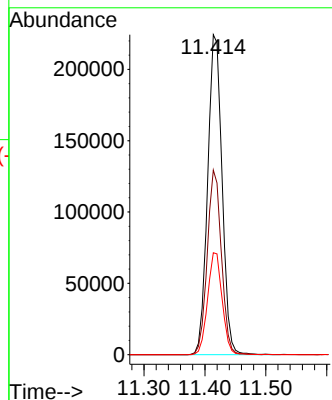
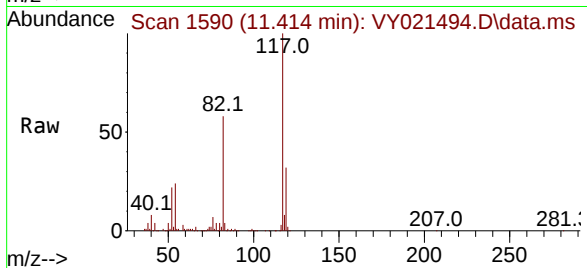
Tgt Ion:117 Resp: 369106

Ion Ratio Lower Upper

117 100

82 57.7 44.6 67.0

119 31.8 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: VY021494.D

Acq: 11 Mar 2025 18:16

Tgt Ion:152 Resp: 141341

Ion Ratio Lower Upper

152 100

115 59.3 29.0 87.0

150 159.3 0.0 347.2

