

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020912.D
 Acq On : 23 Jan 2025 13:53
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 24 00:18:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

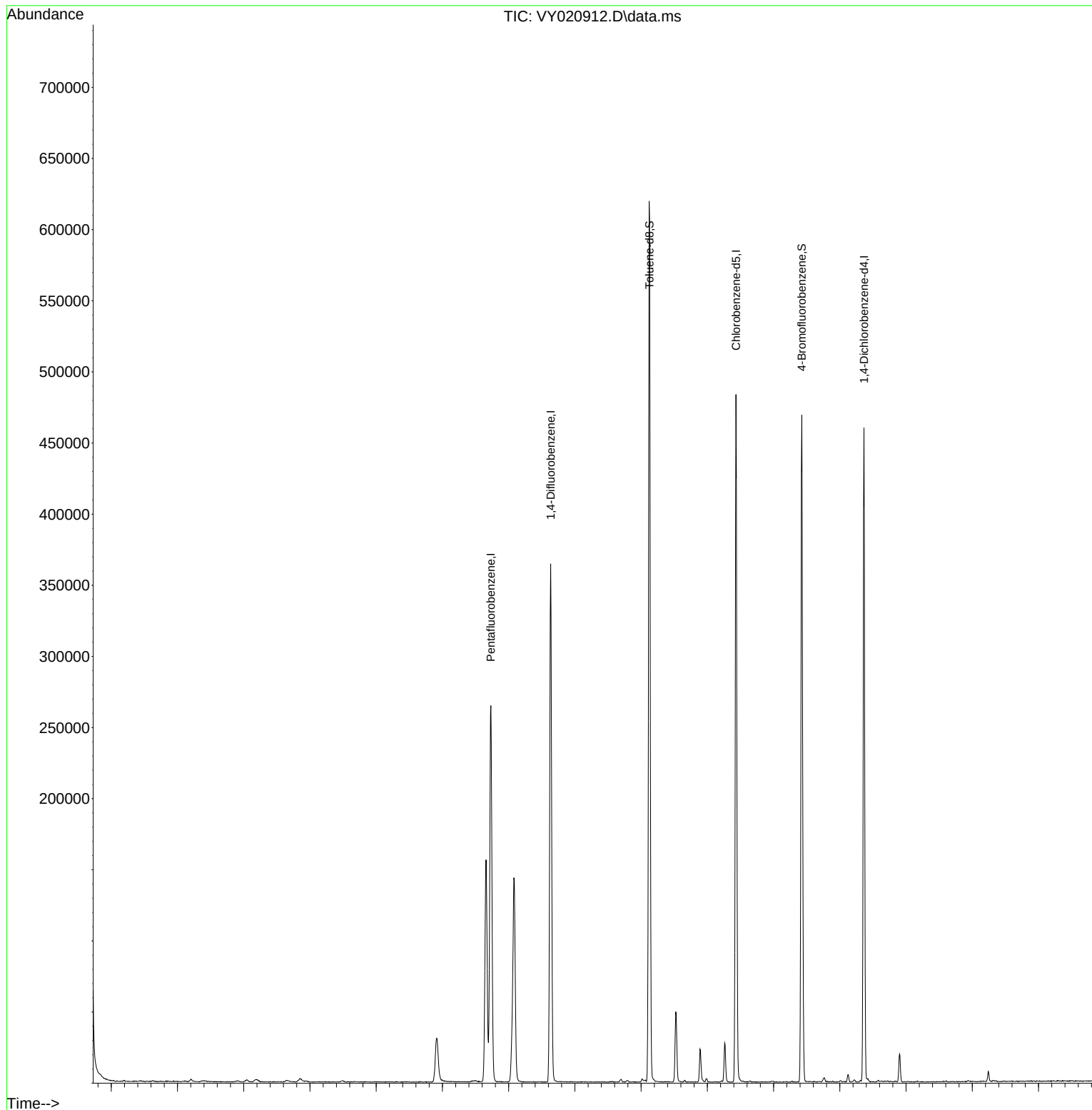
Internal Standards						
1) Pentafluorobenzene	7.732	168	217566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	328222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	268870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	121890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	104522	56.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.040%
35) Dibromofluoromethane	7.658	113	112601	54.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.520%
50) Toluene-d8	10.128	98	423138	59.030	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	118.060%
62) 4-Bromofluorobenzene	12.426	95	128584	48.575	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.160%
Target Compounds						
10) Methyl Iodide	4.043	142	2499	1.204	ug/l	Qvalue 88

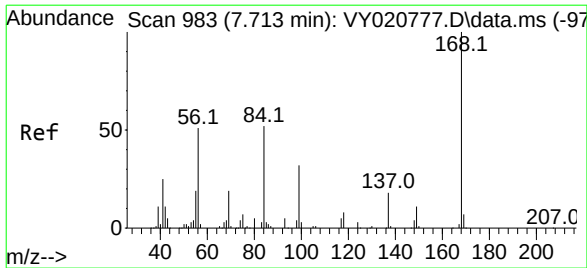
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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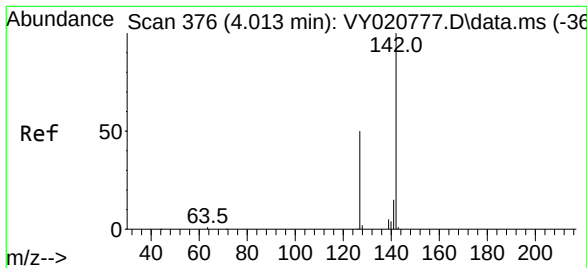
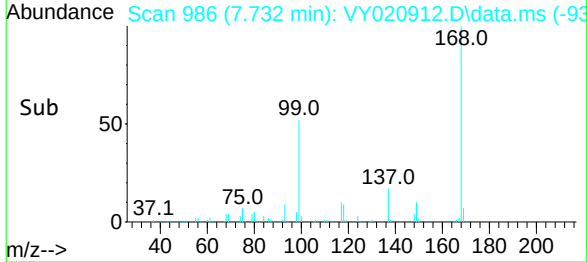
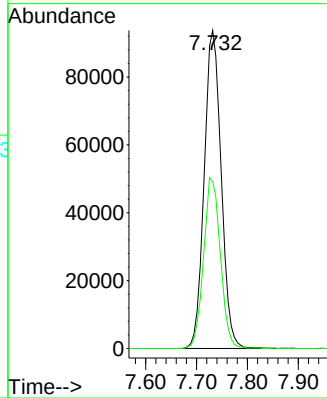
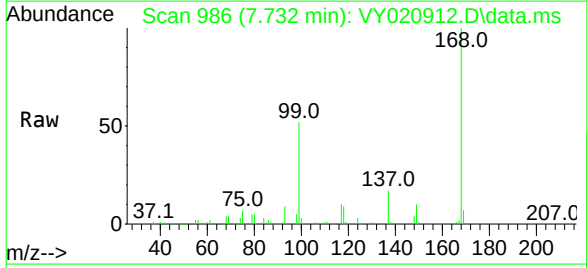




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 98
Delta R.T. -0.005 min
Lab File: VY020912.D
Acq: 23 Jan 2025 13:53

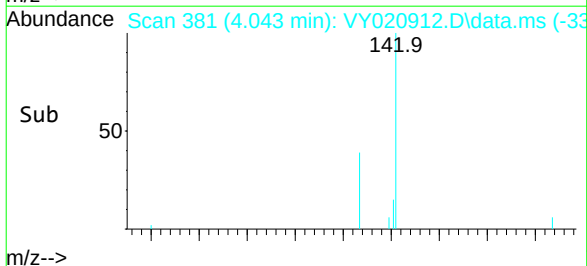
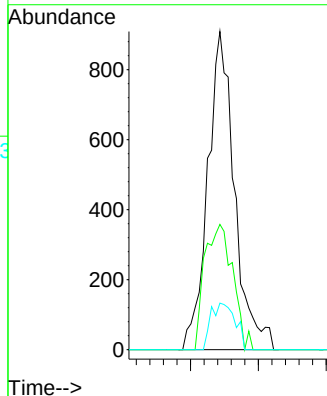
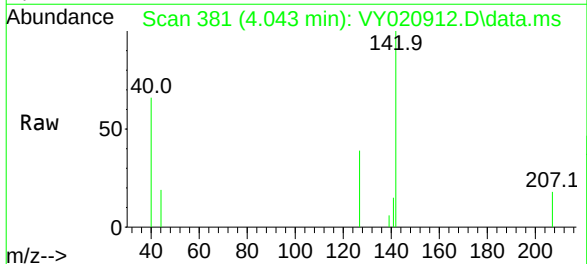
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

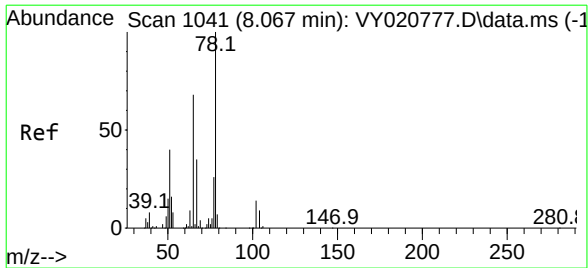
Tgt Ion:168 Resp: 217566
Ion Ratio Lower Upper
168 100
99 52.4 44.3 66.5



#10
Methyl Iodide
Concen: 1.204 ug/l
RT: 4.043 min Scan# 381
Delta R.T. 0.000 min
Lab File: VY020912.D
Acq: 23 Jan 2025 13:53

Tgt Ion:142 Resp: 2499
Ion Ratio Lower Upper
142 100
127 41.2 41.0 61.6
141 13.2 11.6 17.4

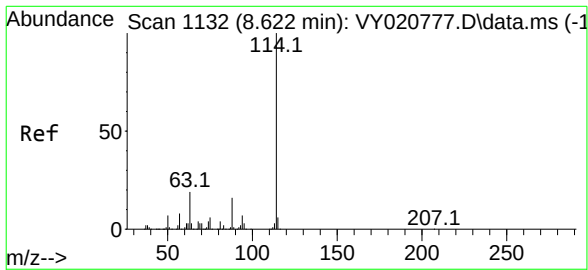
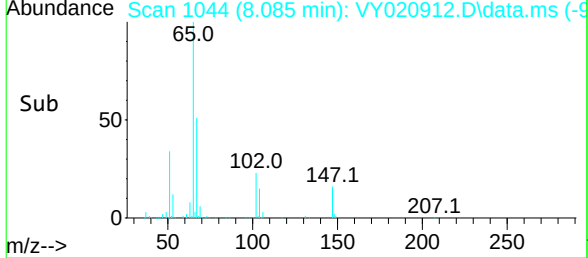
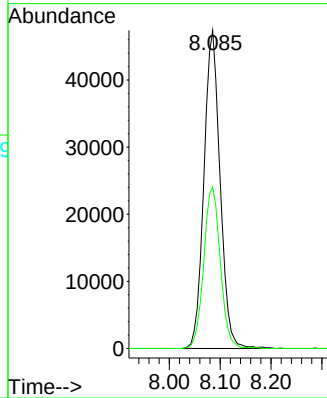
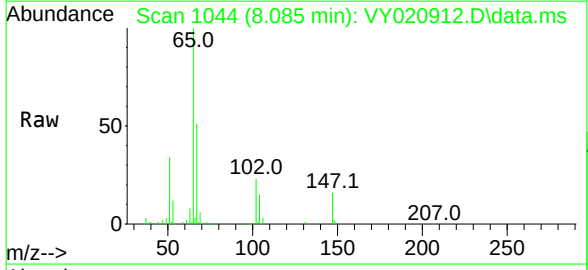




#33
 1,2-Dichloroethane-d4
 Concen: 56.522 ug/l
 RT: 8.085 min Scan# 1044
 Delta R.T. -0.006 min
 Lab File: VY020912.D
 Acq: 23 Jan 2025 13:53

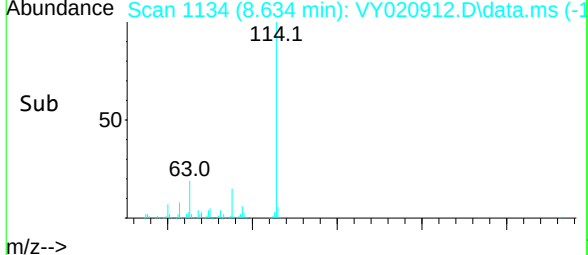
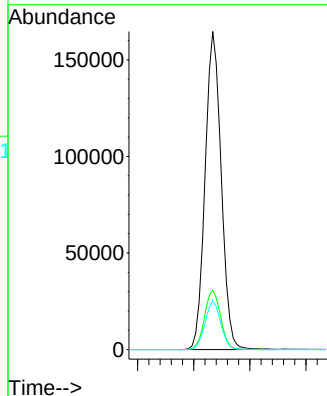
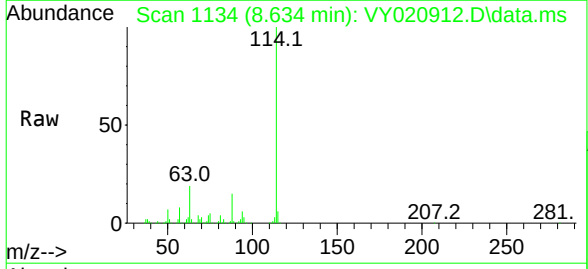
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

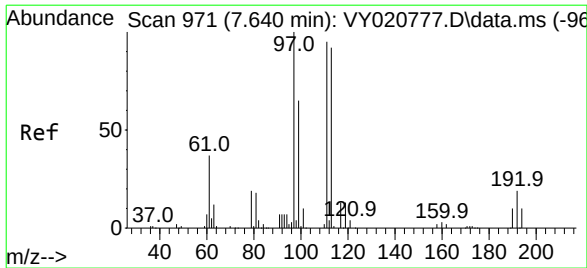
Tgt Ion: 65 Resp: 104522
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.634 min Scan# 1134
 Delta R.T. -0.006 min
 Lab File: VY020912.D
 Acq: 23 Jan 2025 13:53

Tgt Ion: 114 Resp: 328222
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 15.4 0.0 31.2

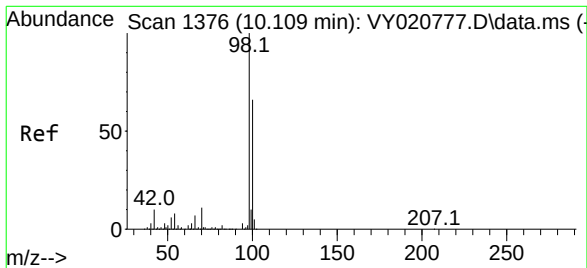
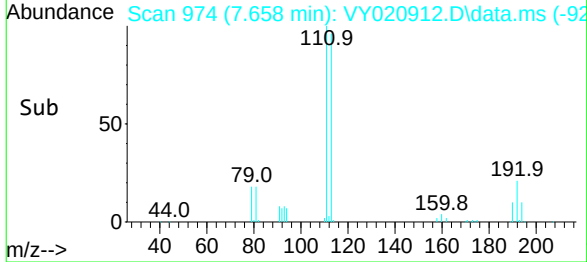
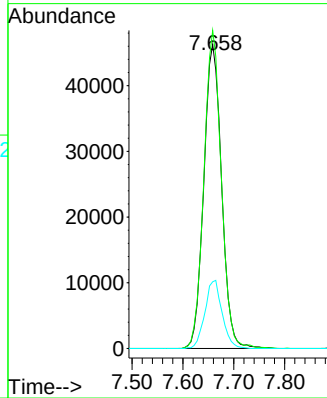
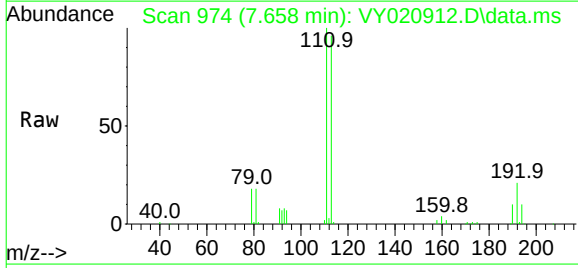




#35
Dibromofluoromethane
Concen: 54.759 ug/l
RT: 7.658 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020912.D
Acq: 23 Jan 2025 13:53

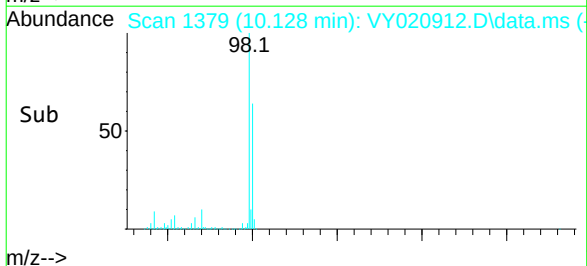
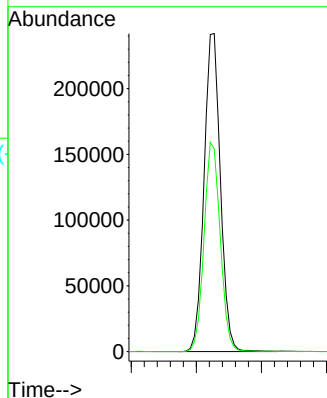
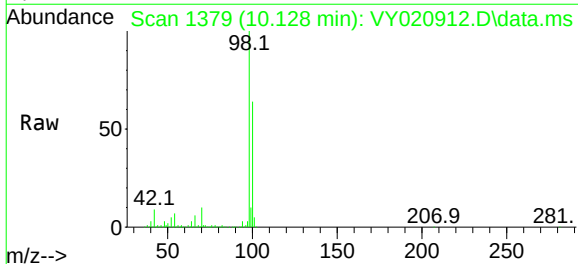
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

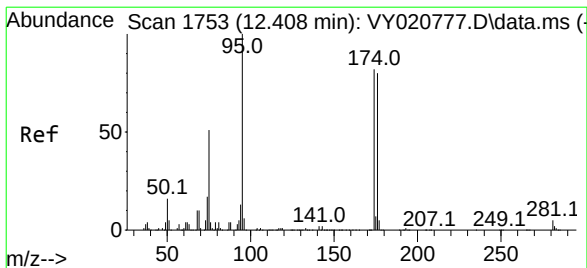
Tgt Ion:113 Resp: 112601
Ion Ratio Lower Upper
113 100
111 102.1 81.7 122.5
192 21.7 16.7 25.1



#50
Toluene-d8
Concen: 59.030 ug/l
RT: 10.128 min Scan# 1379
Delta R.T. -0.006 min
Lab File: VY020912.D
Acq: 23 Jan 2025 13:53

Tgt Ion: 98 Resp: 423138
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 48.575 ug/l

RT: 12.426 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020912.D

Acq: 23 Jan 2025 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

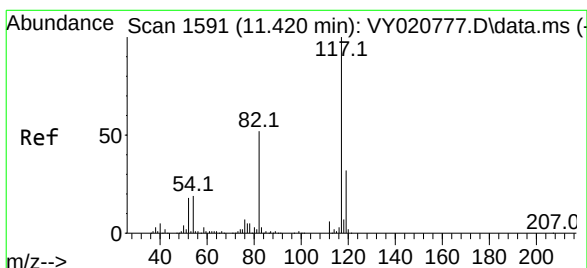
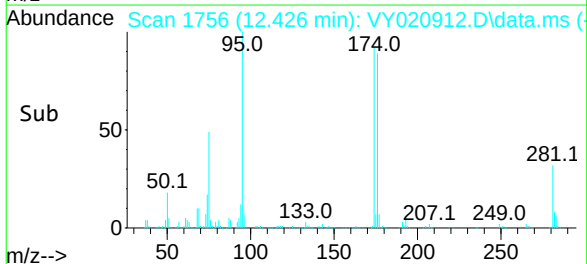
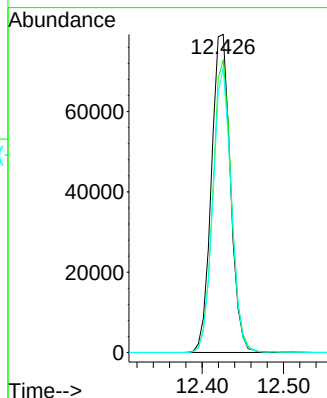
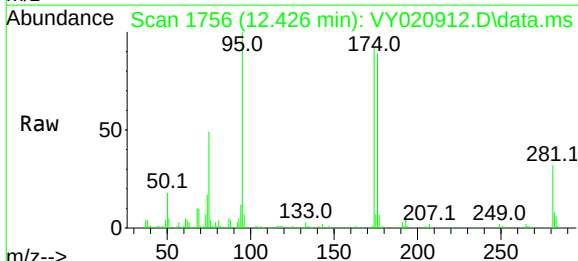
Tgt Ion: 95 Resp: 128584

Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.0

176 86.1 0.0 172.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VY020912.D

Acq: 23 Jan 2025 13:53

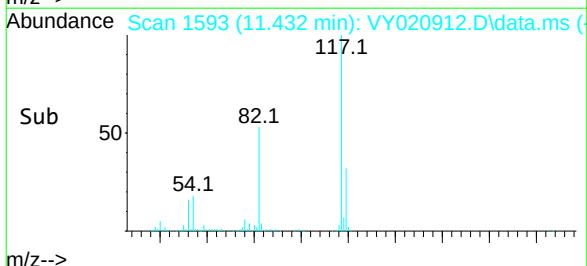
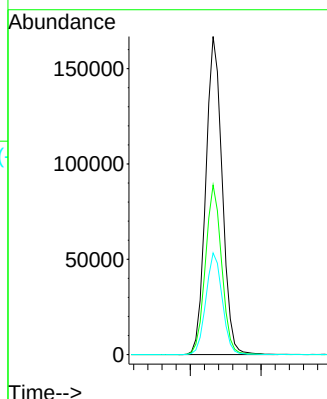
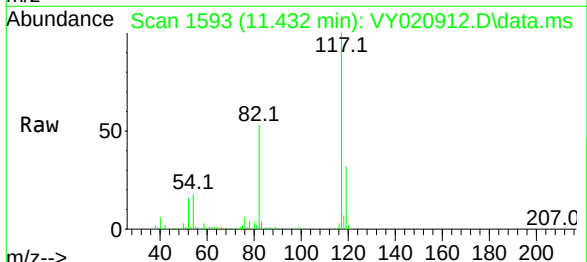
Tgt Ion: 117 Resp: 268870

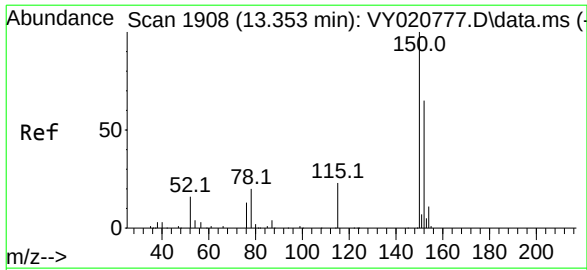
Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.6

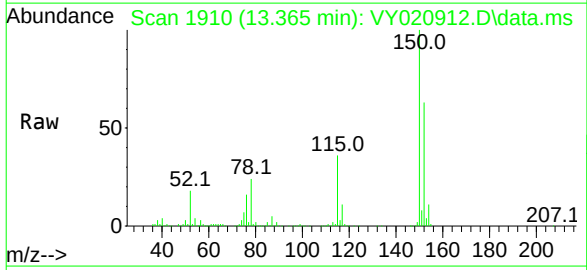
119 32.0 25.8 38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.365 min Scan# 19
Delta R.T. -0.006 min
Lab File: VY020912.D
Acq: 23 Jan 2025 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:	152	Resp:	121890
Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.0	87.0
150	156.9	0.0	347.4

