

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020953.D
 Acq On : 27 Jan 2025 17:11
 Operator : SY/MD
 Sample : Q1187-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-COMPRES

Quant Time: Jan 28 01:15:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

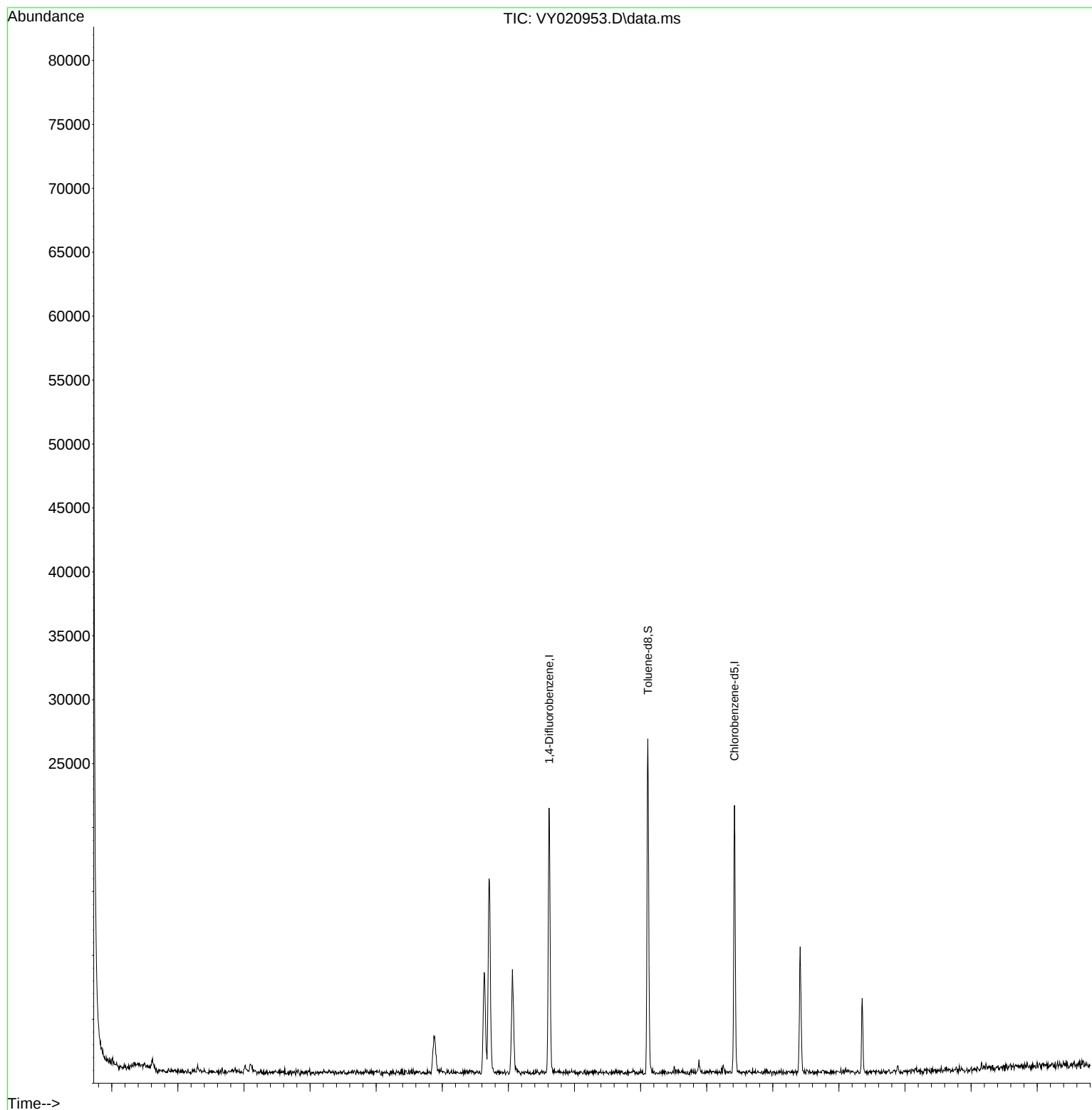
Internal Standards						
1) Pentafluorobenzene	7.713	168	13229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	18529	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	12308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	6012	56.999	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.000%
35) Dibromofluoromethane	7.634	113	5990	56.312	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.620%
50) Toluene-d8	10.109	98	18533	44.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.840%
62) 4-Bromofluorobenzene	12.414	95	2709	19.728	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.460%
Target Compounds						
5) Bromomethane	2.611	94	290	5.279	ug/l	Qvalue # 61

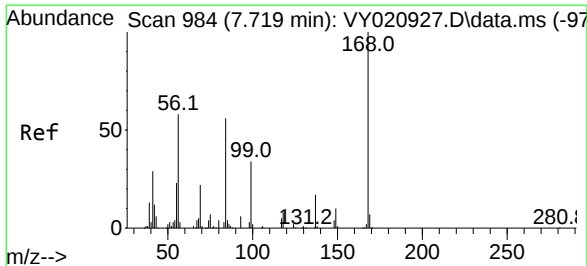
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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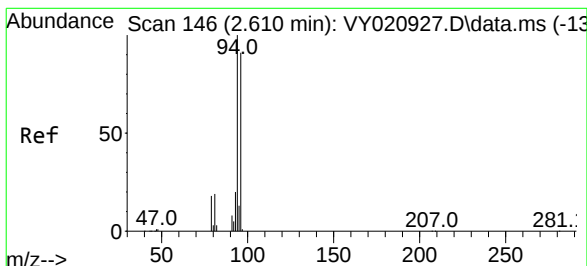
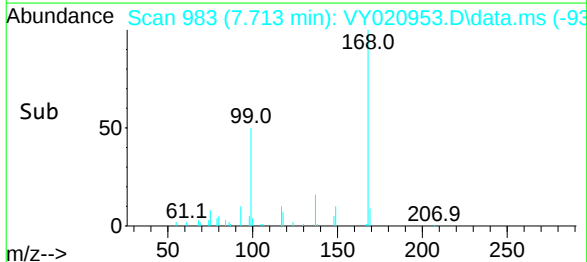
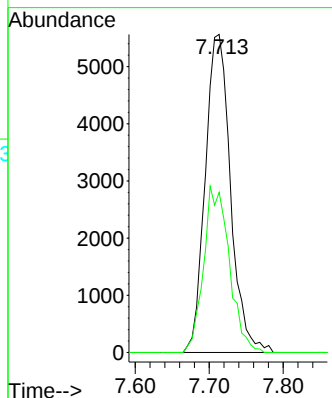
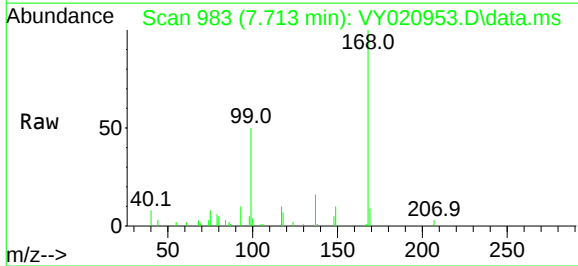




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020953.D
Acq: 27 Jan 2025 17:11

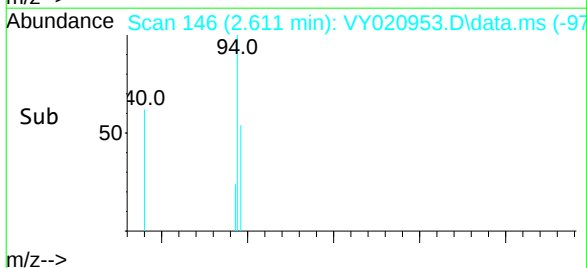
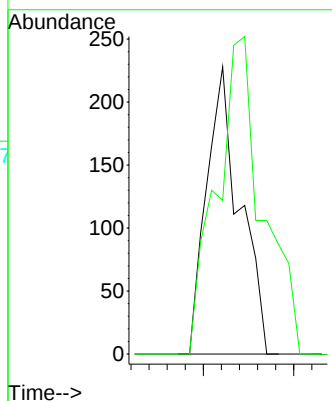
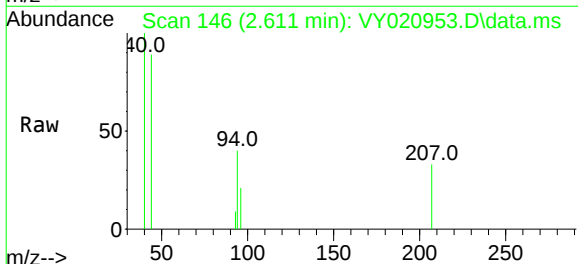
Instrument :
MSVOA_Y
ClientSampleId :
SP-COMP

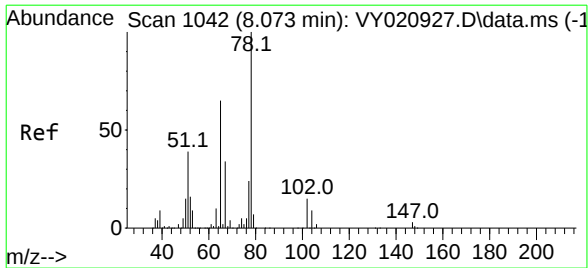
Tgt Ion: 168 Resp: 13229
Ion Ratio Lower Upper
168 100
99 50.4 43.0 64.6



#5
Bromomethane
Concen: 5.279 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020953.D
Acq: 27 Jan 2025 17:11

Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 53.5 72.6 109.0#

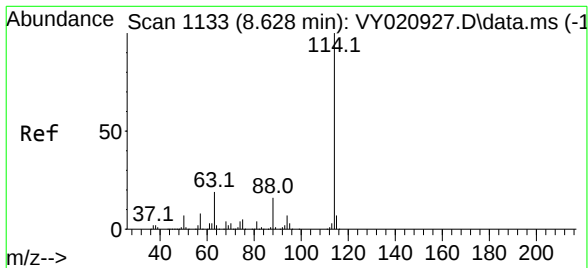
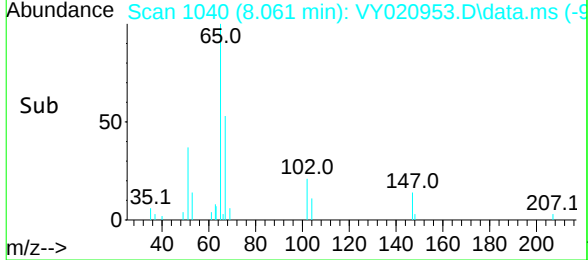
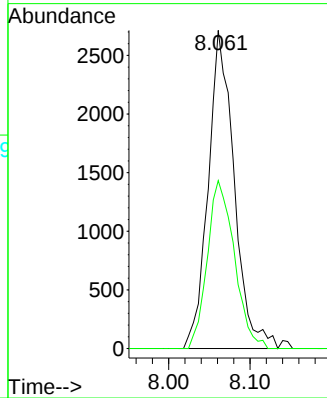
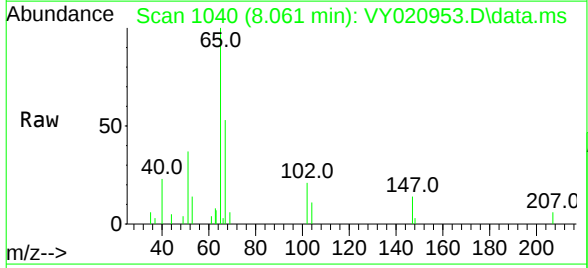




#33
 1,2-Dichloroethane-d4
 Concen: 56.999 ug/l
 RT: 8.061 min Scan# 1042
 Delta R.T. -0.012 min
 Lab File: VY020953.D
 Acq: 27 Jan 2025 17:11

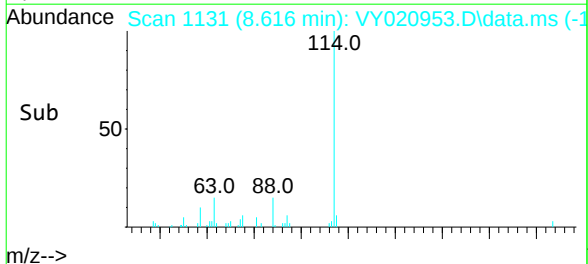
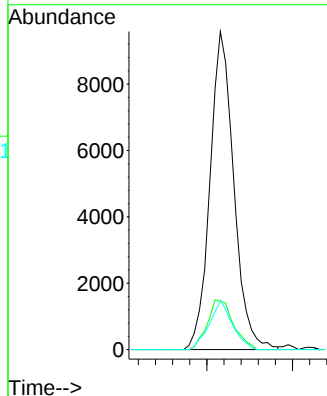
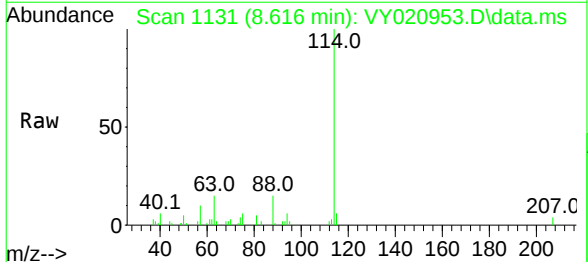
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-COMPRES

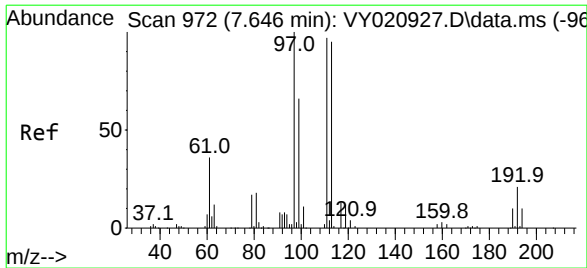
Tgt Ion: 65 Resp: 6012
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.012 min
 Lab File: VY020953.D
 Acq: 27 Jan 2025 17:11

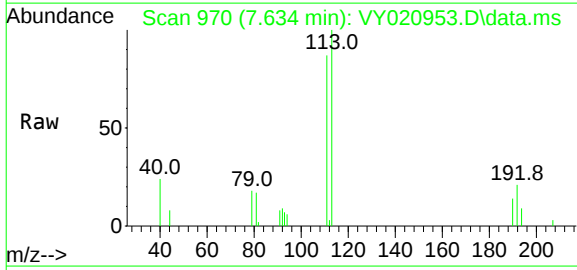
Tgt Ion: 114 Resp: 18529
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 38.4
 88 15.5 0.0 31.6



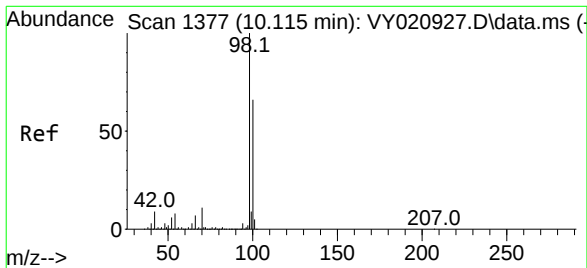
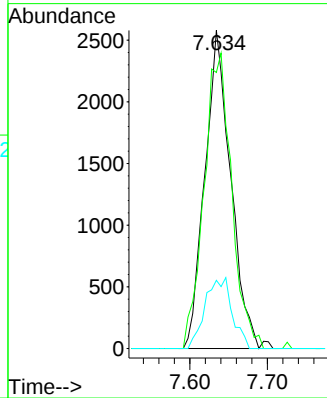
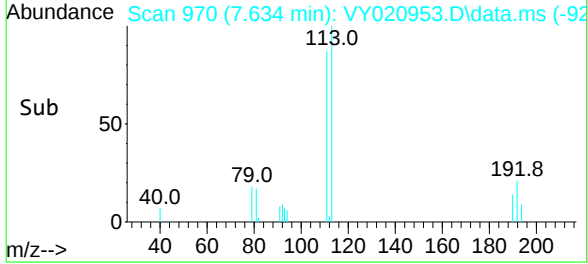


#35
Dibromofluoromethane
Concen: 56.312 ug/l
RT: 7.634 min Scan# 97
Delta R.T. -0.012 min
Lab File: VY020953.D
Acq: 27 Jan 2025 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SP-COMP

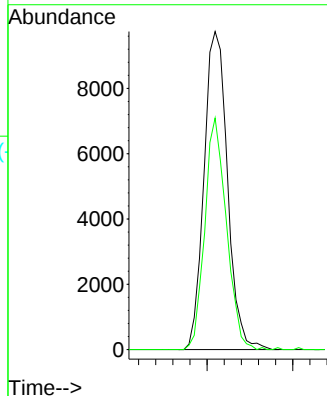
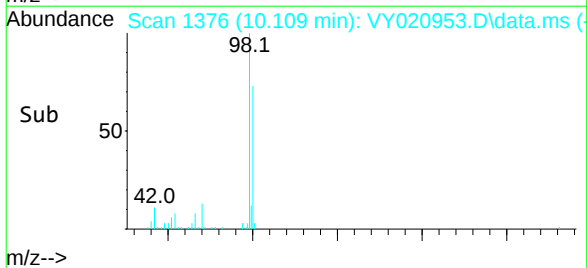
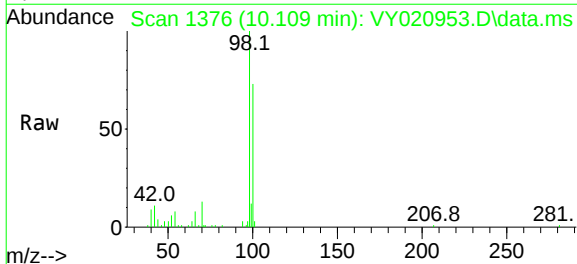


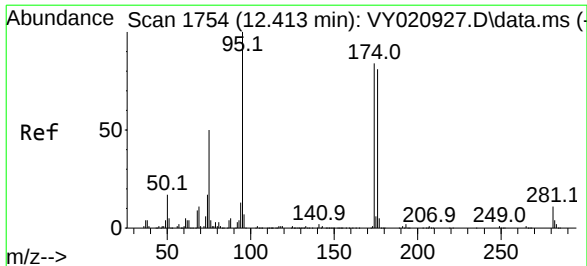
Tgt Ion: 113 Resp: 5990
Ion Ratio Lower Upper
113 100
111 99.1 82.3 123.5
192 23.1 17.4 26.2



#50
Toluene-d8
Concen: 44.918 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020953.D
Acq: 27 Jan 2025 17:11

Tgt Ion: 98 Resp: 18533
Ion Ratio Lower Upper
98 100
100 67.1 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 19.728 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020953.D

Acq: 27 Jan 2025 17:11

Instrument :

MSVOA_Y

ClientSampleId :

SP-COMP

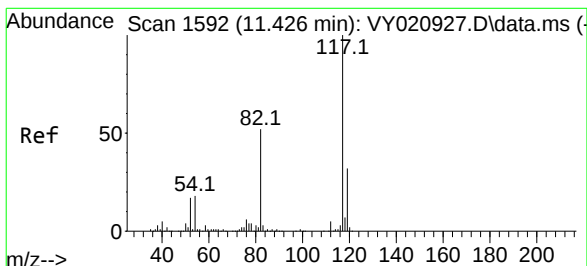
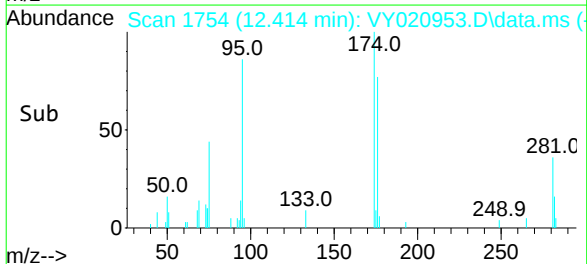
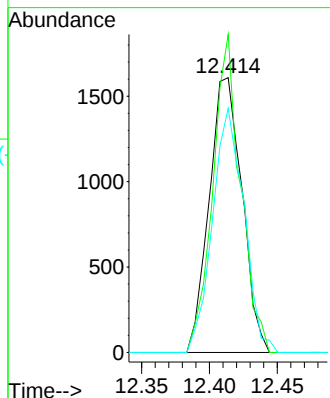
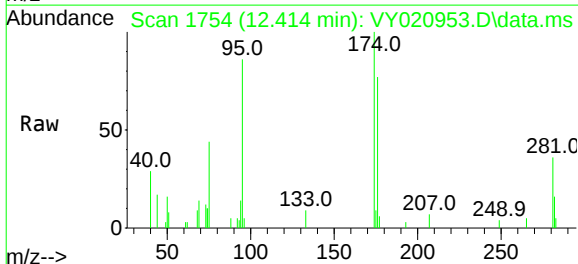
Tgt Ion: 95 Resp: 2709

Ion Ratio Lower Upper

95 100

174 97.6 0.0 177.4

176 85.2 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020953.D

Acq: 27 Jan 2025 17:11

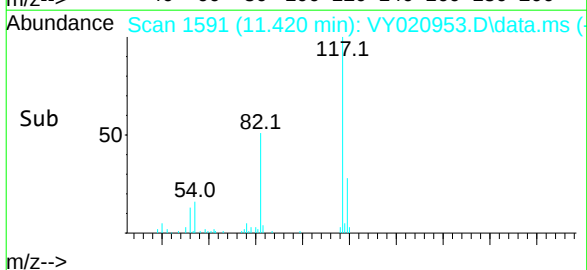
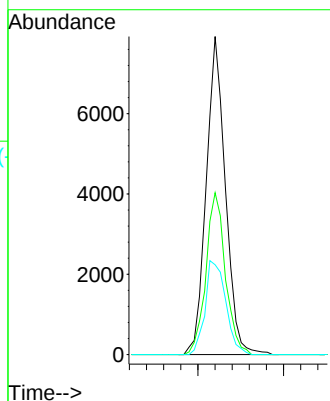
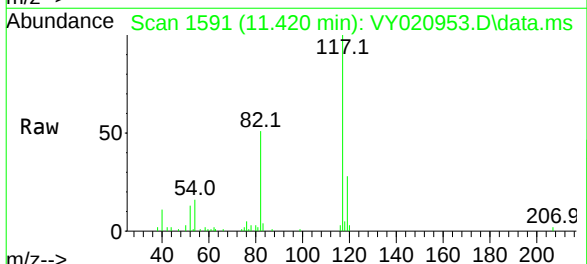
Tgt Ion: 117 Resp: 12308

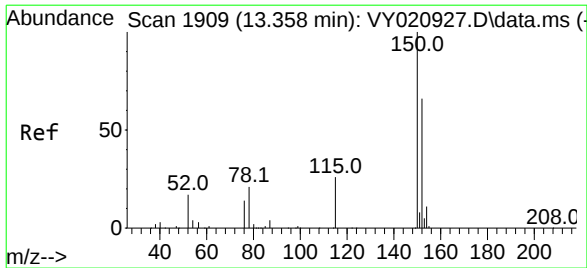
Ion Ratio Lower Upper

117 100

82 50.9 41.8 62.8

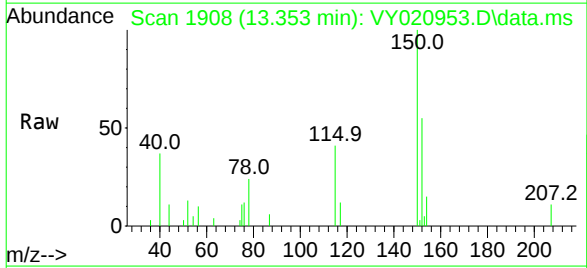
119 28.2 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY020953.D
 Acq: 27 Jan 2025 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-COMP



Tgt Ion:	152	Resp:	1570
Ion	Ratio	Lower	Upper
152	100		
115	65.7	29.0	87.0
150	169.2	0.0	347.6

