

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020951.D
 Acq On : 27 Jan 2025 16:24
 Operator : SY/MD
 Sample : Q1194-03
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-113-SB01

Quant Time: Jan 28 01:15:13 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	427947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	666781	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	538661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	250424	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163199	47.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.660%
35) Dibromofluoromethane	7.640	113	182113	47.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.109	98	699677	47.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.407	95	216063	43.725	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.460%

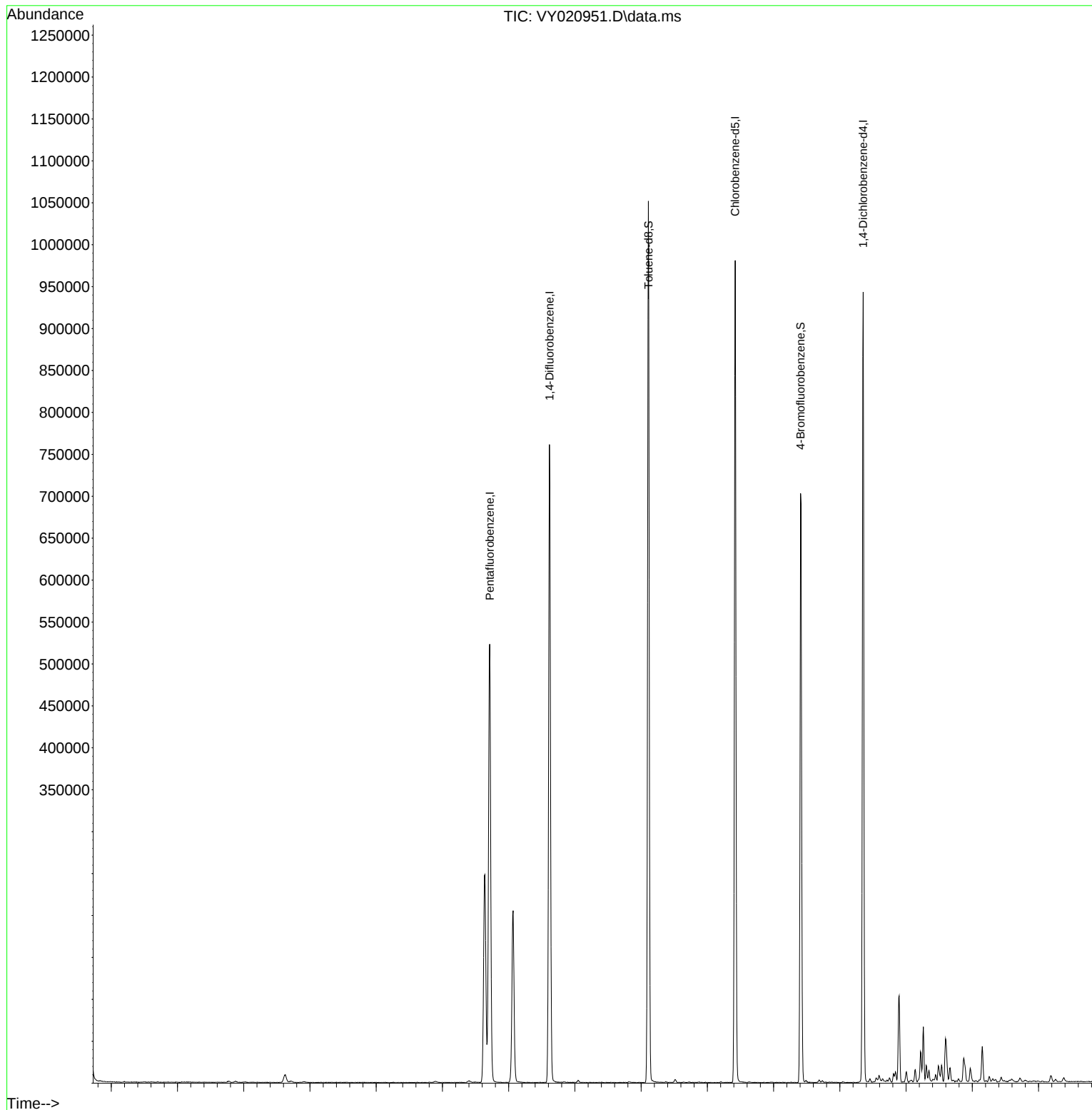
Target Compounds	Qvalue

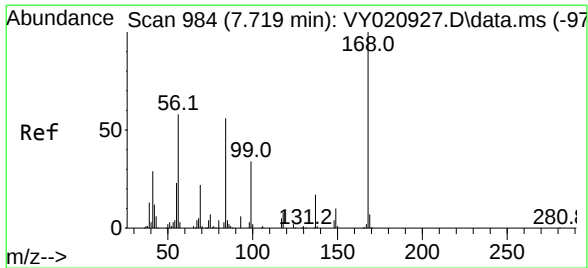
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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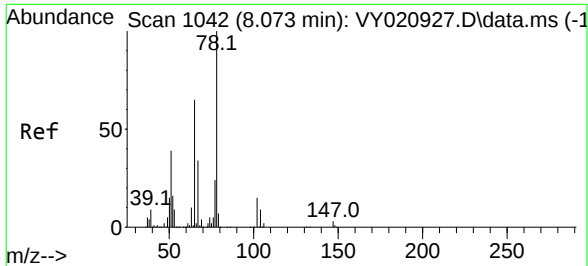
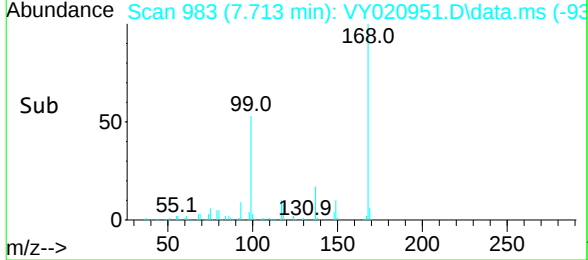
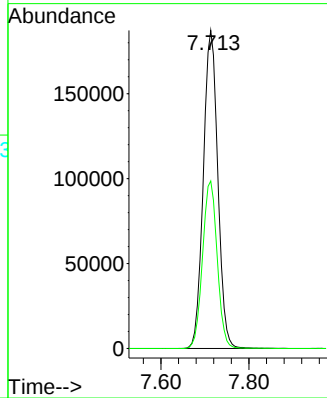
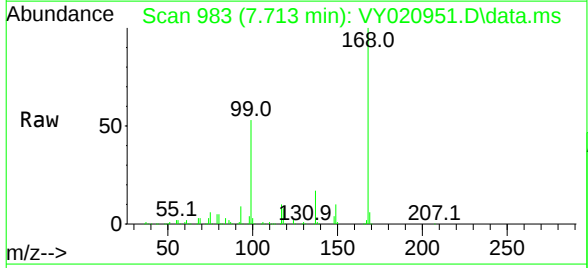




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

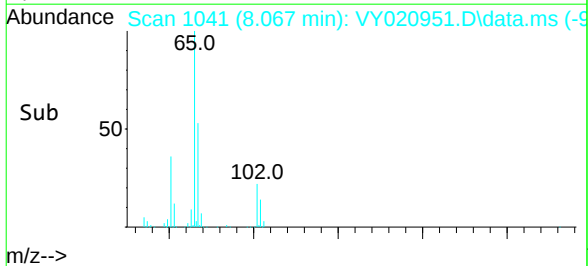
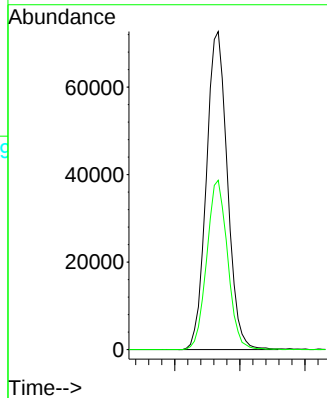
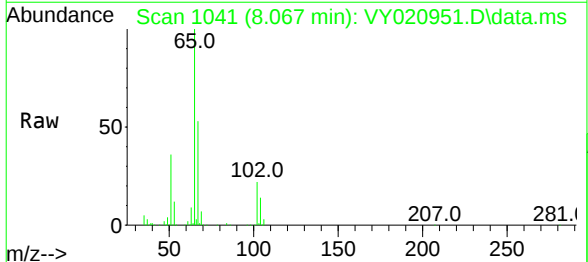
Instrument :
MSVOA_Y
ClientSampleId :
B-113-SB01

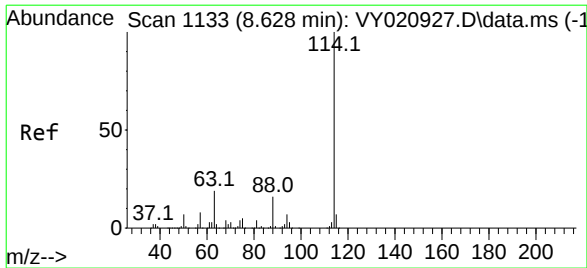
Tgt Ion:168 Resp: 427947
Ion Ratio Lower Upper
168 100
99 52.7 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 47.830 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

Tgt Ion: 65 Resp: 163199
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8

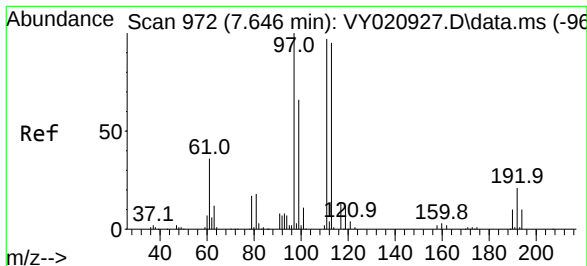
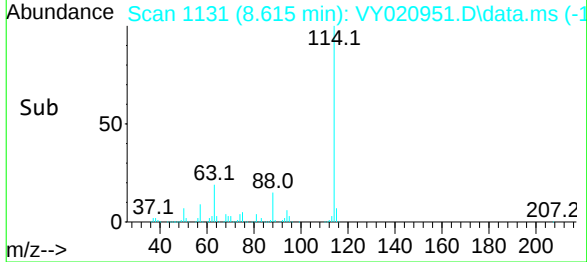
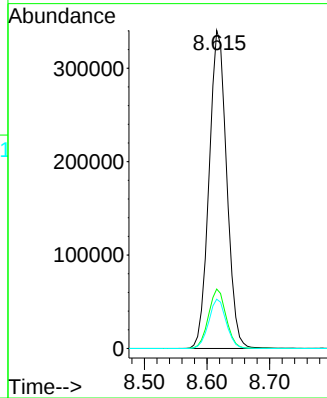
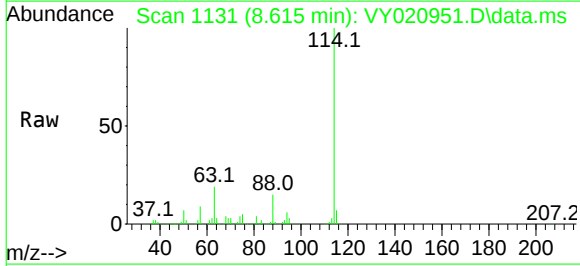




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1133
Delta R.T. -0.012 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

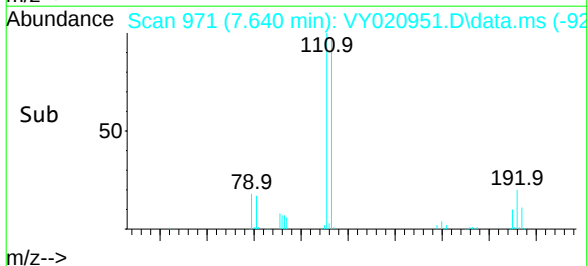
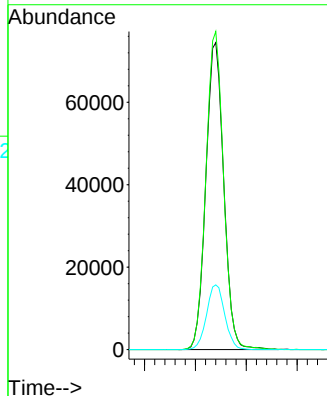
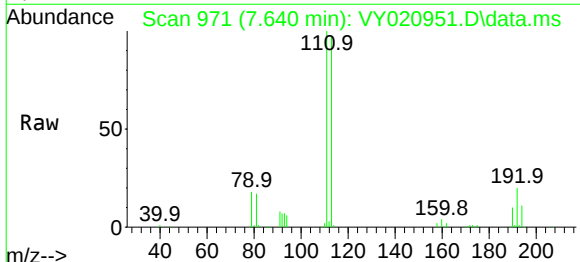
Instrument :
MSVOA_Y
ClientSampleId :
B-113-SB01

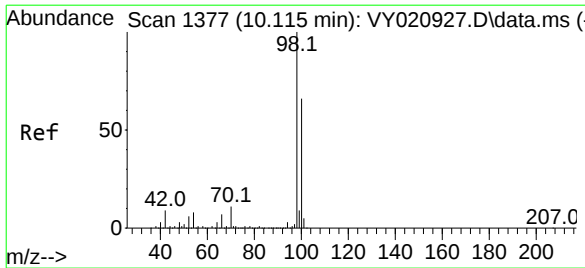
Tgt Ion:114 Resp: 666781
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 15.5 0.0 31.6



#35
Dibromofluoromethane
Concen: 47.575 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020951.D
Acq: 27 Jan 2025 16:24

Tgt Ion:113 Resp: 182113
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 21.4 17.4 26.2





#50

Toluene-d8

Concen: 47.124 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020951.D

Acq: 27 Jan 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

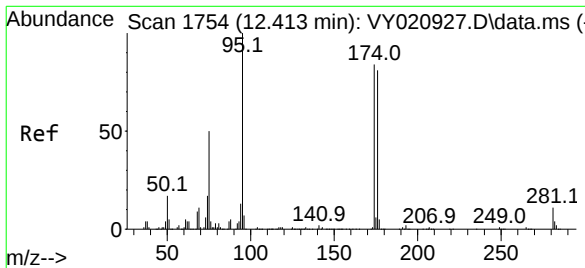
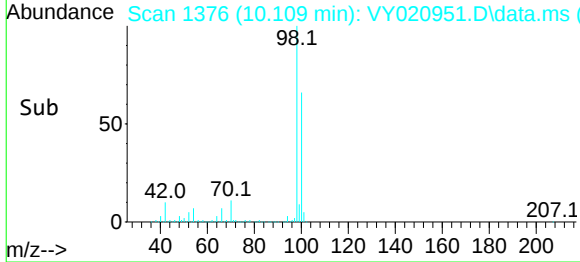
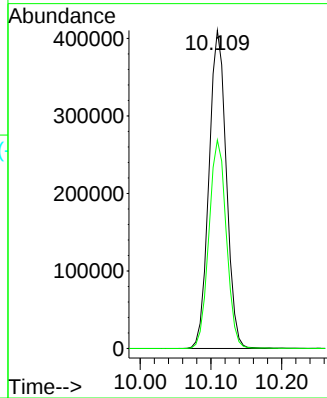
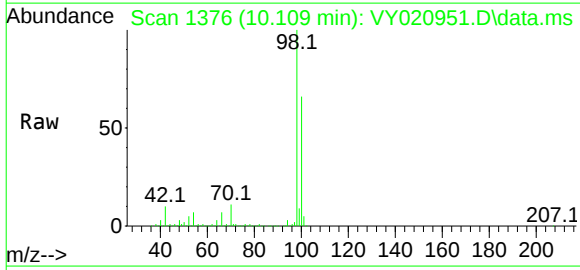
B-113-SB01

Tgt Ion: 98 Resp: 699677

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.725 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020951.D

Acq: 27 Jan 2025 16:24

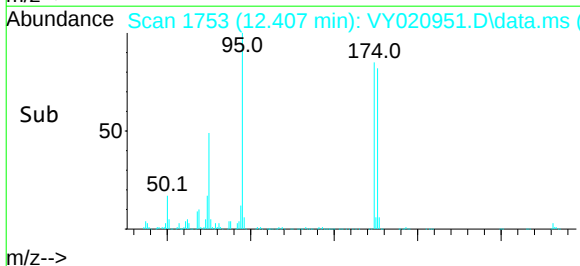
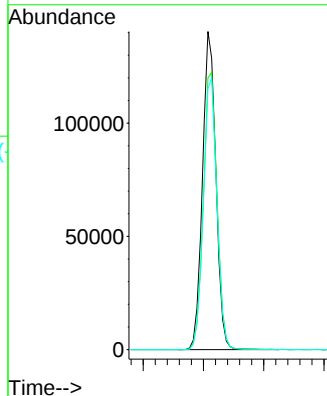
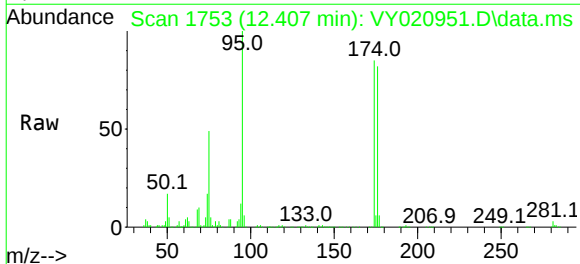
Tgt Ion: 95 Resp: 216063

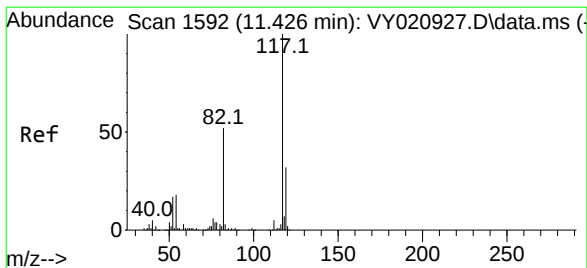
Ion Ratio Lower Upper

95 100

174 89.4 0.0 177.4

176 86.4 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020951.D

Acq: 27 Jan 2025 16:24

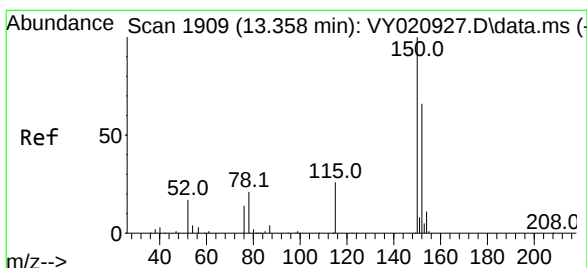
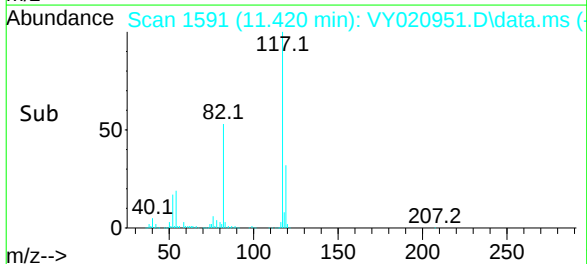
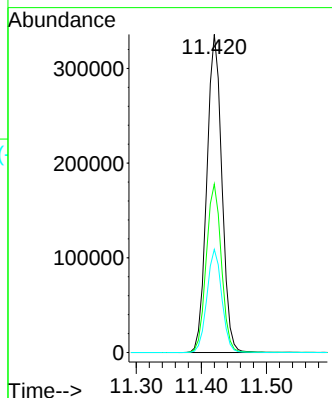
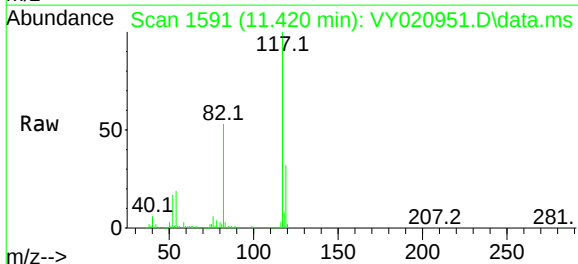
Instrument :

MSVOA_Y

ClientSampleId :

B-113-SB01

Tgt Ion:	117	Resp:	538661
Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.8
119	32.4	26.0	39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020951.D

Acq: 27 Jan 2025 16:24

Tgt Ion:	152	Resp:	250424
Ion	Ratio	Lower	Upper
152	100		
115	56.3	29.0	87.0
150	156.2	0.0	347.6

