

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020948.D
 Acq On : 27 Jan 2025 15:10
 Operator : SY/MD
 Sample : Q1194-03
 Misc : 8.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-113-SB01

Quant Time: Jan 28 01:14:04 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	8581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	11963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	6018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	3327	48.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.260%
35) Dibromofluoromethane	7.640	113	3540	51.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.100%
50) Toluene-d8	10.115	98	10871	40.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.620%
62) 4-Bromofluorobenzene	12.426	95	1009	11.381	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	22.760%#

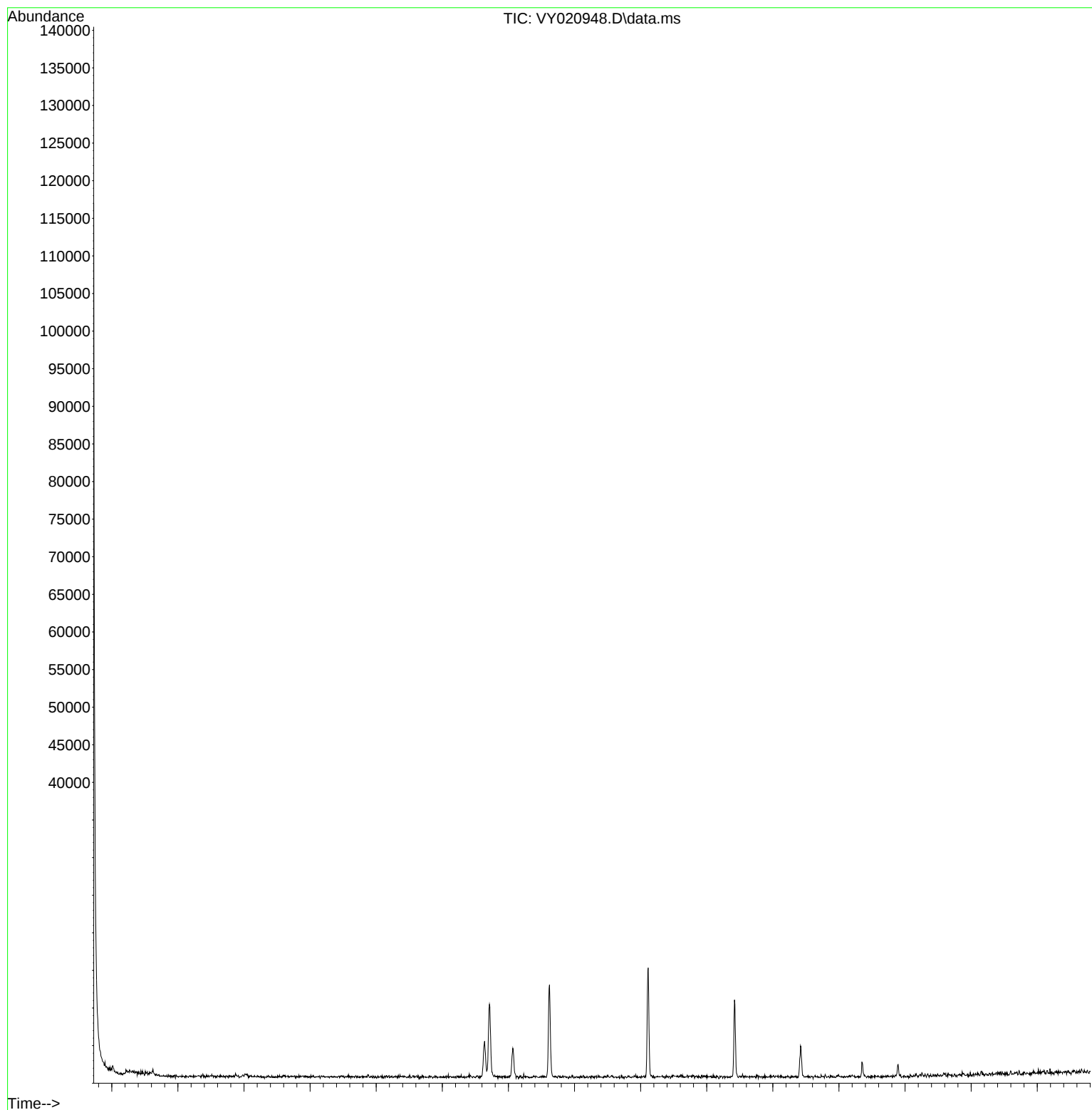
Target Compounds	Qvalue

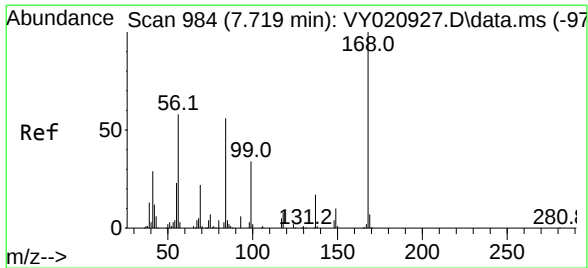
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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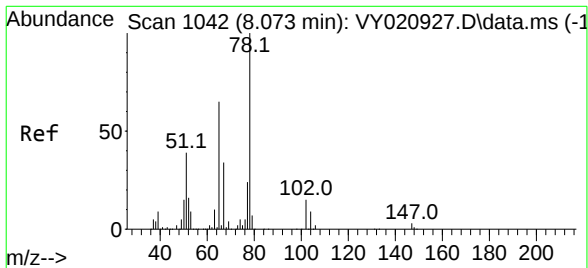
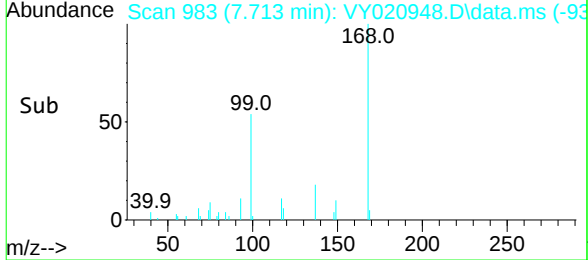
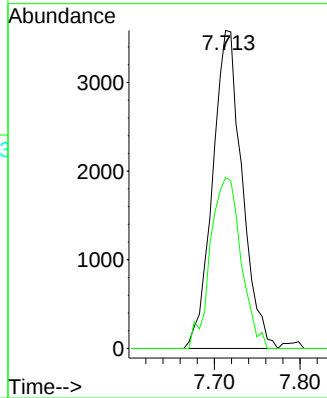
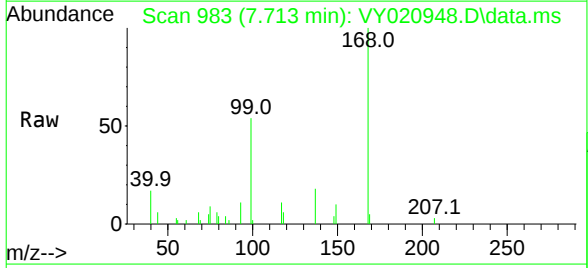




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.713 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: VY020948.D
 Acq: 27 Jan 2025 15:10

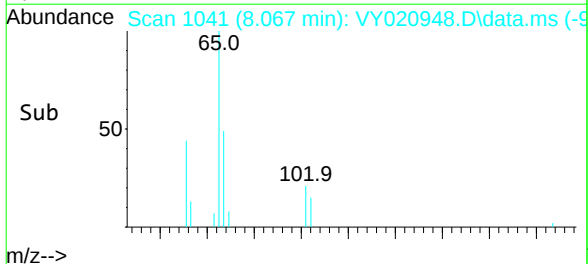
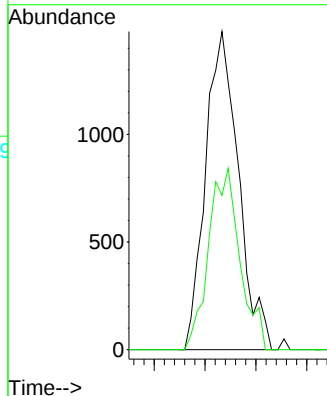
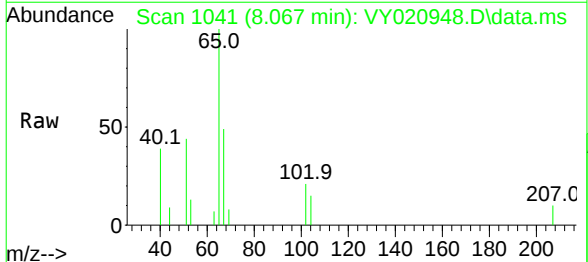
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-113-SB01

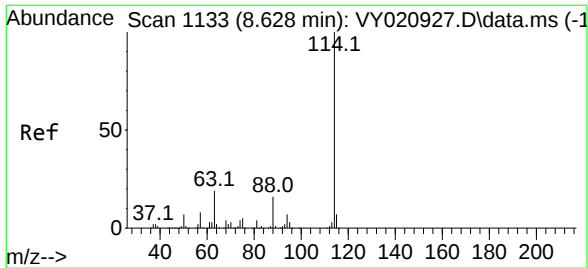
Tgt Ion: 168 Resp: 8581
 Ion Ratio Lower Upper
 168 100
 99 53.7 43.0 64.6



#33
 1,2-Dichloroethane-d4
 Concen: 48.628 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. -0.006 min
 Lab File: VY020948.D
 Acq: 27 Jan 2025 15:10

Tgt Ion: 65 Resp: 3327
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.8

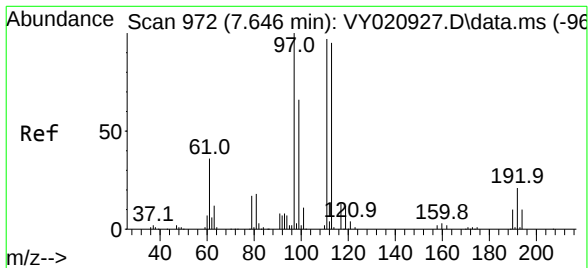
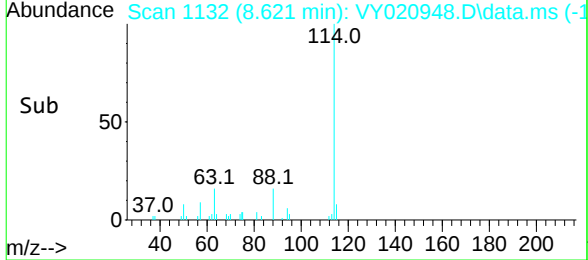
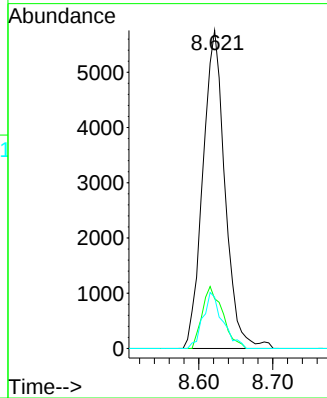
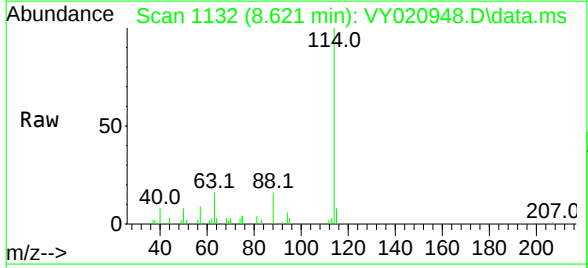




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020948.D
Acq: 27 Jan 2025 15:10

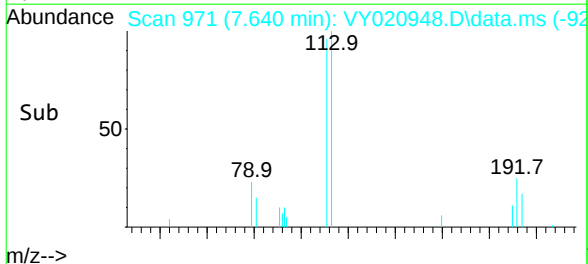
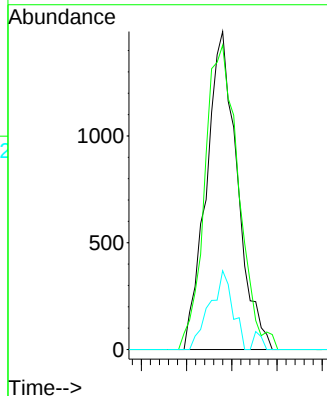
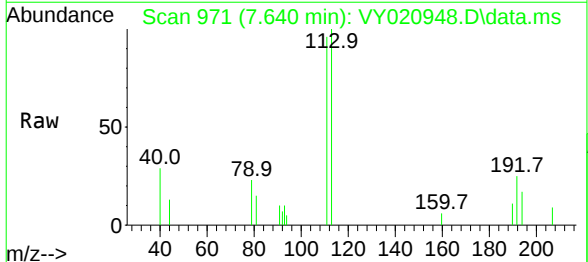
Instrument :
MSVOA_Y
ClientSampleId :
B-113-SB01

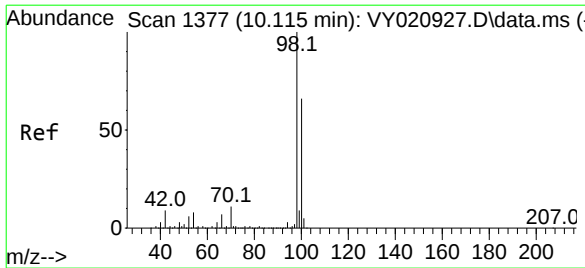
Tgt Ion:	114	Resp:	11963
Ion	Ratio	Lower	Upper
114	100		
63	15.6	0.0	38.4
88	16.1	0.0	31.6



#35
Dibromofluoromethane
Concen: 51.545 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020948.D
Acq: 27 Jan 2025 15:10

Tgt Ion:	113	Resp:	3540
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.3	123.5
192	18.3	17.4	26.2





#50

Toluene-d8

Concen: 40.809 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VY020948.D

Acq: 27 Jan 2025 15:10

Instrument :

MSVOA_Y

ClientSampleId :

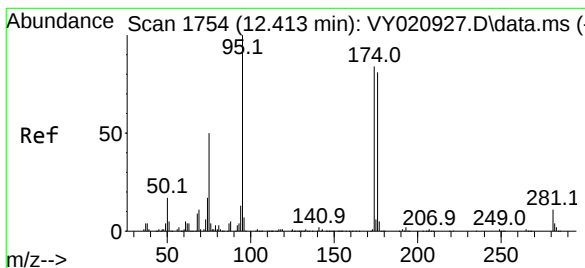
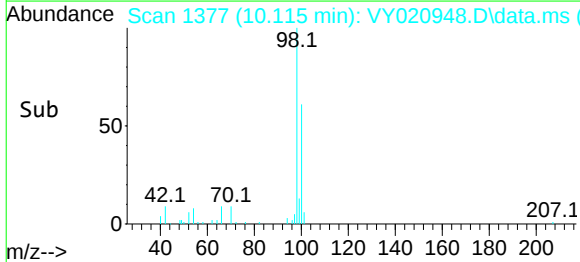
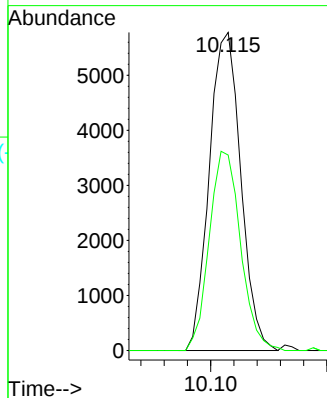
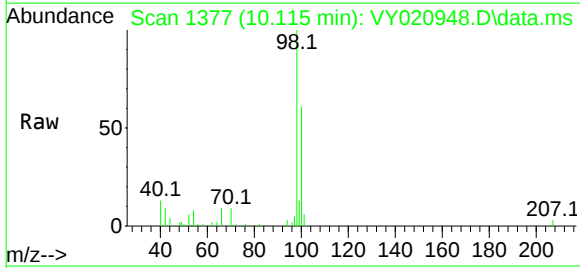
B-113-SB01

Tgt Ion: 98 Resp: 10871

Ion Ratio Lower Upper

98 100

100 62.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 11.381 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. 0.012 min

Lab File: VY020948.D

Acq: 27 Jan 2025 15:10

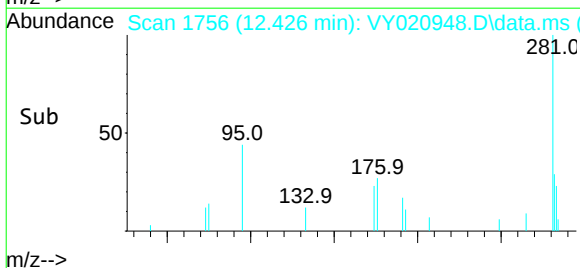
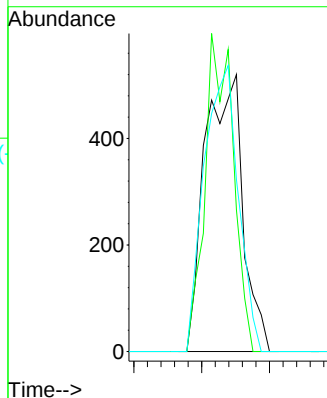
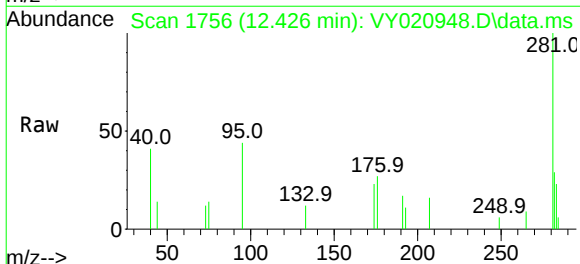
Tgt Ion: 95 Resp: 1009

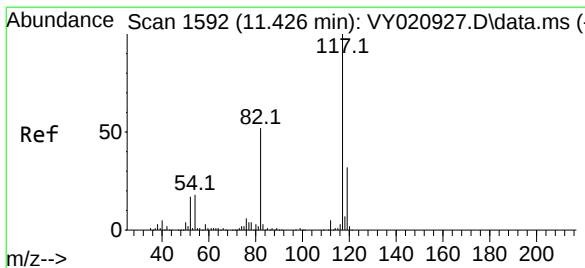
Ion Ratio Lower Upper

95 100

174 85.2 0.0 177.4

176 93.1 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY020948.D

Acq: 27 Jan 2025 15:10

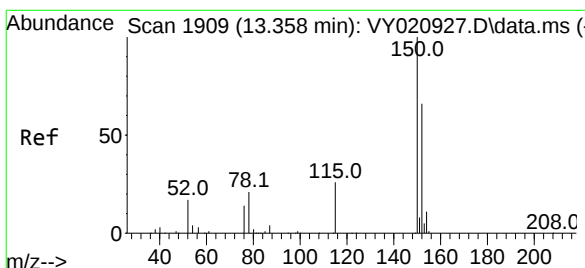
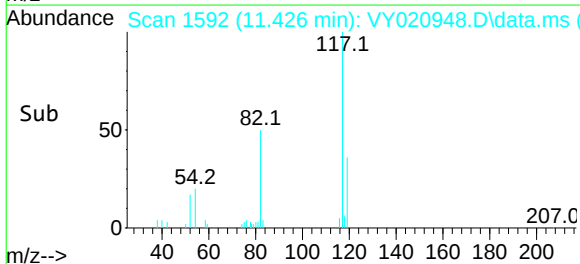
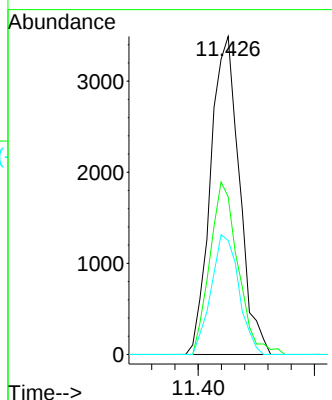
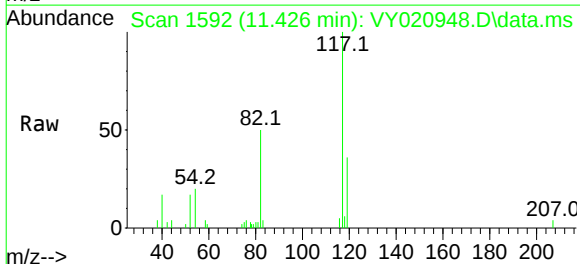
Instrument :

MSVOA_Y

ClientSampleId :

B-113-SB01

Tgt Ion:	117	Resp:	6018
Ion	Ratio	Lower	Upper
117	100		
82	49.6	41.8	62.8
119	35.8	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: VY020948.D

Acq: 27 Jan 2025 15:10

Tgt Ion:	152	Resp:	729
Ion	Ratio	Lower	Upper
152	100		
115	49.2	29.0	87.0
150	146.5	0.0	347.6

