

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020897.D
 Acq On : 22 Jan 2025 12:35
 Operator : SY/MD
 Sample : Q1142-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-1-012125-VOCRE

Quant Time: Jan 23 00:45:21 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	7.726	168	4931	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	6529	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.432	117	2435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	595	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	2317	55.283	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.560%
35) Dibromofluoromethane	7.652	113	2363	57.770	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.540%
50) Toluene-d8	10.122	98	5006	35.108	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.220%
62) 4-Bromofluorobenzene	12.414	95	462	8.774	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	17.540%#

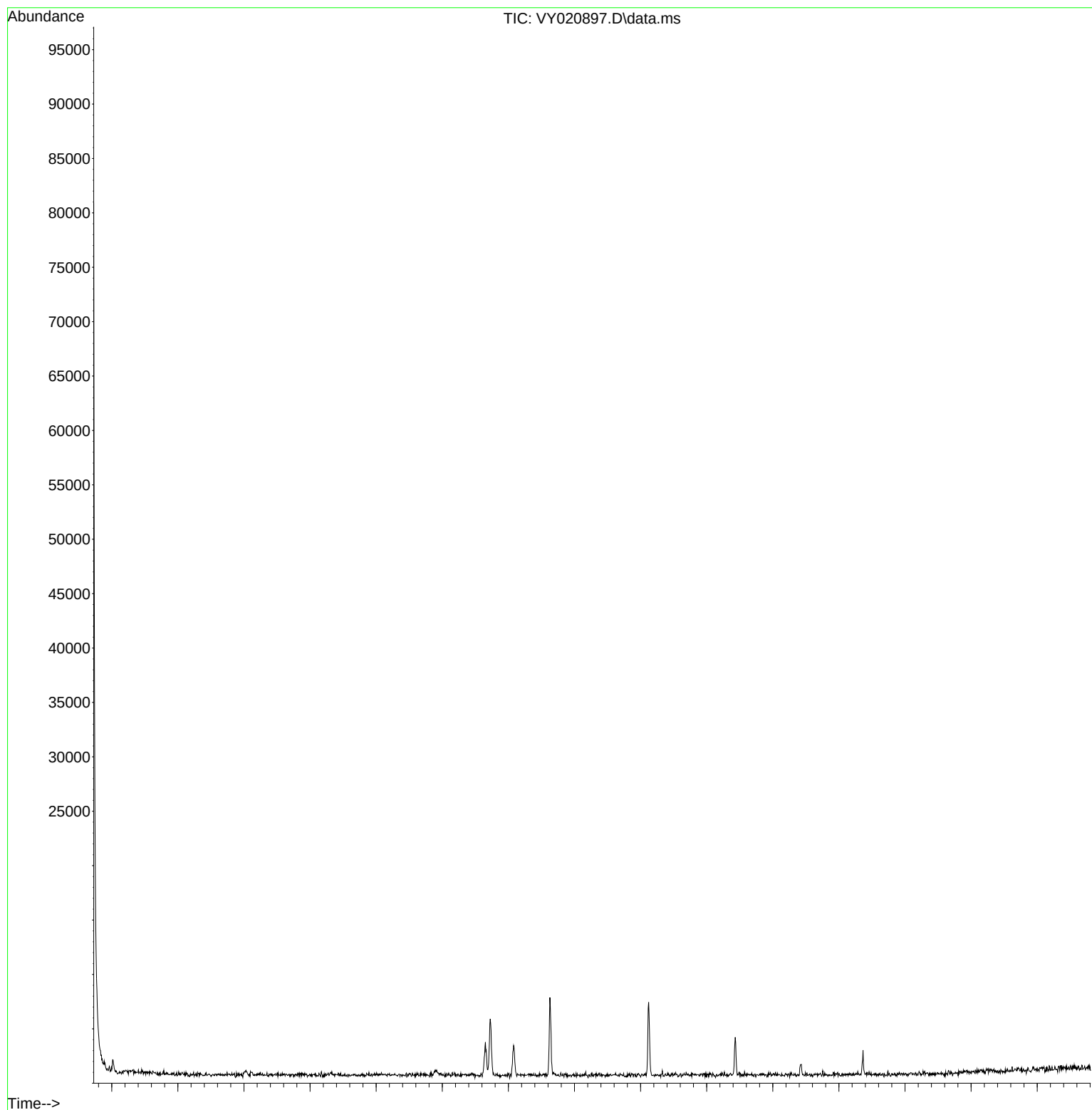
Target Compounds	Qvalue

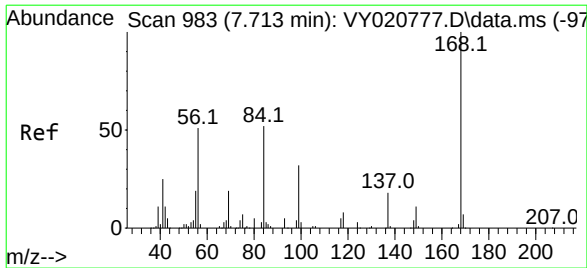
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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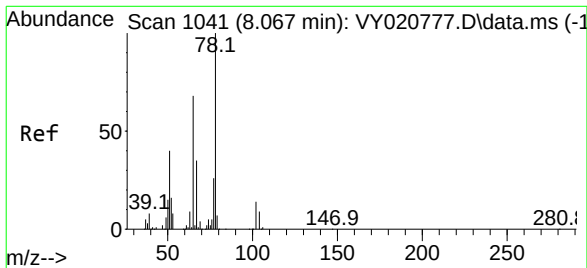
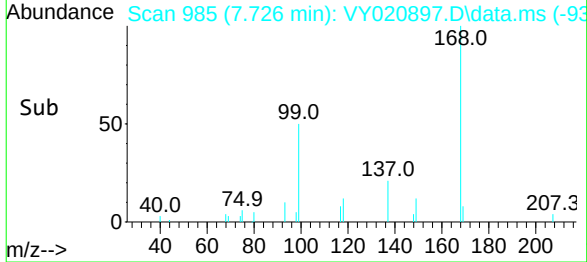
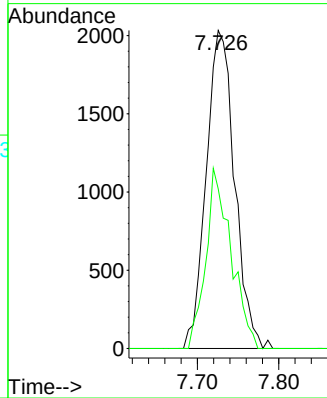
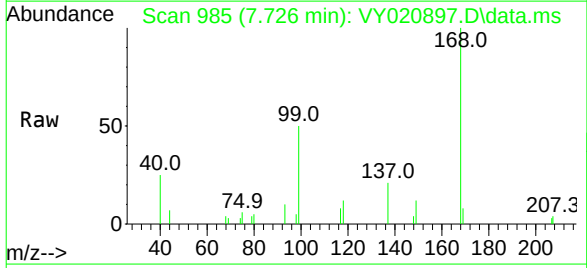




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. -0.011 min
Lab File: VY020897.D
Acq: 22 Jan 2025 12:35

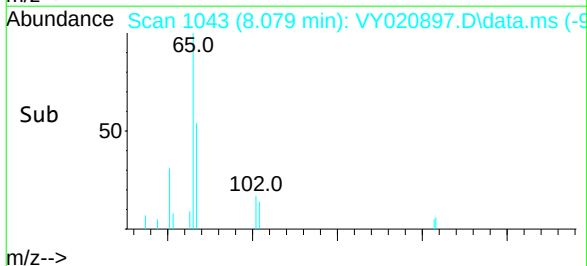
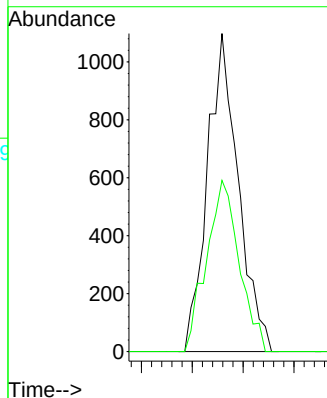
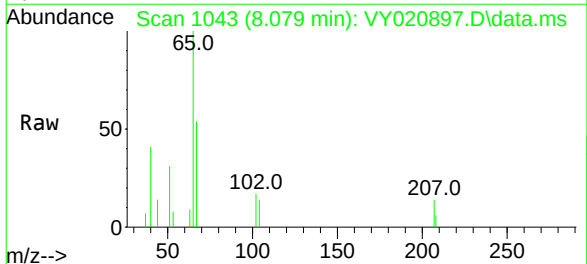
Instrument :
MSVOA_Y
ClientSampleId :
PL-1-012125-VOCRE

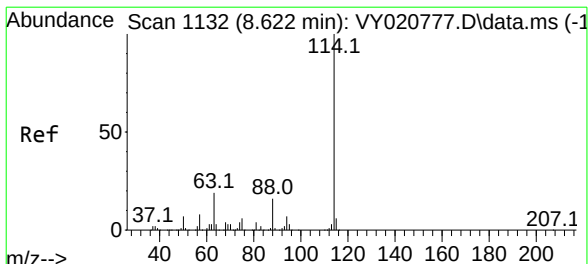
Tgt Ion:168 Resp: 4931
Ion Ratio Lower Upper
168 100
99 50.2 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 55.283 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020897.D
Acq: 22 Jan 2025 12:35

Tgt Ion: 65 Resp: 2317
Ion Ratio Lower Upper
65 100
67 56.9 0.0 102.8

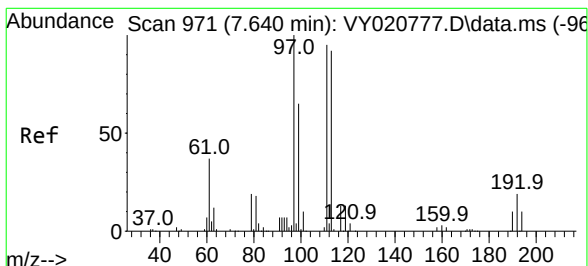
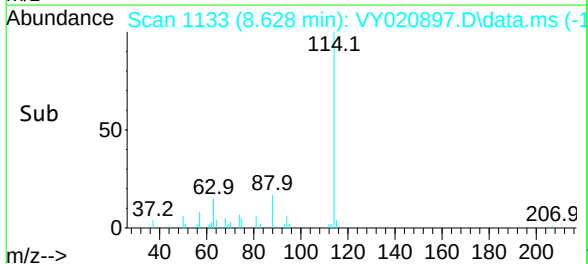
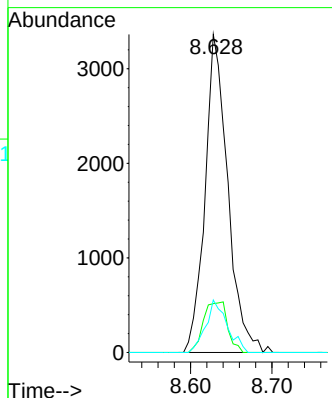
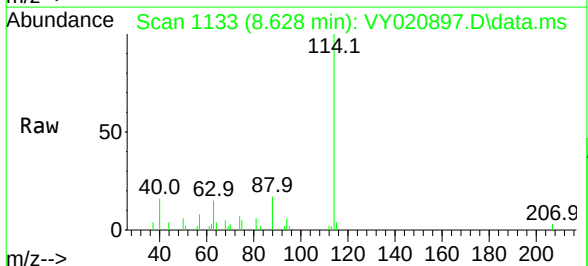




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020897.D
 Acq: 22 Jan 2025 12:35

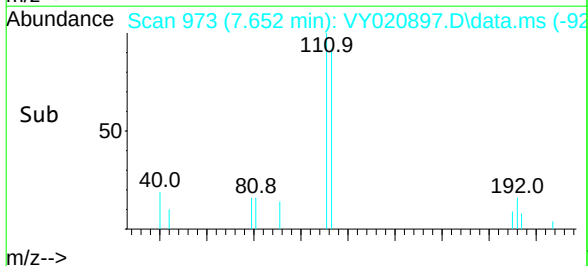
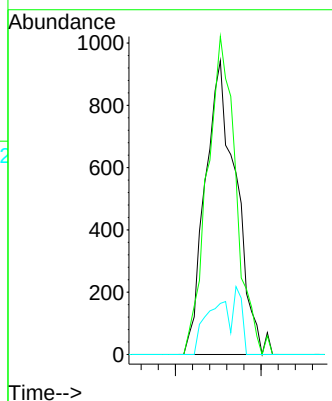
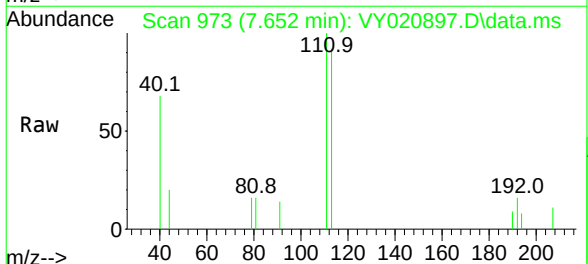
Instrument :
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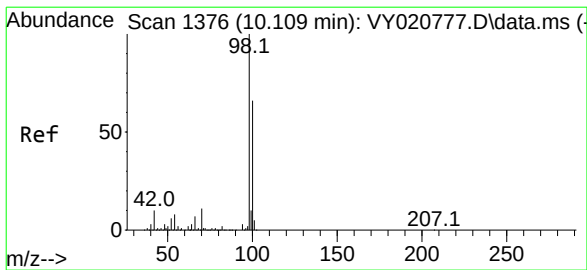
Tgt Ion:	114	Resp:	6529
Ion	Ratio	Lower	Upper
114	100		
63	15.3	0.0	38.4
88	16.5	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 57.770 ug/l
 RT: 7.652 min Scan# 973
 Delta R.T. -0.012 min
 Lab File: VY020897.D
 Acq: 22 Jan 2025 12:35

Tgt Ion:	113	Resp:	2363
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.7	122.5
192	14.0	16.7	25.1#





#50

Toluene-d8

Concen: 35.108 ug/l

RT: 10.122 min Scan# 1376

Delta R.T. -0.012 min

Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

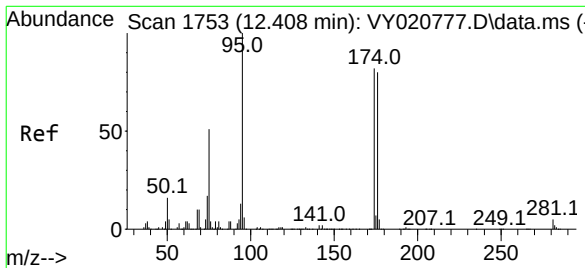
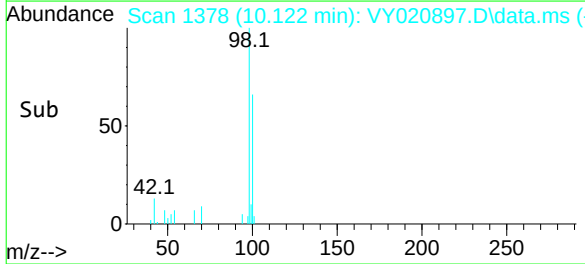
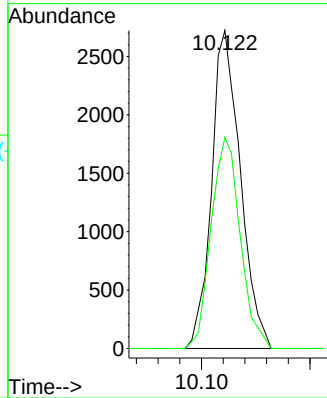
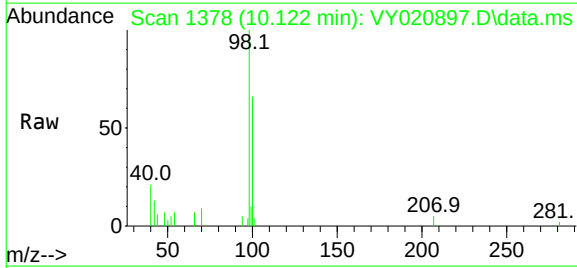
PL-1-012125-VOCRE

Tgt Ion: 98 Resp: 5006

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 8.774 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.012 min

Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

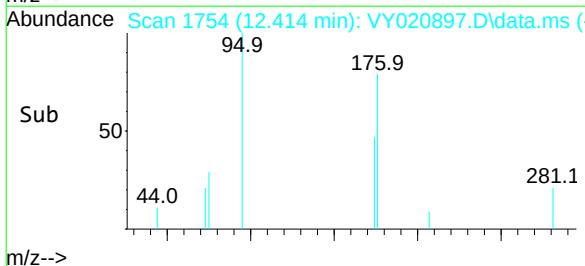
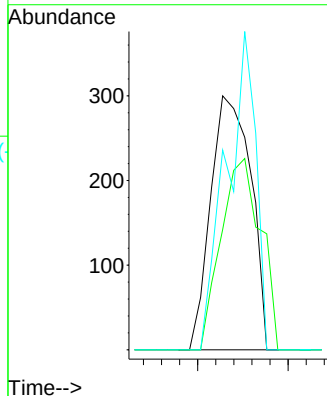
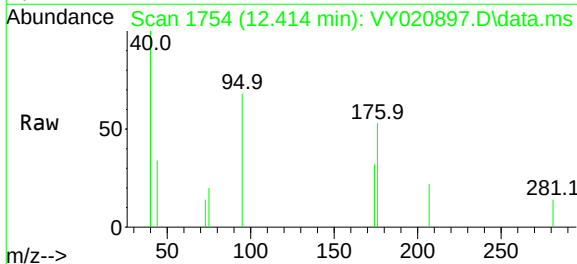
Tgt Ion: 95 Resp: 462

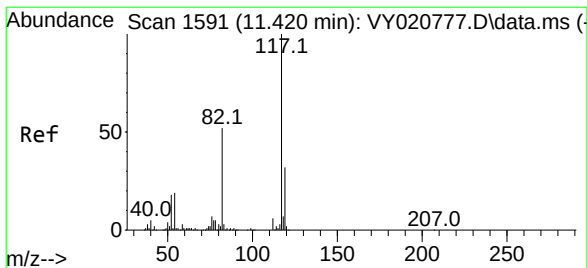
Ion Ratio Lower Upper

95 100

174 74.5 0.0 178.0

176 92.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

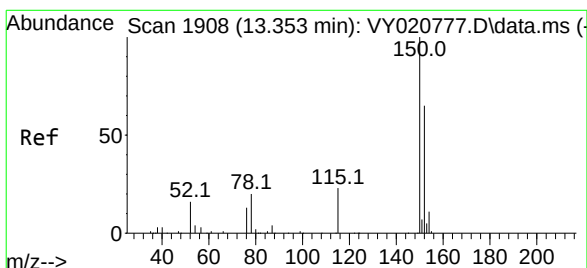
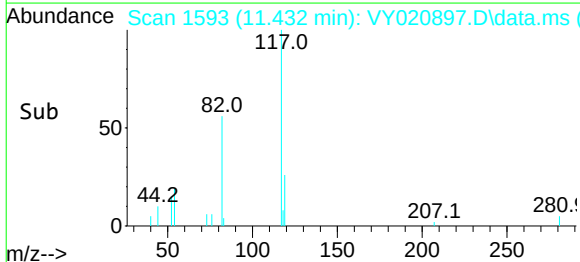
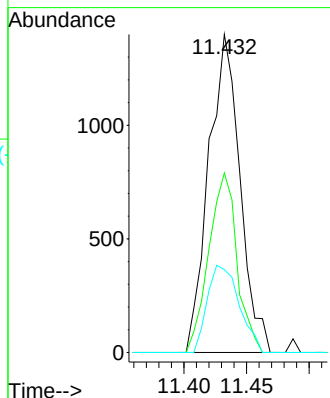
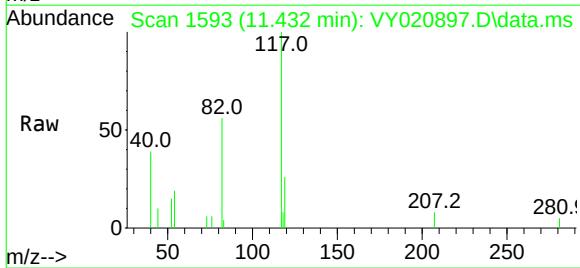
Instrument :

MSVOA_Y

ClientSampleId :

PL-1-012125-VOCRE

Tgt Ion:	117	Resp:	2435
Ion	Ratio	Lower	Upper
117	100		
82	56.4	41.8	62.6
119	26.1	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020897.D

Acq: 22 Jan 2025 12:35

Tgt Ion:	152	Resp:	595
Ion	Ratio	Lower	Upper
152	100		
115	70.1	29.0	87.0
150	158.8	0.0	347.4

