

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020873.D
 Acq On : 20 Jan 2025 11:53
 Operator : SY/MD
 Sample : Q1110-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-1-VOC

Quant Time: Jan 21 00:39:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.732	168	941	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.628	114	1345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	472	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	676	84.519	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	169.040%#
35) Dibromofluoromethane	7.652	113	701	83.192	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	166.380%#
50) Toluene-d8	10.121	98	971	33.056	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	66.120%
62) 4-Bromofluorobenzene	12.414	95	178	16.409	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	32.820%

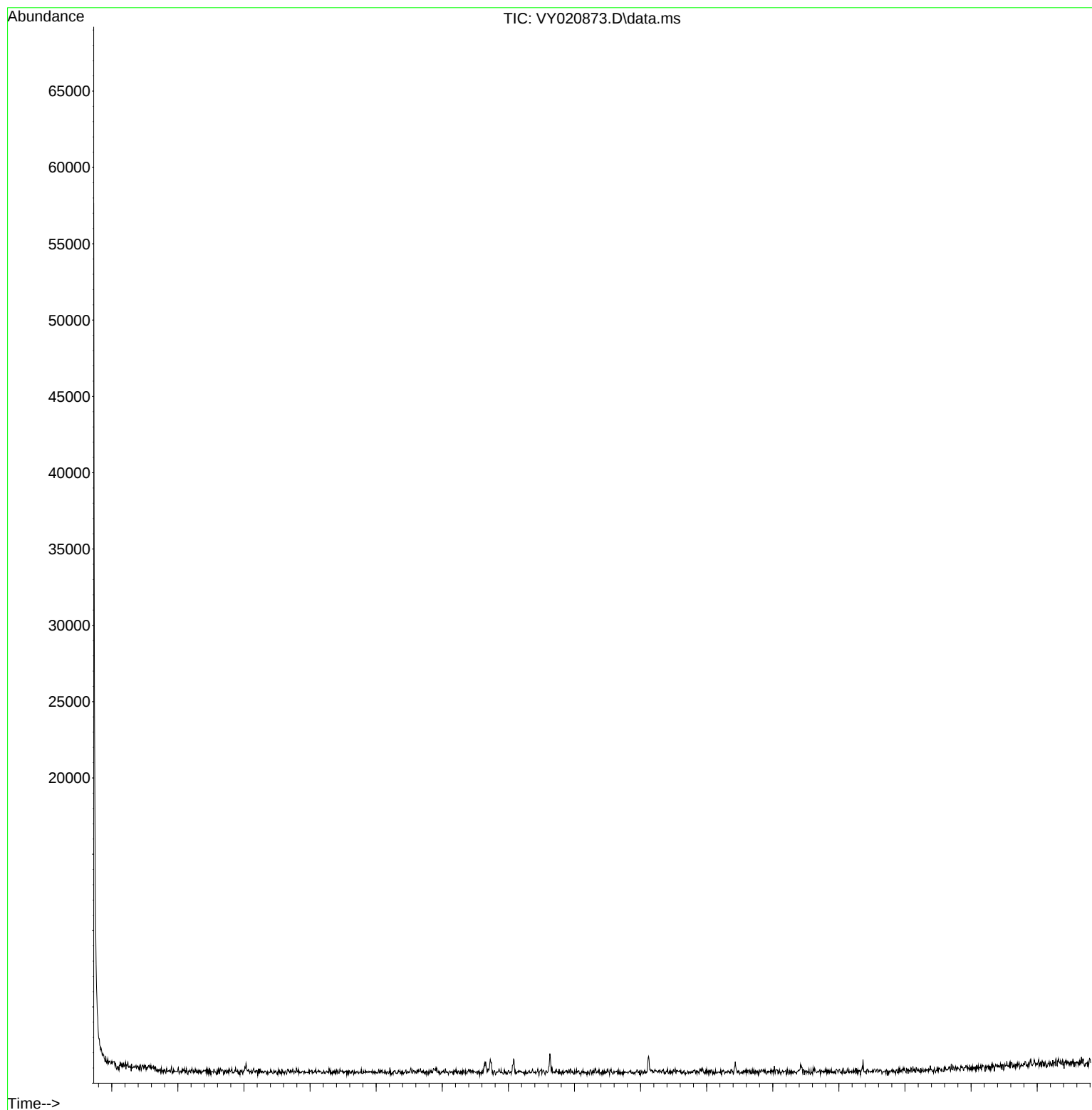
Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
Data File : VY020873.D
Acq On : 20 Jan 2025 11:53
Operator : SY/MD
Sample : Q1110-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BIN-1-VOC

Quant Time: Jan 21 00:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

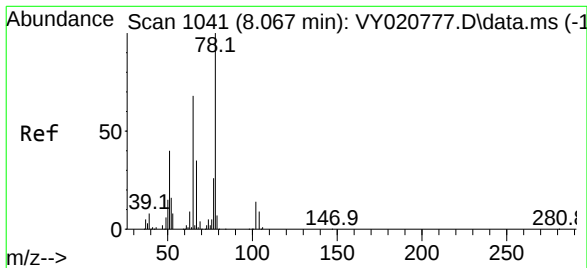
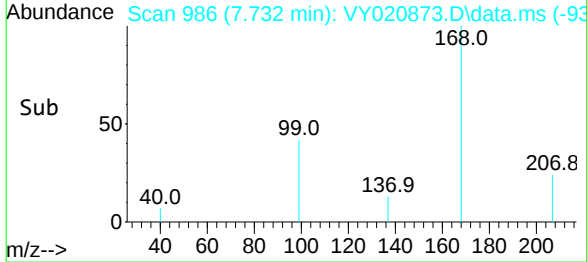
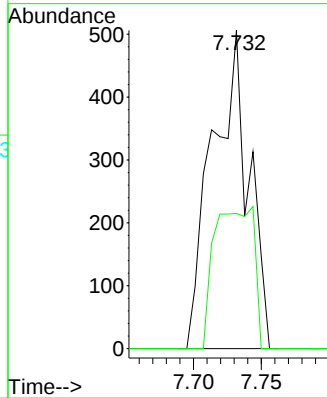
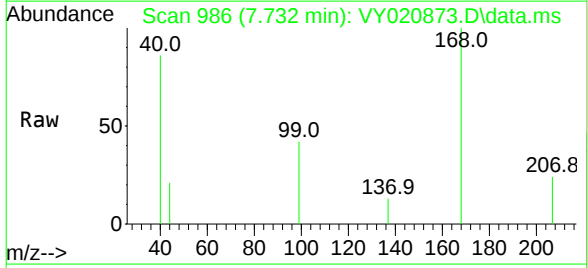




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 98
Delta R.T. 0.019 min
Lab File: VY020873.D
Acq: 20 Jan 2025 11:53

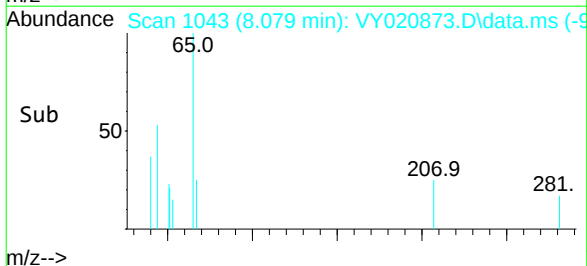
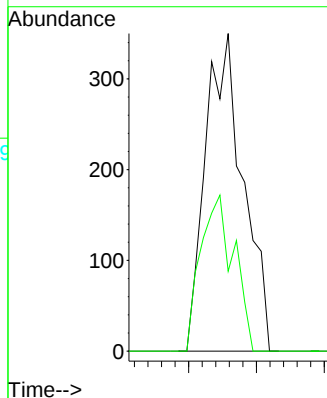
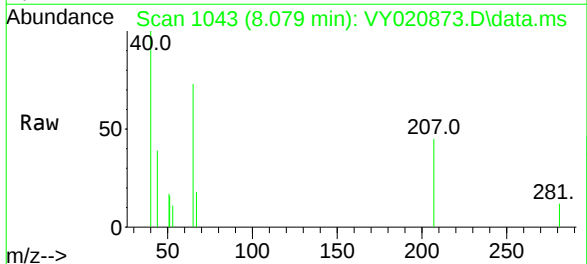
Instrument :
MSVOA_Y
ClientSampleId :
BIN-1-VOC

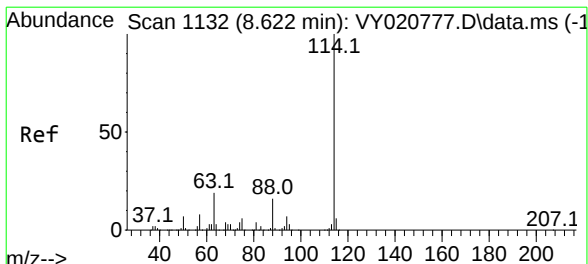
Tgt Ion:168 Resp: 941
Ion Ratio Lower Upper
168 100
99 42.5 44.3 66.5#



#33
1,2-Dichloroethane-d4
Concen: 84.519 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY020873.D
Acq: 20 Jan 2025 11:53

Tgt Ion: 65 Resp: 676
Ion Ratio Lower Upper
65 100
67 43.2 0.0 102.8

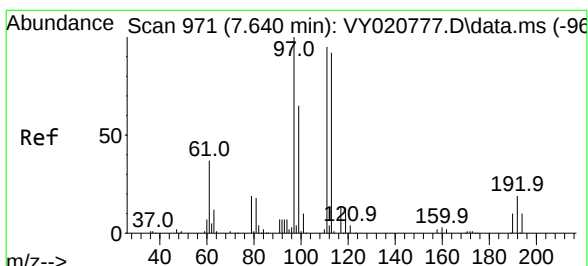
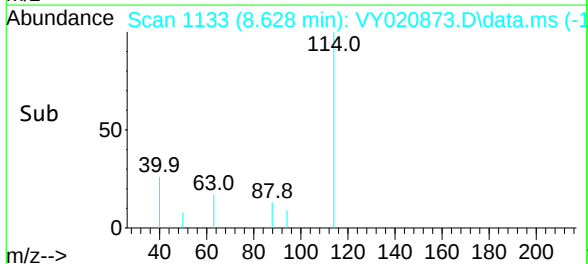
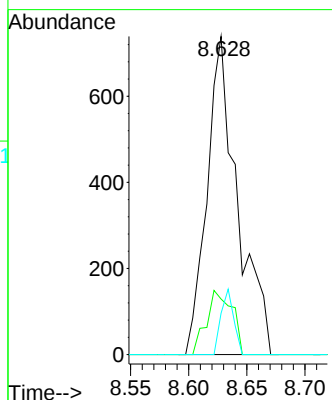
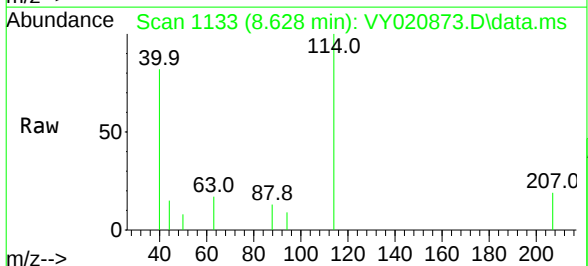




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020873.D
 Acq: 20 Jan 2025 11:53

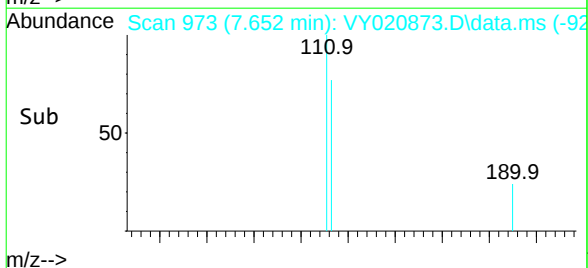
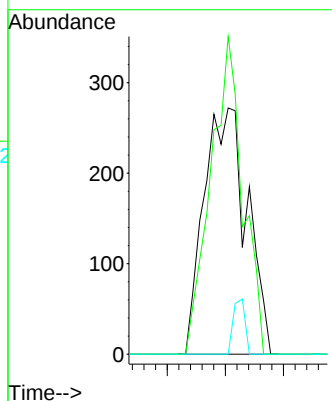
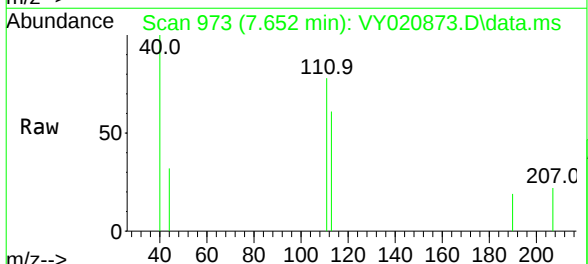
Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-1-VOC

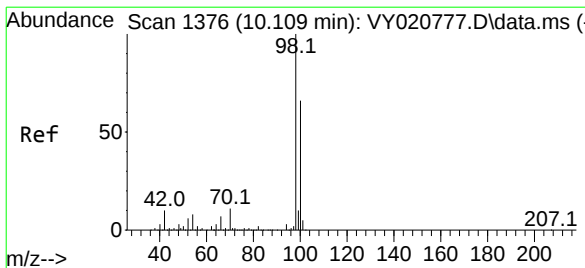
Tgt Ion:	114	Resp:	1345
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	38.4
88	13.0	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 83.192 ug/l
 RT: 7.652 min Scan# 973
 Delta R.T. 0.012 min
 Lab File: VY020873.D
 Acq: 20 Jan 2025 11:53

Tgt Ion:	113	Resp:	701
Ion	Ratio	Lower	Upper
113	100		
111	96.0	81.7	122.5
192	6.1	16.7	25.1





#50

Toluene-d8

Concen: 33.056 ug/l

RT: 10.121 min Scan# 1376

Delta R.T. 0.012 min

Lab File: VY020873.D

Acq: 20 Jan 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

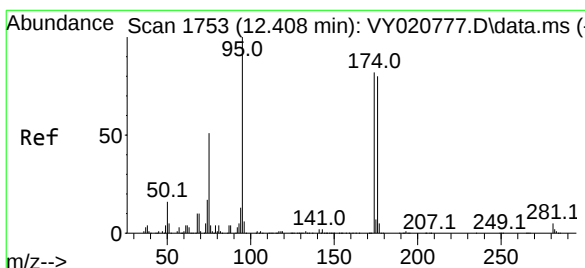
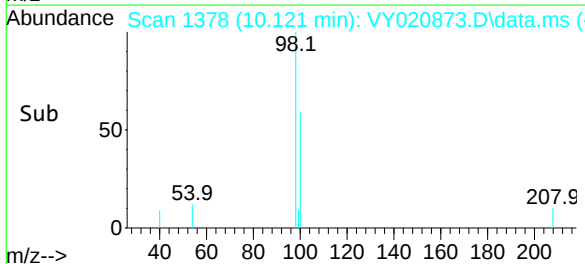
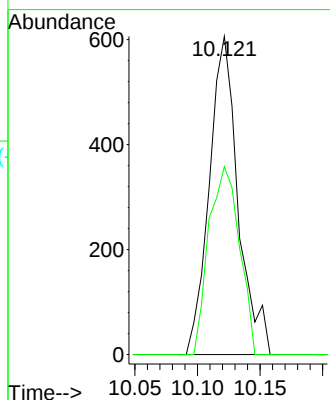
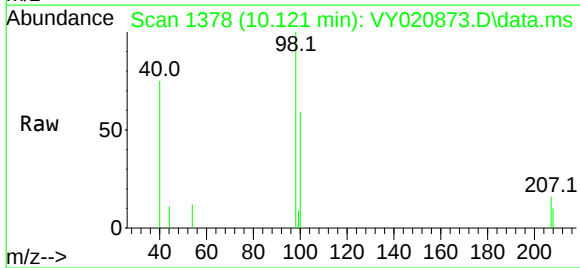
BIN-1-VOC

Tgt Ion: 98 Resp: 971

Ion Ratio Lower Upper

98 100

100 62.5 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 16.409 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020873.D

Acq: 20 Jan 2025 11:53

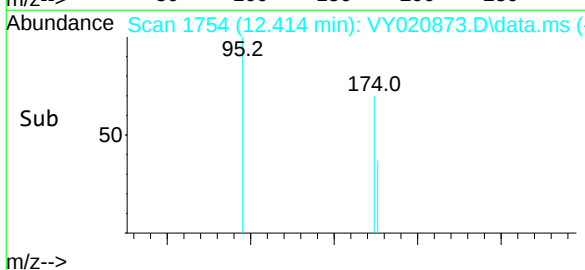
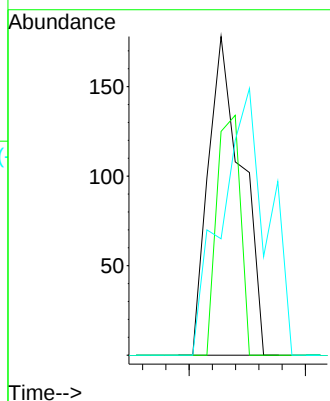
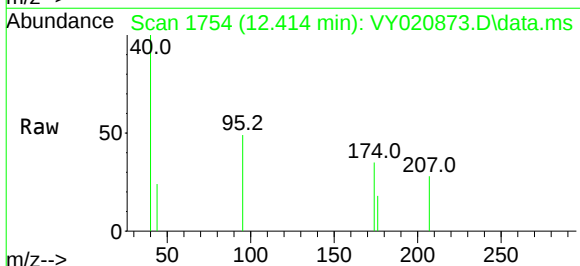
Tgt Ion: 95 Resp: 178

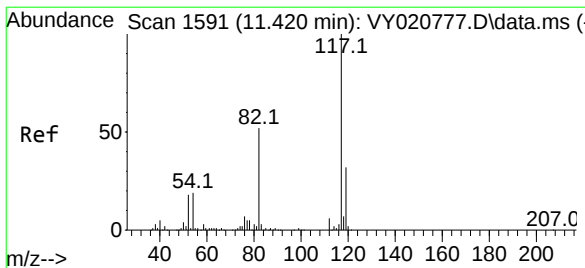
Ion Ratio Lower Upper

95 100

174 53.4 0.0 178.0

176 114.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 1593

Delta R.T. 0.012 min

Lab File: VY020873.D

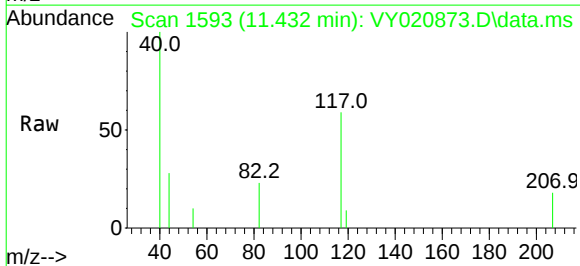
Acq: 20 Jan 2025 11:53

Instrument :

MSVOA_Y

ClientSampleId :

BIN-1-VOC



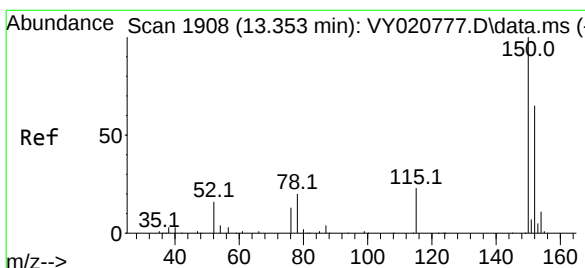
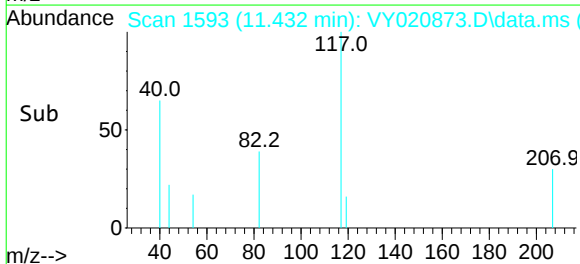
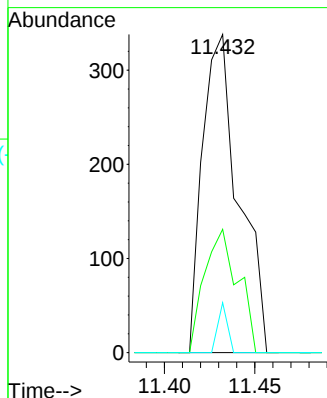
Tgt Ion:117 Resp: 472

Ion Ratio Lower Upper

117 100

82 38.8 41.8 62.6#

119 15.7 25.8 38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020873.D

Acq: 20 Jan 2025 11:53

Tgt Ion:152 Resp: 200

Ion Ratio Lower Upper

152 100

115 47.0 29.0 87.0

150 192.0 0.0 347.4

