

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020850.D
 Acq On : 17 Jan 2025 13:13
 Operator : SY/MD
 Sample : Q1110-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-1-VOC

Quant Time: Jan 17 23:24:50 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	7.713	168	1960	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	2540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1056	63.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.780%	
35) Dibromofluoromethane	7.652	113	1170	73.525	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.060%#	
50) Toluene-d8	10.115	98	2235	40.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.580%	
62) 4-Bromofluorobenzene	12.414	95	209	10.203	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 20.400%#	

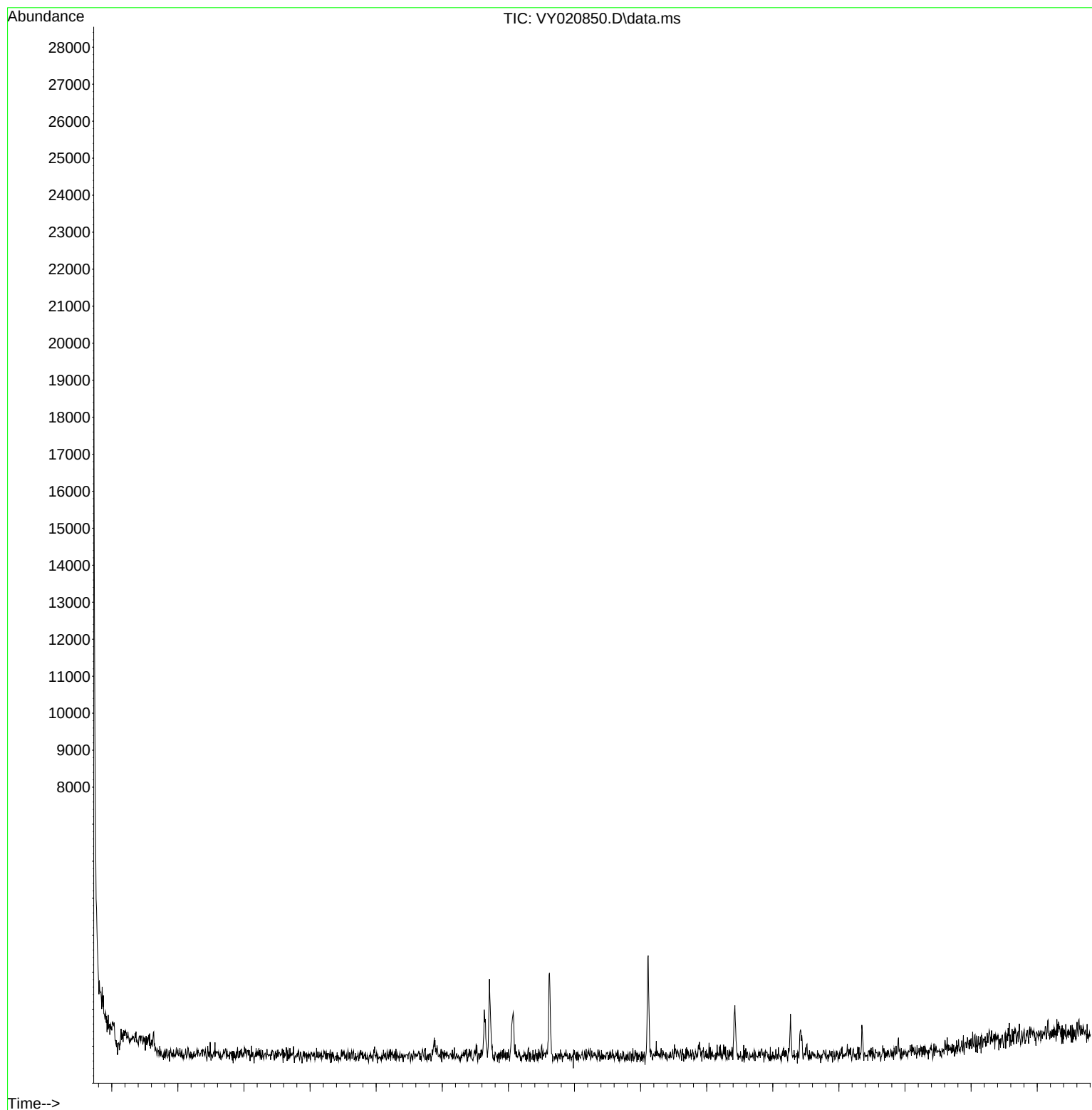
Target Compounds Qvalue

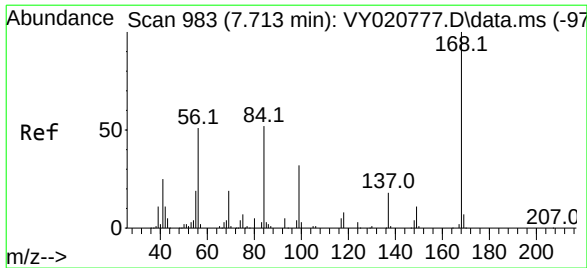
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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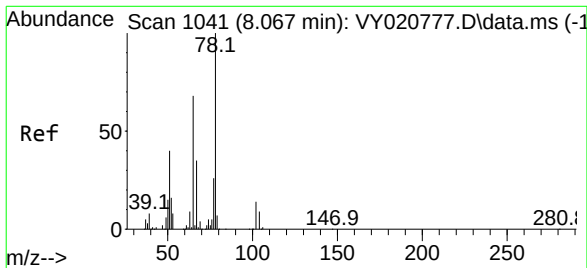
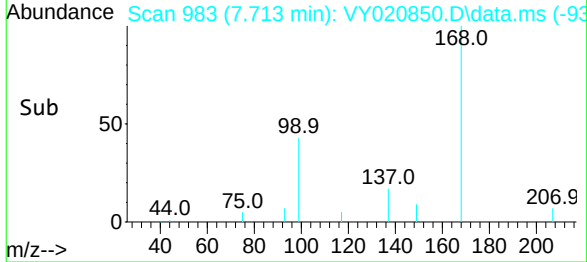
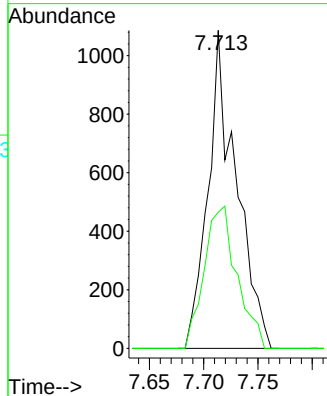
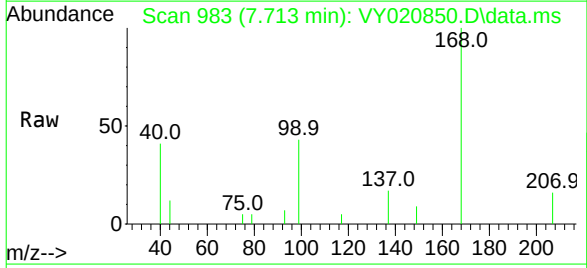




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

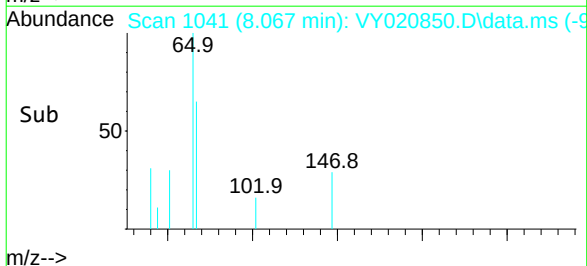
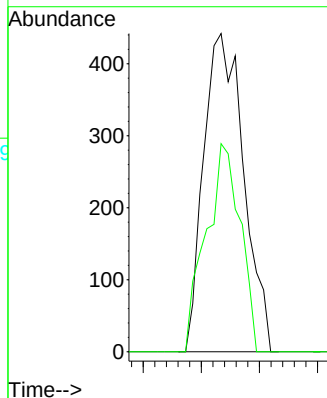
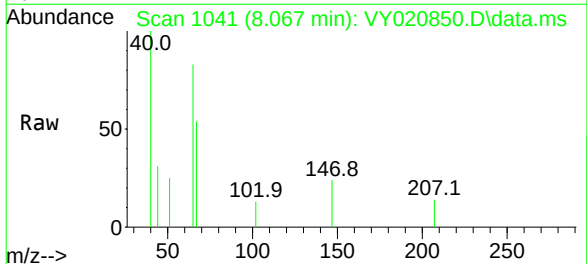
Instrument :
MSVOA_Y
ClientSampleId :
BIN-1-VOC

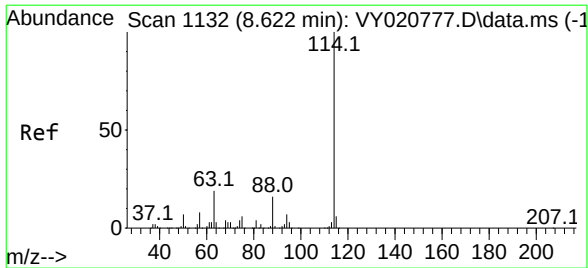
Tgt Ion:168 Resp: 1960
Ion Ratio Lower Upper
168 100
99 42.8 44.3 66.5#



#33
1,2-Dichloroethane-d4
Concen: 63.388 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

Tgt Ion: 65 Resp: 1056
Ion Ratio Lower Upper
65 100
67 56.0 0.0 102.8

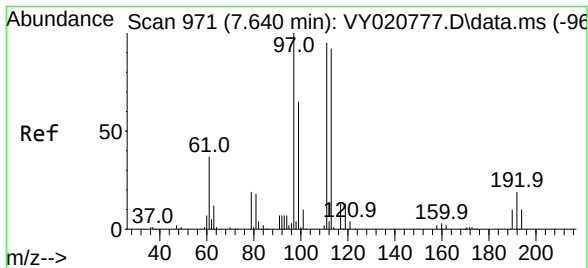
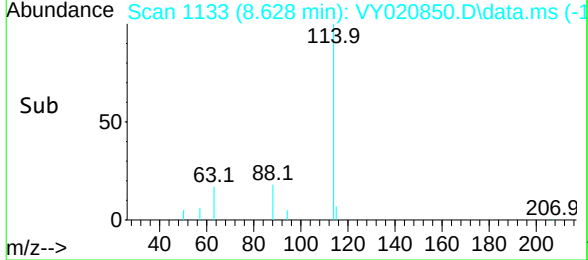
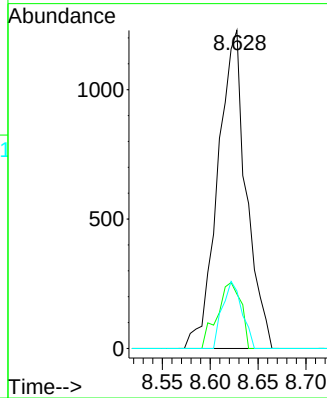
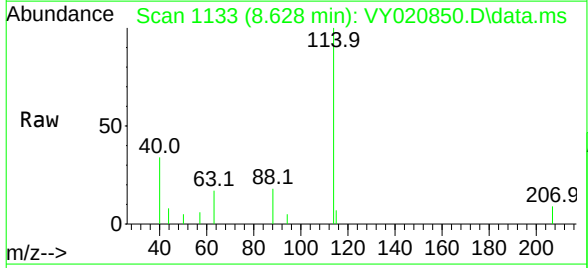




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

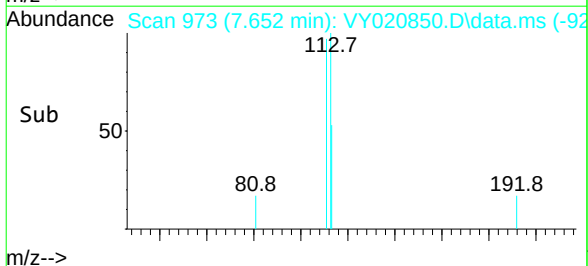
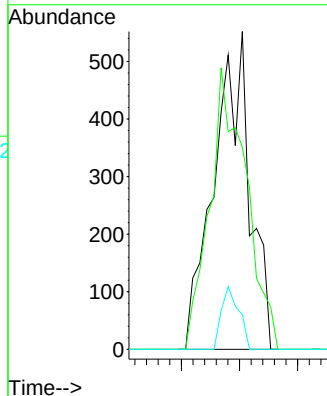
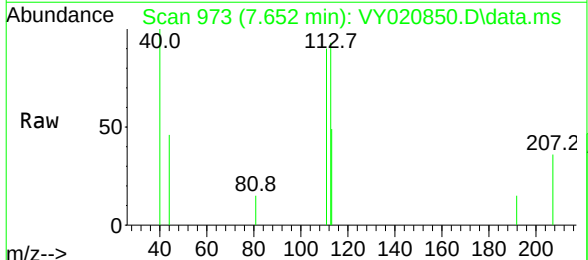
Instrument :
MSVOA_Y
ClientSampleId :
BIN-1-VOC

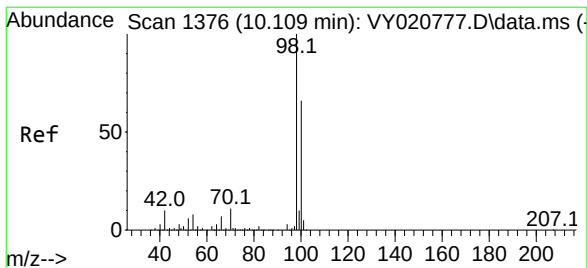
Tgt Ion:	114	Resp:	2540
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	38.4
88	18.1	0.0	31.2



#35
Dibromofluoromethane
Concen: 73.525 ug/l
RT: 7.652 min Scan# 973
Delta R.T. 0.012 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

Tgt Ion:	113	Resp:	1170
Ion	Ratio	Lower	Upper
113	100		
111	90.6	81.7	122.5
192	9.7	16.7	25.1#





#50

Toluene-d8

Concen: 40.290 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY020850.D

Acq: 17 Jan 2025 13:13

Instrument :

MSVOA_Y

ClientSampleId :

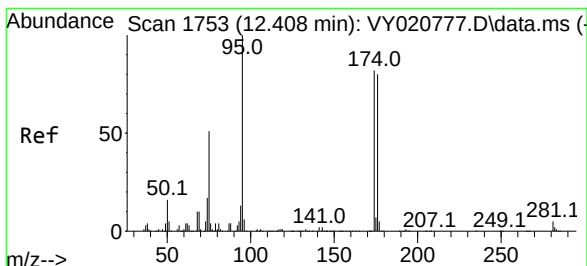
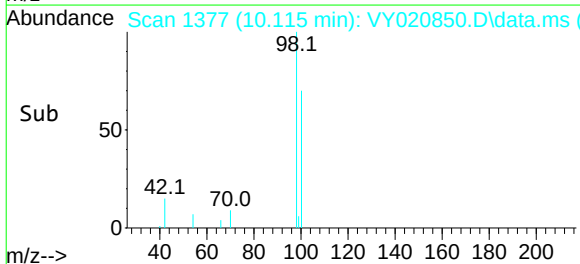
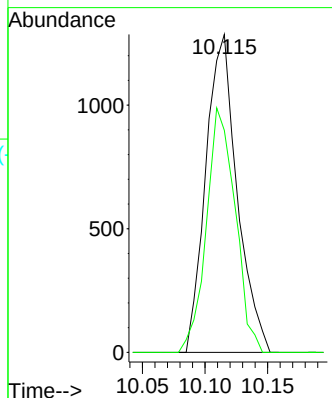
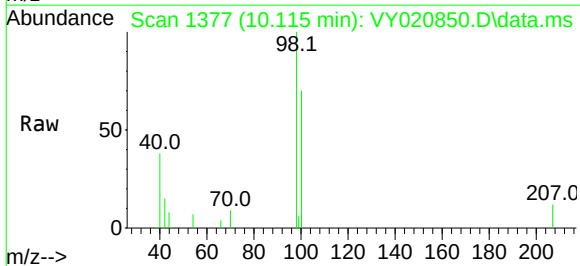
BIN-1-VOC

Tgt Ion: 98 Resp: 2235

Ion Ratio Lower Upper

98 100

100 70.7 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 10.203 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020850.D

Acq: 17 Jan 2025 13:13

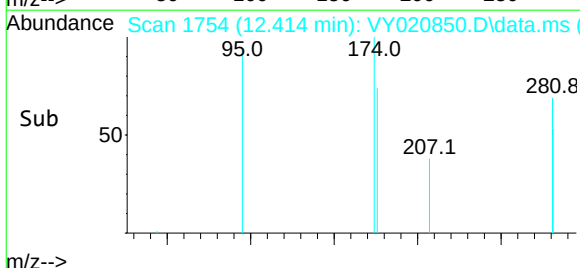
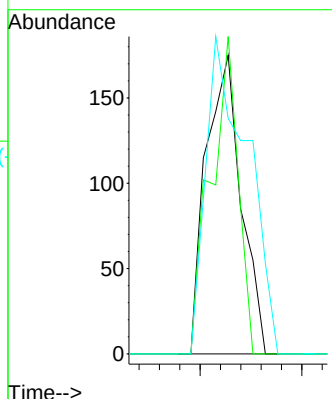
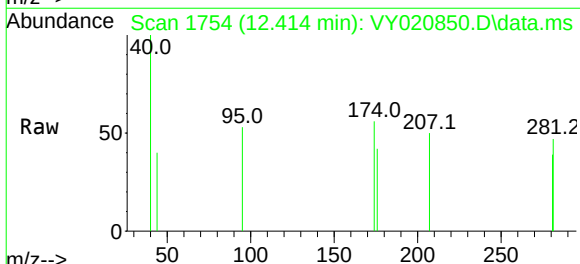
Tgt Ion: 95 Resp: 209

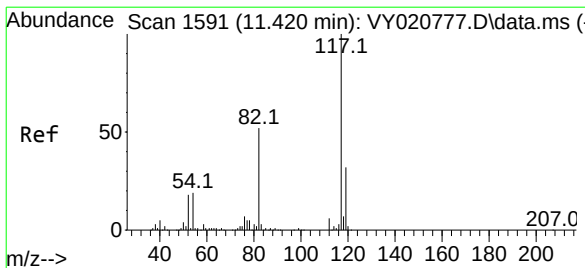
Ion Ratio Lower Upper

95 100

174 82.8 0.0 178.0

176 125.8 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020850.D

Acq: 17 Jan 2025 13:13

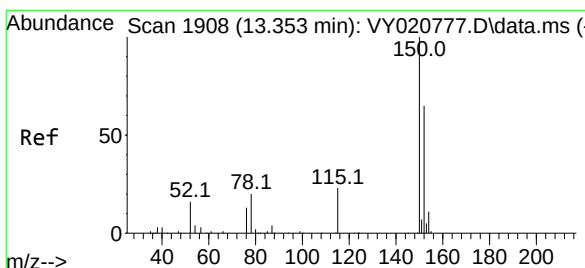
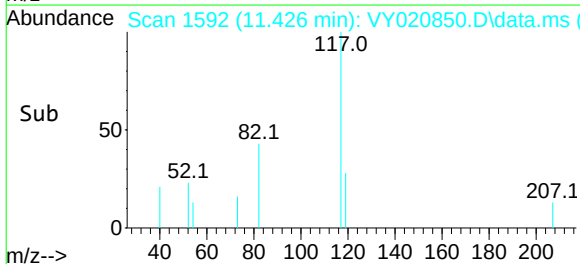
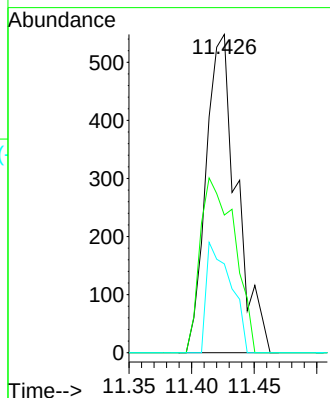
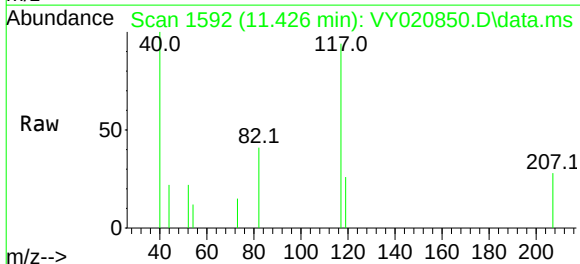
Instrument :

MSVOA_Y

ClientSampleId :

BIN-1-VOC

Tgt Ion:	117	Resp:	933
Ion	Ratio	Lower	Upper
117	100		
82	43.2	41.8	62.6
119	27.9	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020850.D

Acq: 17 Jan 2025 13:13

Tgt Ion:	152	Resp:	214
Ion	Ratio	Lower	Upper
152	100		
115	71.0	29.0	87.0
150	216.8	0.0	347.4

