

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020677.D
 Acq On : 20 Dec 2024 17:39
 Operator : SY/MD
 Sample : P5306-03
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-08-121224

Quant Time: Dec 20 22:02:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	141675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	253999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	260739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	105748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	92900	59.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.740%
35) Dibromofluoromethane	7.634	113	84865	47.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.820%
50) Toluene-d8	10.103	98	423196	67.542	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	135.080%#
62) 4-Bromofluorobenzene	12.407	95	128660	52.494	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.980%

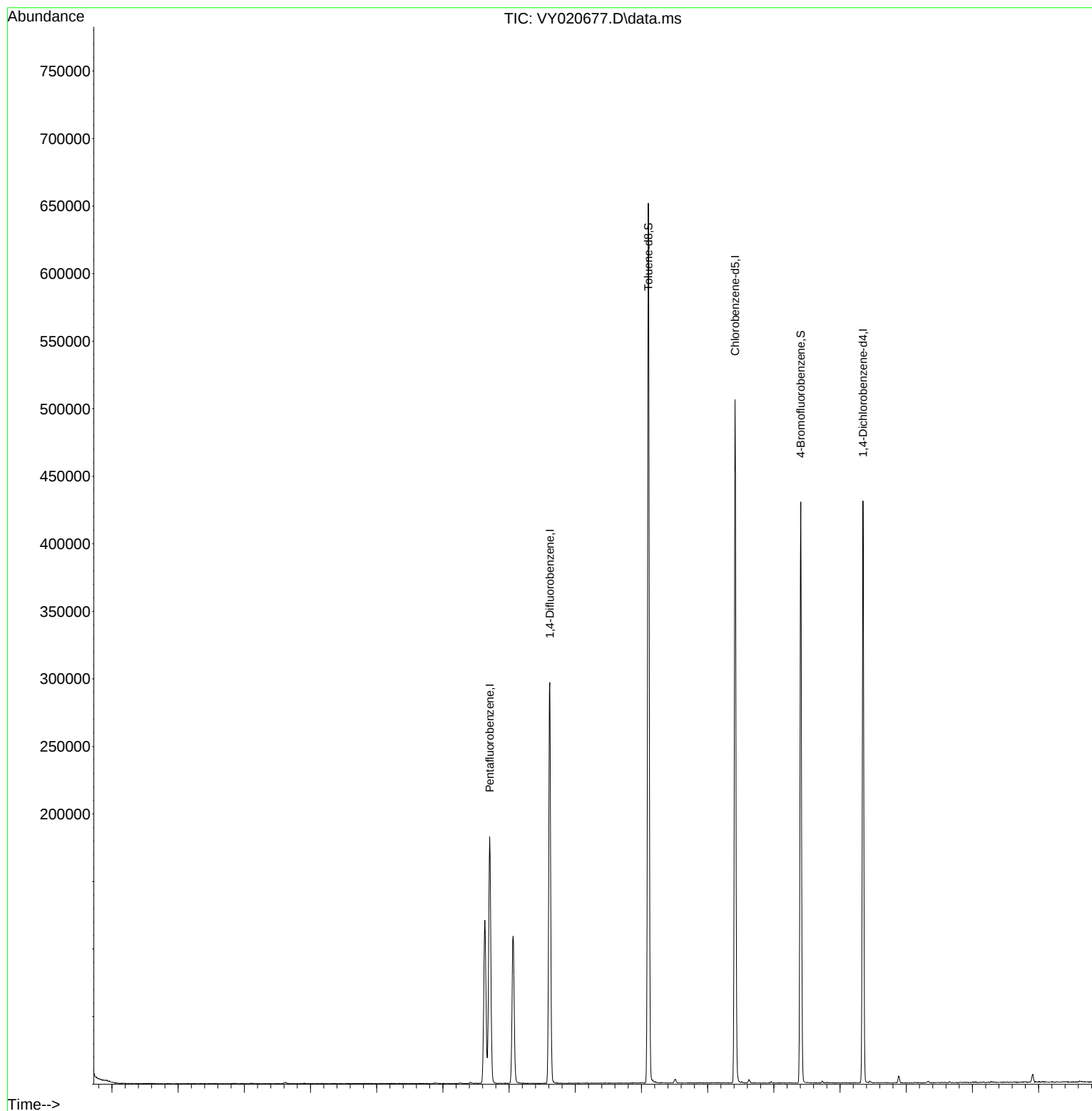
Target Compounds Qvalue

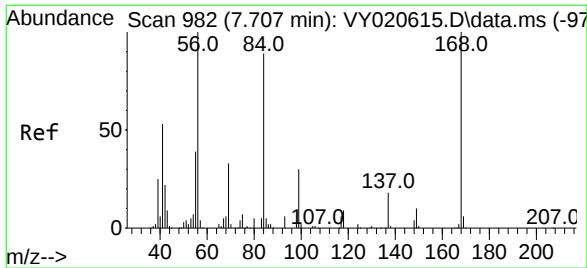
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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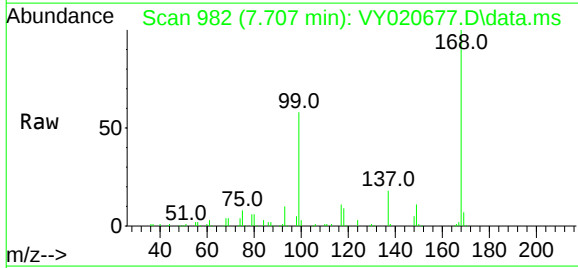
Quant Time: Dec 20 22:02:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
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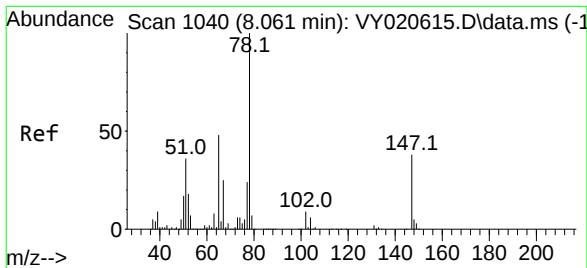
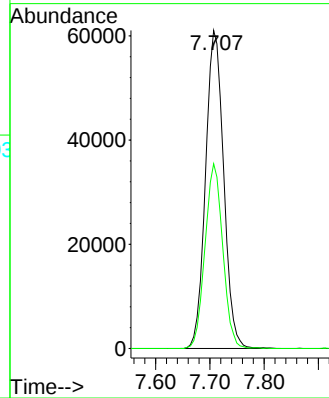
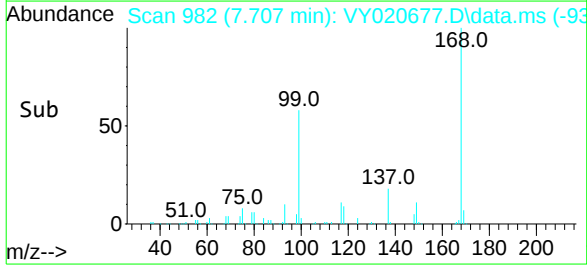


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.000 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-08-121224

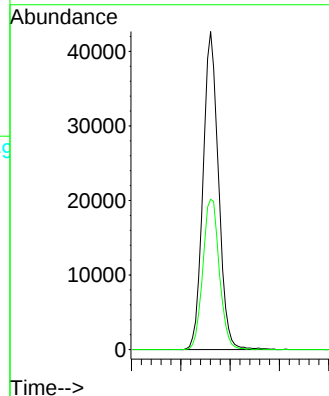
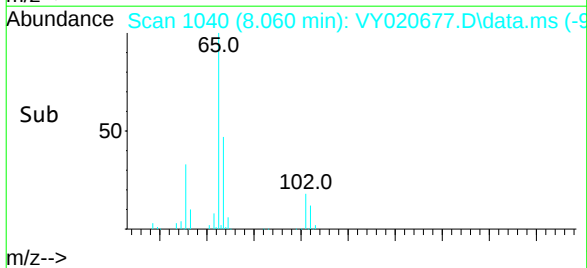
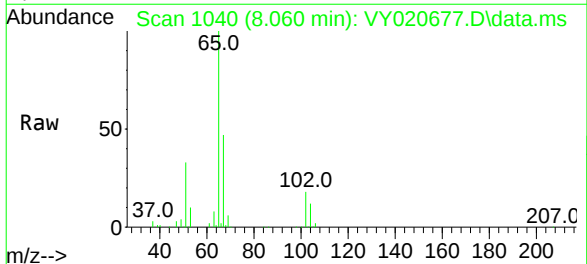


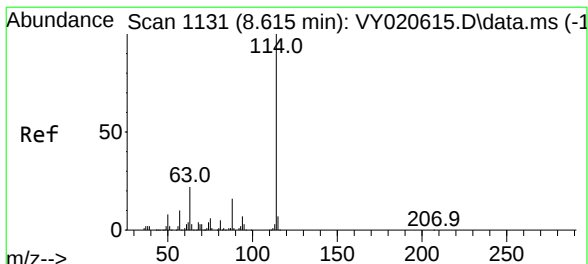
Tgt Ion:168 Resp: 141675
Ion Ratio Lower Upper
168 100
99 58.1 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 59.872 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

Tgt Ion: 65 Resp: 92900
Ion Ratio Lower Upper
65 100
67 50.3 0.0 108.0

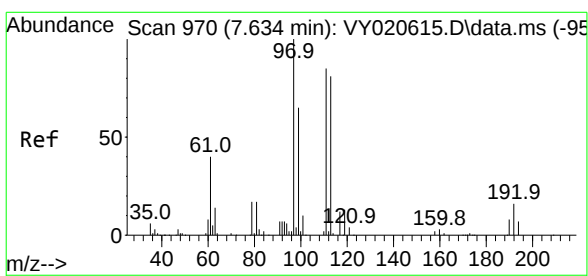
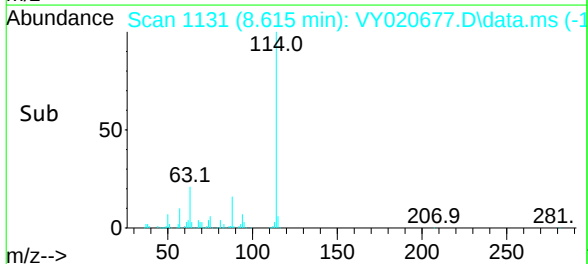
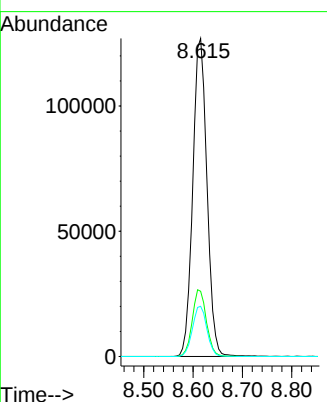
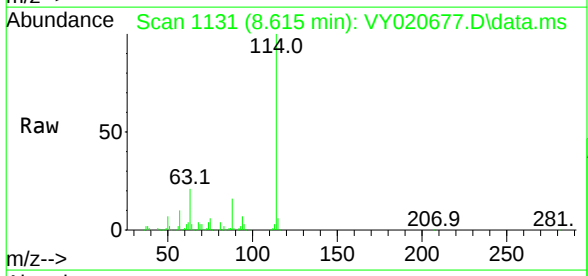




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020677.D
 Acq: 20 Dec 2024 17:39

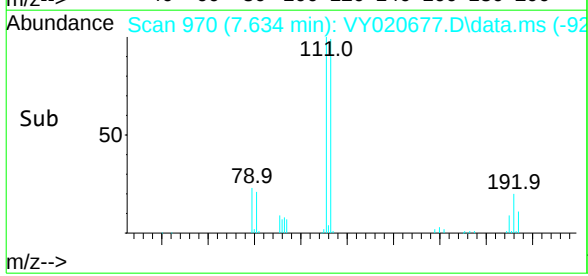
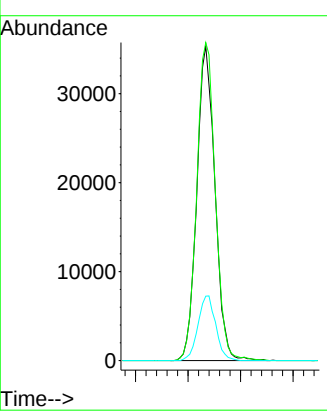
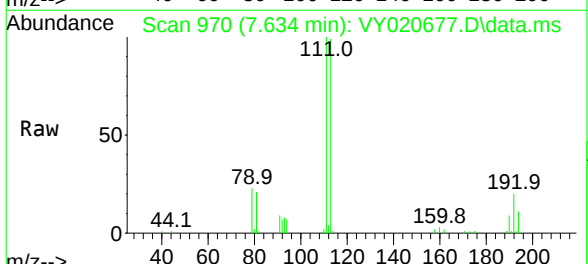
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-08-121224

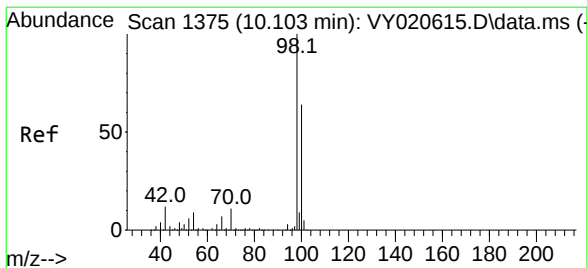
Tgt Ion:	114	Resp:	253999
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.0
88	15.8	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 47.407 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY020677.D
 Acq: 20 Dec 2024 17:39

Tgt Ion:	113	Resp:	84865
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	20.1	15.7	23.5





#50

Toluene-d8

Concen: 67.542 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY020677.D

Acq: 20 Dec 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

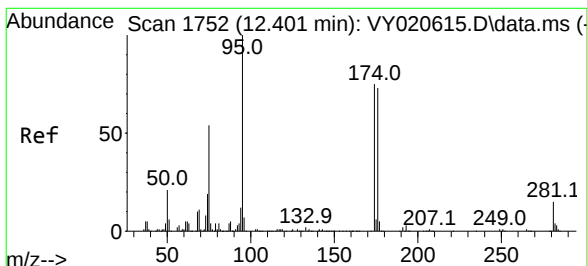
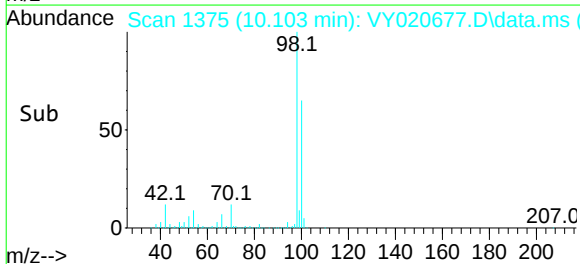
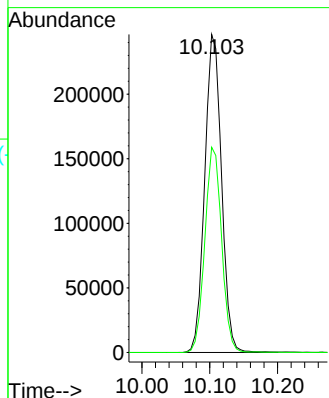
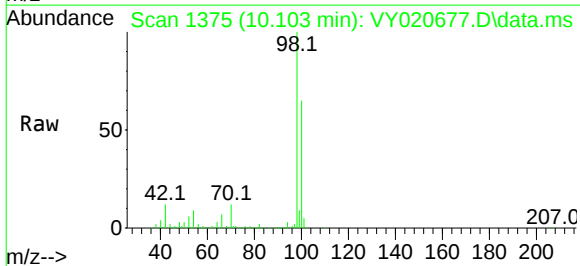
OU4-VSL-08-121224

Tgt Ion: 98 Resp: 423196

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 52.494 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020677.D

Acq: 20 Dec 2024 17:39

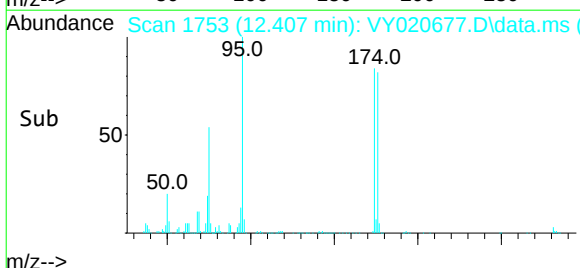
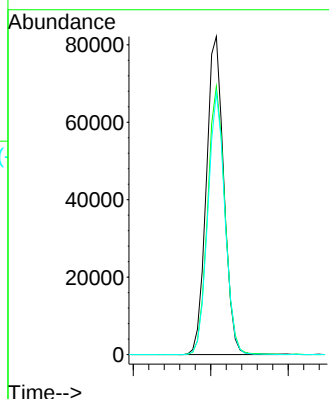
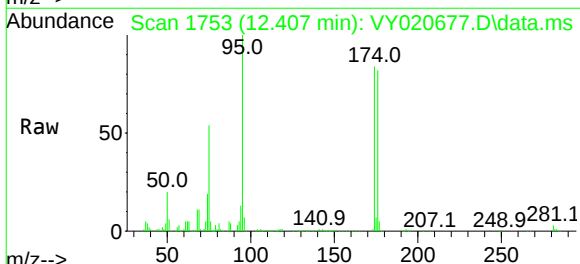
Tgt Ion: 95 Resp: 128660

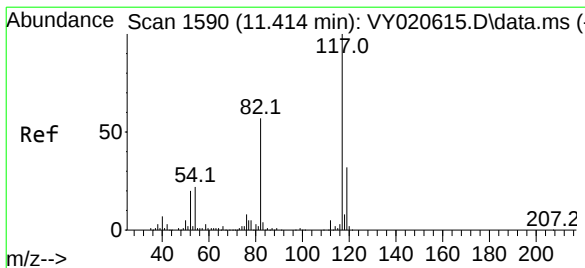
Ion Ratio Lower Upper

95 100

174 83.6 0.0 161.8

176 80.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY020677.D

Acq: 20 Dec 2024 17:39

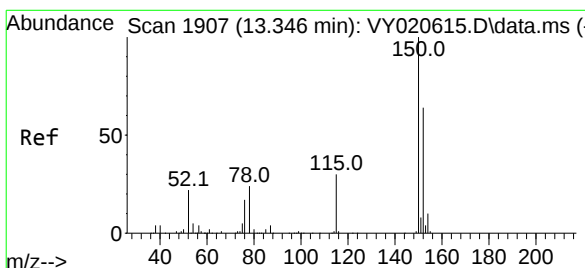
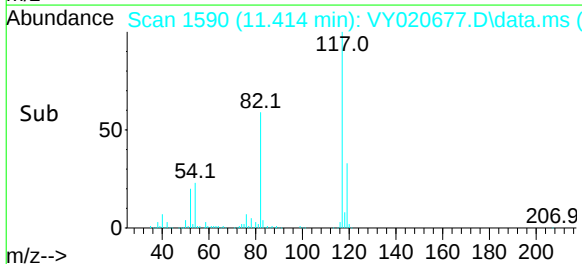
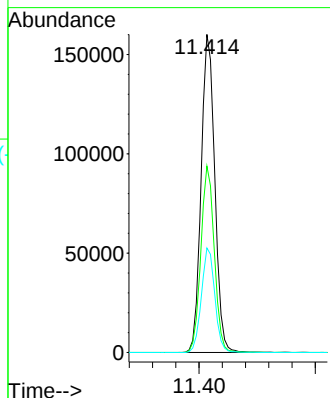
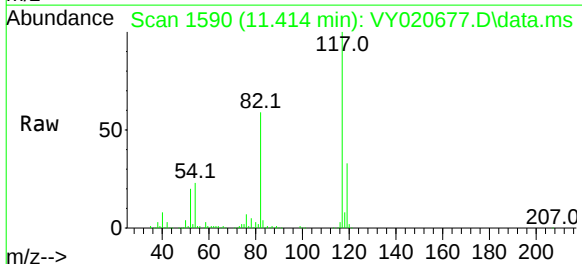
Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-08-121224

Tgt Ion:117	Resp: 260739
Ion Ratio	Lower Upper
117 100	
82 58.6	45.8 68.6
119 32.9	25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020677.D

Acq: 20 Dec 2024 17:39

Tgt Ion:152	Resp: 105748
Ion Ratio	Lower Upper
152 100	
115 58.1	30.2 90.6
150 158.1	0.0 355.4

