

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020654.D
 Acq On : 19 Dec 2024 14:49
 Operator : SY/MD
 Sample : P5306-05
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-09-121224

Quant Time: Dec 20 00:54:56 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	7.713	168	200589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	351711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	114743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128769	58.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.220%
35) Dibromofluoromethane	7.634	113	134776	54.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.740%
50) Toluene-d8	10.103	98	508524	58.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.220%
62) 4-Bromofluorobenzene	12.407	95	155211	45.733	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.460%

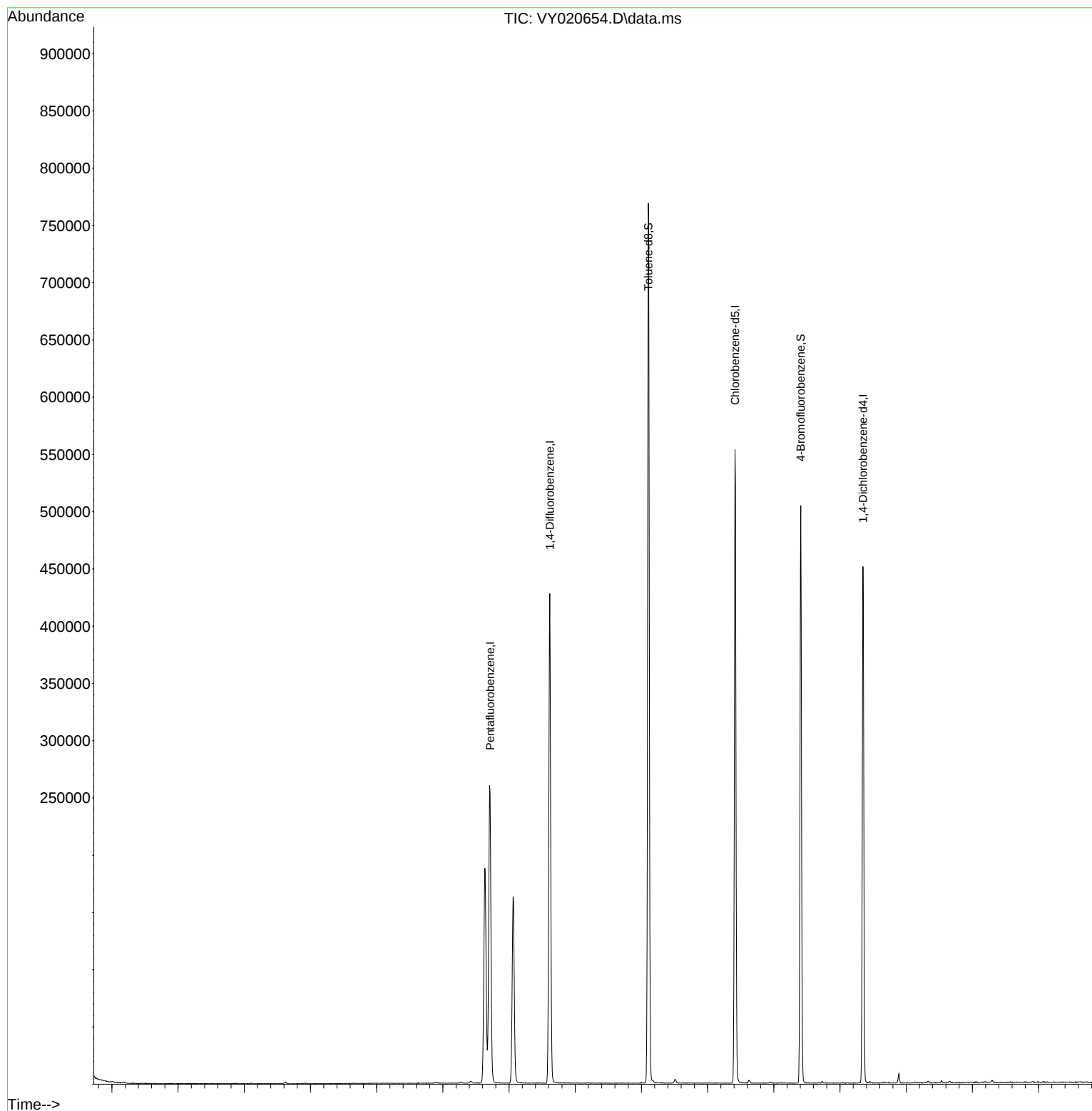
Target Compounds Qvalue

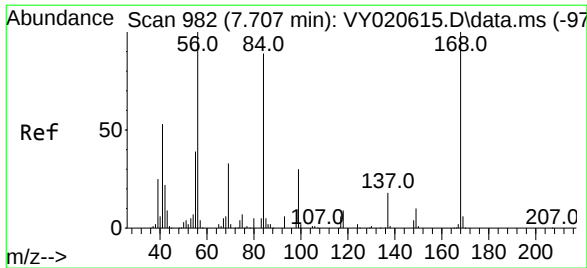
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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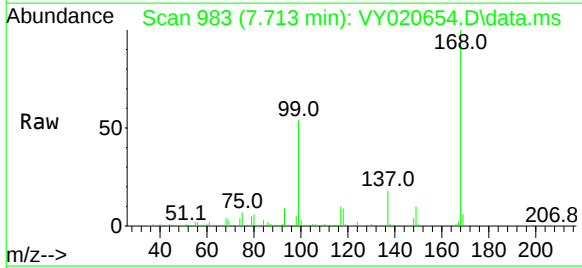
Quant Time: Dec 20 00:54:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
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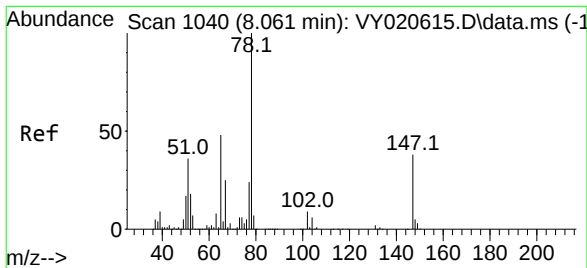
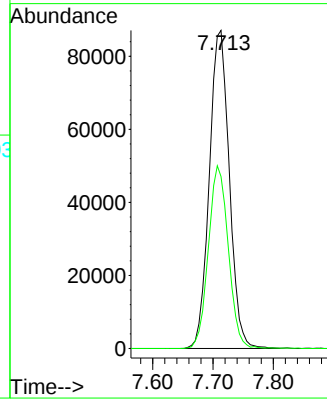
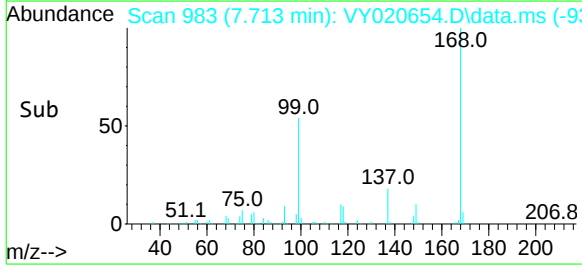


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020654.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-09-121224

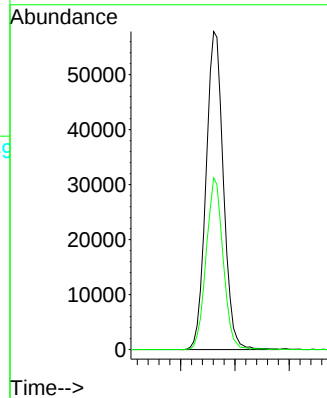
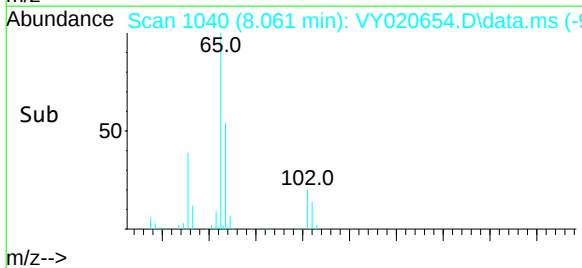
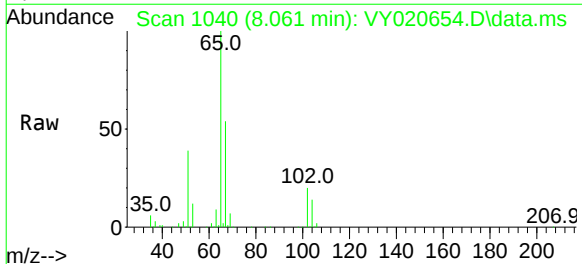


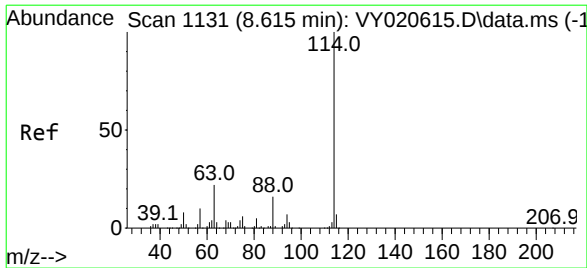
Tgt Ion:168 Resp: 200589
Ion Ratio Lower Upper
168 100
99 54.1 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 58.615 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020654.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 65 Resp: 128769
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0

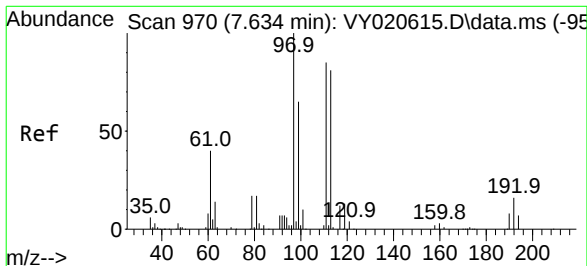
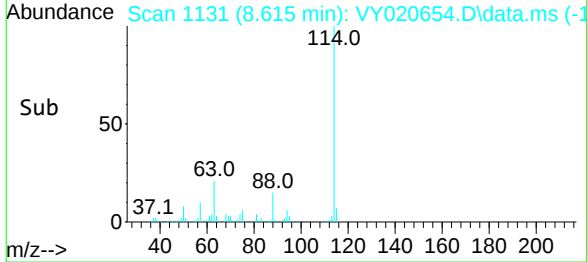
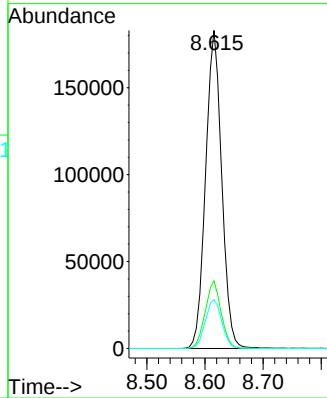
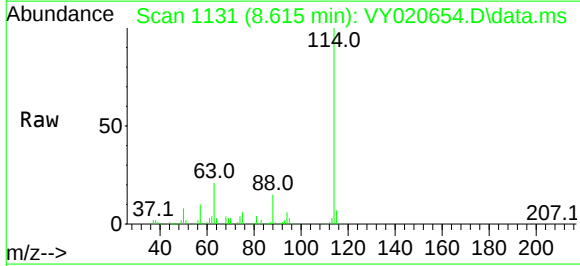




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020654.D
Acq: 19 Dec 2024 14:49

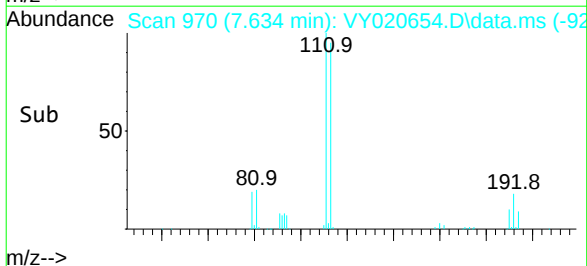
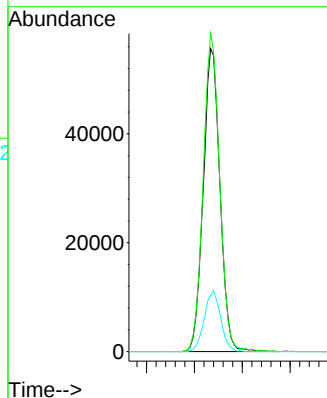
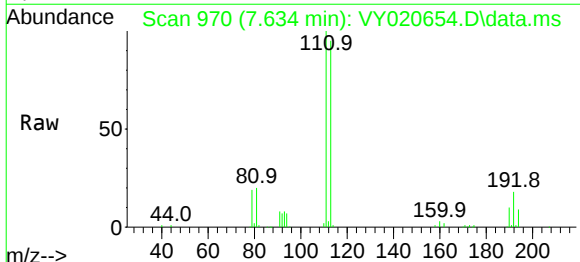
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-09-121224

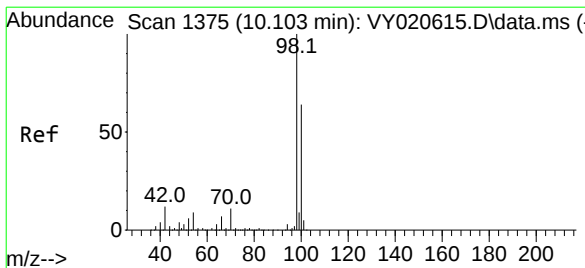
Tgt Ion:	114	Resp:	351711
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.0
88	15.4	0.0	32.8



#35
Dibromofluoromethane
Concen: 54.372 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020654.D
Acq: 19 Dec 2024 14:49

Tgt Ion:	113	Resp:	134776
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	19.7	15.7	23.5





#50

Toluene-d8

Concen: 58.612 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020654.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

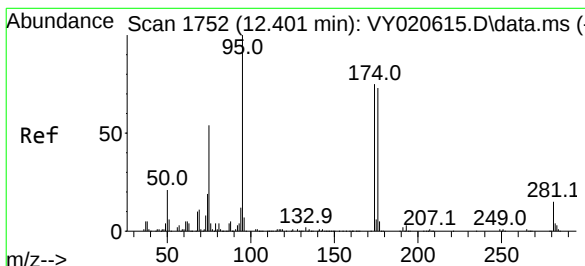
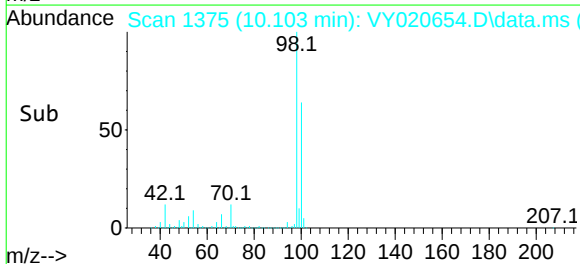
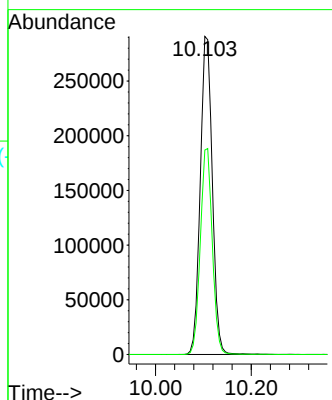
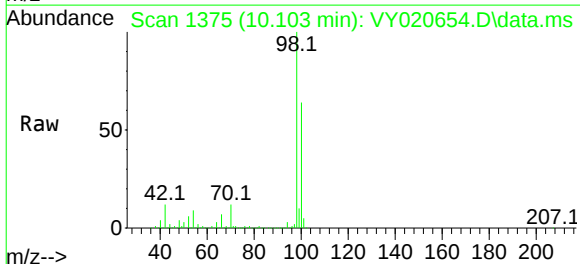
OU4-VSL-09-121224

Tgt Ion: 98 Resp: 508524

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.733 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020654.D

Acq: 19 Dec 2024 14:49

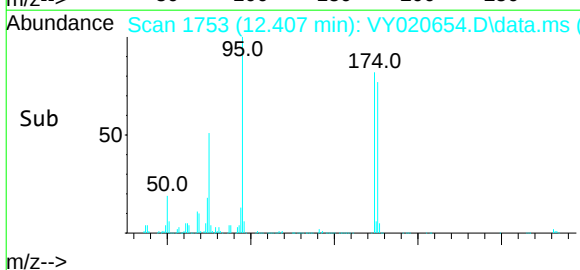
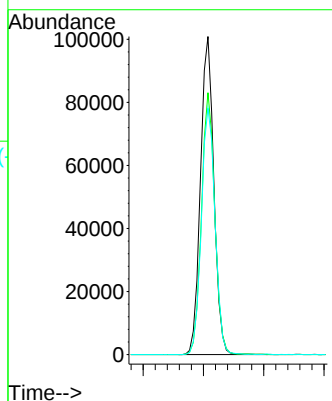
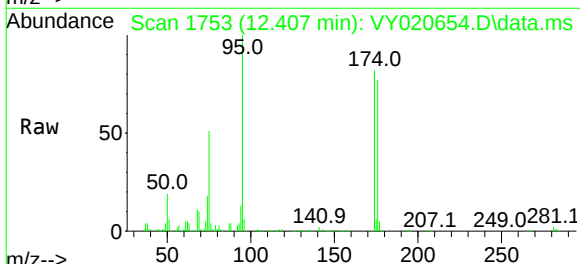
Tgt Ion: 95 Resp: 155211

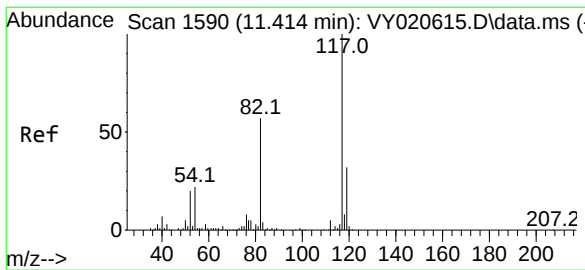
Ion Ratio Lower Upper

95 100

174 81.8 0.0 161.8

176 79.2 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: VY020654.D

Acq: 19 Dec 2024 14:49

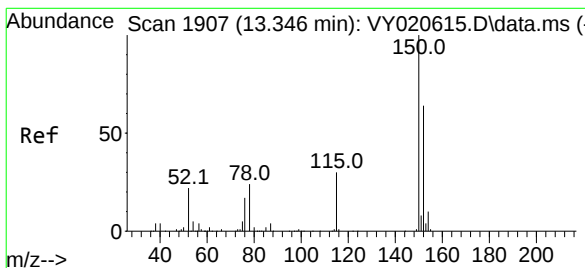
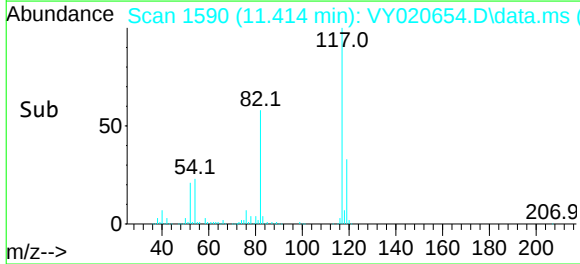
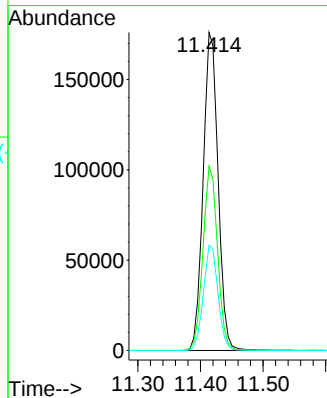
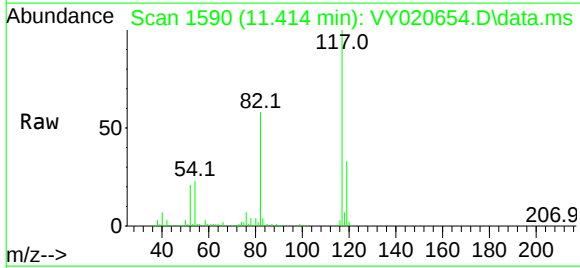
Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-09-121224

Tgt Ion:	117	Resp:	291130
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.8	68.6
119	33.0	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: VY020654.D

Acq: 19 Dec 2024 14:49

Tgt Ion:	152	Resp:	114743
Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.2	90.6
150	158.1	0.0	355.4

