

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020680.D
 Acq On : 20 Dec 2024 18:49
 Operator : SY/MD
 Sample : P5306-07
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-10-121224

Quant Time: Dec 20 22:03:50 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	164343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	302908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	266394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	108630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110799	61.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.120%
35) Dibromofluoromethane	7.634	113	108043	50.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.220%
50) Toluene-d8	10.109	98	415742	55.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.280%
62) 4-Bromofluorobenzene	12.408	95	129420	44.278	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.560%

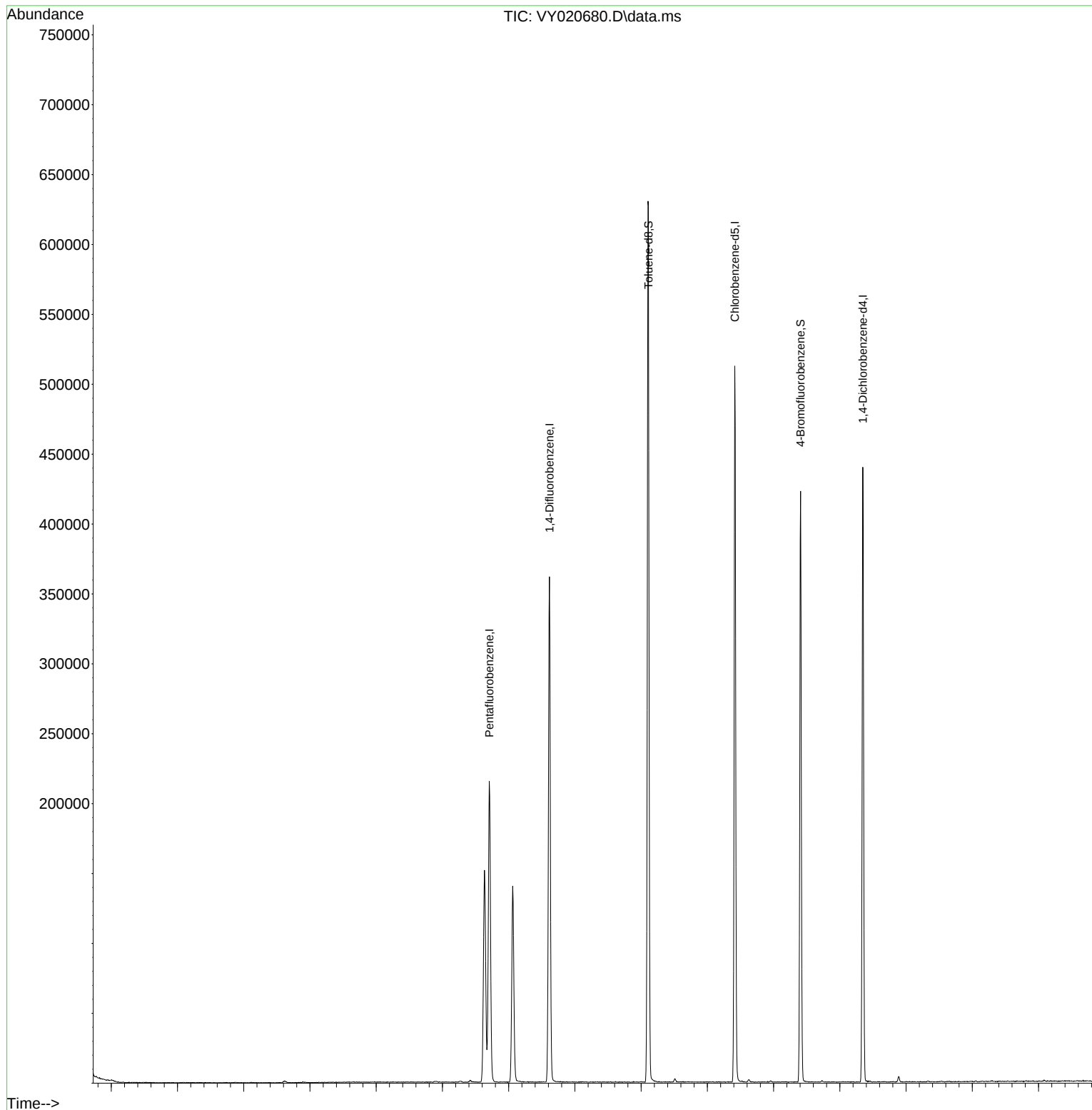
Target Compounds Qvalue

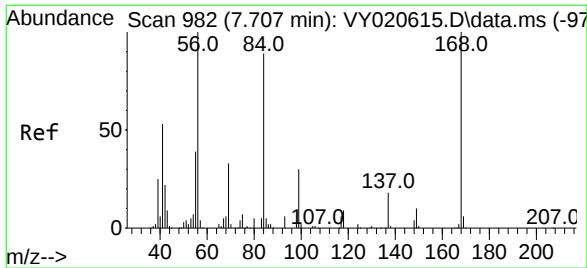
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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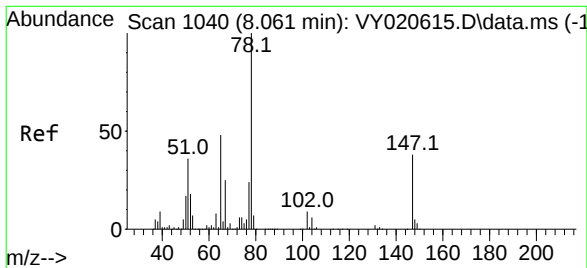
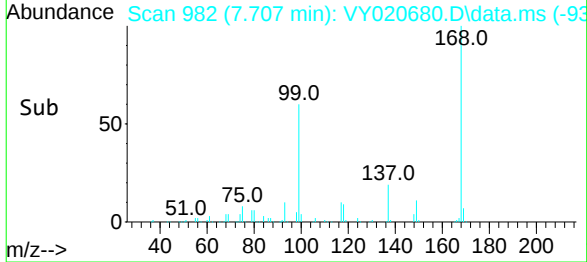
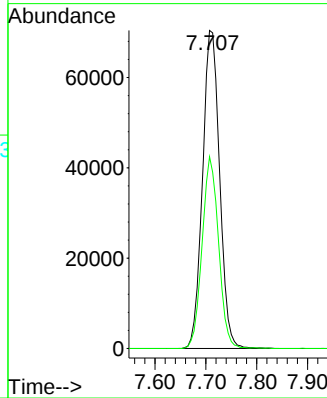
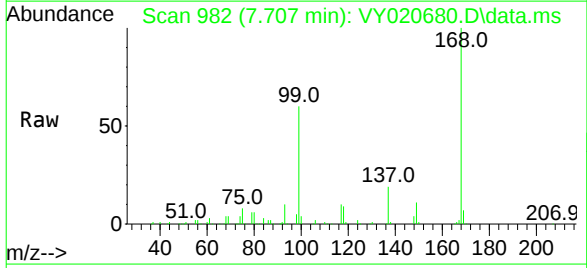




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020680.D
Acq: 20 Dec 2024 18:49

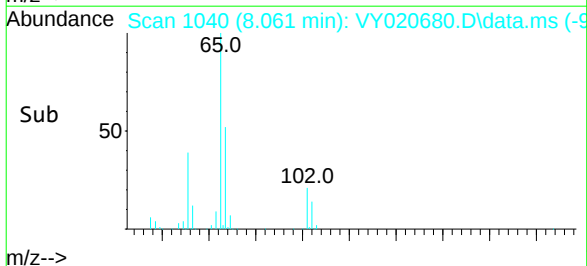
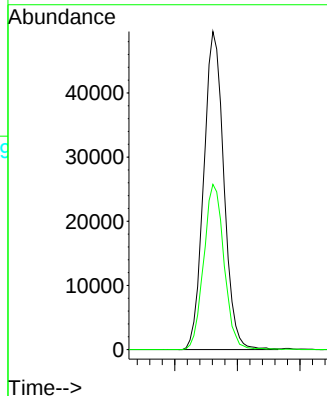
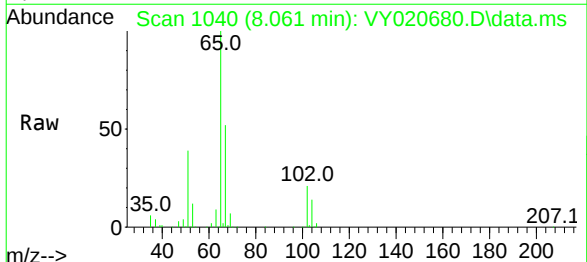
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-10-121224

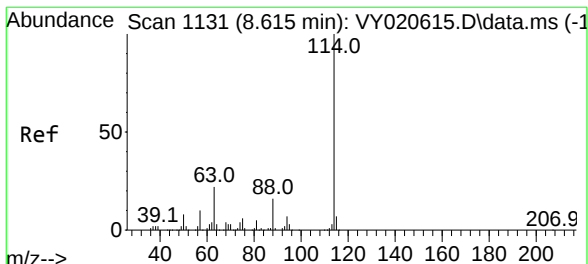
Tgt Ion:168 Resp: 164343
Ion Ratio Lower Upper
168 100
99 60.3 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 61.558 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020680.D
Acq: 20 Dec 2024 18:49

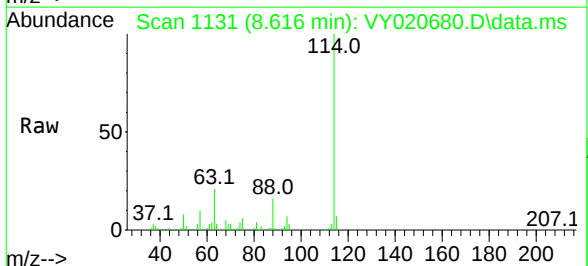
Tgt Ion: 65 Resp: 110799
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.0



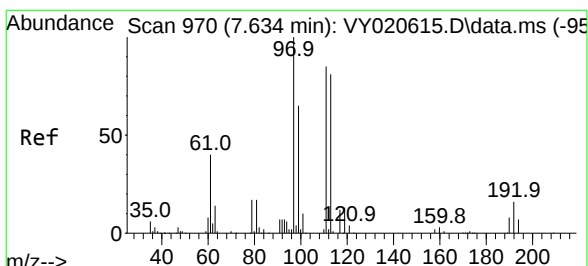
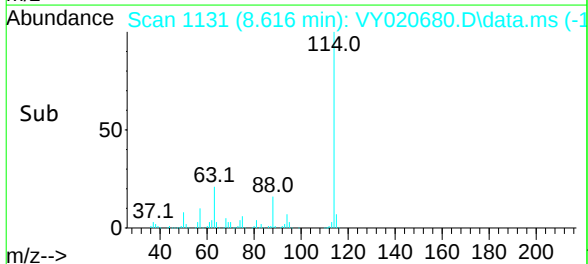
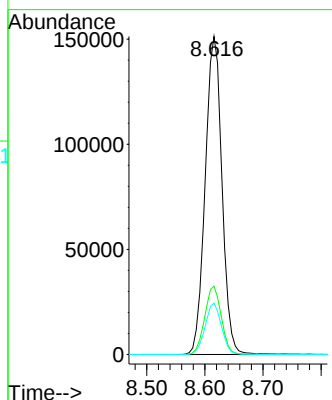


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020680.D
 Acq: 20 Dec 2024 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-10-121224

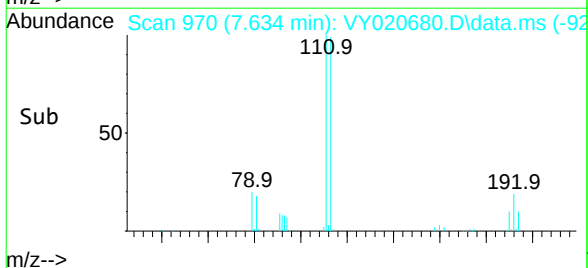
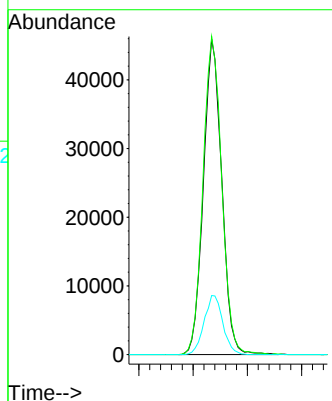
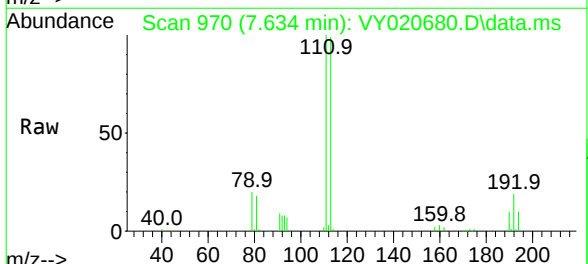


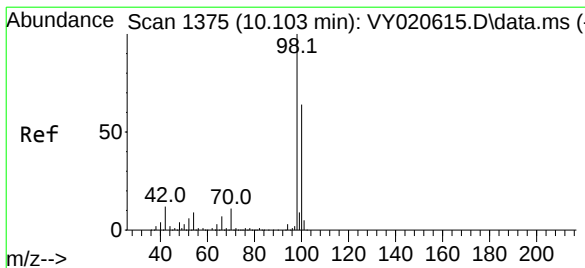
Tgt Ion:	114	Resp:	302908
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	16.1	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 50.610 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020680.D
 Acq: 20 Dec 2024 18:49

Tgt Ion:	113	Resp:	108043
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	19.1	15.7	23.5





#50

Toluene-d8

Concen: 55.639 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY020680.D

Acq: 20 Dec 2024 18:49

Instrument :

MSVOA_Y

ClientSampleId :

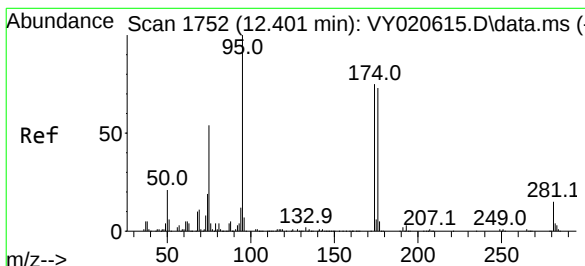
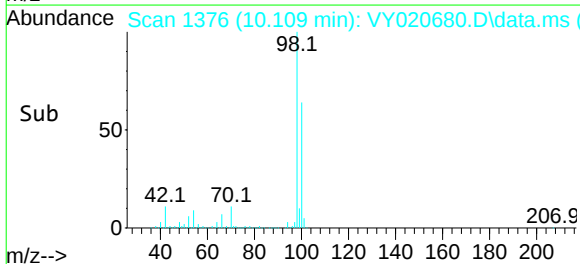
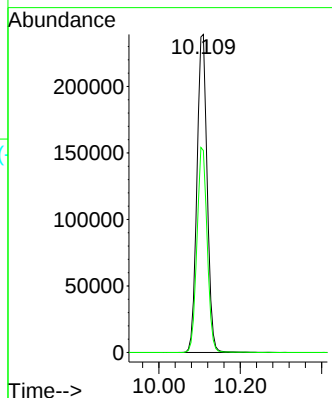
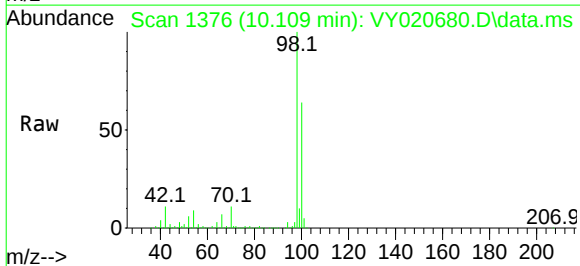
OU4-VSL-10-121224

Tgt Ion: 98 Resp: 415742

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.278 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020680.D

Acq: 20 Dec 2024 18:49

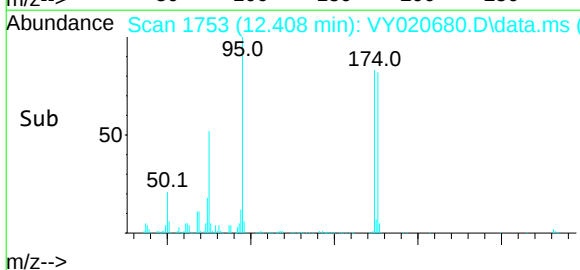
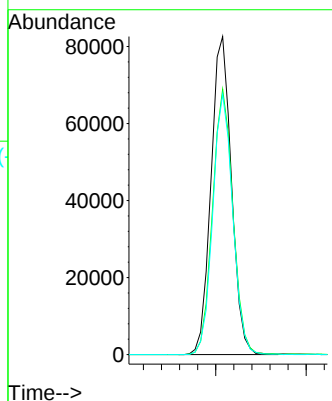
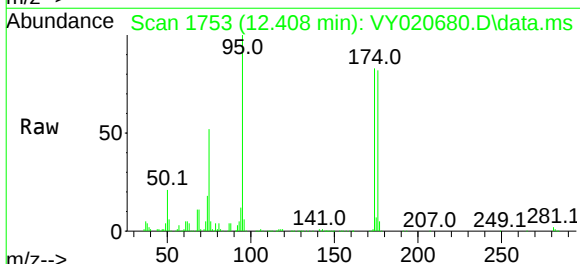
Tgt Ion: 95 Resp: 129420

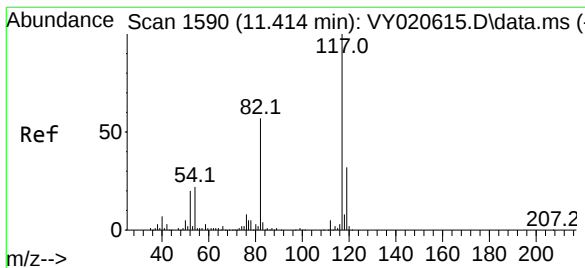
Ion Ratio Lower Upper

95 100

174 83.0 0.0 161.8

176 80.2 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: VY020680.D

Acq: 20 Dec 2024 18:49

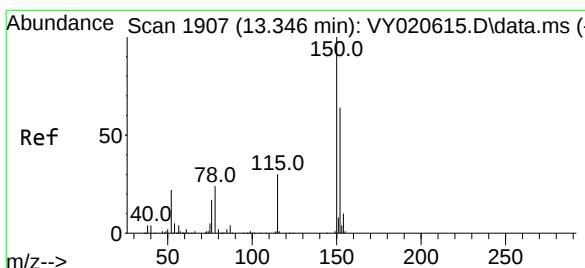
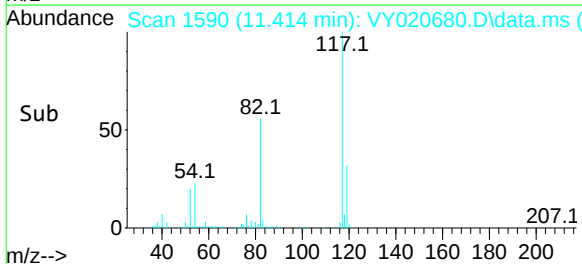
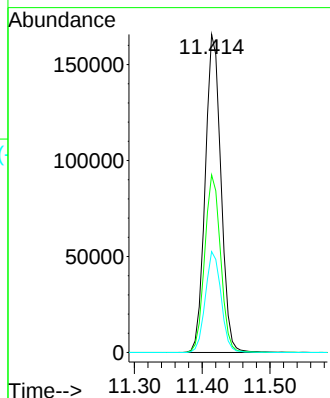
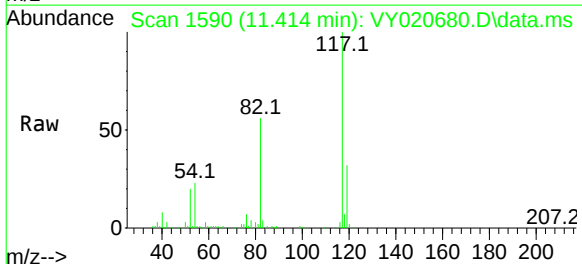
Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-10-121224

Tgt Ion:	117	Resp:	266394
Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.8	68.6
119	31.7	25.3	37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020680.D

Acq: 20 Dec 2024 18:49

Tgt Ion:	152	Resp:	108630
Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.2	90.6
150	157.7	0.0	355.4

