

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020655.D
 Acq On : 19 Dec 2024 15:12
 Operator : SY/MD
 Sample : P5306-07
 Misc : 5.31g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 20 00:55:17 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	12480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	15453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	10205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	6253	45.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.500%
35) Dibromofluoromethane	7.634	113	6171	56.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.320%
50) Toluene-d8	10.109	98	19631	51.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.408	95	3853	25.839	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	51.680%

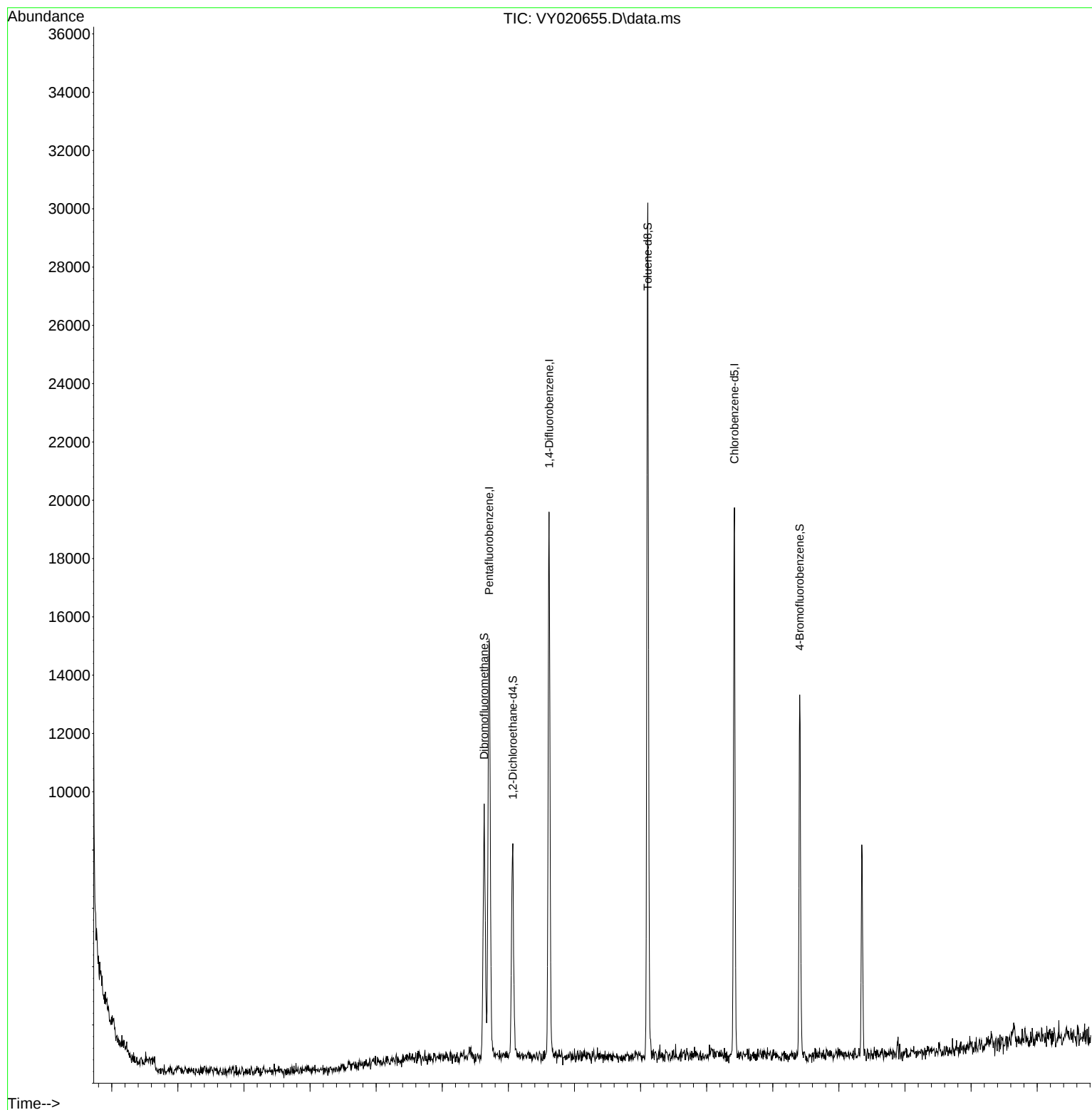
Target Compounds Qvalue

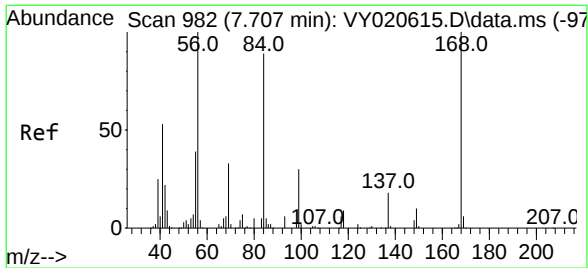
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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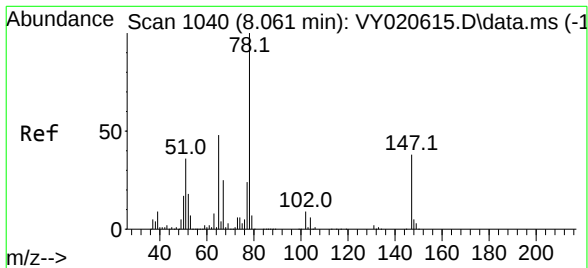
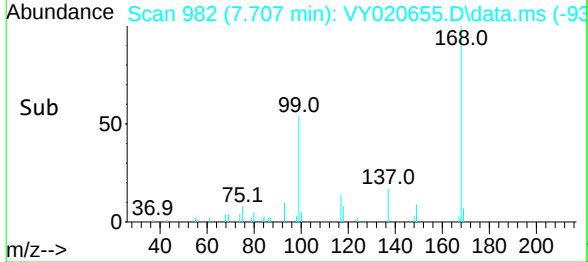
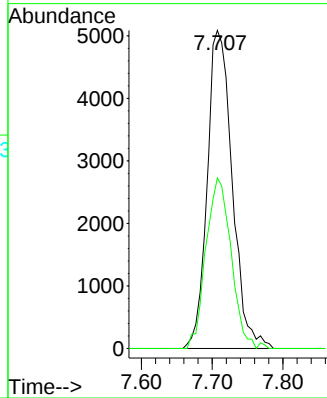
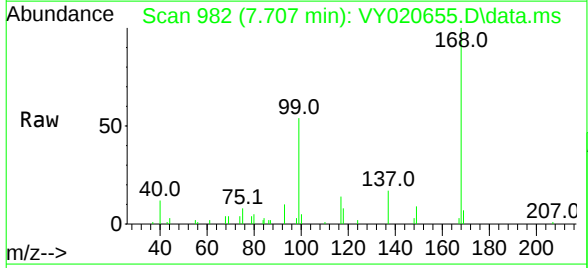




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020655.D
Acq: 19 Dec 2024 15:12

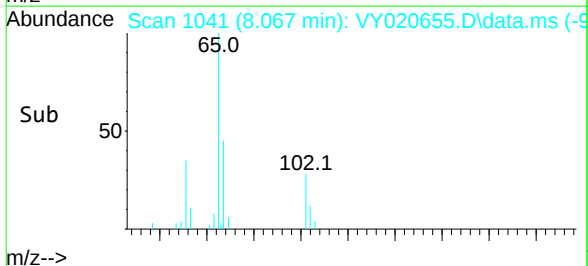
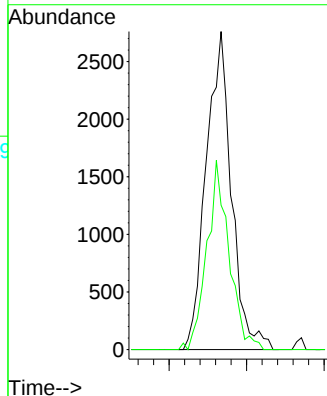
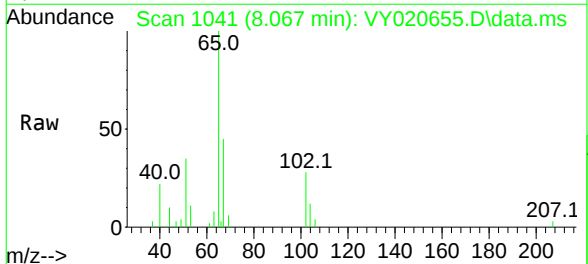
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-10-121224

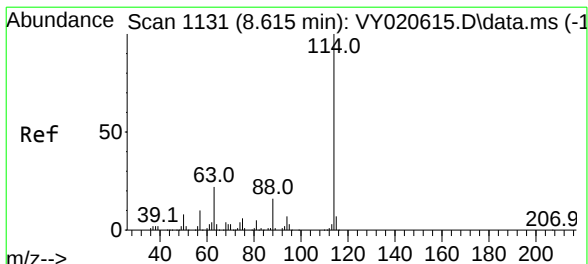
Tgt Ion:168 Resp: 12480
Ion Ratio Lower Upper
168 100
99 53.6 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 45.748 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020655.D
Acq: 19 Dec 2024 15:12

Tgt Ion: 65 Resp: 6253
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0

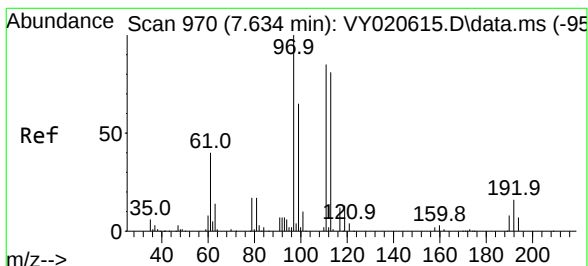
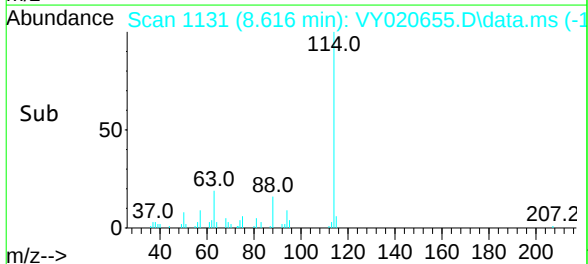
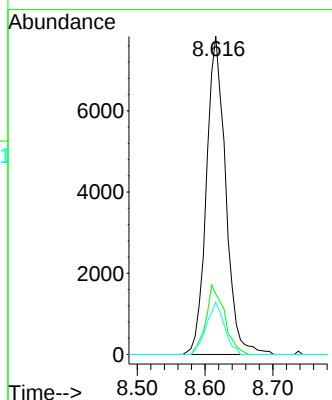
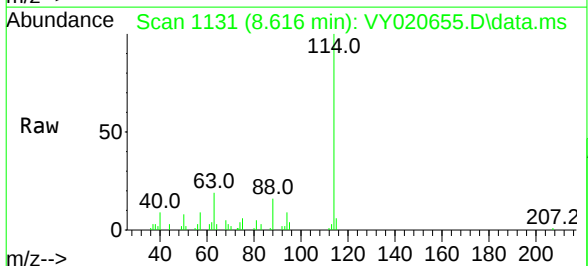




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020655.D
Acq: 19 Dec 2024 15:12

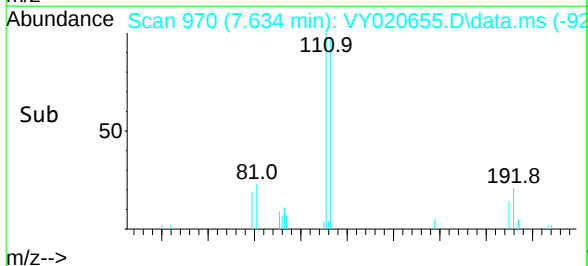
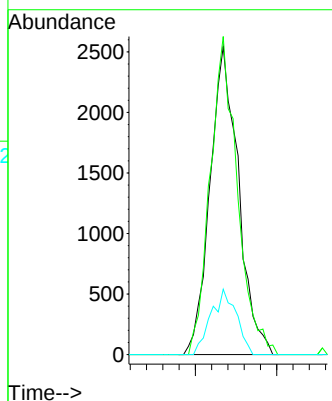
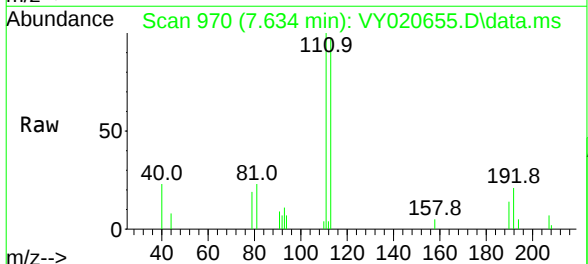
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-10-121224

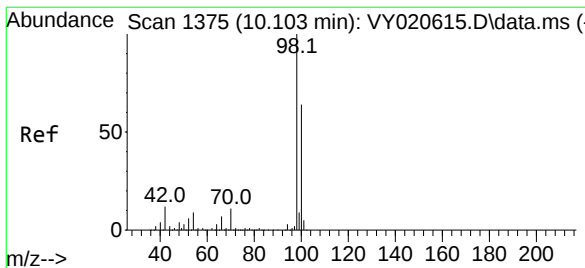
Tgt Ion:	114	Resp:	15453
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	44.0
88	16.4	0.0	32.8



#35
Dibromofluoromethane
Concen: 56.662 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020655.D
Acq: 19 Dec 2024 15:12

Tgt Ion:	113	Resp:	6171
Ion Ratio	Lower	Upper	
113	100		
111	98.8	82.9	124.3
192	18.9	15.7	23.5





#50

Toluene-d8

Concen: 51.498 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY020655.D

Acq: 19 Dec 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

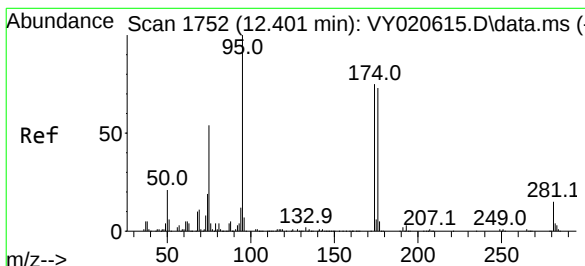
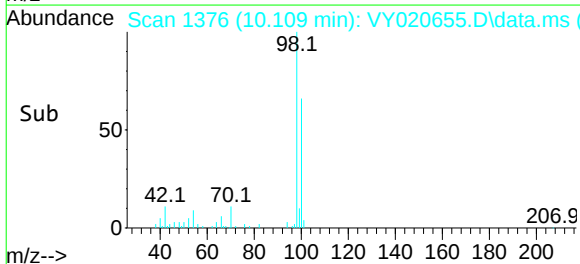
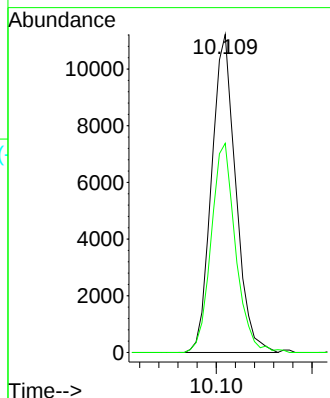
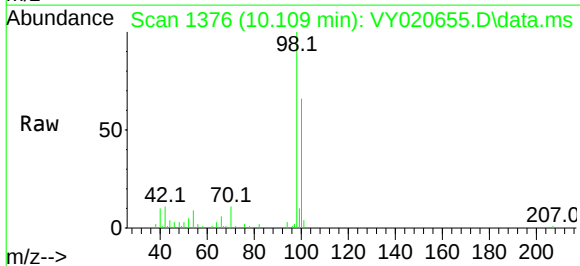
OU4-VSL-10-121224

Tgt Ion: 98 Resp: 19631

Ion Ratio Lower Upper

98 100

100 66.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 25.839 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020655.D

Acq: 19 Dec 2024 15:12

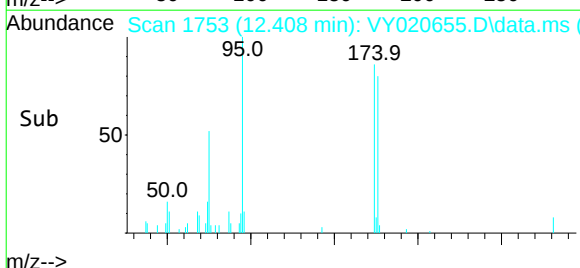
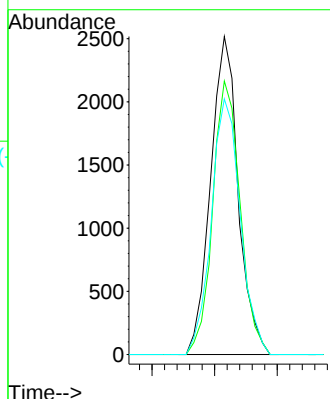
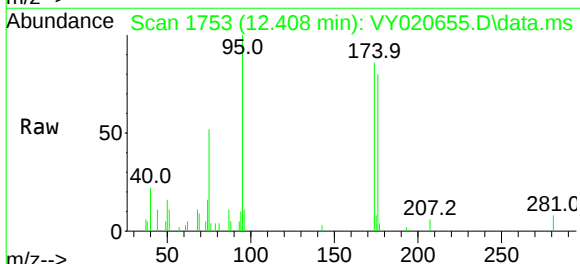
Tgt Ion: 95 Resp: 3853

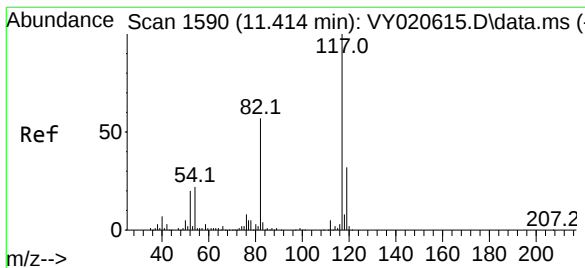
Ion Ratio Lower Upper

95 100

174 85.2 0.0 161.8

176 84.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020655.D

Acq: 19 Dec 2024 15:12

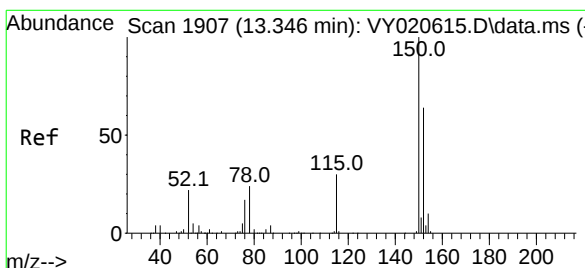
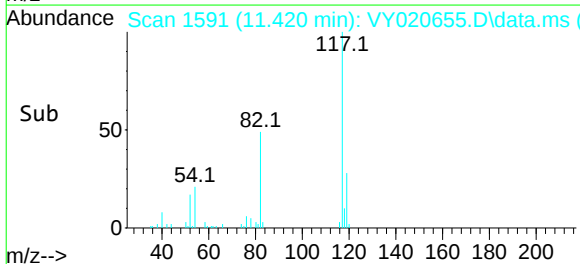
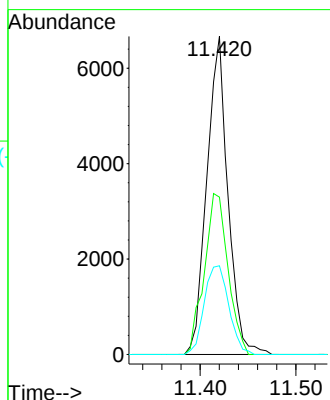
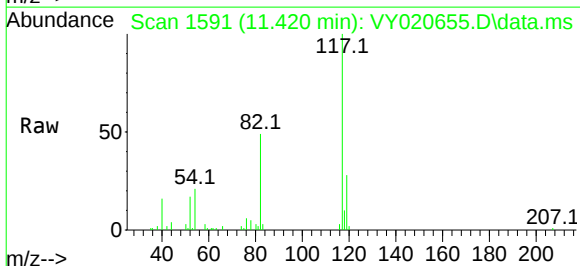
Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-10-121224

Tgt Ion:	117	Resp:	10205
Ion	Ratio	Lower	Upper
117	100		
82	49.5	45.8	68.6
119	27.9	25.3	37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020655.D

Acq: 19 Dec 2024 15:12

Tgt Ion:	152	Resp:	1903
Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.2	90.6
150	162.9	0.0	355.4

