

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020657.D
 Acq On : 19 Dec 2024 15:59
 Operator : SY/MD
 Sample : P5306-11
 Misc : 4.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-12-121224

Quant Time: Dec 20 00:56:14 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	165561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	306101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	271225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110299	60.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.660%
35) Dibromofluoromethane	7.634	113	110350	51.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.109	98	474309	62.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	125.620%
62) 4-Bromofluorobenzene	12.408	95	144370	48.877	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.760%

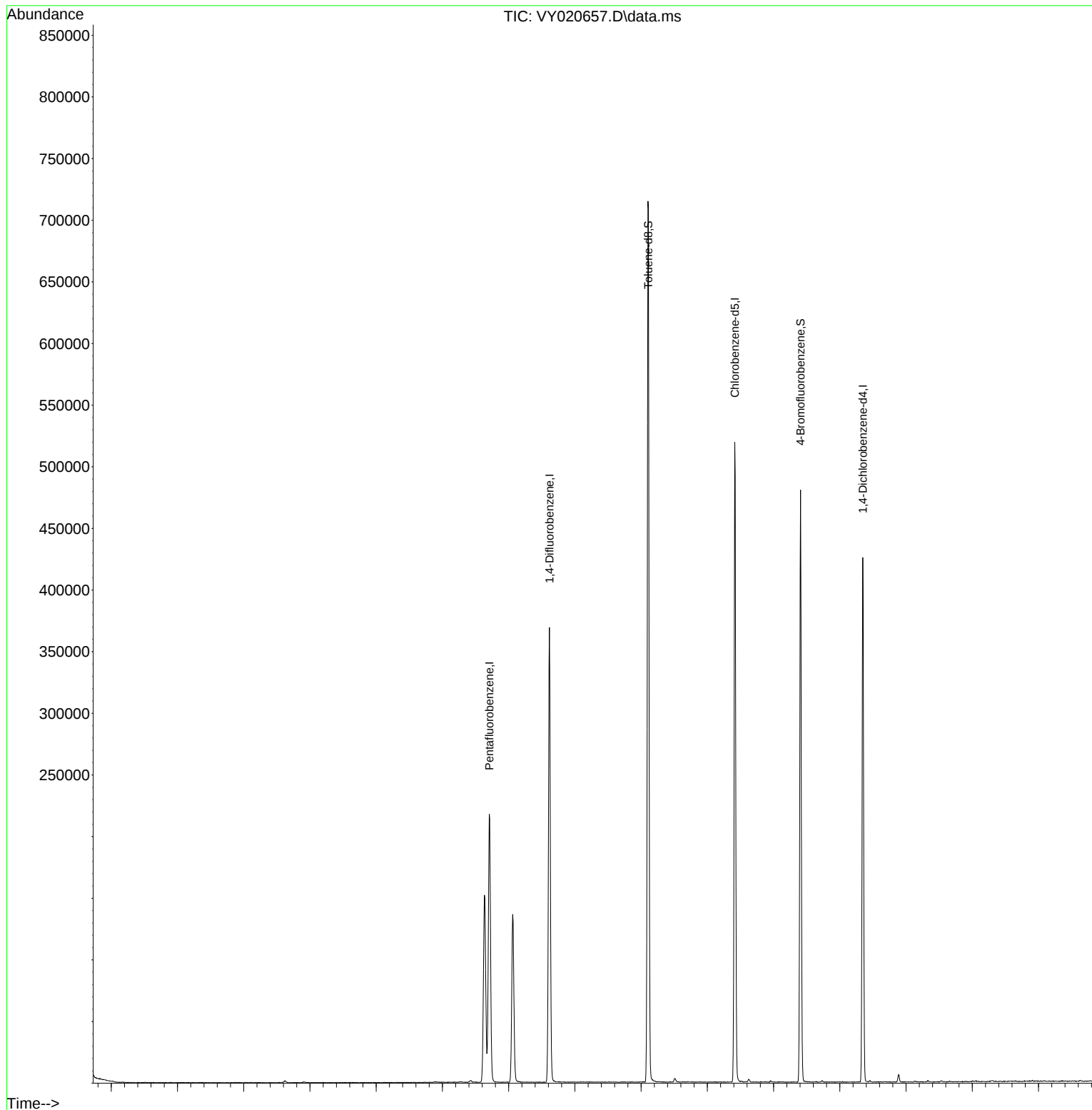
Target Compounds Qvalue

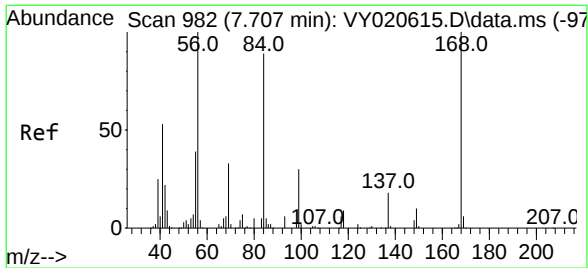
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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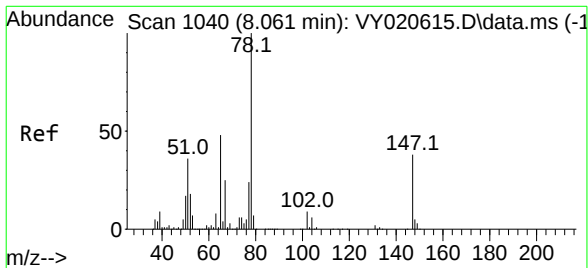
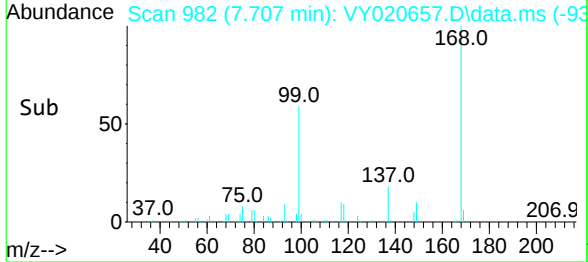
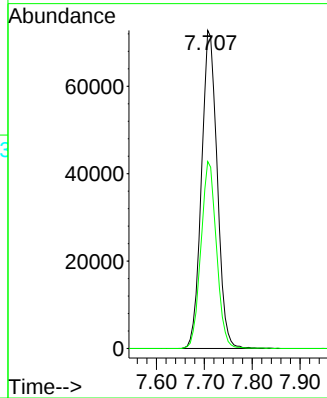
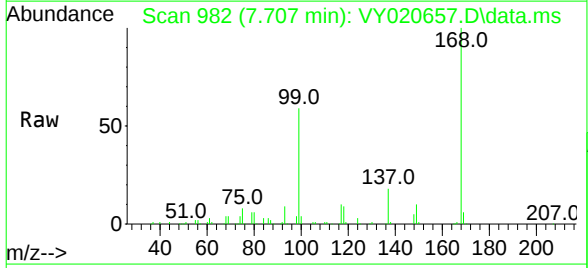




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

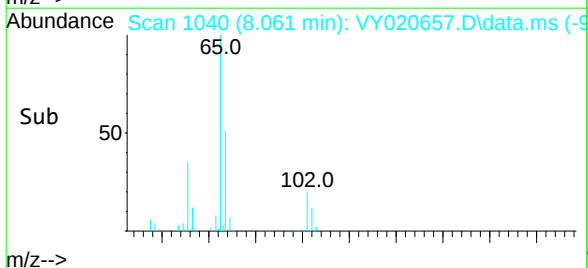
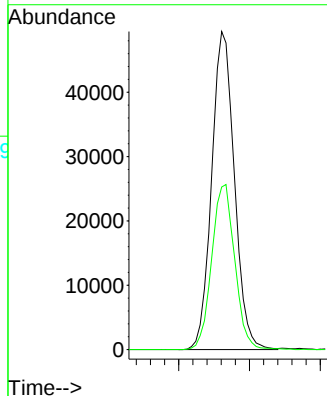
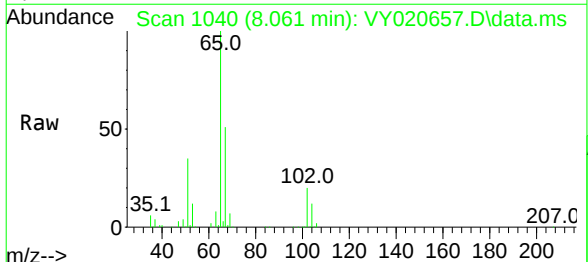
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

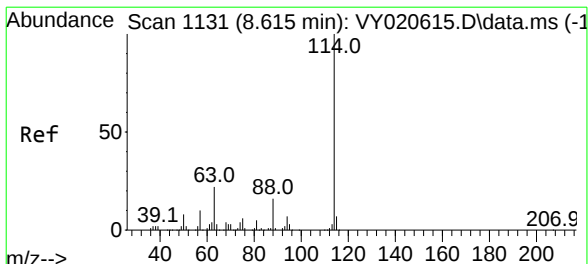
Tgt Ion:168 Resp: 165561
Ion Ratio Lower Upper
168 100
99 58.8 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 60.830 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

Tgt Ion: 65 Resp: 110299
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0

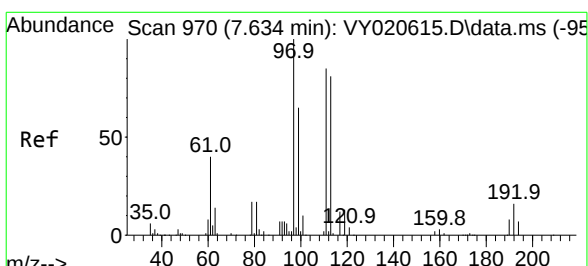
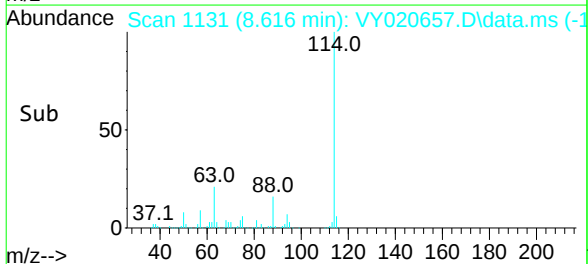
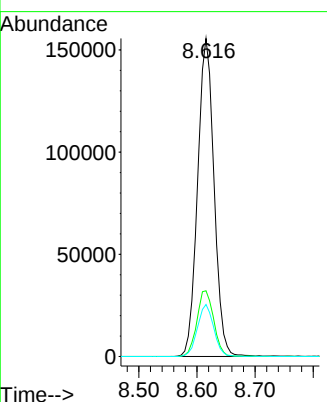
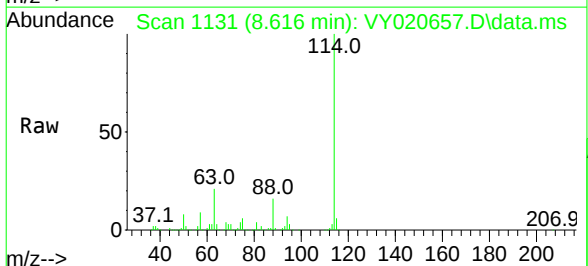




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020657.D
 Acq: 19 Dec 2024 15:59

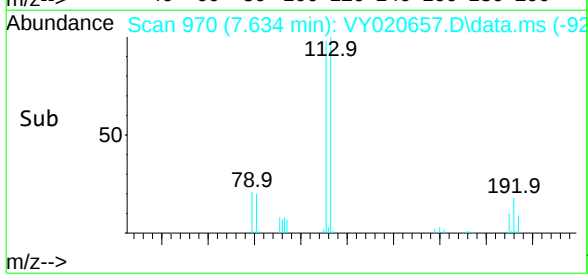
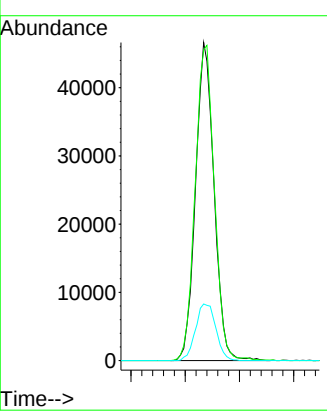
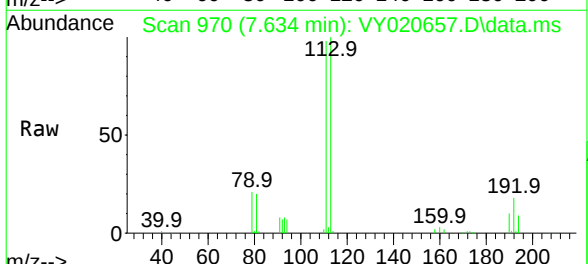
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-12-121224

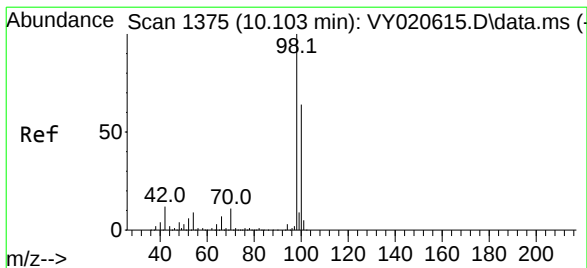
Tgt Ion:	114	Resp:	306101
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.0
88	16.3	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 51.151 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020657.D
 Acq: 19 Dec 2024 15:59

Tgt Ion:	113	Resp:	110350
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	19.6	15.7	23.5





#50

Toluene-d8

Concen: 62.814 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY020657.D

Acq: 19 Dec 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

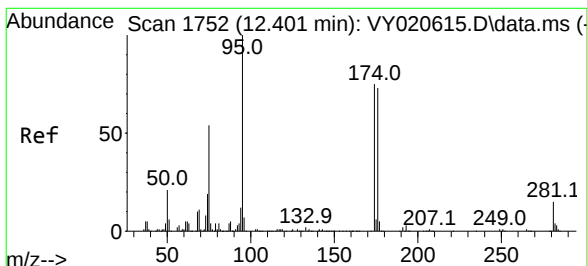
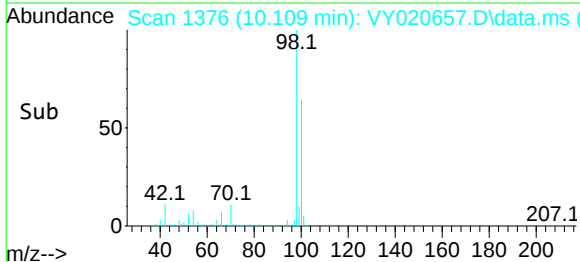
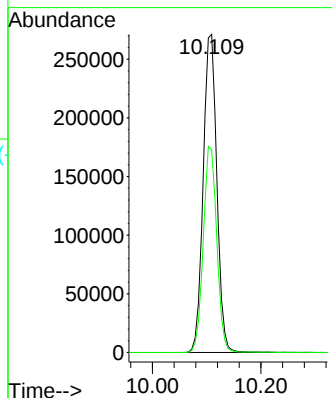
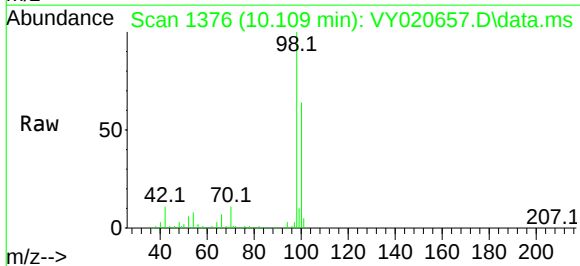
OU4-VSL-12-121224

Tgt Ion: 98 Resp: 474309

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 48.877 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020657.D

Acq: 19 Dec 2024 15:59

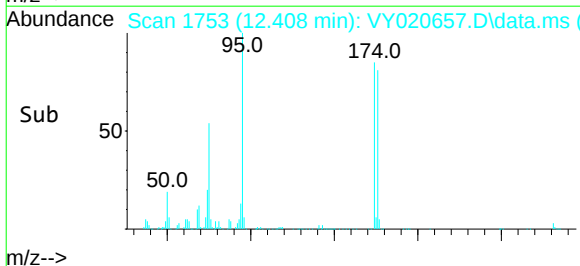
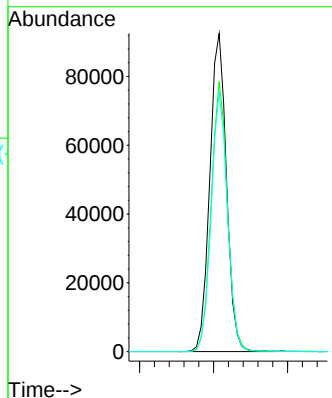
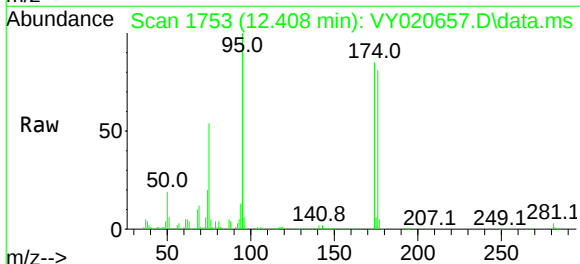
Tgt Ion: 95 Resp: 144370

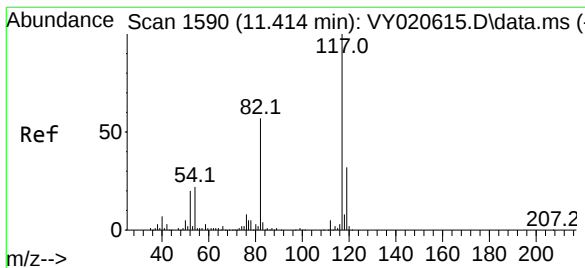
Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.8

176 79.6 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: VY020657.D

Acq: 19 Dec 2024 15:59

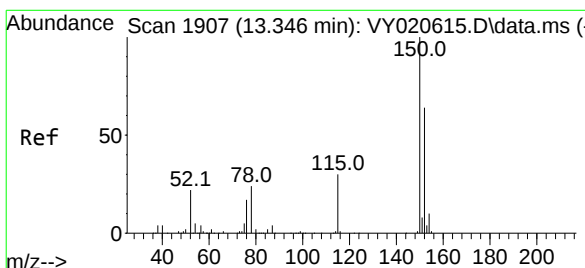
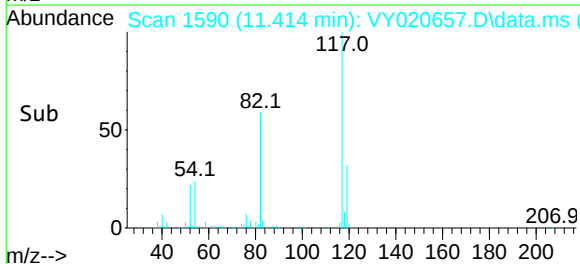
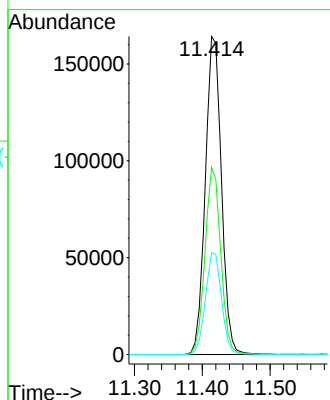
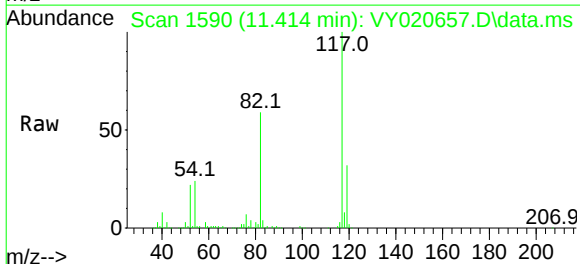
Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-12-121224

Tgt Ion:	117	Resp:	271225
Ion	Ratio	Lower	Upper
117	100		
82	58.9	45.8	68.6
119	32.0	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: VY020657.D

Acq: 19 Dec 2024 15:59

Tgt Ion:	152	Resp:	106870
Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.2	90.6
150	156.6	0.0	355.4

