

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020653.D
 Acq On : 19 Dec 2024 14:26
 Operator : SY/MD
 Sample : P5306-03
 Misc : 5.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 20 00:54:28 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	3349	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	4785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2142	58.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.800%	
35) Dibromofluoromethane	7.628	113	1848	54.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.600%	
50) Toluene-d8	10.103	98	5682	48.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.280%	
62) 4-Bromofluorobenzene	12.408	95	586	12.691	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 25.380%#	

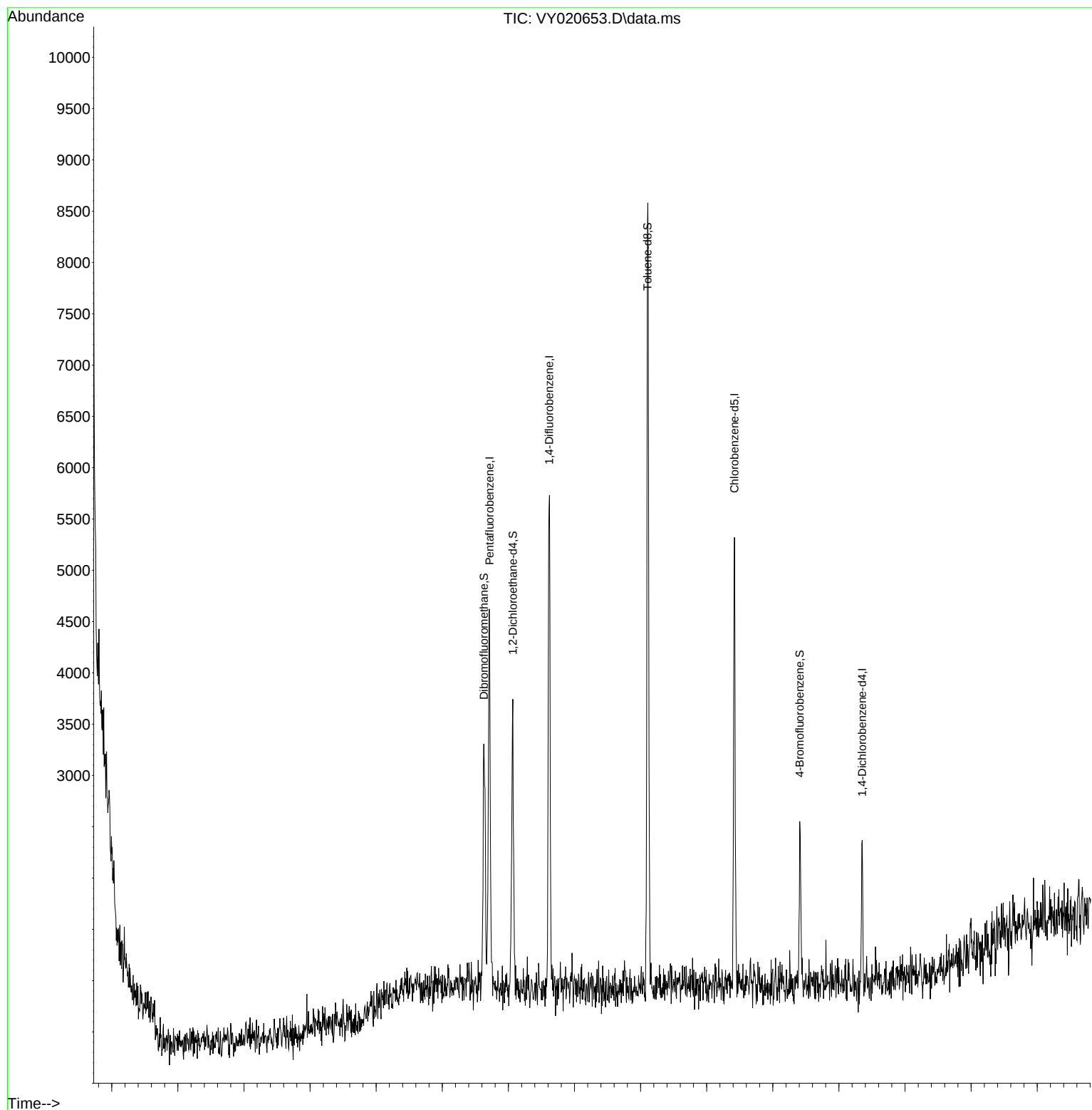
Target Compounds Qvalue

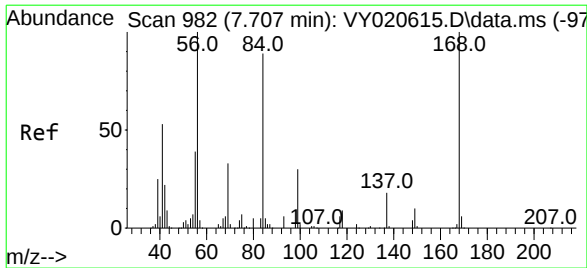
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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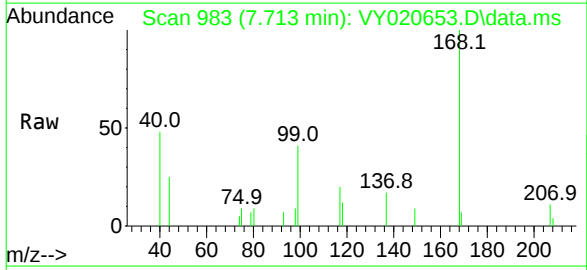
Quant Time: Dec 20 00:54:28 2024
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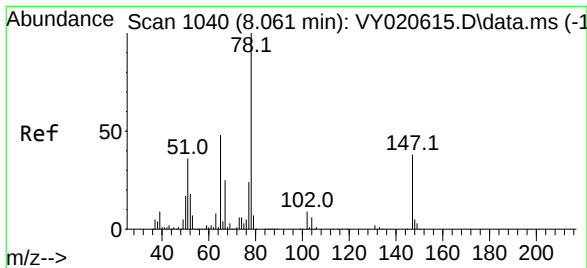
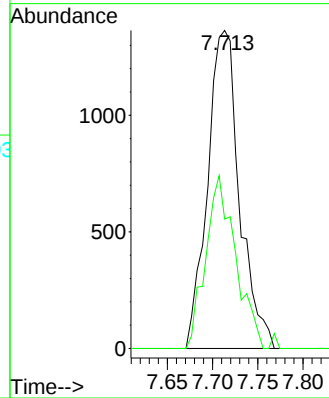
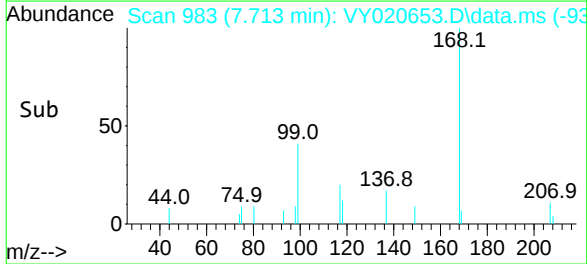


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26

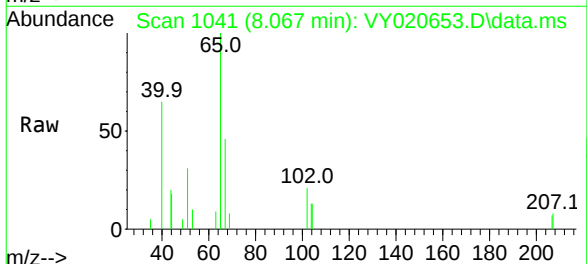
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-08-121224



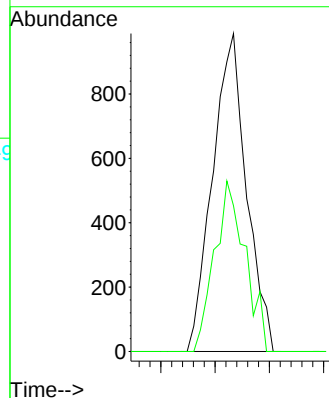
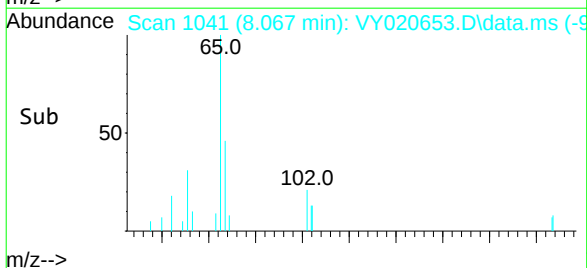
Tgt Ion:168 Resp: 3349
Ion Ratio Lower Upper
168 100
99 40.7 47.0 70.6#

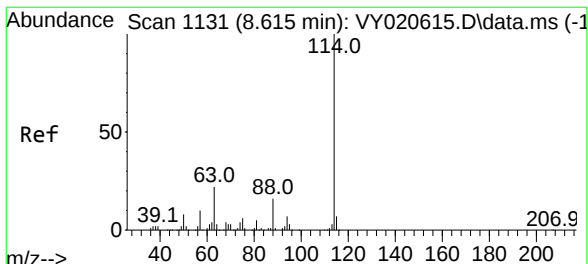


#33
1,2-Dichloroethane-d4
Concen: 58.399 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020653.D
Acq: 19 Dec 2024 14:26



Tgt Ion: 65 Resp: 2142
Ion Ratio Lower Upper
65 100
67 48.4 0.0 108.0

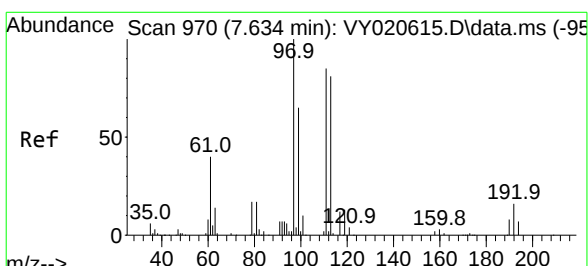
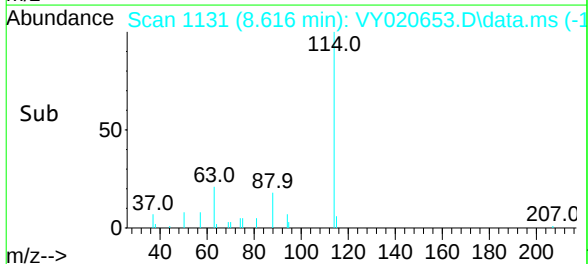
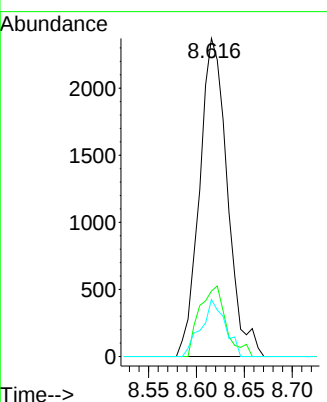
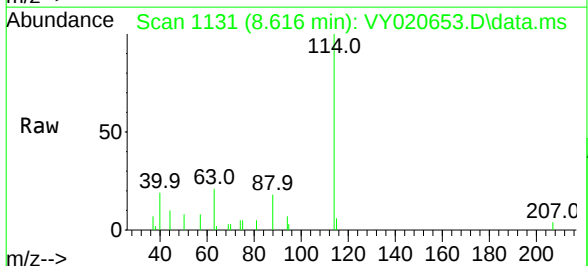




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020653.D
 Acq: 19 Dec 2024 14:26

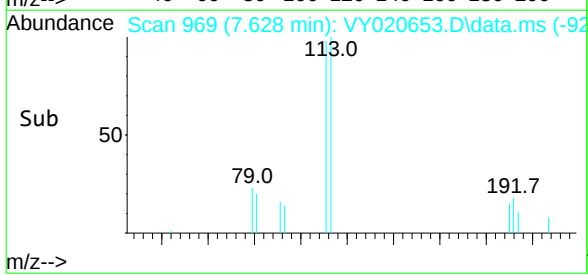
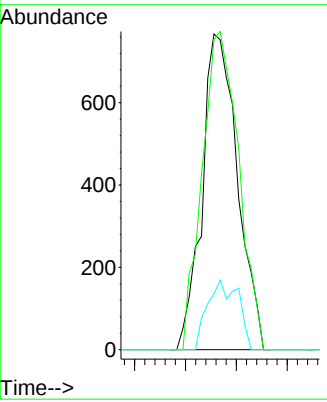
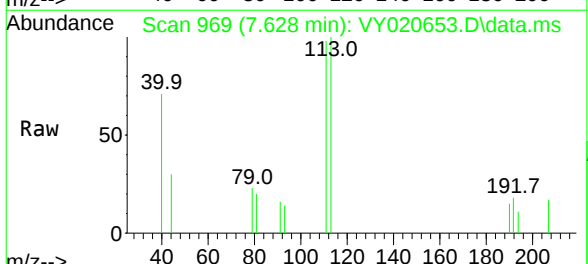
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 ClientSampleId :
 OU4-VSL-08-121224

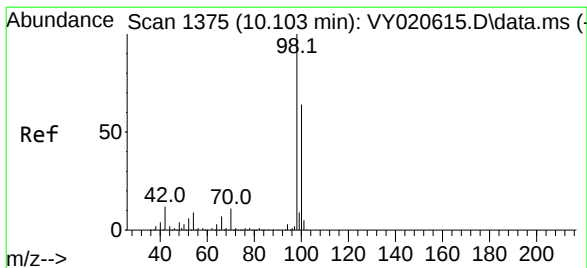
Tgt Ion:	114	Resp:	4785
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	44.0
88	17.9	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 54.799 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.006 min
 Lab File: VY020653.D
 Acq: 19 Dec 2024 14:26

Tgt Ion:	113	Resp:	1848
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	19.2	15.7	23.5





#50

Toluene-d8

Concen: 48.137 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020653.D

Acq: 19 Dec 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

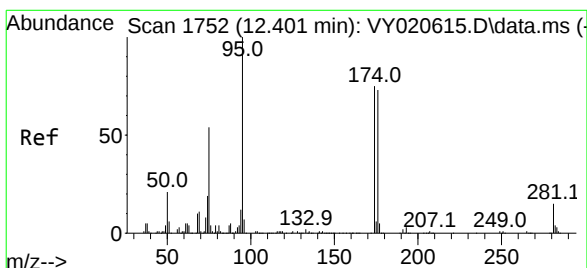
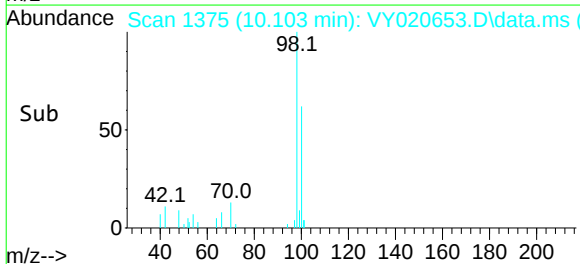
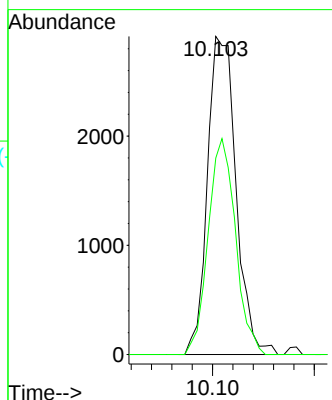
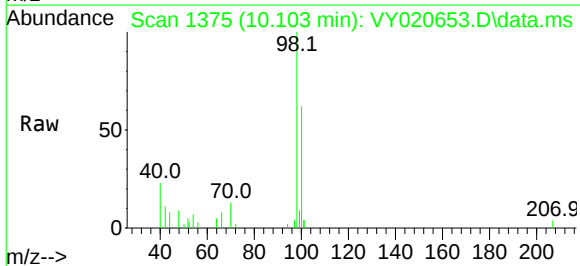
OU4-VSL-08-121224

Tgt Ion: 98 Resp: 5682

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 12.691 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020653.D

Acq: 19 Dec 2024 14:26

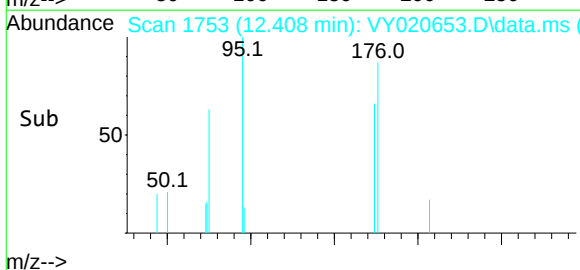
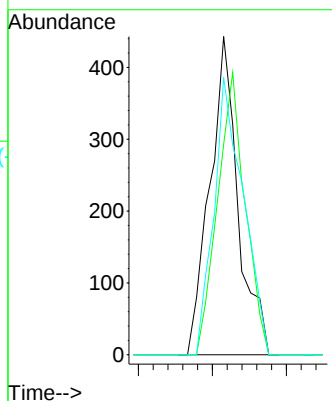
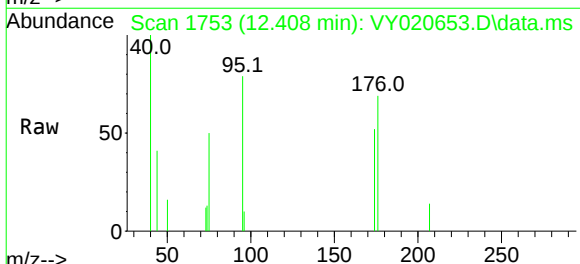
Tgt Ion: 95 Resp: 586

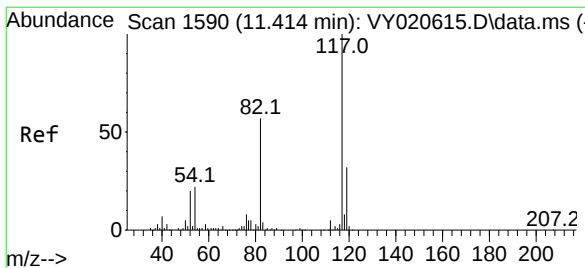
Ion Ratio Lower Upper

95 100

174 86.9 0.0 161.8

176 91.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020653.D

Acq: 19 Dec 2024 14:26

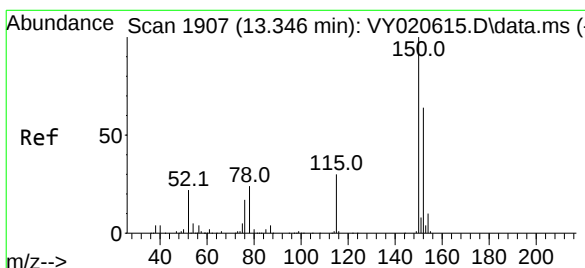
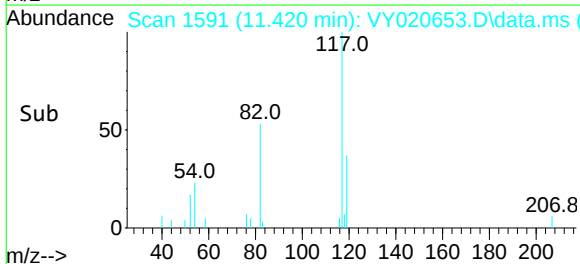
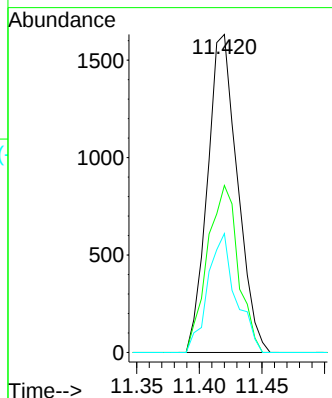
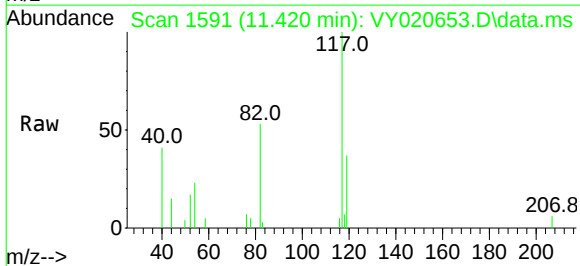
Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-08-121224

Tgt Ion:	117	Resp:	2718
Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.8	68.6
119	37.4	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: VY020653.D

Acq: 19 Dec 2024 14:26

Tgt Ion:	152	Resp:	484
Ion	Ratio	Lower	Upper
152	100		
115	58.3	30.2	90.6
150	125.2	0.0	355.4

