

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020511.D
 Acq On : 04 Dec 2024 13:16
 Operator : SY/MD
 Sample : P5072-03RE
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-737-VOCRE

Quant Time: Dec 05 03:25:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	24987	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	37123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	25987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	5557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	10755	42.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.640%
35) Dibromofluoromethane	7.640	113	10862	46.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.960%
50) Toluene-d8	10.109	98	41900	47.083	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.414	95	8576	27.554	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.100%

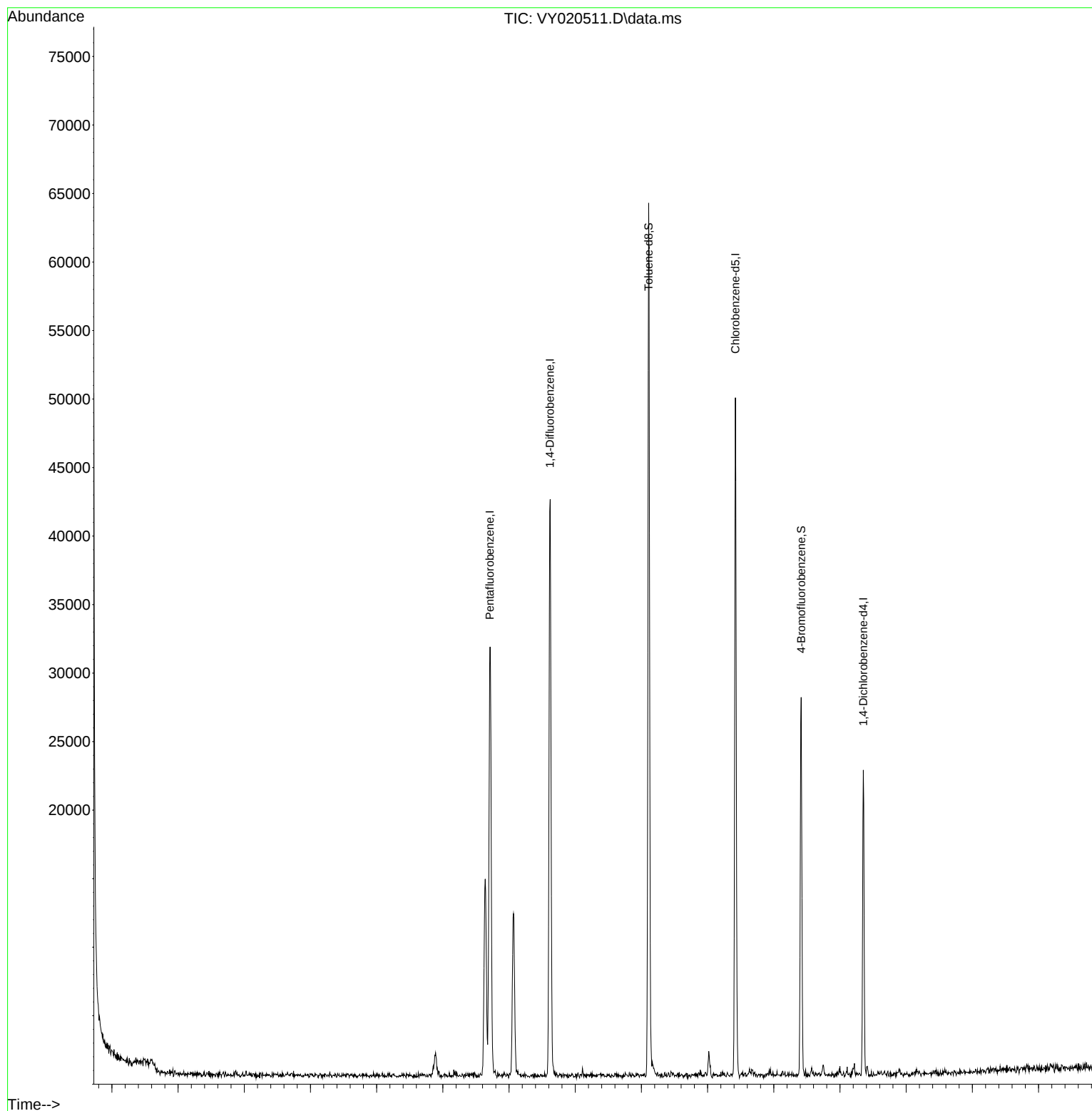
Target Compounds Qvalue

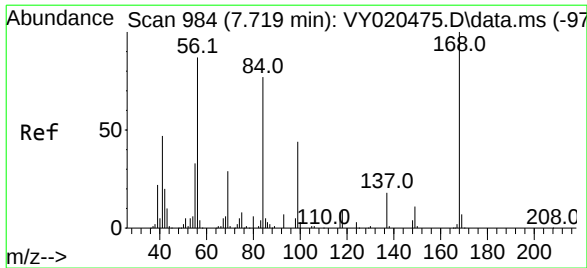
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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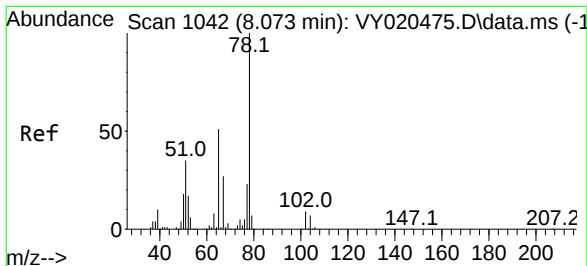
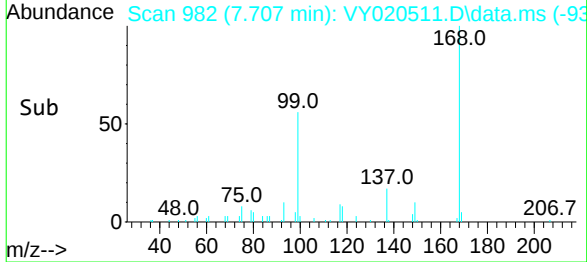
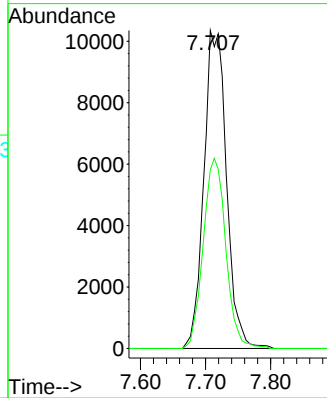
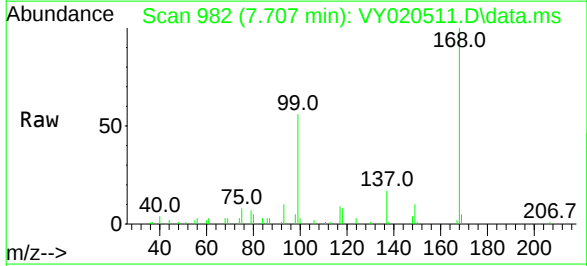




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020511.D
Acq: 04 Dec 2024 13:16

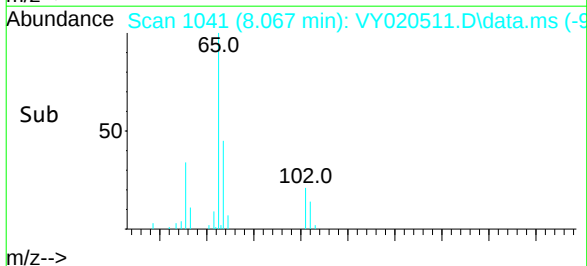
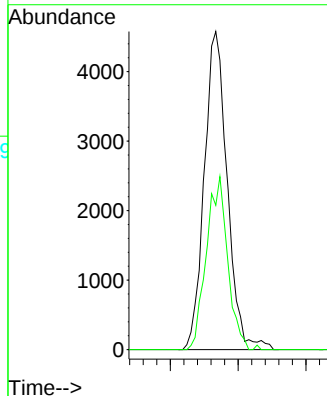
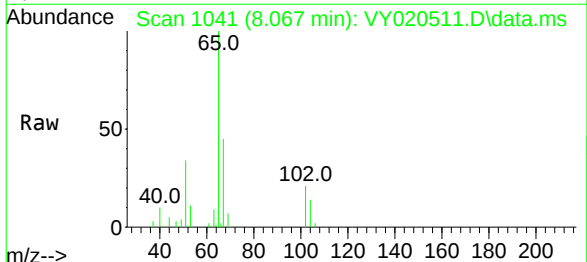
Instrument :
MSVOA_Y
ClientSampleId :
MH-737-VOCRE

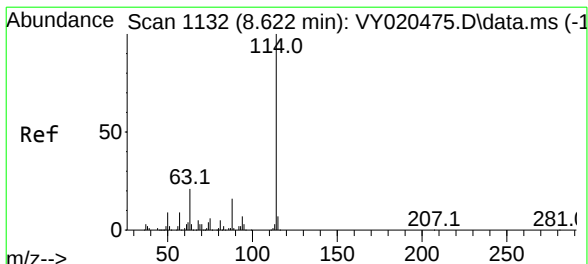
Tgt Ion:168 Resp: 24987
Ion Ratio Lower Upper
168 100
99 56.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 42.322 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020511.D
Acq: 04 Dec 2024 13:16

Tgt Ion: 65 Resp: 10755
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.8

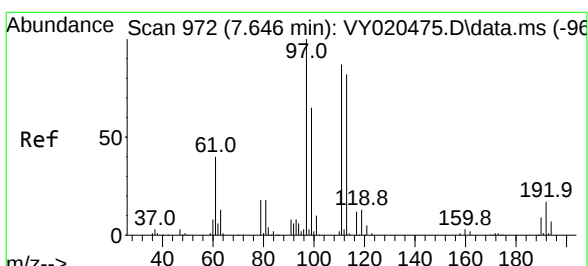
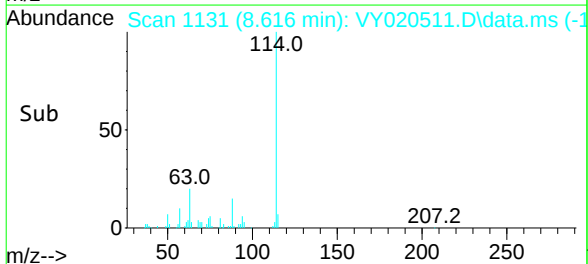
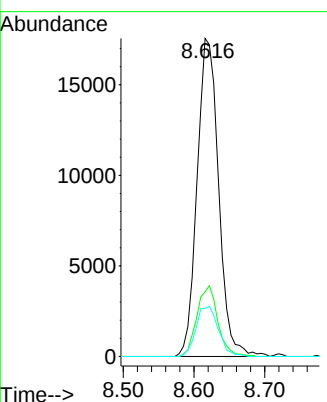
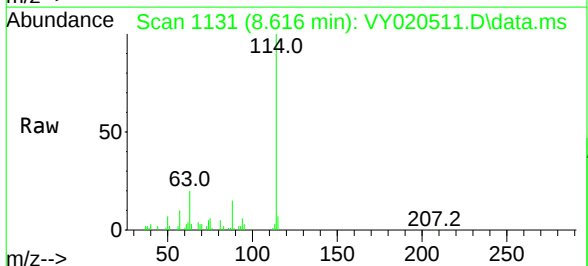




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY020511.D
 Acq: 04 Dec 2024 13:16

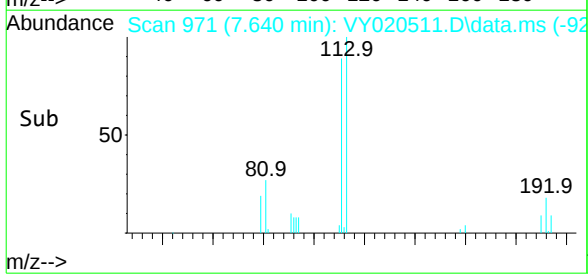
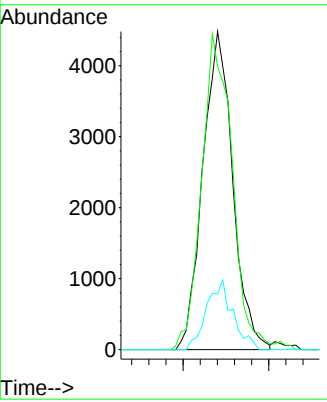
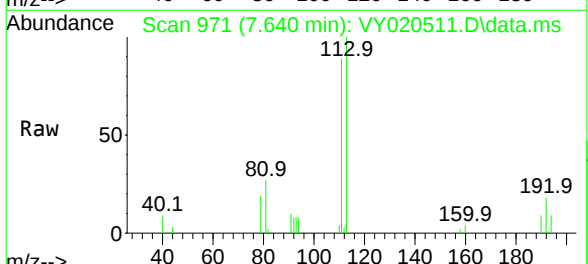
Instrument :
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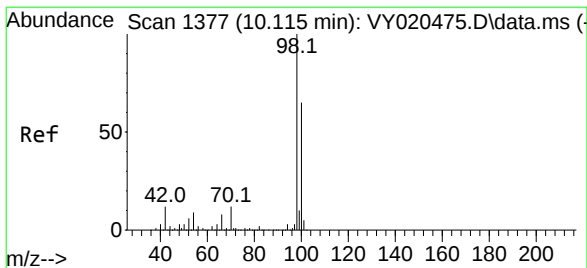
Tgt Ion:	114	Resp:	37123
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.8
88	15.1	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 46.477 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.006 min
 Lab File: VY020511.D
 Acq: 04 Dec 2024 13:16

Tgt Ion:	113	Resp:	10862
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.4	122.0
192	19.1	15.1	22.7





#50

Toluene-d8

Concen: 47.083 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020511.D

Acq: 04 Dec 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

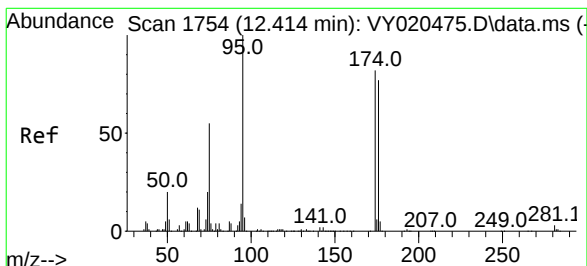
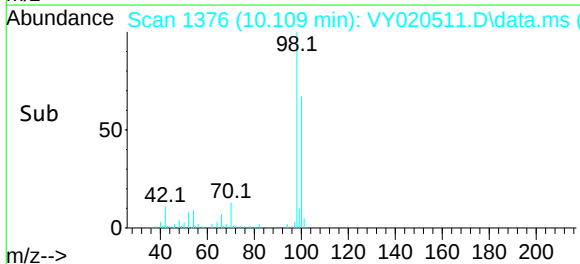
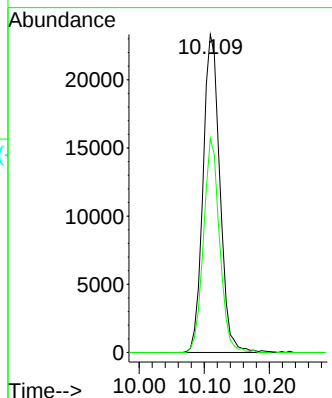
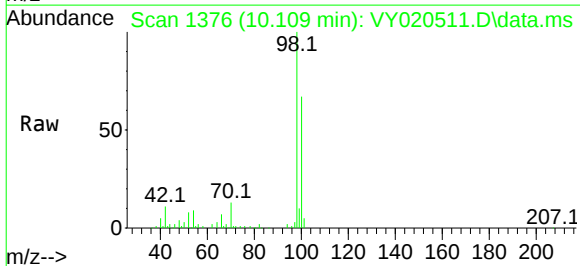
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Tgt Ion: 98 Resp: 41900

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 27.554 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020511.D

Acq: 04 Dec 2024 13:16

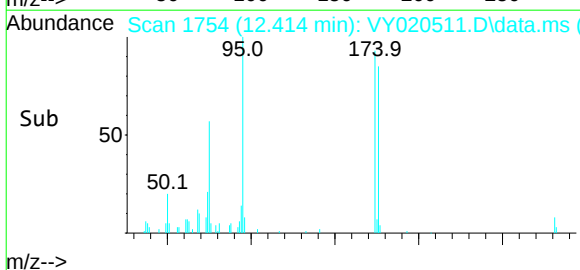
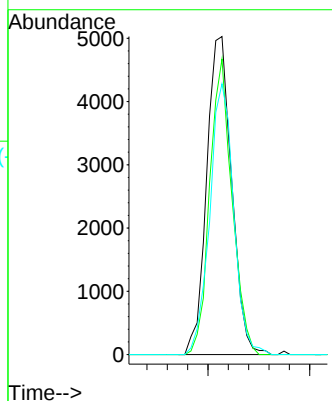
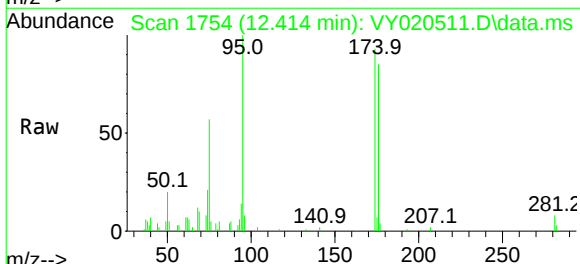
Tgt Ion: 95 Resp: 8576

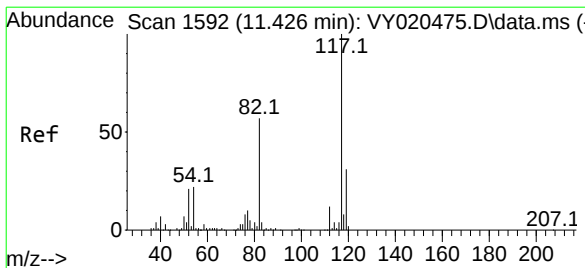
Ion Ratio Lower Upper

95 100

174 82.9 0.0 156.8

176 81.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020511.D

Acq: 04 Dec 2024 13:16

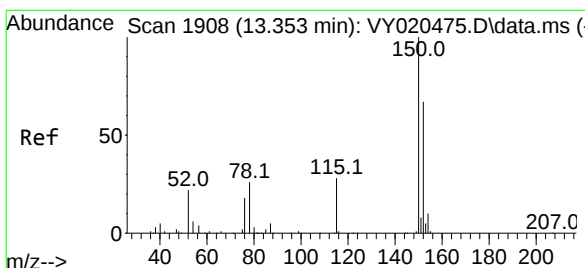
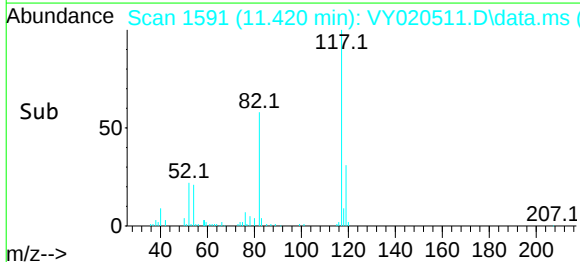
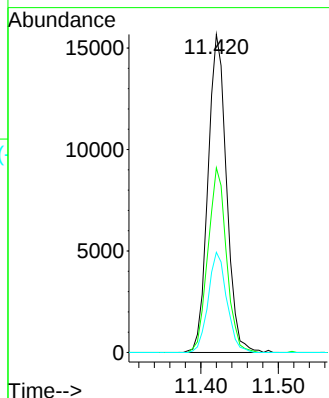
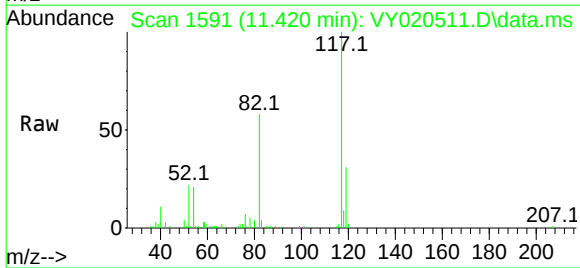
Instrument :

MSVOA_Y

ClientSampleId :

MH-737-VOCRE

Tgt Ion:	117	Resp:	25987
Ion	Ratio	Lower	Upper
117	100		
82	58.1	48.2	72.4
119	31.5	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020511.D

Acq: 04 Dec 2024 13:16

Tgt Ion:	152	Resp:	5557
Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.0	90.0
150	167.0	0.0	348.2

