

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020702.D
 Acq On : 23 Dec 2024 19:25
 Operator : SY/MD
 Sample : P5355-01
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR251688

Quant Time: Dec 25 01:02:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 25 00:58:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	91173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	146983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	126034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	53397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	50178	62.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.280%
35) Dibromofluoromethane	7.640	113	45913	53.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.400%
50) Toluene-d8	10.115	98	168838	53.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.720%
62) 4-Bromofluorobenzene	12.408	95	53326	46.739	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.480%

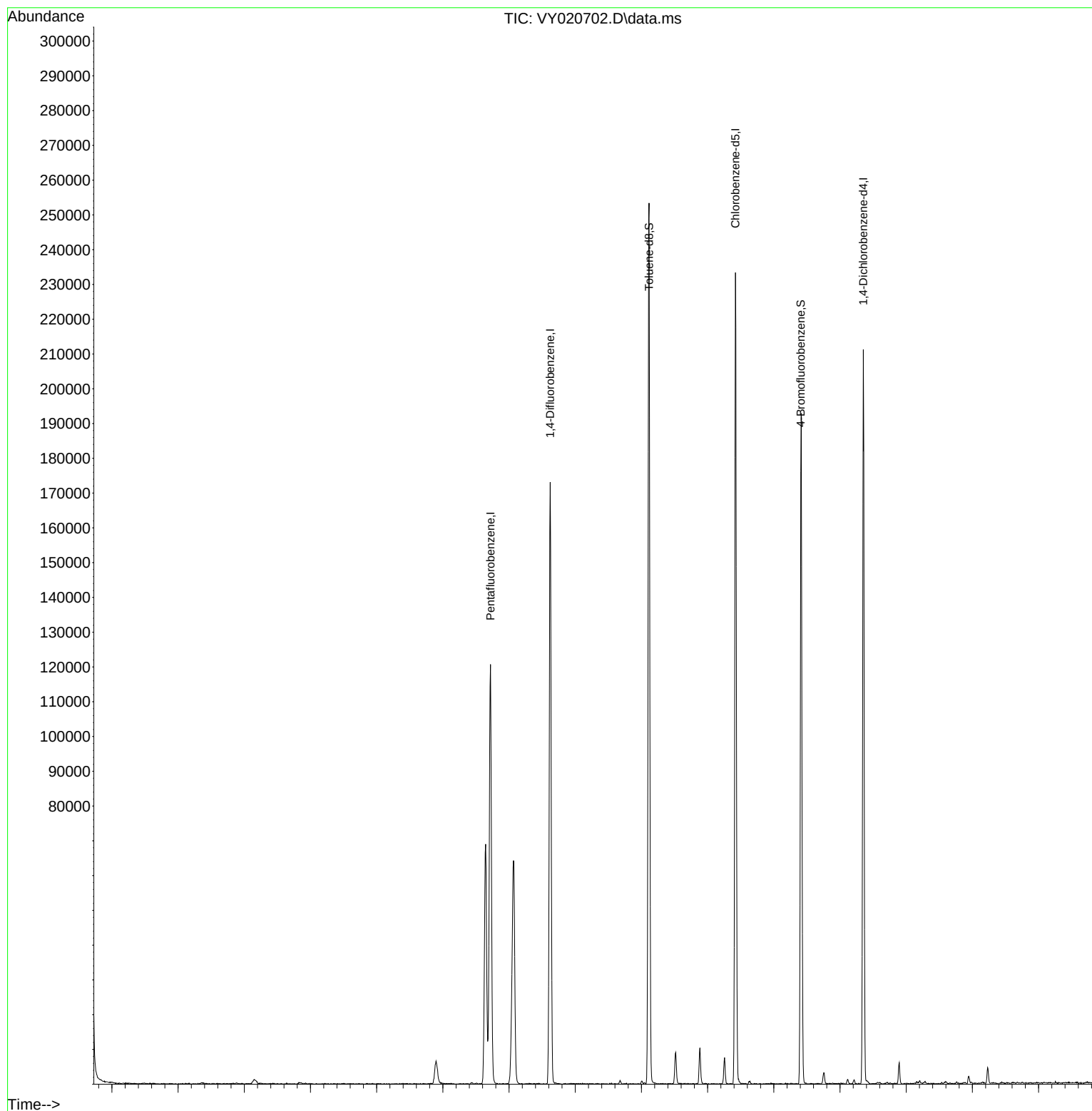
Target Compounds Qvalue

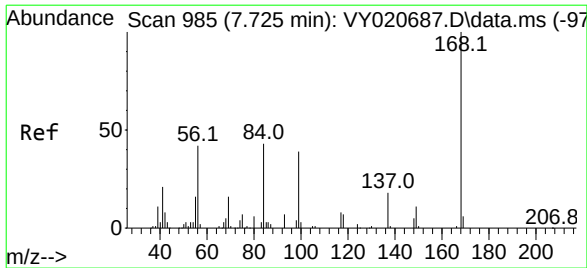
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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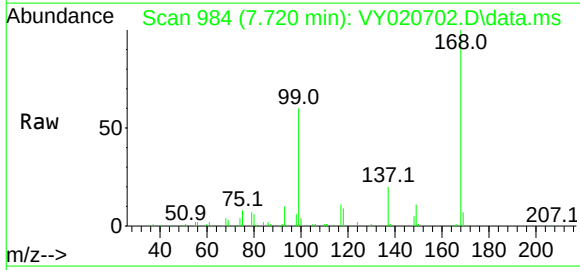
Quant Time: Dec 25 01:02:58 2024
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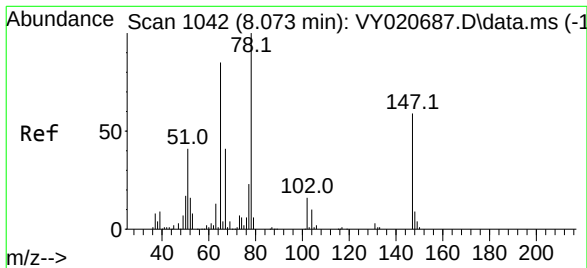
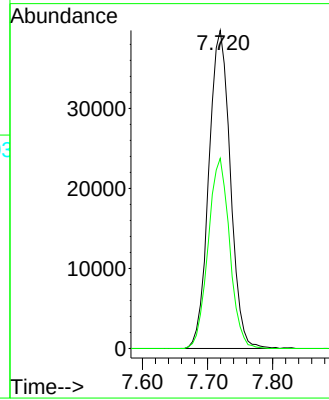
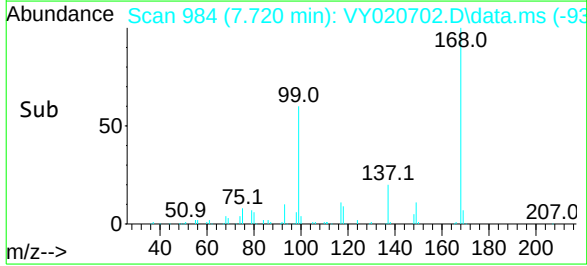


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 985
Delta R.T. -0.005 min
Lab File: VY020702.D
Acq: 23 Dec 2024 19:25

Instrument :
MSVOA_Y
ClientSampleId :
RBR251688

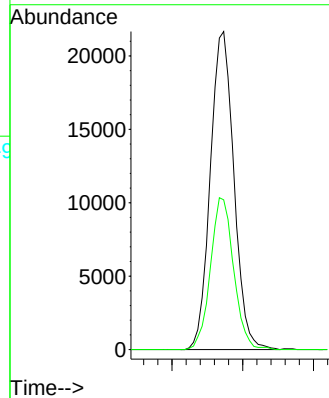
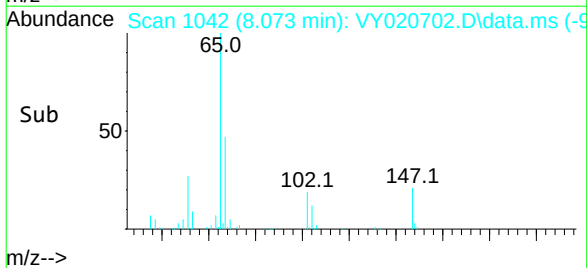
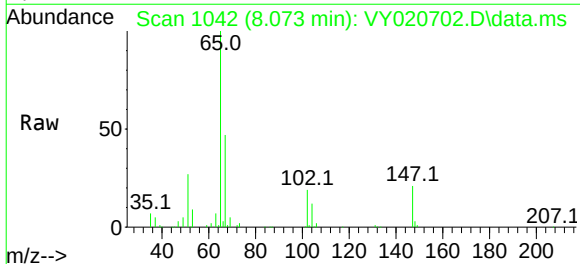


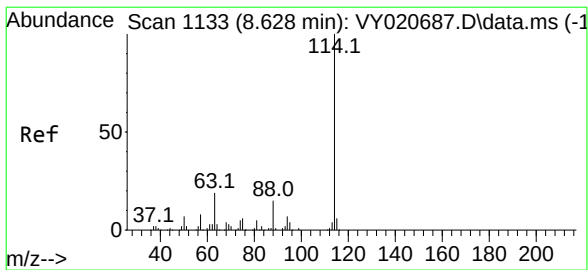
Tgt Ion:168 Resp: 91173
Ion Ratio Lower Upper
168 100
99 59.8 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 62.143 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020702.D
Acq: 23 Dec 2024 19:25

Tgt Ion: 65 Resp: 50178
Ion Ratio Lower Upper
65 100
67 47.0 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020702.D

Acq: 23 Dec 2024 19:25

Instrument :

MSVOA_Y

ClientSampleId :

RBR251688

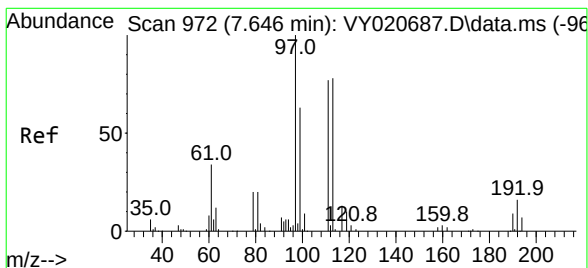
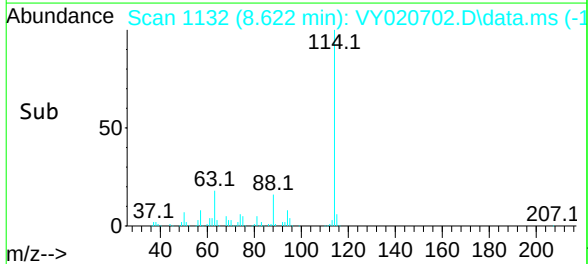
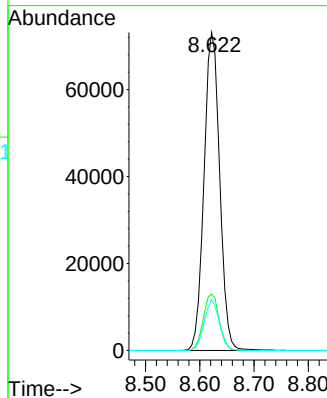
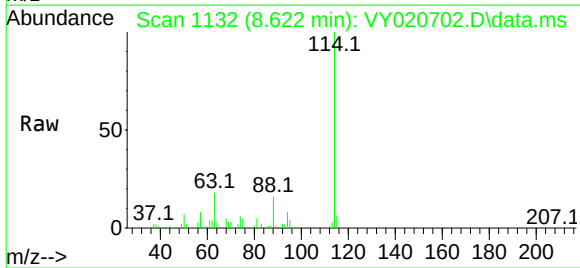
Tgt Ion:114 Resp: 146983

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 16.1 0.0 30.4



#35

Dibromofluoromethane

Concen: 53.199 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020702.D

Acq: 23 Dec 2024 19:25

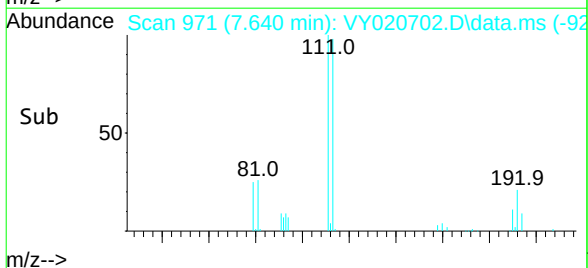
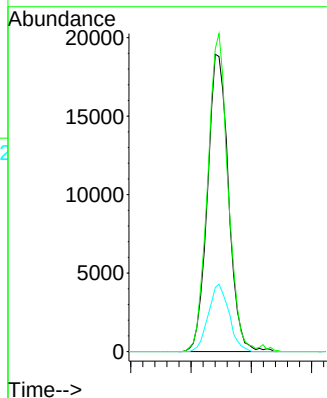
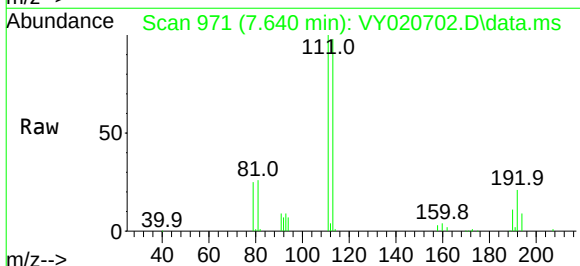
Tgt Ion:113 Resp: 45913

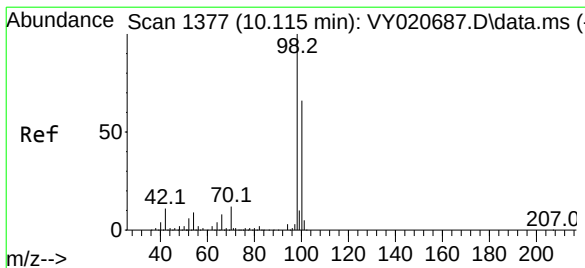
Ion Ratio Lower Upper

113 100

111 103.5 79.8 119.8

192 22.3 17.0 25.6





#50

Toluene-d8

Concen: 53.862 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020702.D

Acq: 23 Dec 2024 19:25

Instrument :

MSVOA_Y

ClientSampleId :

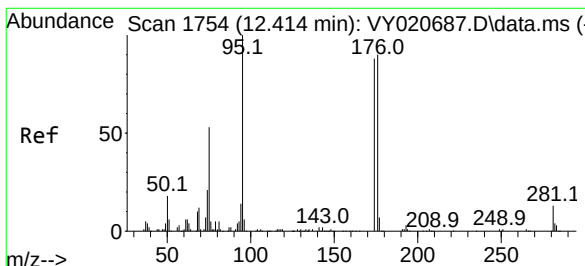
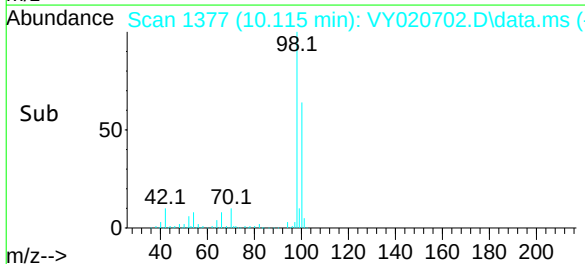
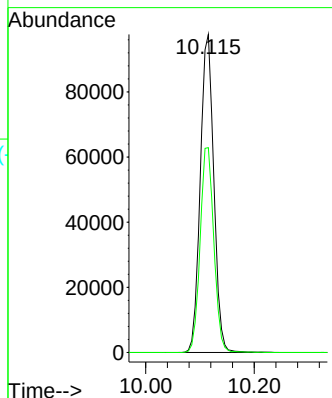
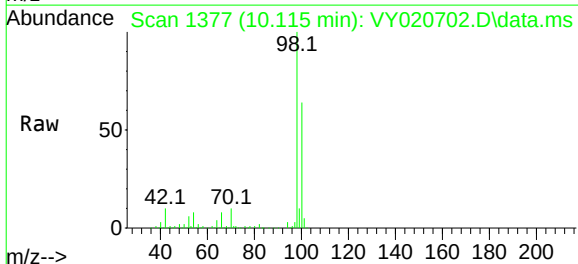
RBR251688

Tgt Ion: 98 Resp: 168838

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 46.739 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020702.D

Acq: 23 Dec 2024 19:25

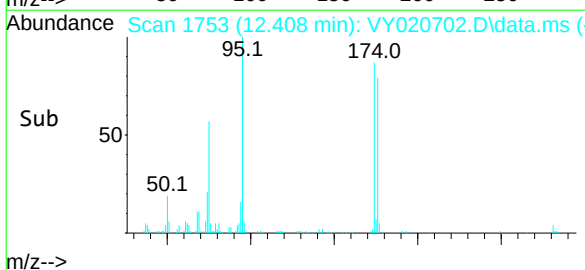
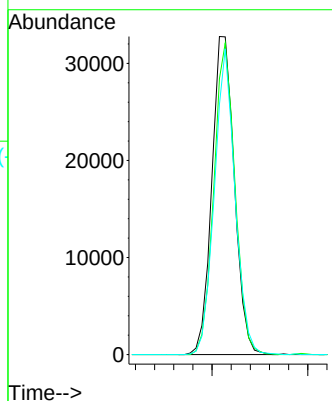
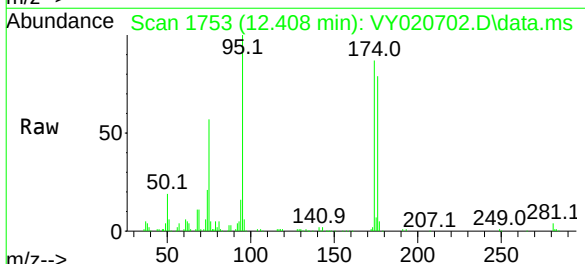
Tgt Ion: 95 Resp: 53326

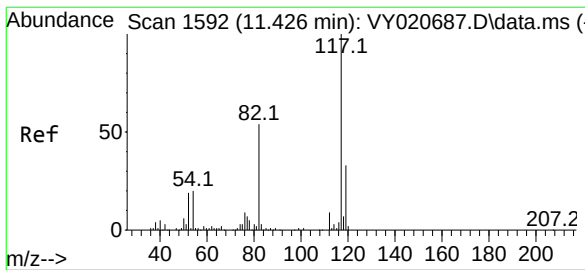
Ion Ratio Lower Upper

95 100

174 92.4 0.0 179.2

176 88.4 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020702.D

Acq: 23 Dec 2024 19:25

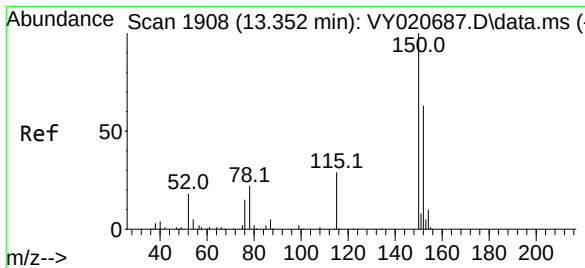
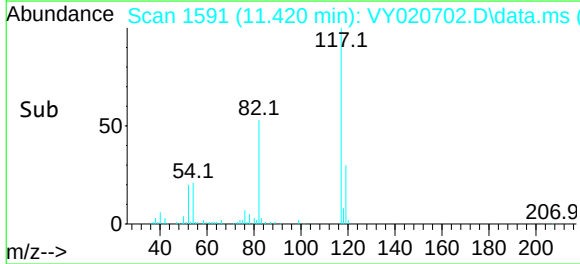
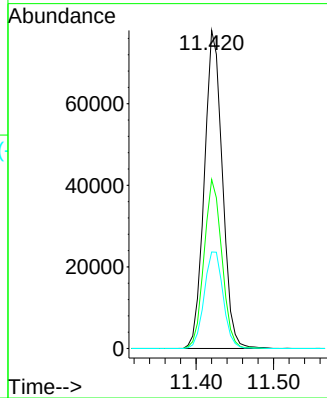
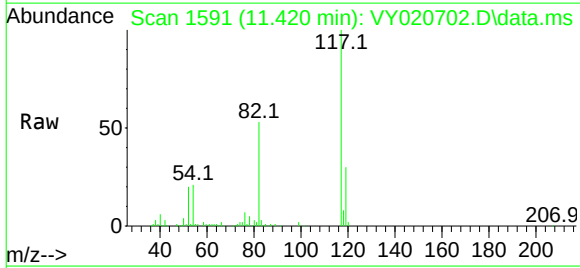
Instrument :

MSVOA_Y

ClientSampleId :

RBR251688

Tgt Ion:	117	Resp:	126034
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.4	65.2
119	30.3	26.6	39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020702.D

Acq: 23 Dec 2024 19:25

Tgt Ion:	152	Resp:	53397
Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.3	90.9
150	154.9	0.0	349.0

