

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020354.D
 Acq On : 20 Nov 2024 13:07
 Operator : SY/MD
 Sample : P4924-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-4-VOC

Quant Time: Nov 21 00:46:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	151234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	296010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	279418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	114179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95685	55.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.140%
35) Dibromofluoromethane	7.634	113	92970	48.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.960%
50) Toluene-d8	10.109	98	365092	48.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.402	95	125979	52.412	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.820%

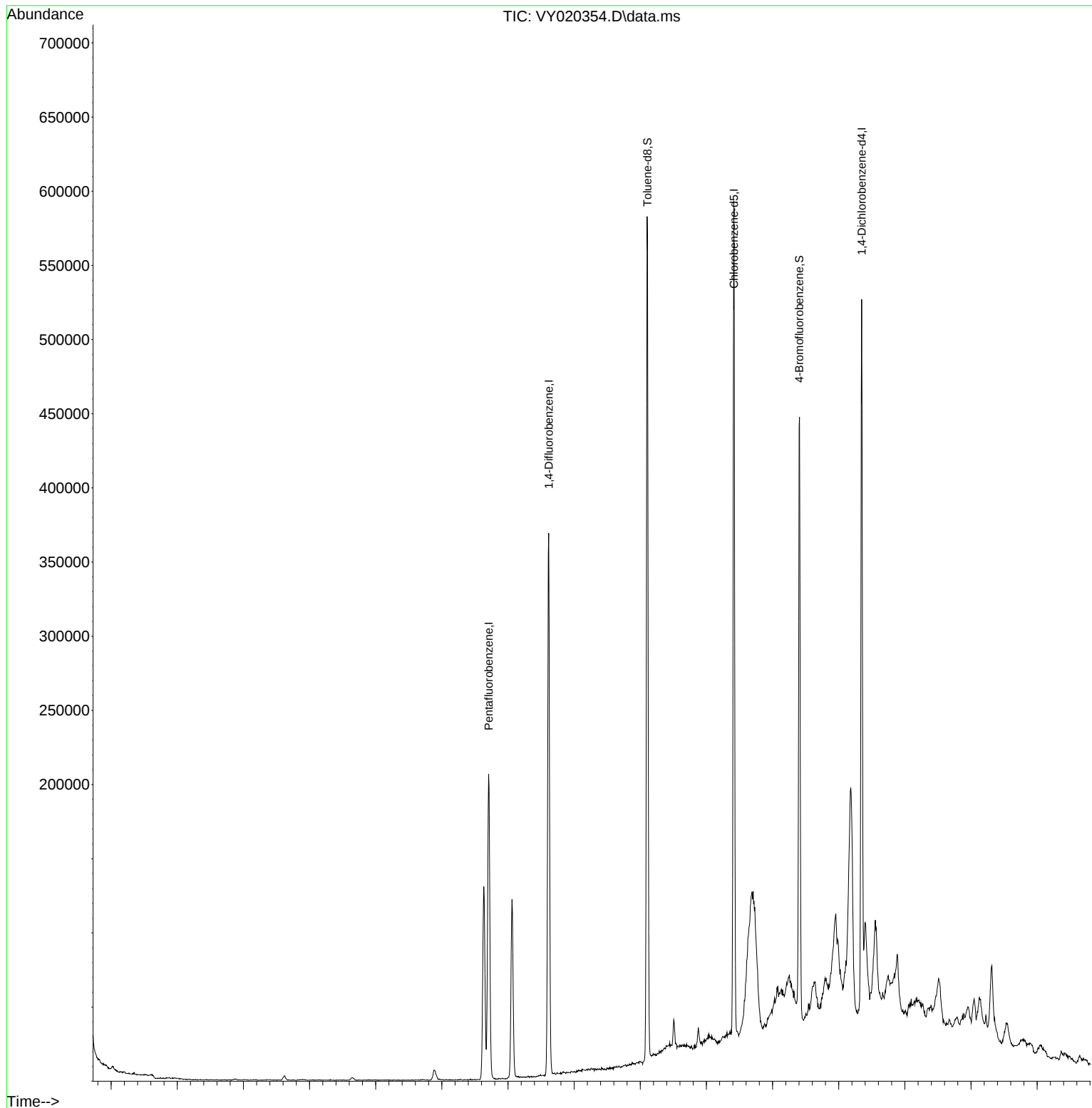
Target Compounds Qvalue

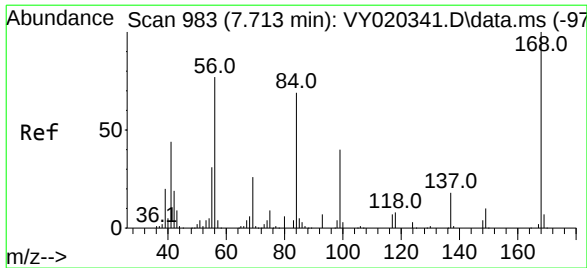
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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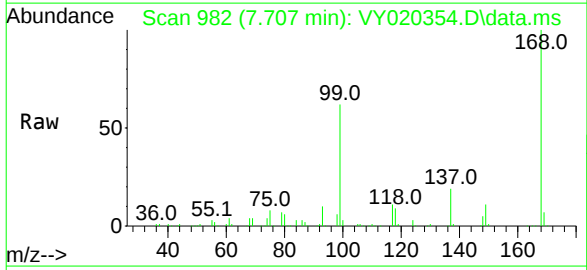
Quant Time: Nov 21 00:46:36 2024
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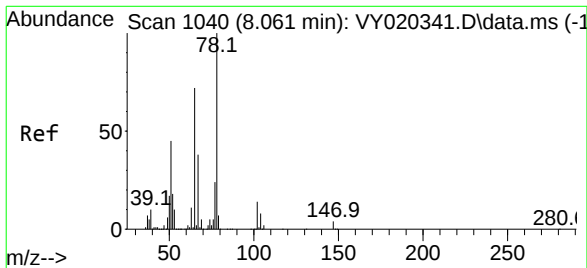
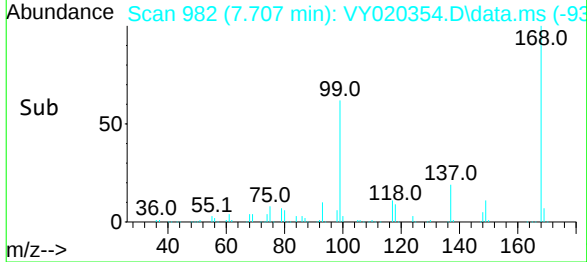
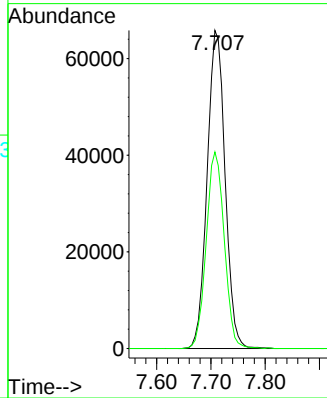


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

Instrument :
MSVOA_Y
ClientSampleId :
MH-4-VOC

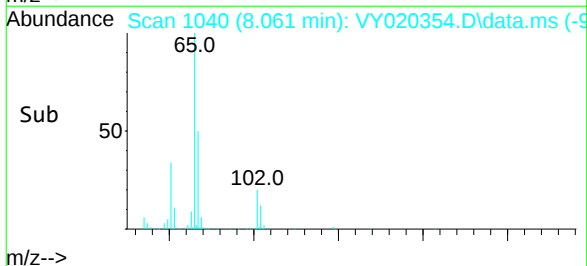
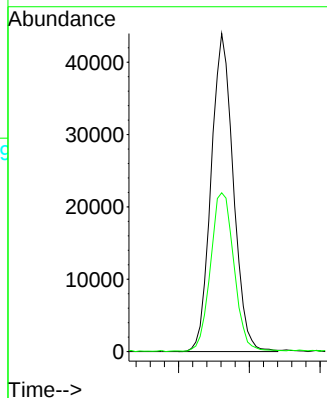
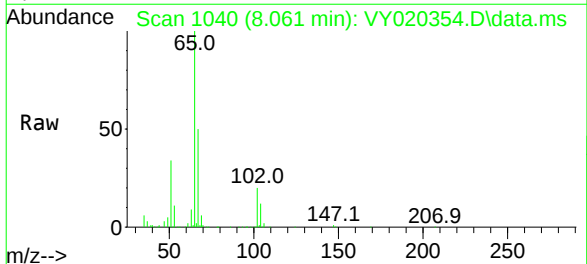


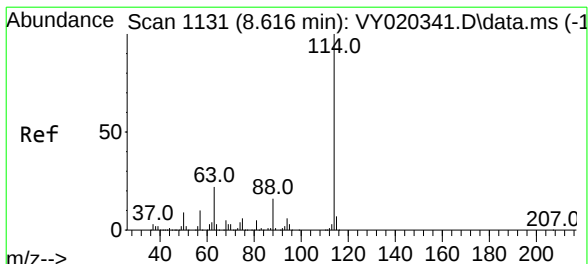
Tgt Ion:168 Resp: 151234
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 55.070 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020354.D
Acq: 20 Nov 2024 13:07

Tgt Ion: 65 Resp: 95685
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

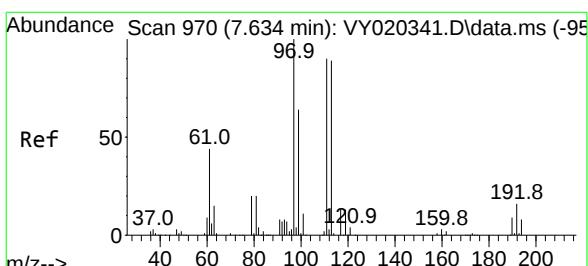
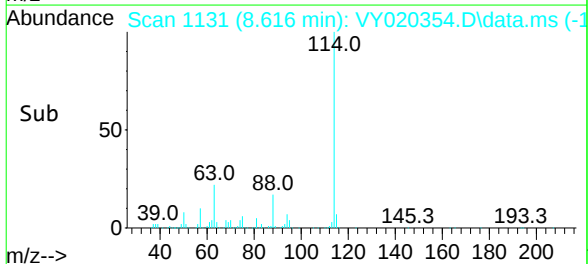
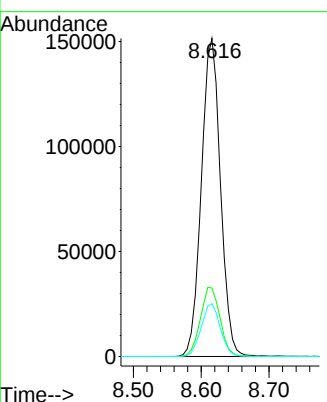
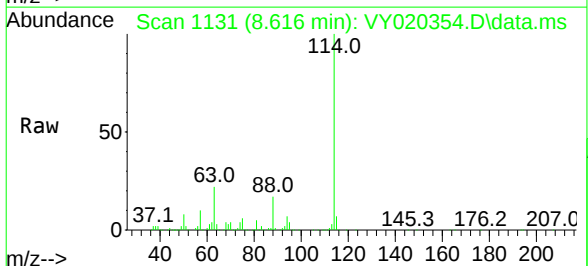




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020354.D
 Acq: 20 Nov 2024 13:07

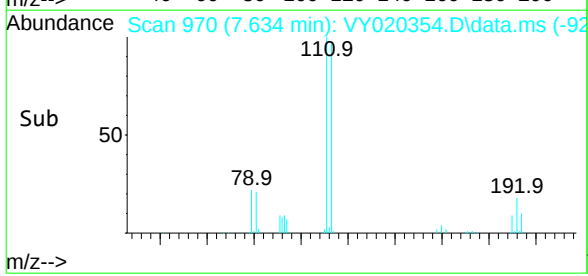
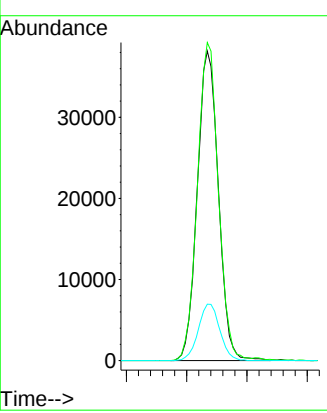
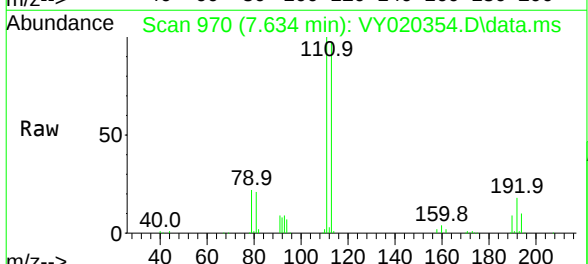
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-4-VOC

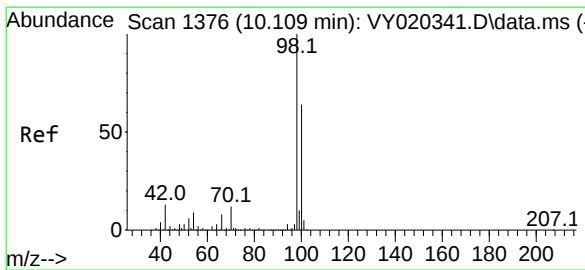
Tgt Ion:	114	Resp:	296010
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.8
88	16.6	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.981 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020354.D
 Acq: 20 Nov 2024 13:07

Tgt Ion:	113	Resp:	92970
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	18.6	15.1	22.7





#50

Toluene-d8

Concen: 48.828 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020354.D

Acq: 20 Nov 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

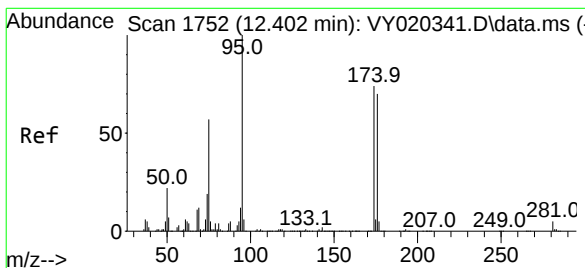
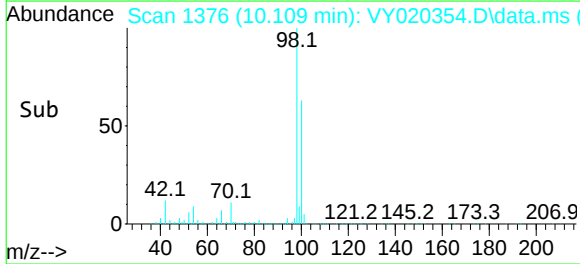
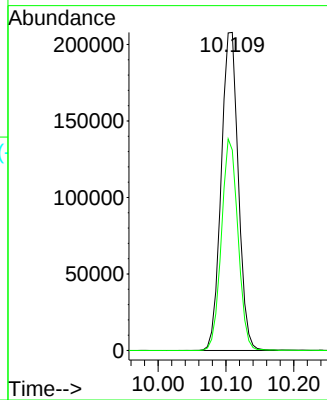
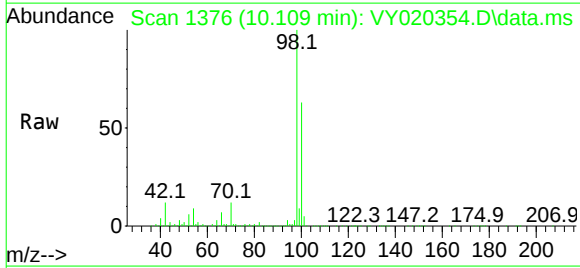
MH-4-VOC

Tgt Ion: 98 Resp: 365092

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 52.412 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020354.D

Acq: 20 Nov 2024 13:07

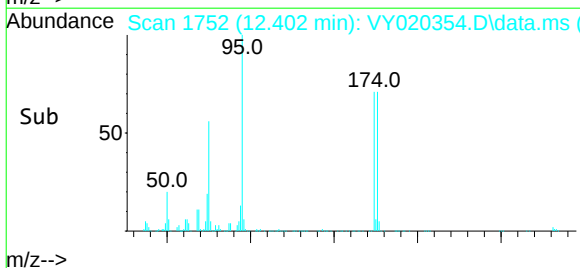
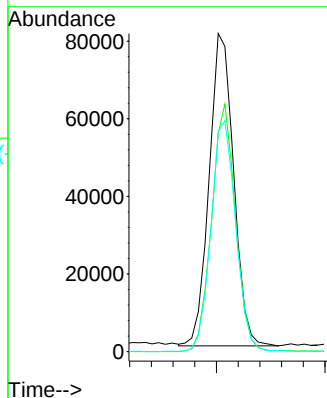
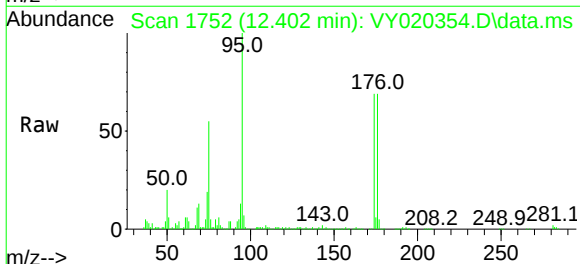
Tgt Ion: 95 Resp: 125979

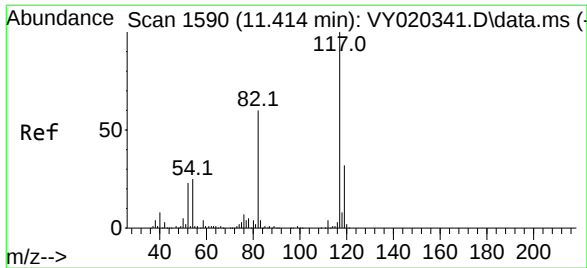
Ion Ratio Lower Upper

95 100

174 77.2 0.0 156.8

176 74.7 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020354.D

Acq: 20 Nov 2024 13:07

Instrument :

MSVOA_Y

ClientSampleId :

MH-4-VOC

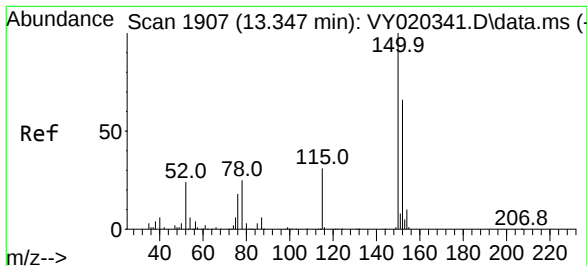
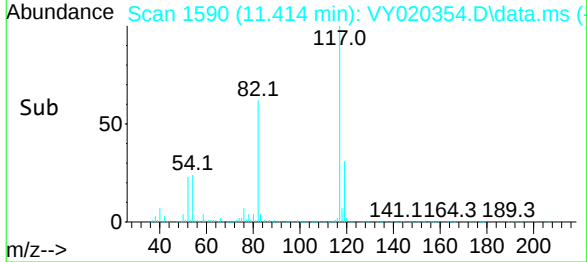
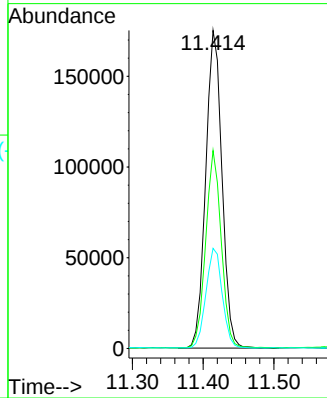
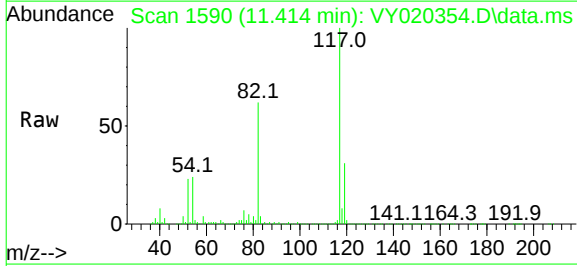
Tgt Ion:117 Resp: 279418

Ion Ratio Lower Upper

117 100

82 62.1 48.2 72.4

119 31.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020354.D

Acq: 20 Nov 2024 13:07

Tgt Ion:152 Resp: 114179

Ion Ratio Lower Upper

152 100

115 61.5 30.0 90.0

150 155.7 0.0 348.2

