

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020367.D
 Acq On : 20 Nov 2024 18:11
 Operator : SY/MD
 Sample : P4887-08
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-760-VOC

Quant Time: Nov 21 00:51:42 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	7.713	168	187452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	336343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	303666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121488	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105813	49.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.260%
35) Dibromofluoromethane	7.640	113	101003	46.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.660%
50) Toluene-d8	10.109	98	392779	46.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.408	95	131217	48.045	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.100%

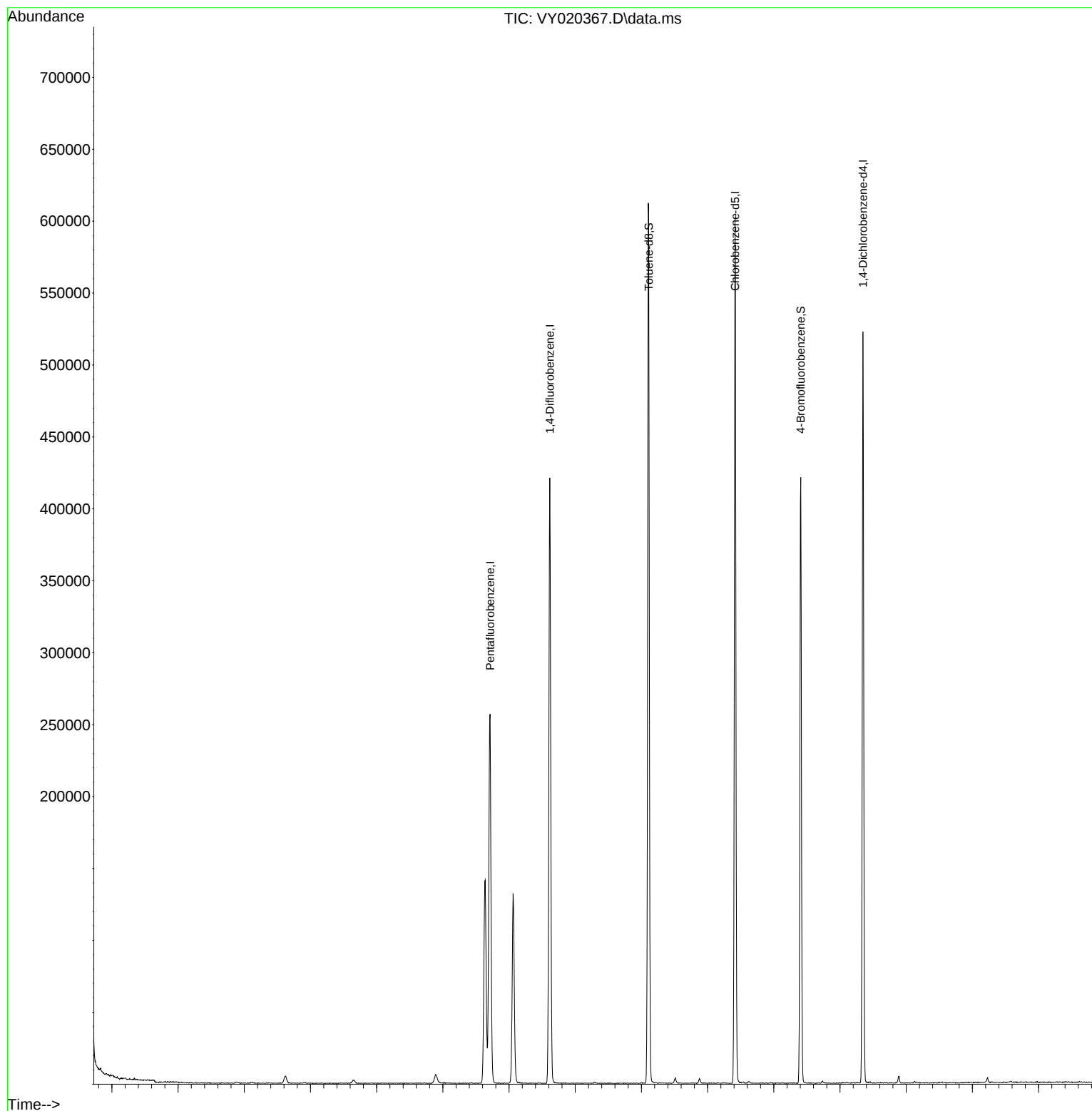
Target Compounds	Qvalue

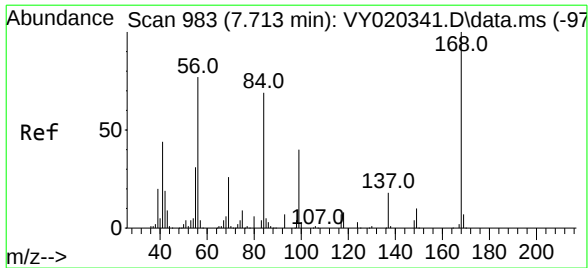
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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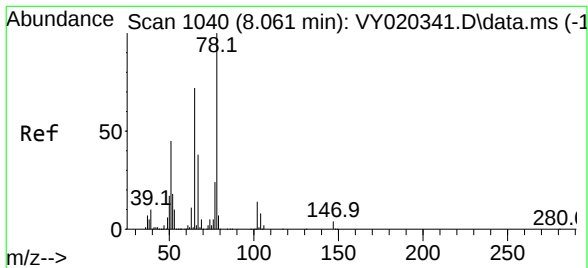
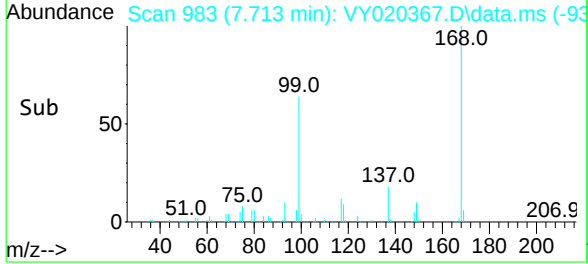
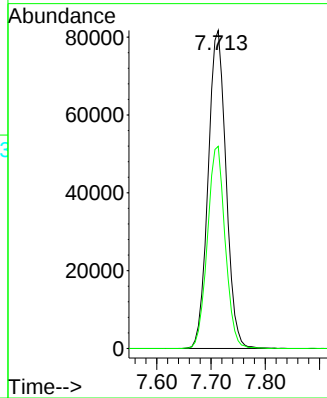
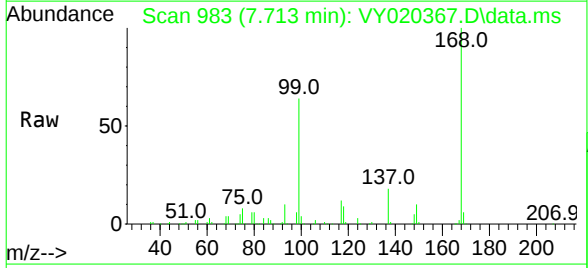




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

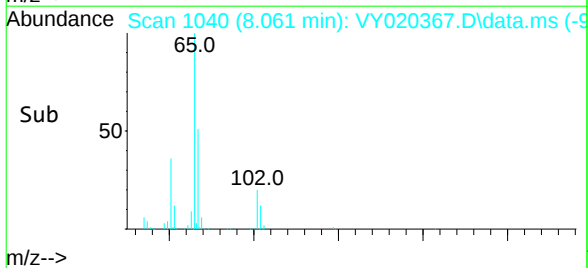
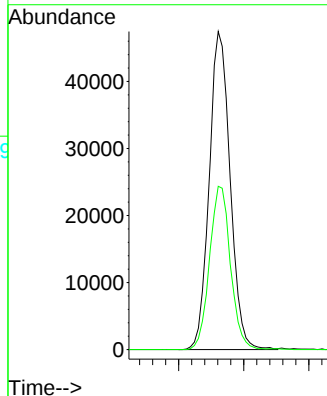
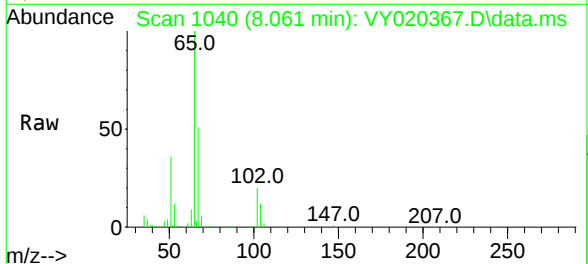
Instrument :
MSVOA_Y
ClientSampleId :
MH-760-VOC

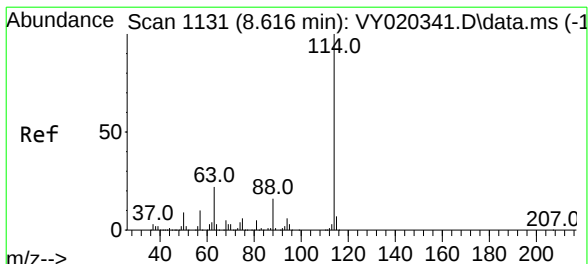
Tgt Ion:168 Resp: 187452
Ion Ratio Lower Upper
168 100
99 63.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 49.133 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

Tgt Ion: 65 Resp: 105813
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8

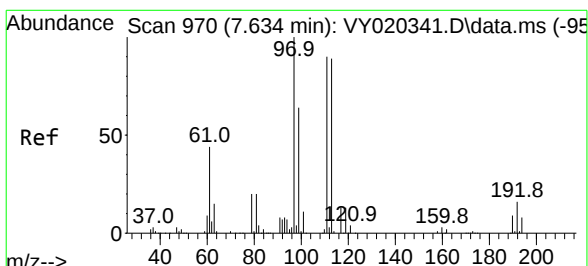
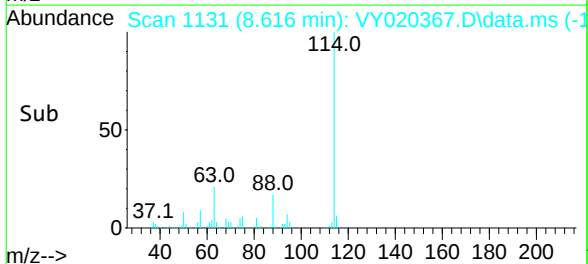
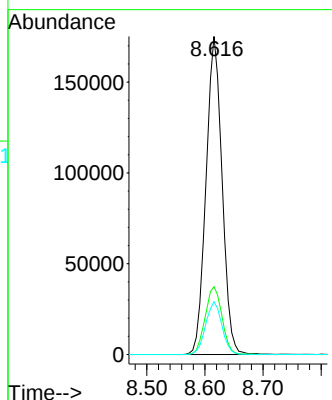
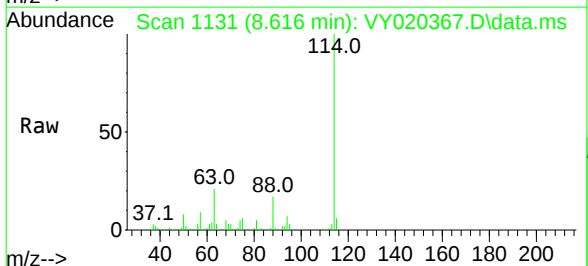




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

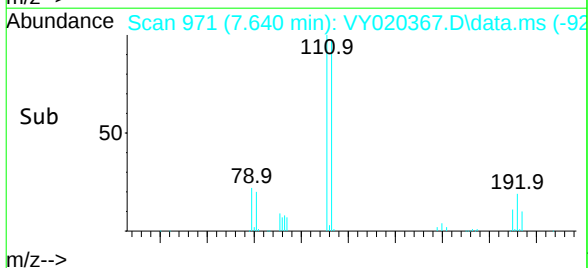
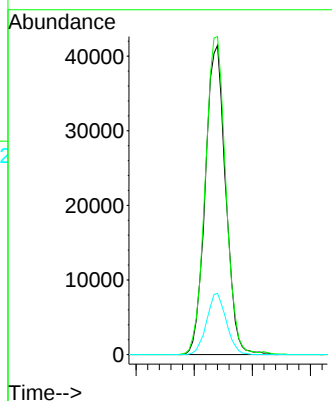
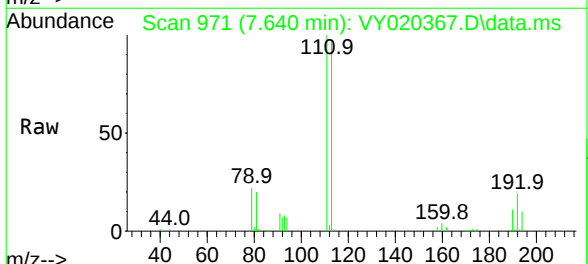
Instrument :
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MH-760-VOC

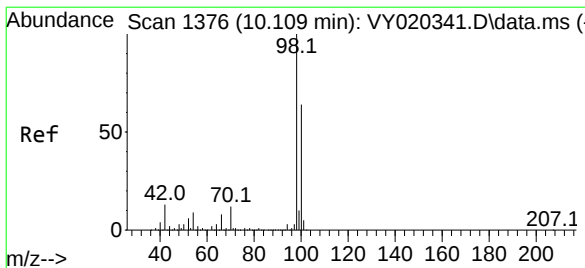
Tgt Ion:	114	Resp:	336343
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	44.8
88	16.6	0.0	32.0



#35
Dibromofluoromethane
Concen: 46.832 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020367.D
Acq: 20 Nov 2024 18:11

Tgt Ion:	113	Resp:	101003
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.4	122.0
192	19.1	15.1	22.7





#50

Toluene-d8

Concen: 46.232 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020367.D

Acq: 20 Nov 2024 18:11

Instrument :

MSVOA_Y

ClientSampleId :

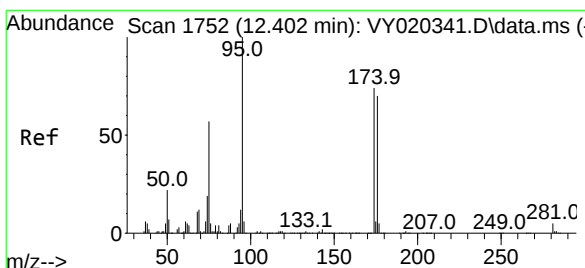
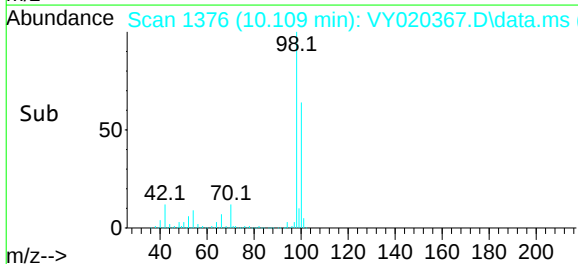
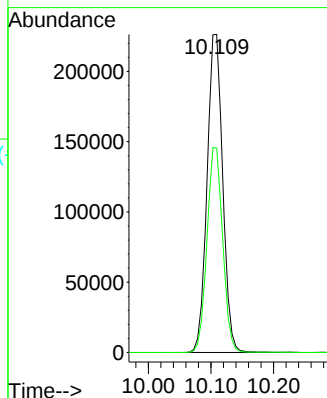
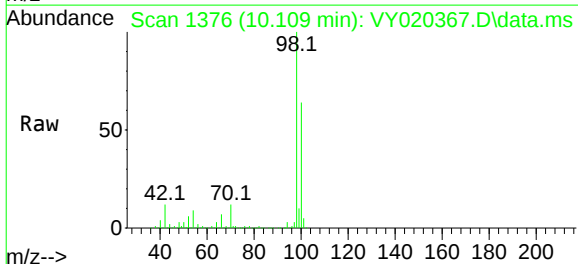
MH-760-VOC

Tgt Ion: 98 Resp: 392779

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 48.045 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020367.D

Acq: 20 Nov 2024 18:11

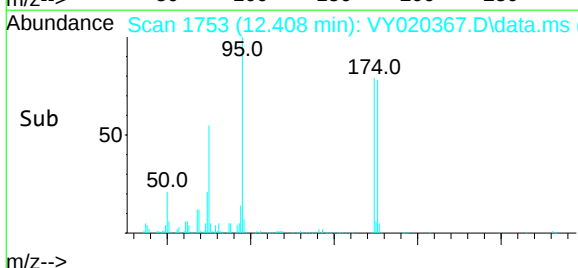
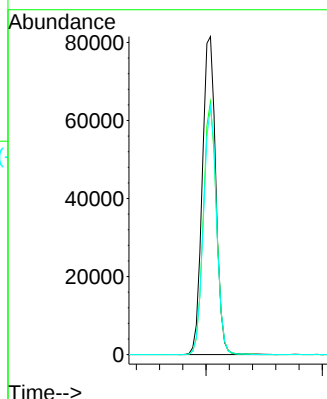
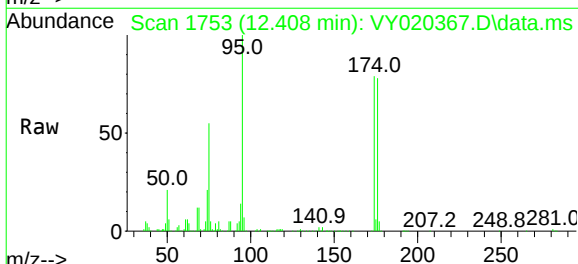
Tgt Ion: 95 Resp: 131217

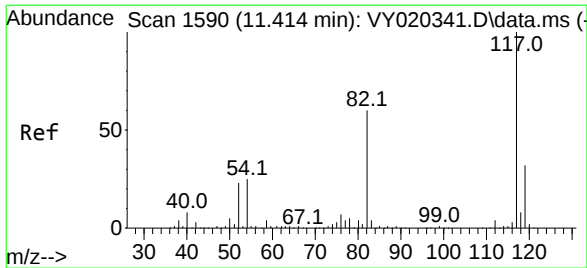
Ion Ratio Lower Upper

95 100

174 77.2 0.0 156.8

176 75.9 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: VY020367.D

Acq: 20 Nov 2024 18:11

Instrument :

MSVOA_Y

ClientSampleId :

MH-760-VOC

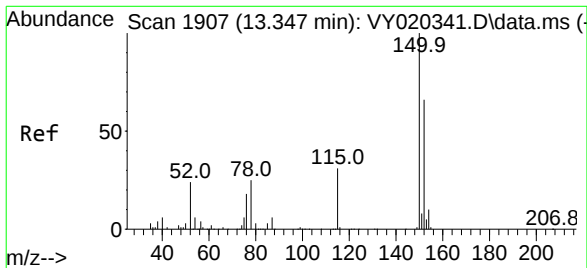
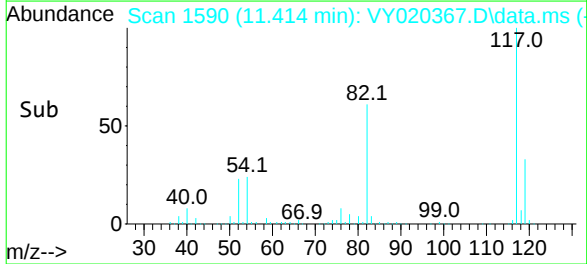
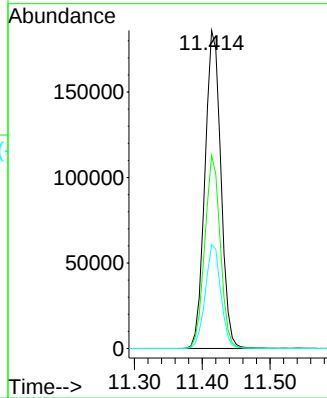
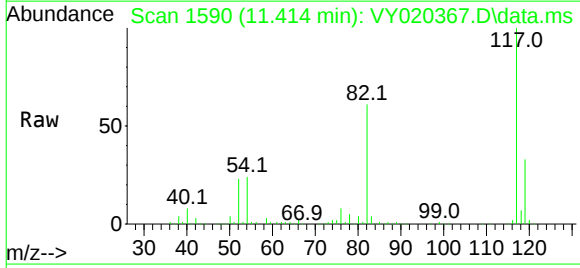
Tgt Ion:117 Resp: 303666

Ion Ratio Lower Upper

117 100

82 60.7 48.2 72.4

119 32.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020367.D

Acq: 20 Nov 2024 18:11

Tgt Ion:152 Resp: 121488

Ion Ratio Lower Upper

152 100

115 62.4 30.0 90.0

150 159.0 0.0 348.2

