

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020408.D
 Acq On : 22 Nov 2024 13:16
 Operator : SY/MD
 Sample : P4948-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11944

Quant Time: Nov 22 23:59:45 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	146942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	279491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	248935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	89499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	84938	50.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.620%
35) Dibromofluoromethane	7.640	113	87936	49.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.140%
50) Toluene-d8	10.109	98	332853	47.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.414	95	103410	45.565	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.140%

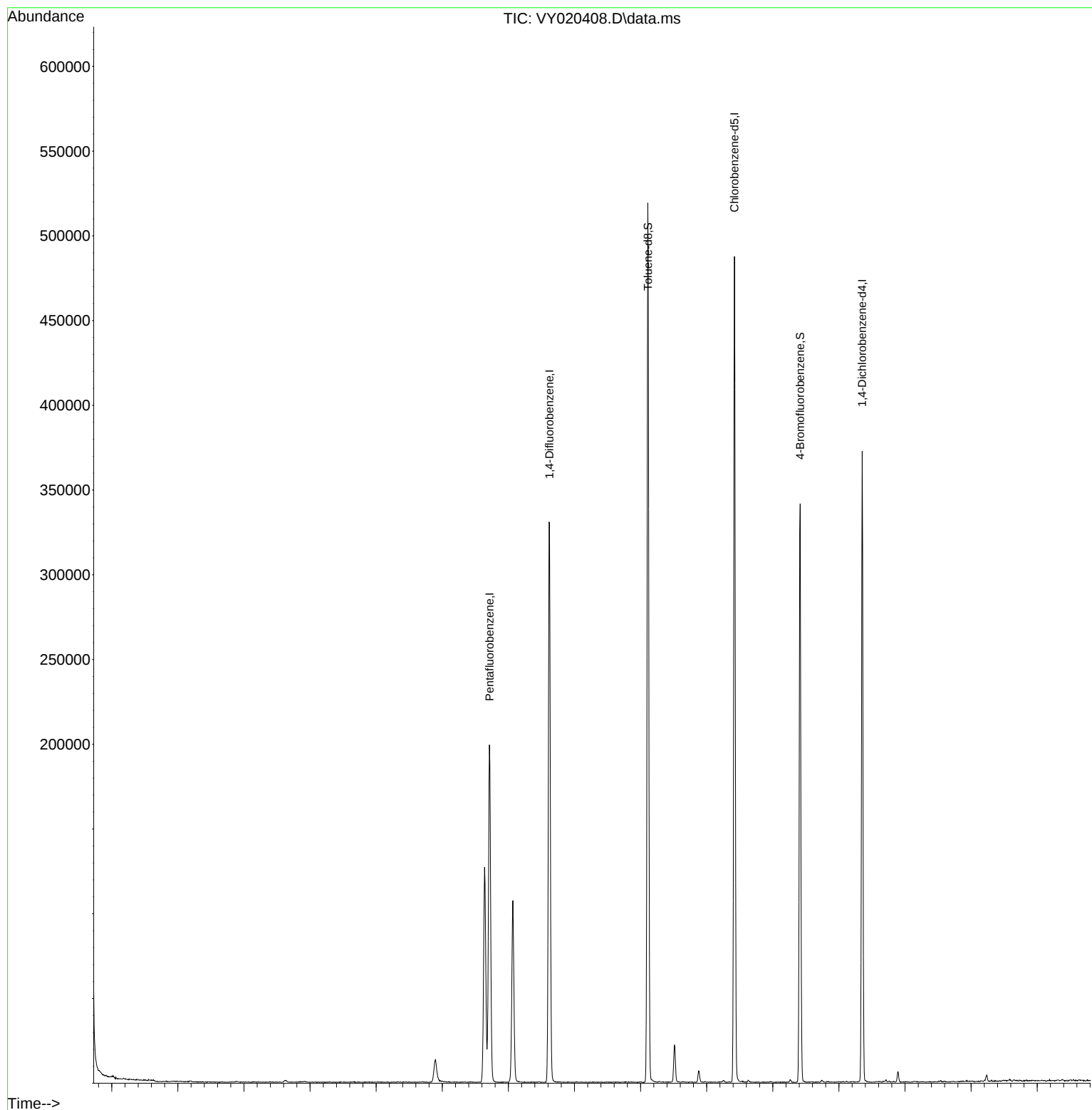
Target Compounds	Qvalue

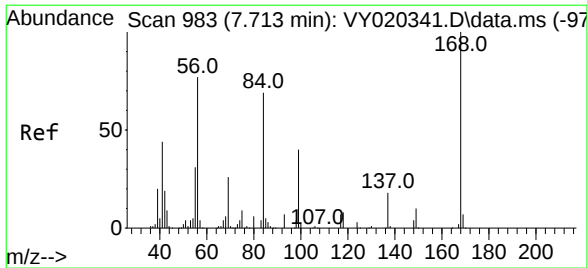
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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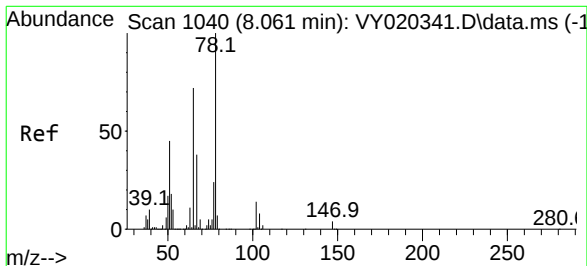
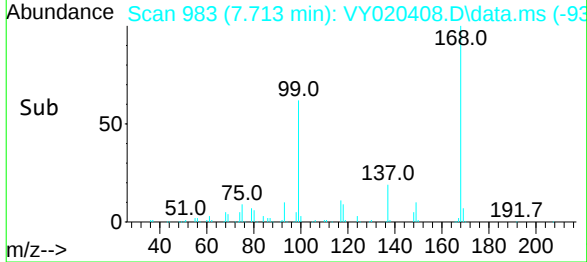
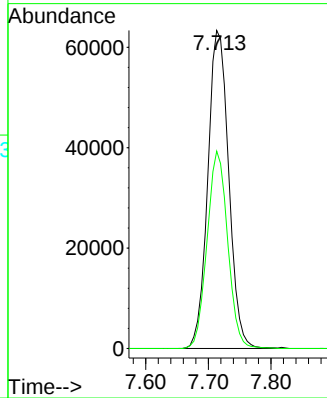
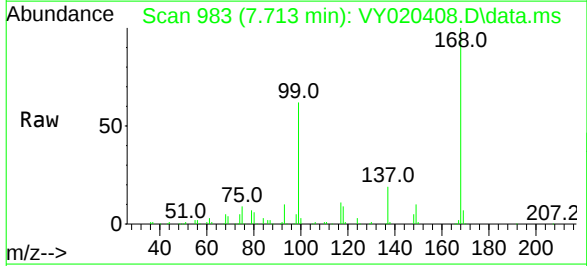




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

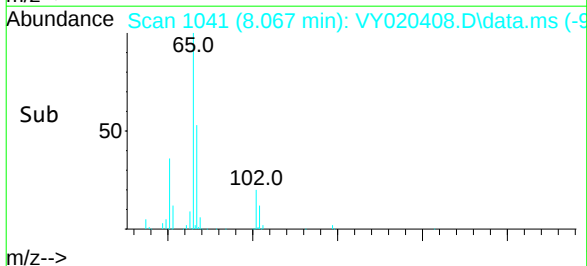
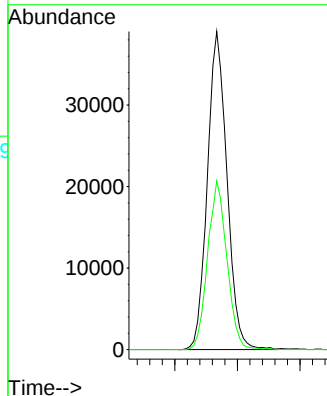
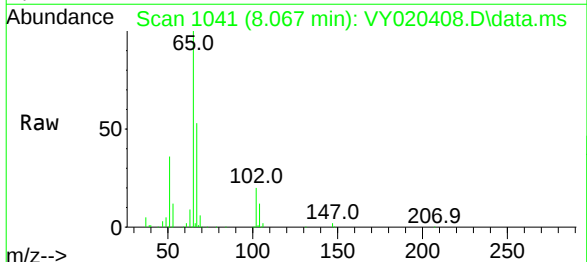
Instrument :
MSVOA_Y
ClientSampleId :
72-11944

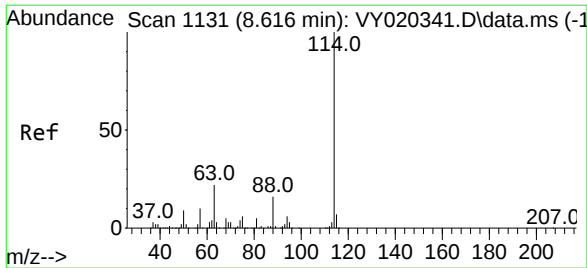
Tgt Ion:168 Resp: 146942
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 50.313 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

Tgt Ion: 65 Resp: 84938
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8

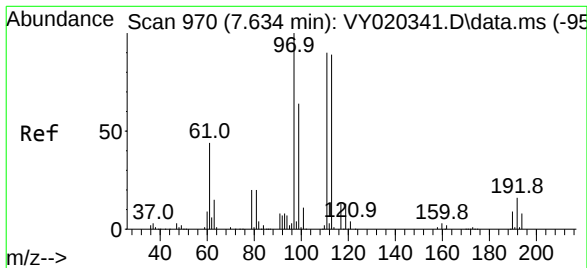
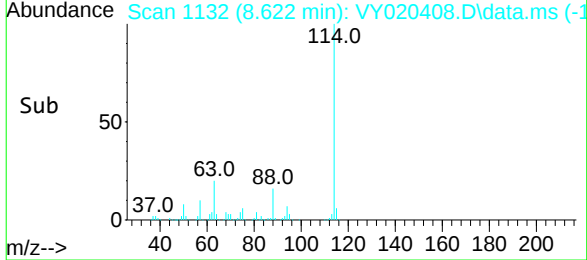
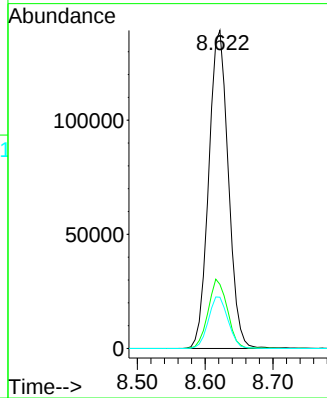
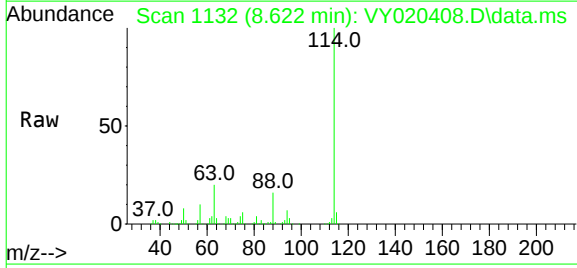




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

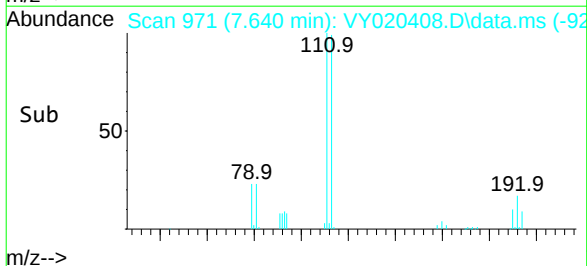
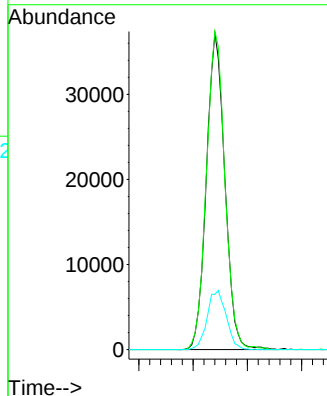
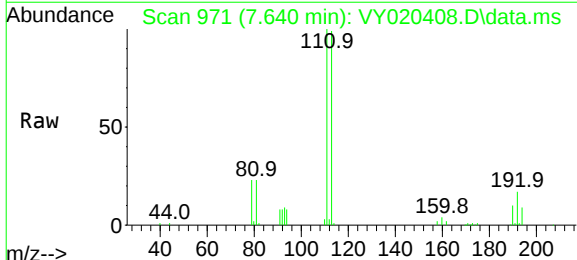
Instrument :
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ClientSampleId :
72-11944

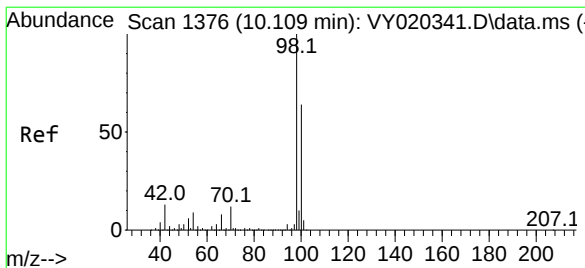
Tgt Ion:114 Resp: 279491
Ion Ratio Lower Upper
114 100
63 20.2 0.0 44.8
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.067 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

Tgt Ion:113 Resp: 87936
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 19.3 15.1 22.7





#50

Toluene-d8

Concen: 47.148 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020408.D

Acq: 22 Nov 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

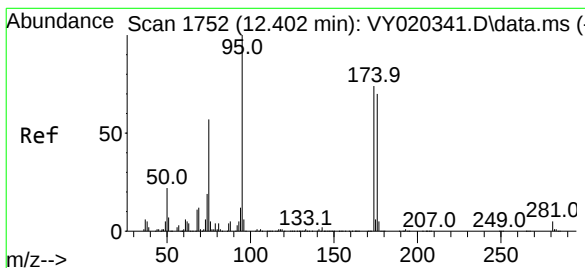
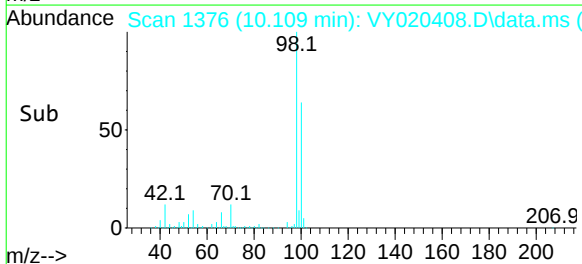
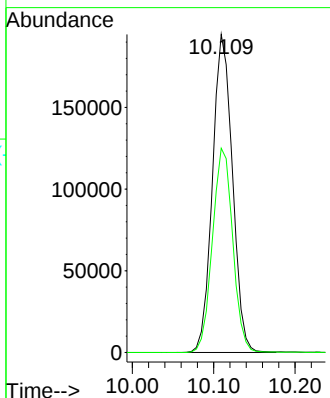
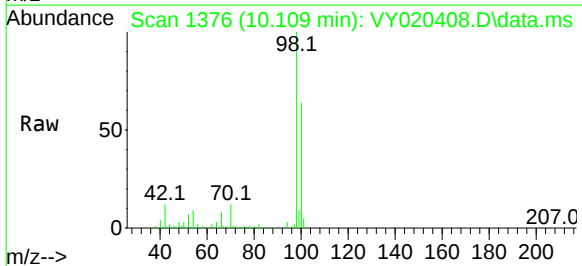
72-11944

Tgt Ion: 98 Resp: 332853

Ion Ratio Lower Upper

98 100

100 65.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 45.565 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY020408.D

Acq: 22 Nov 2024 13:16

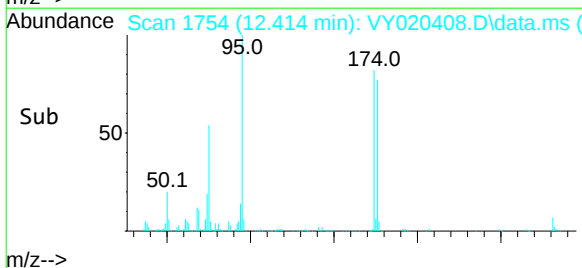
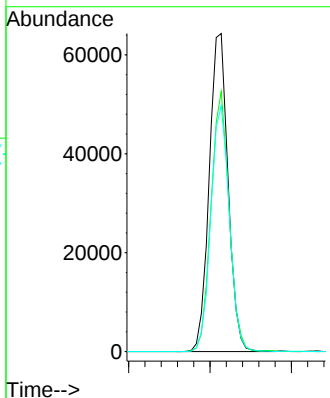
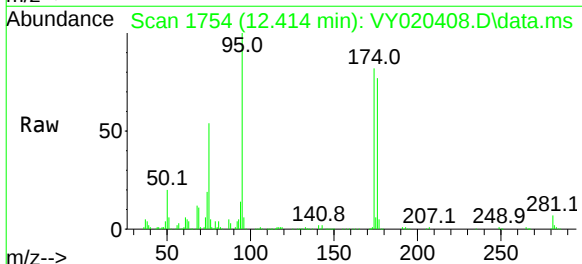
Tgt Ion: 95 Resp: 103410

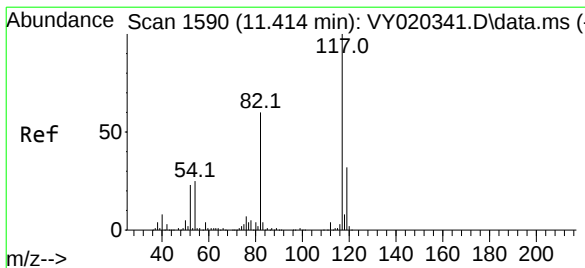
Ion Ratio Lower Upper

95 100

174 78.6 0.0 156.8

176 75.9 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020408.D

Acq: 22 Nov 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

72-11944

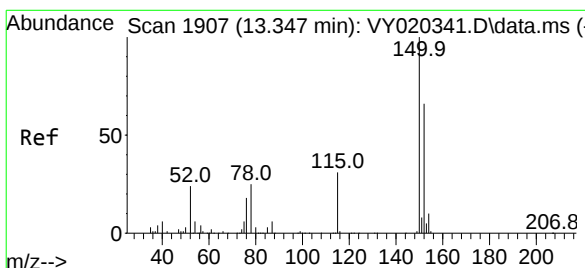
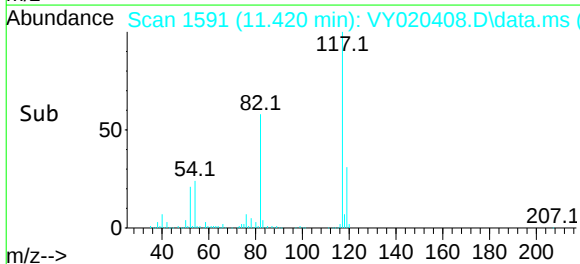
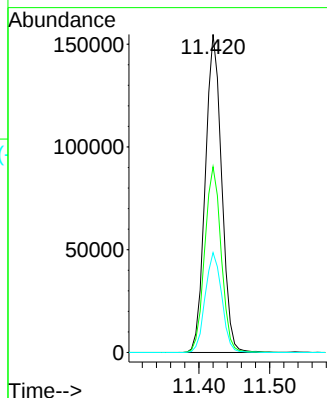
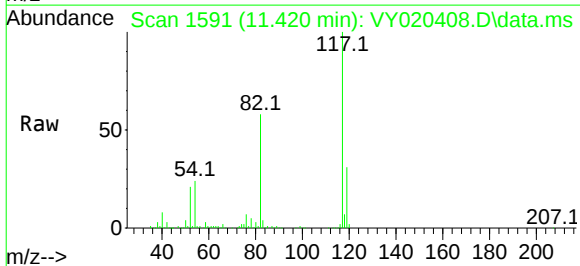
Tgt Ion:117 Resp: 248935

Ion Ratio Lower Upper

117 100

82 58.4 48.2 72.4

119 31.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020408.D

Acq: 22 Nov 2024 13:16

Tgt Ion:152 Resp: 89499

Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 156.3 0.0 348.2

