

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020390.D
 Acq On : 21 Nov 2024 16:30
 Operator : SY/MD
 Sample : P4860-09
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH2-BOT-006

Quant Time: Nov 22 00:26:36 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	140871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	273565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	262252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92933	57.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.840%
35) Dibromofluoromethane	7.634	113	88559	50.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.103	98	333481	48.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.408	95	116929	52.638	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	105.280%

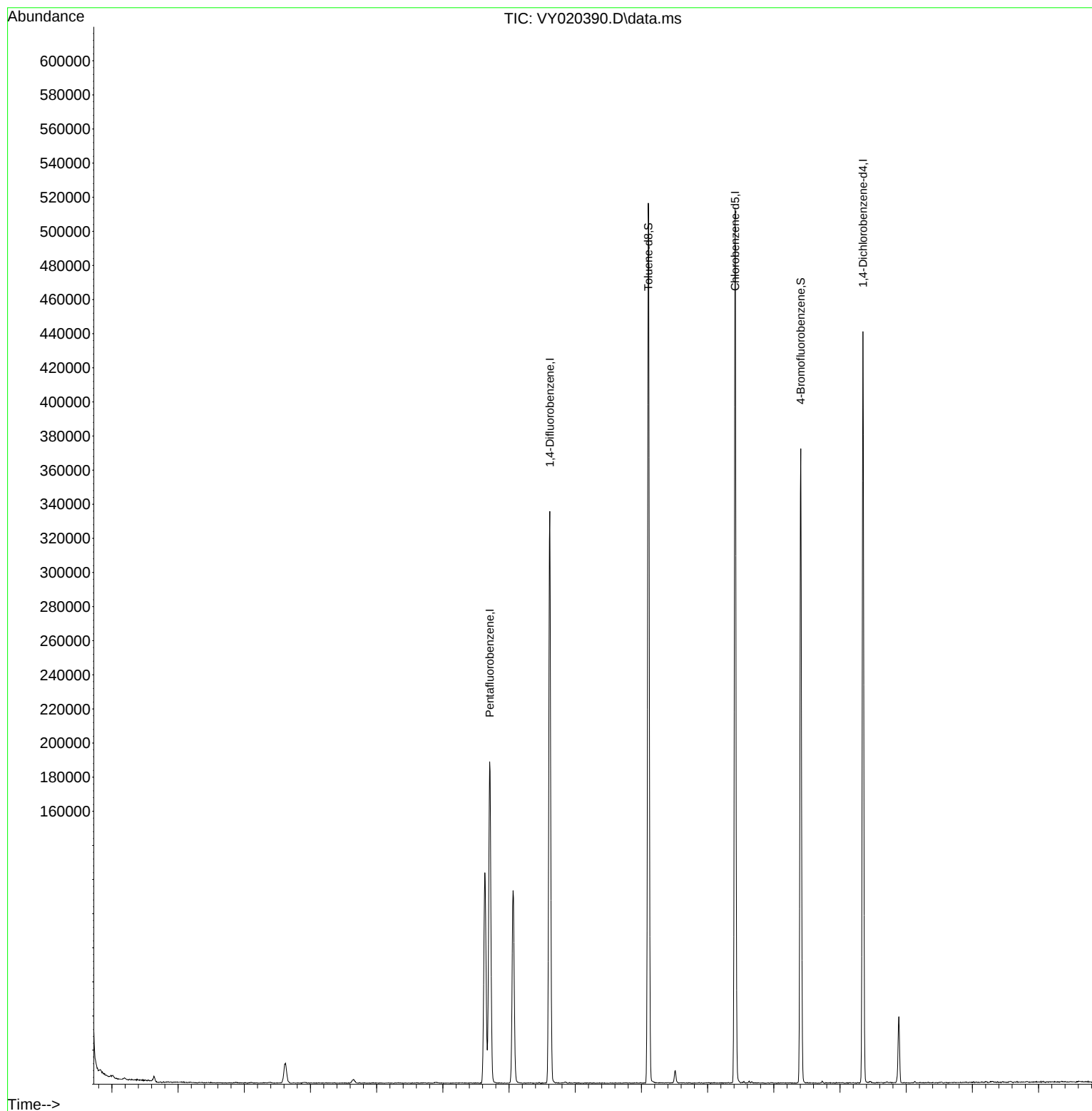
Target Compounds	Qvalue

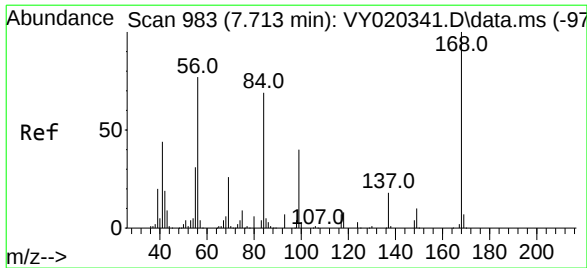
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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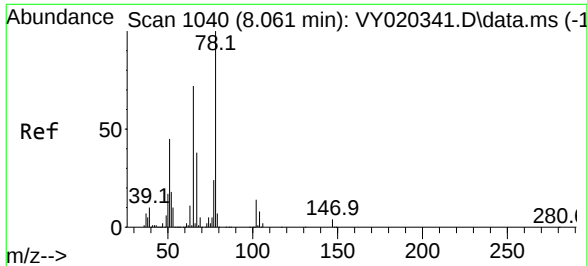
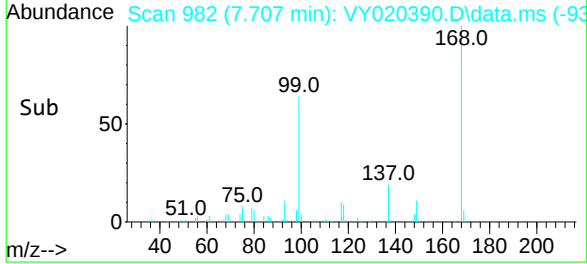
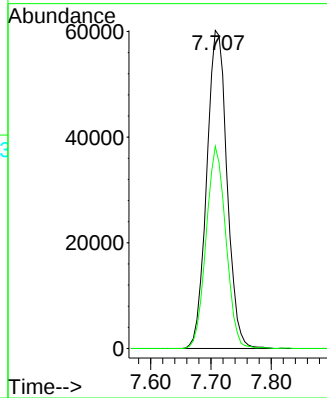
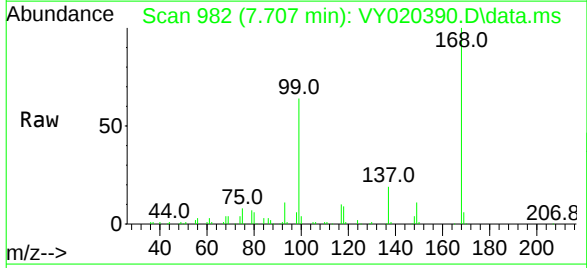




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

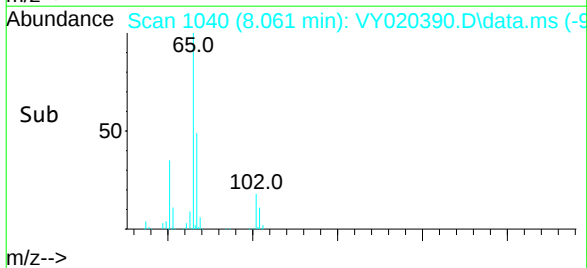
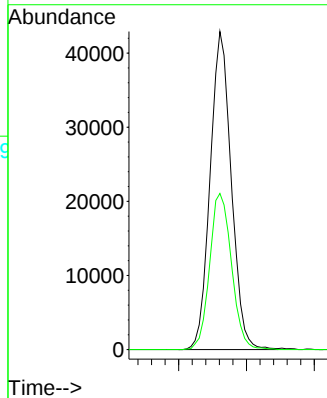
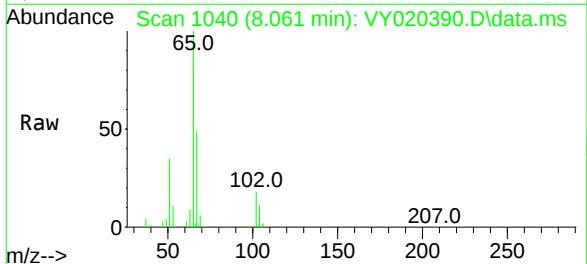
Instrument :
MSVOA_Y
ClientSampleId :
PH2-BOT-006

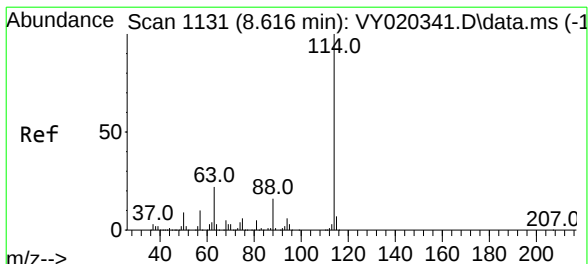
Tgt Ion:168 Resp: 140871
Ion Ratio Lower Upper
168 100
99 63.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 57.421 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

Tgt Ion: 65 Resp: 92933
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.8

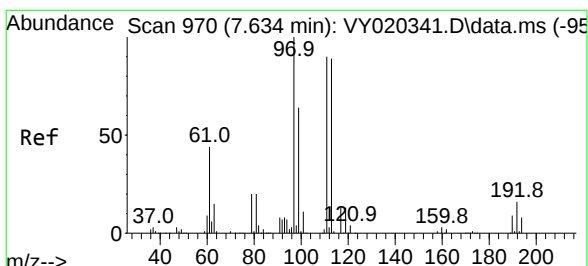
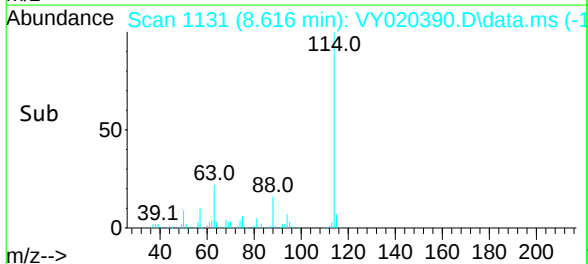
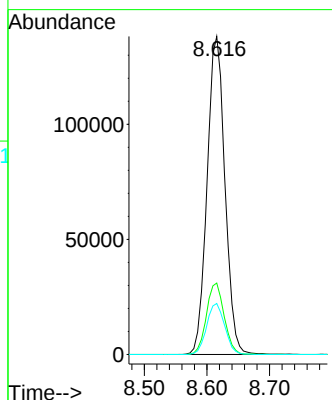
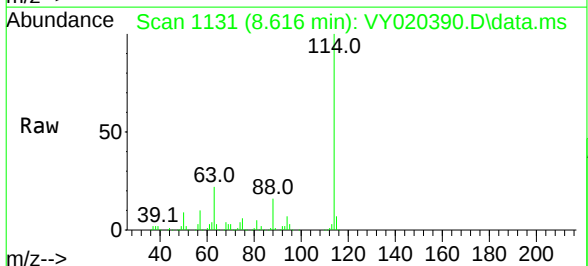




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

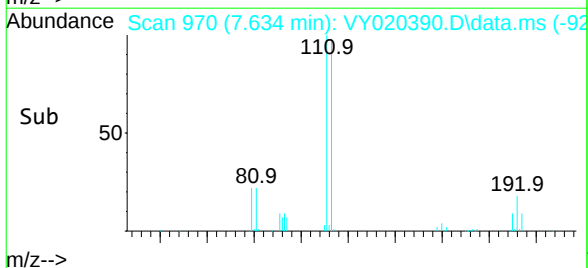
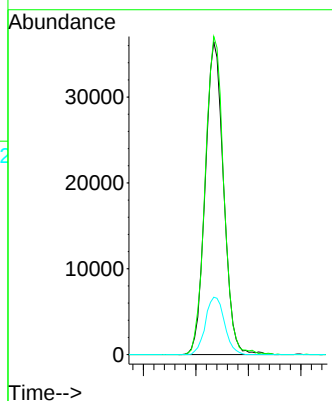
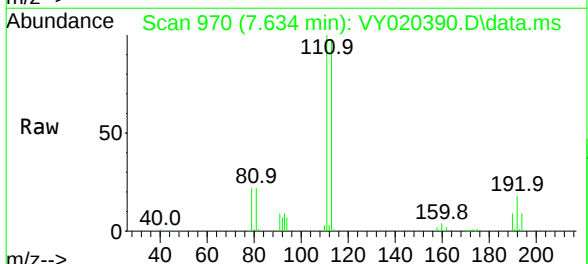
Instrument :
MSVOA_Y
ClientSampleId :
PH2-BOT-006

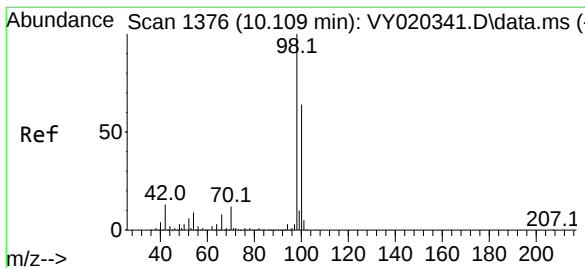
Tgt Ion:	114	Resp:	273565
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.8
88	16.0	0.0	32.0



#35
Dibromofluoromethane
Concen: 50.485 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

Tgt Ion:	113	Resp:	88559
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	19.1	15.1	22.7





#50

Toluene-d8

Concen: 48.260 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020390.D

Acq: 21 Nov 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

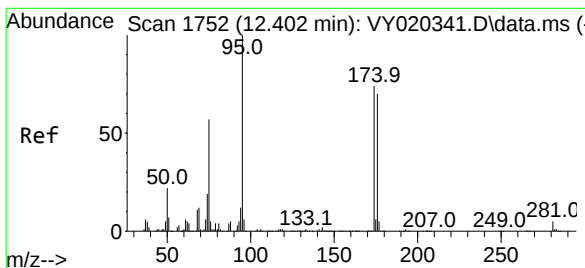
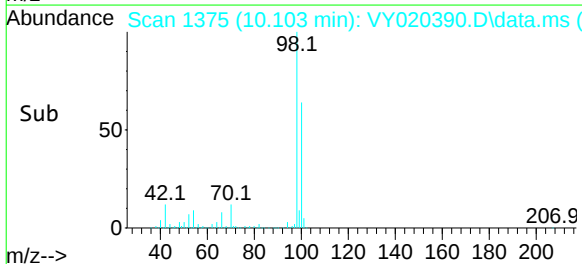
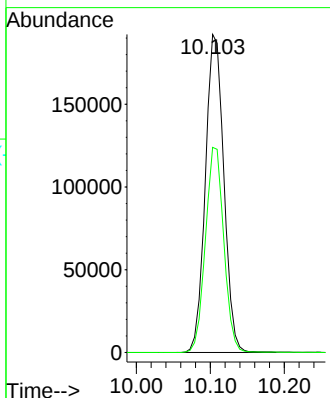
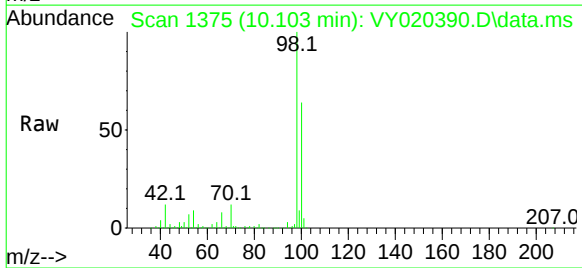
PH2-BOT-006

Tgt Ion: 98 Resp: 333481

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 52.638 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020390.D

Acq: 21 Nov 2024 16:30

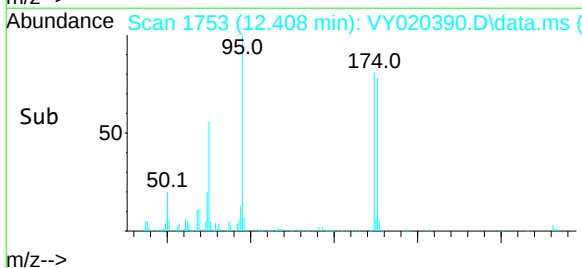
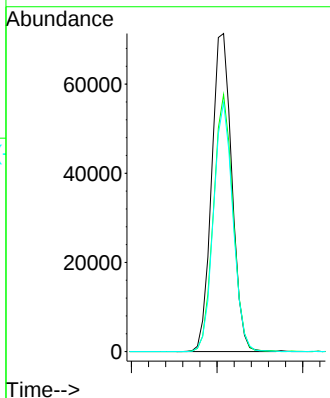
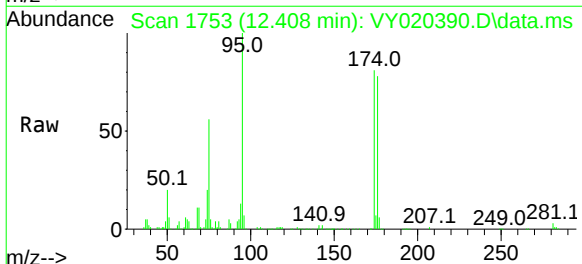
Tgt Ion: 95 Resp: 116929

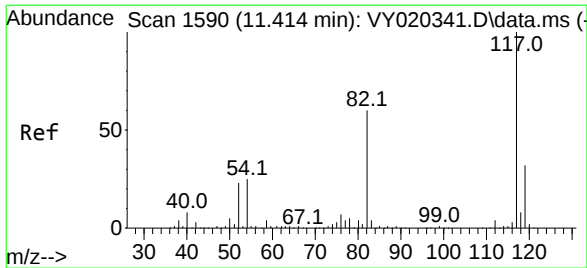
Ion Ratio Lower Upper

95 100

174 77.8 0.0 156.8

176 75.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY020390.D

Acq: 21 Nov 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

PH2-BOT-006

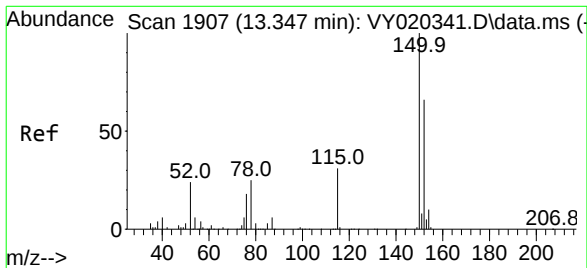
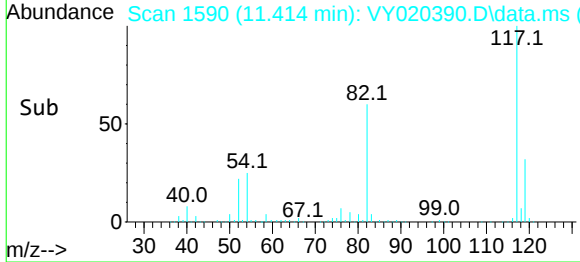
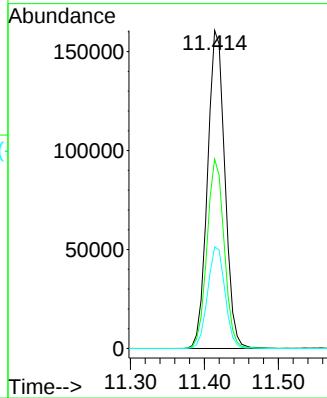
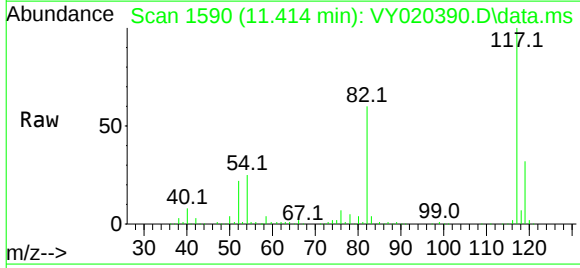
Tgt Ion:117 Resp: 262252

Ion Ratio Lower Upper

117 100

82 59.6 48.2 72.4

119 31.9 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: VY020390.D

Acq: 21 Nov 2024 16:30

Tgt Ion:152 Resp: 106466

Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 156.6 0.0 348.2

