

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020360.D
 Acq On : 20 Nov 2024 15:27
 Operator : SY/MD
 Sample : P4908-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Nov 21 00:48:56 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	79289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	154211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	151049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	59083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	61170	67.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.300%
35) Dibromofluoromethane	7.634	113	52177	52.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.540%
50) Toluene-d8	10.103	98	191427	49.143	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.401	95	67768	54.119	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	108.240%

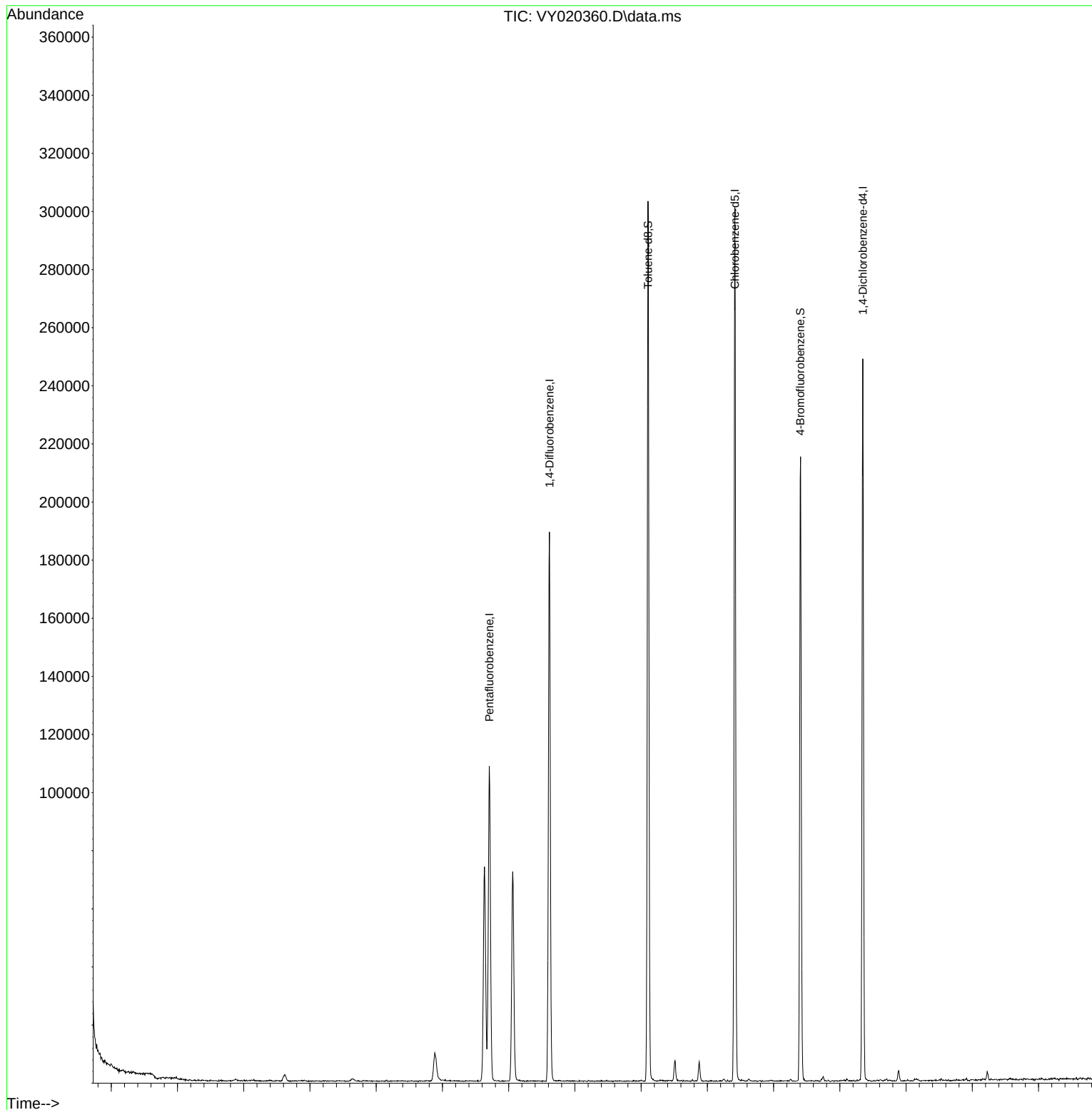
Target Compounds Qvalue

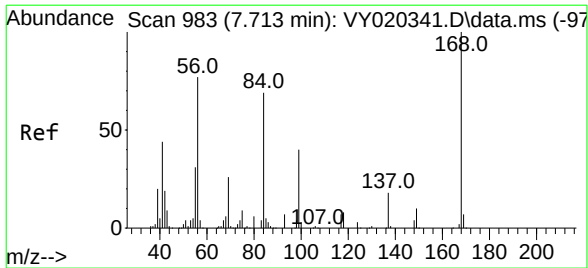
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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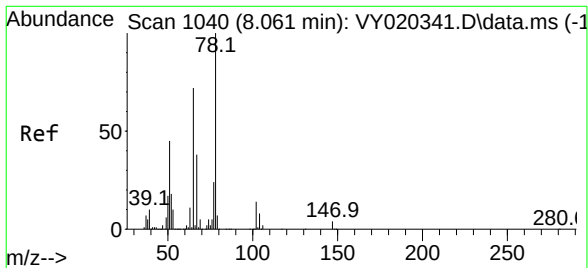
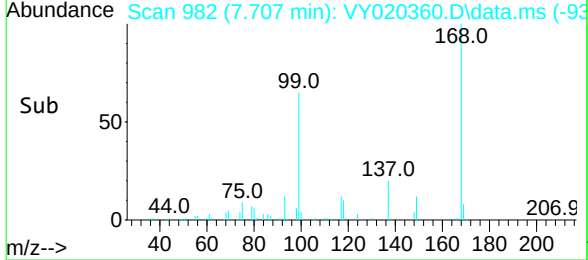
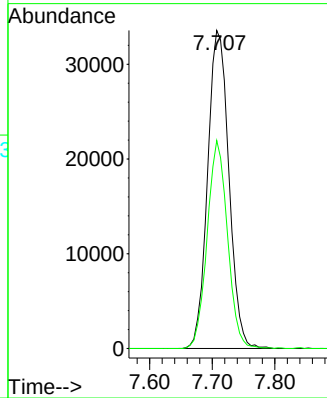
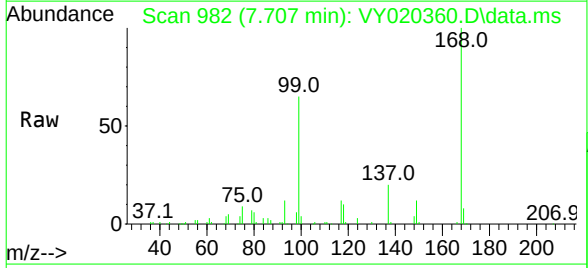




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020360.D
Acq: 20 Nov 2024 15:27

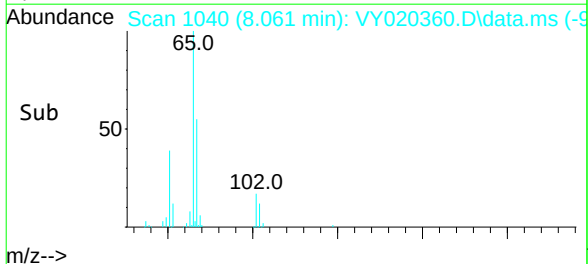
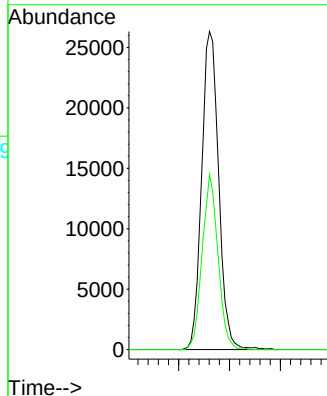
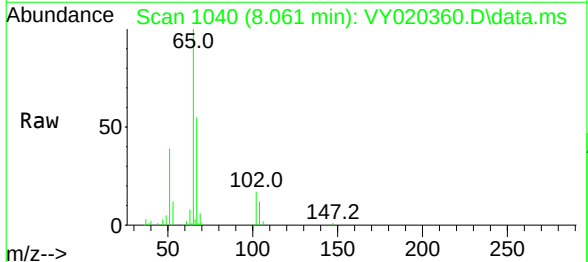
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

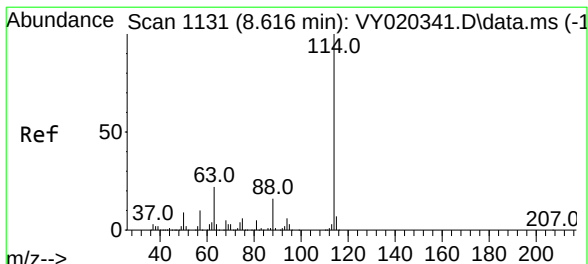
Tgt Ion: 168 Resp: 79289
Ion Ratio Lower Upper
168 100
99 65.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 67.151 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020360.D
Acq: 20 Nov 2024 15:27

Tgt Ion: 65 Resp: 61170
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.8

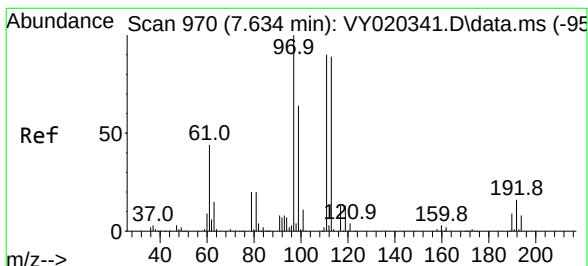
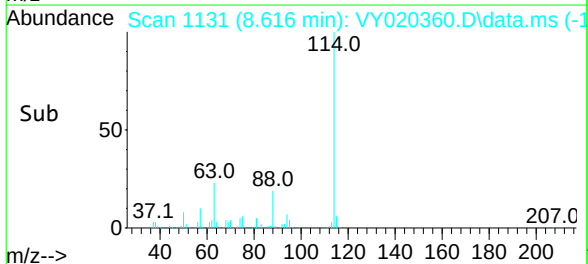
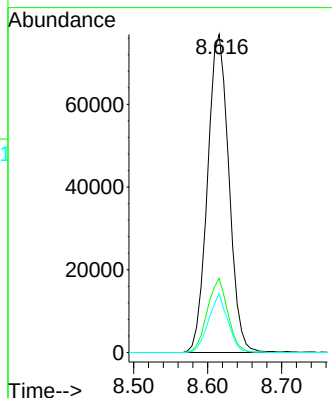
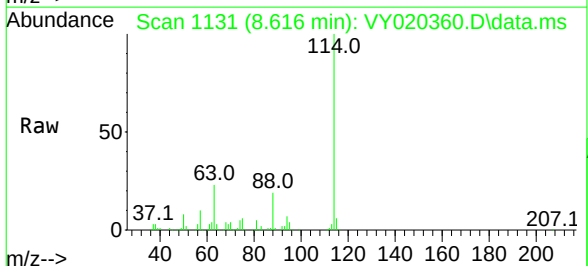




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY020360.D
 Acq: 20 Nov 2024 15:27

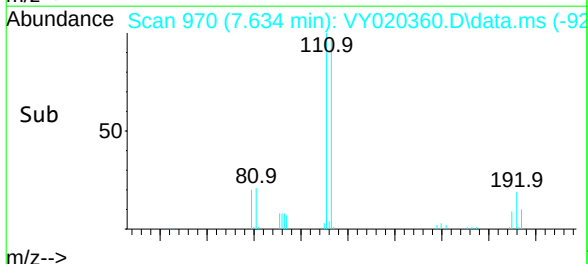
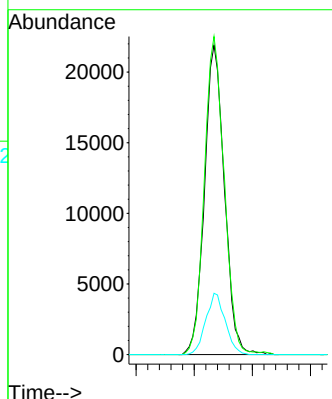
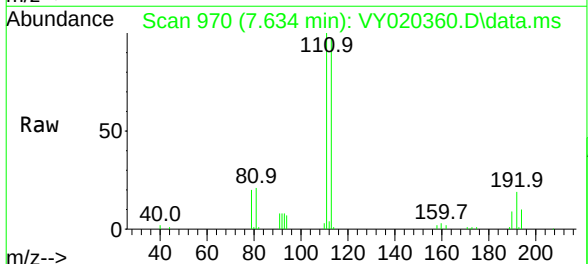
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

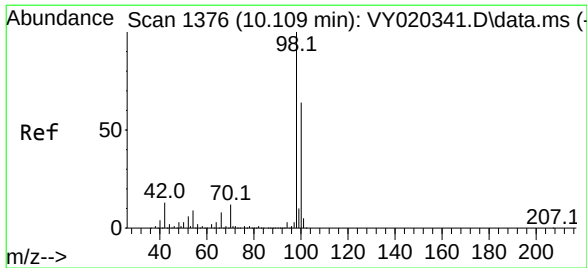
Tgt Ion:	114	Resp:	154211
Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	44.8
88	18.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 52.766 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY020360.D
 Acq: 20 Nov 2024 15:27

Tgt Ion:	113	Resp:	52177
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	19.3	15.1	22.7





#50

Toluene-d8

Concen: 49.143 ug/l

RT: 10.103 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020360.D

Acq: 20 Nov 2024 15:27

Instrument :

MSVOA_Y

ClientSampleId :

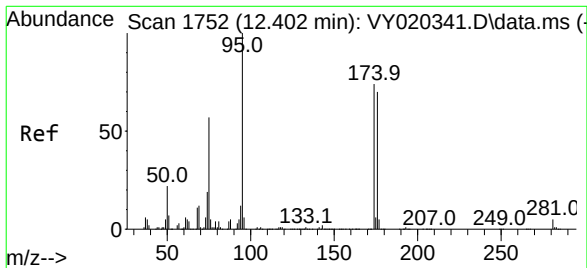
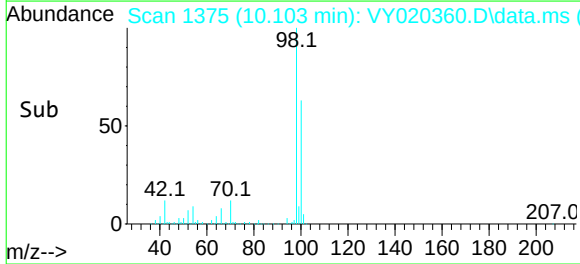
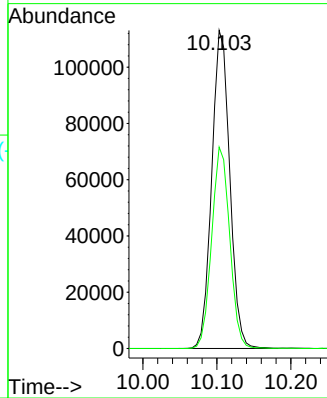
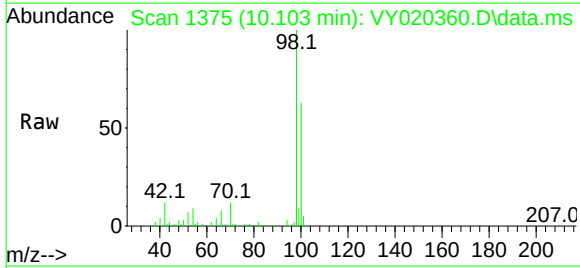
SP-2

Tgt Ion: 98 Resp: 191427

Ion Ratio Lower Upper

98 100

100 63.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 54.119 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY020360.D

Acq: 20 Nov 2024 15:27

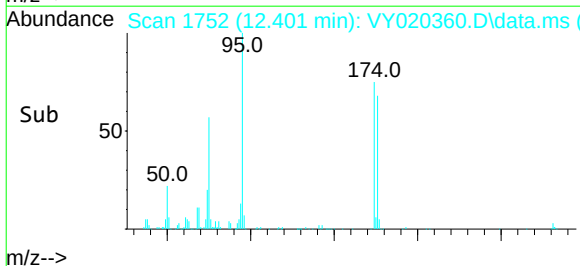
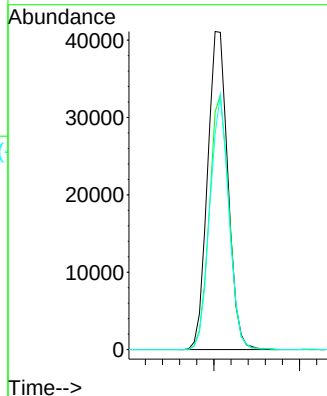
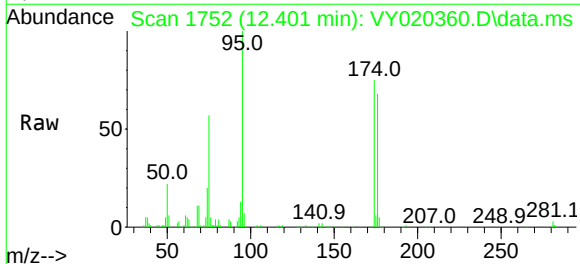
Tgt Ion: 95 Resp: 67768

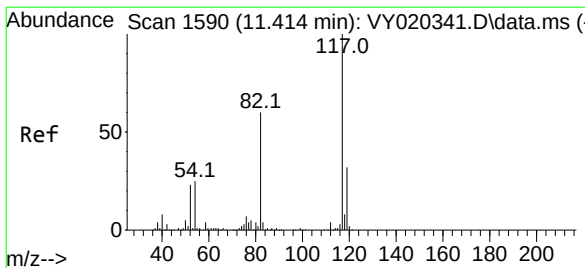
Ion Ratio Lower Upper

95 100

174 77.5 0.0 156.8

176 74.6 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: VY020360.D

Acq: 20 Nov 2024 15:27

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

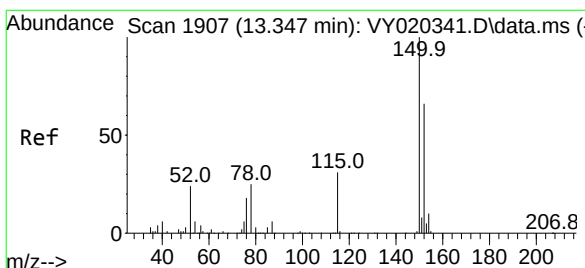
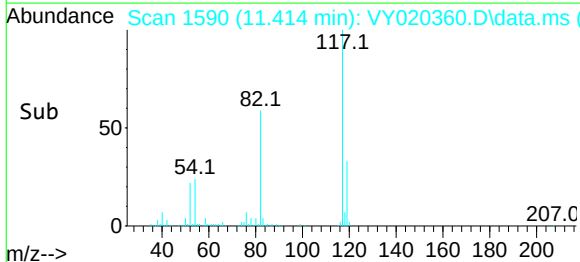
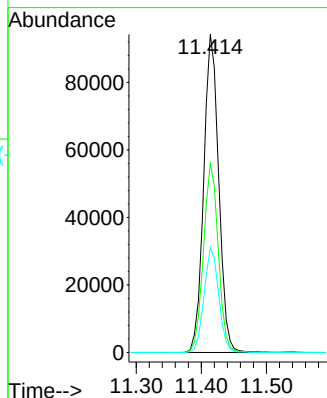
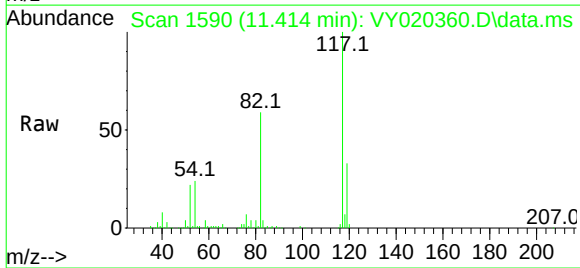
Tgt Ion:117 Resp: 151049

Ion Ratio Lower Upper

117 100

82 59.4 48.2 72.4

119 32.9 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: VY020360.D

Acq: 20 Nov 2024 15:27

Tgt Ion:152 Resp: 59083

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 158.0 0.0 348.2

