

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020700.D
 Acq On : 23 Dec 2024 18:38
 Operator : SY/MD
 Sample : P5306-11
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-12-121224

Quant Time: Dec 25 01:02:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 25 00:58:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	94664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	149835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	128778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	55306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	55443	66.131	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.260%
35) Dibromofluoromethane	7.646	113	48256	54.849	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.700%
50) Toluene-d8	10.115	98	185787	58.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.280%
62) 4-Bromofluorobenzene	12.414	95	58708	50.477	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	100.960%

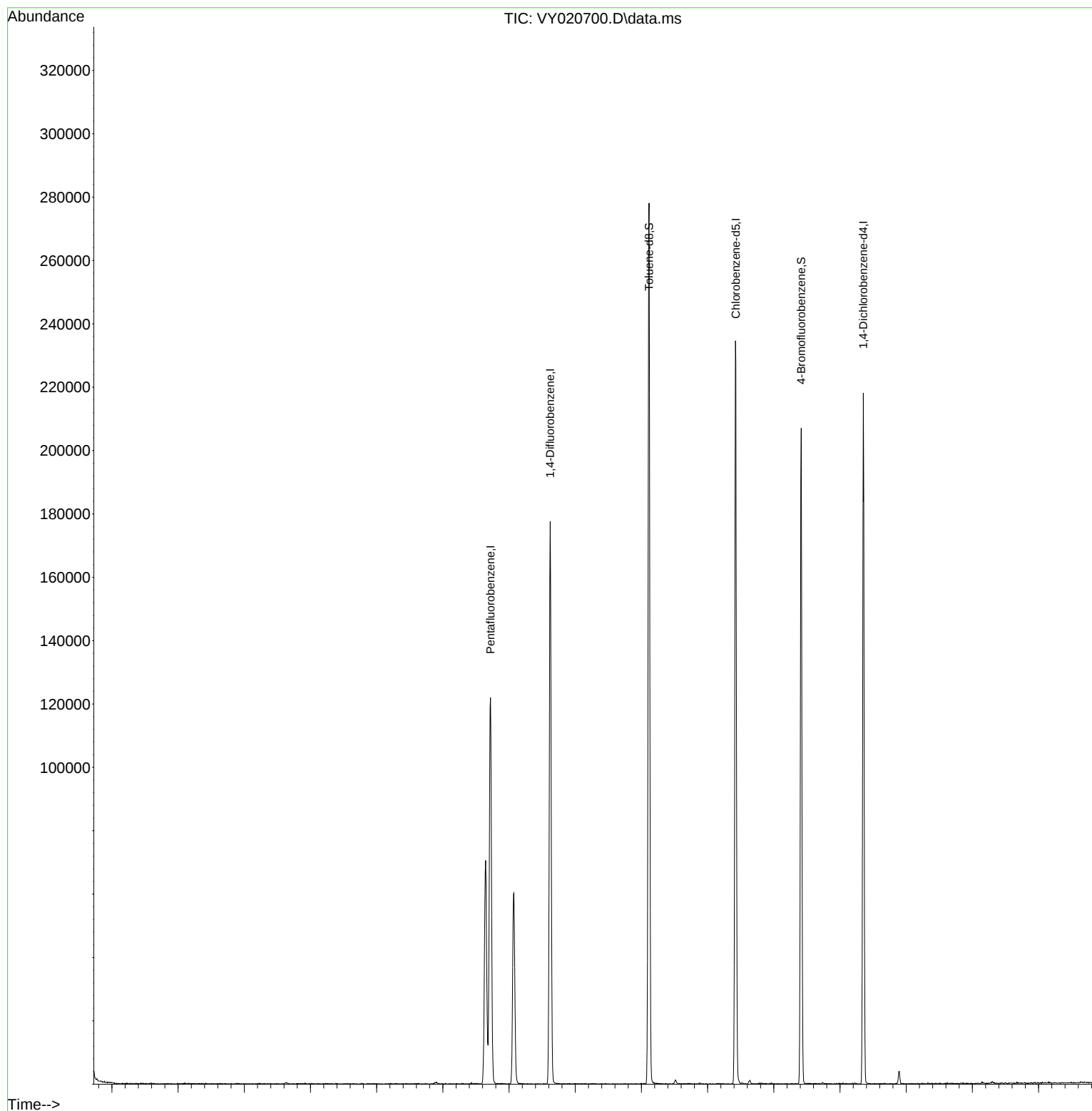
Target Compounds Qvalue

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

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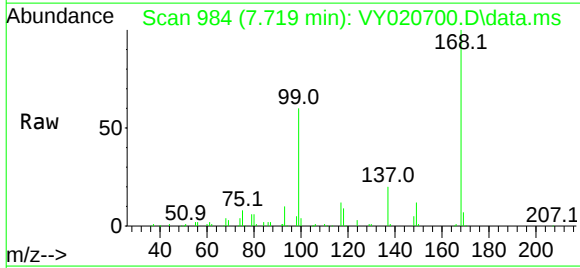
Quant Time: Dec 25 01:02:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
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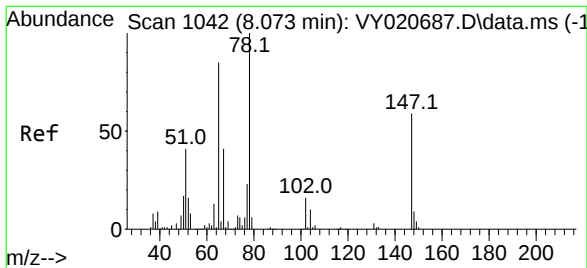
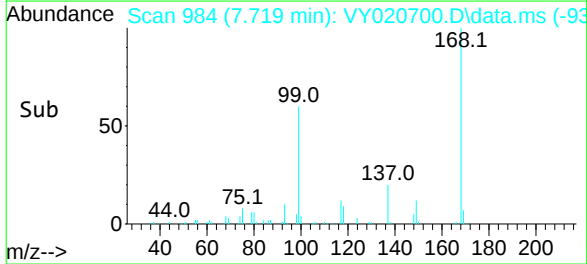
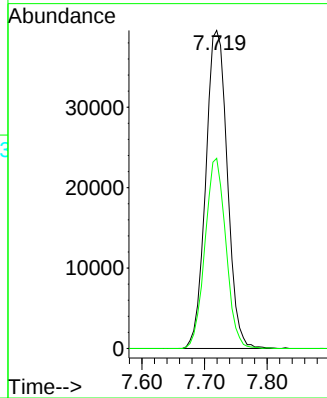


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 985
Delta R.T. -0.006 min
Lab File: VY020700.D
Acq: 23 Dec 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

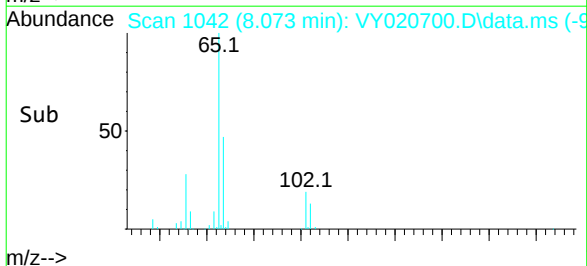
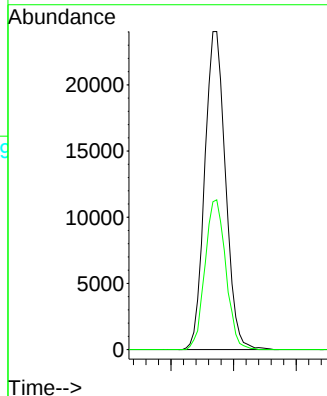
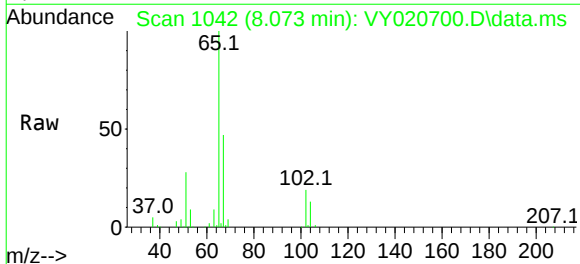


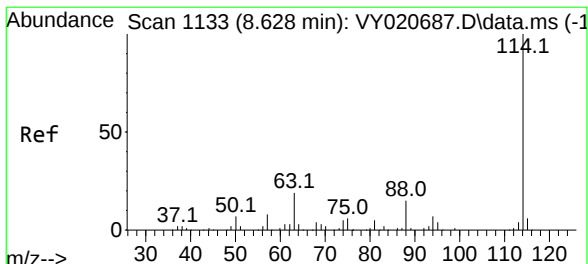
Tgt Ion:168 Resp: 94664
Ion Ratio Lower Upper
168 100
99 59.8 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 66.131 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020700.D
Acq: 23 Dec 2024 18:38

Tgt Ion: 65 Resp: 55443
Ion Ratio Lower Upper
65 100
67 47.2 0.0 98.0

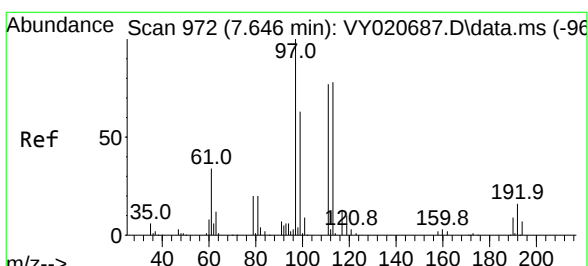
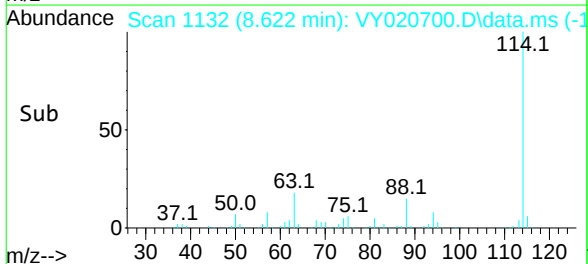
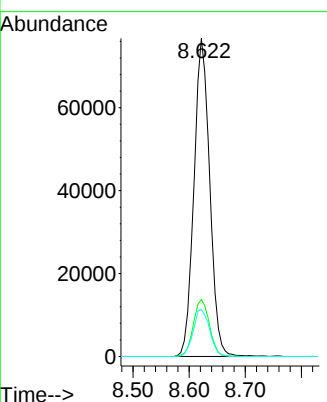
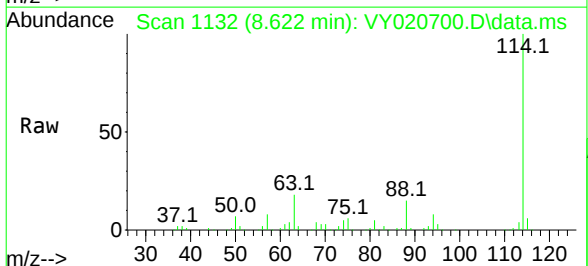




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1133
 Delta R.T. -0.006 min
 Lab File: VY020700.D
 Acq: 23 Dec 2024 18:38

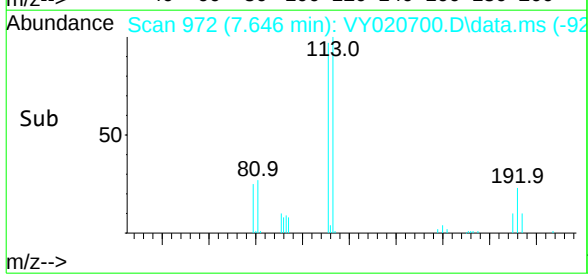
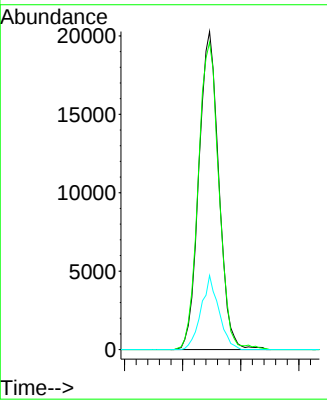
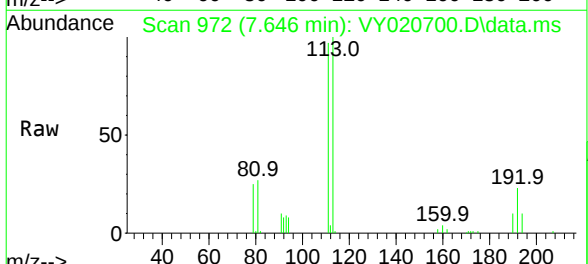
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-12-121224

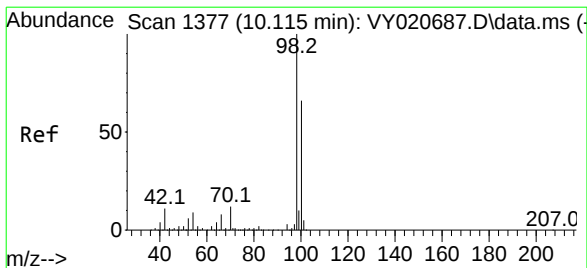
Tgt Ion:	114	Resp:	149835
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	38.4
88	14.8	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 54.849 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.000 min
 Lab File: VY020700.D
 Acq: 23 Dec 2024 18:38

Tgt Ion:	113	Resp:	48256
Ion	Ratio	Lower	Upper
113	100		
111	100.0	79.8	119.8
192	20.7	17.0	25.6





#50

Toluene-d8

Concen: 58.140 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020700.D

Acq: 23 Dec 2024 18:38

Instrument :

MSVOA_Y

ClientSampleId :

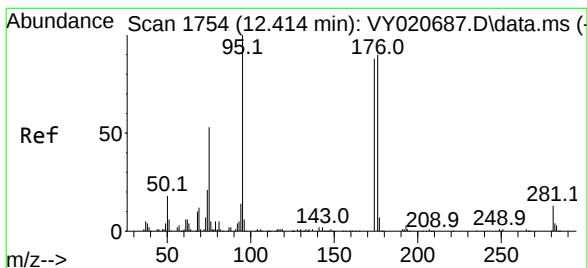
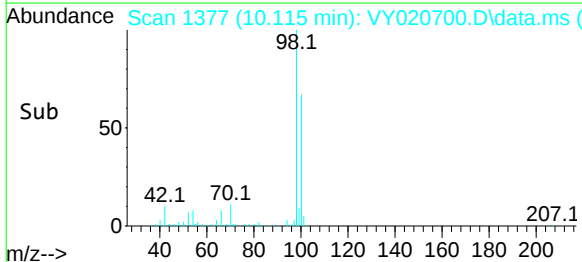
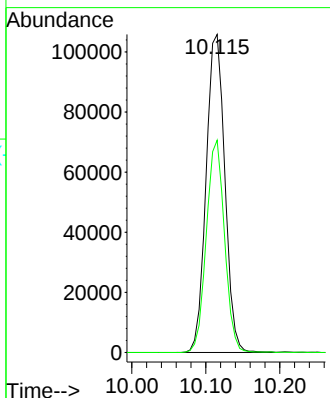
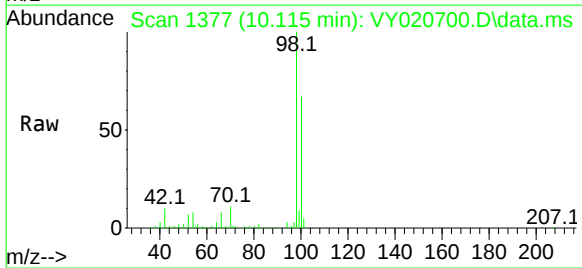
OU4-VSL-12-121224

Tgt Ion: 98 Resp: 185787

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 50.477 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020700.D

Acq: 23 Dec 2024 18:38

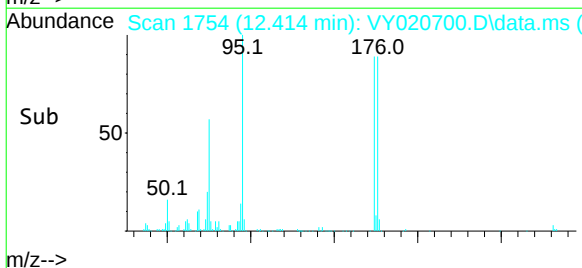
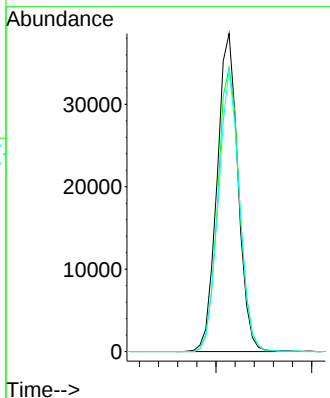
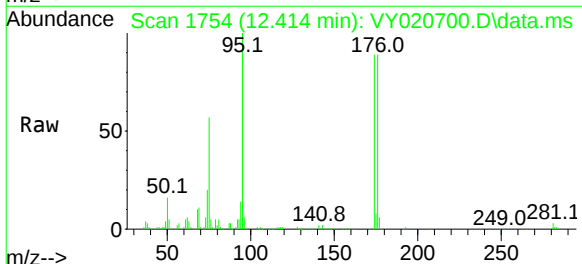
Tgt Ion: 95 Resp: 58708

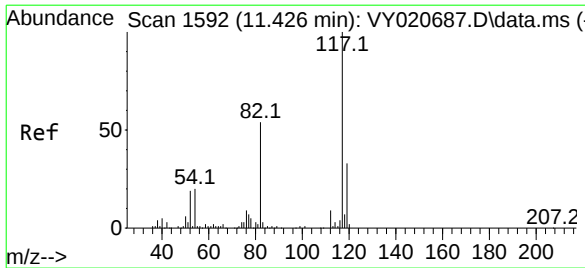
Ion Ratio Lower Upper

95 100

174 92.1 0.0 179.2

176 88.7 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020700.D

Acq: 23 Dec 2024 18:38

Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-12-121224

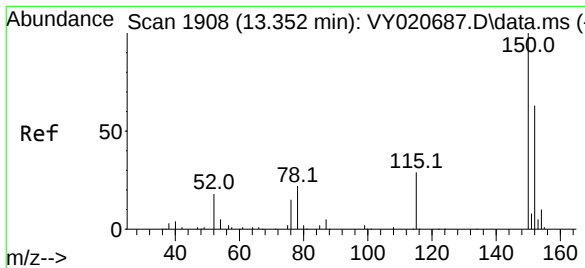
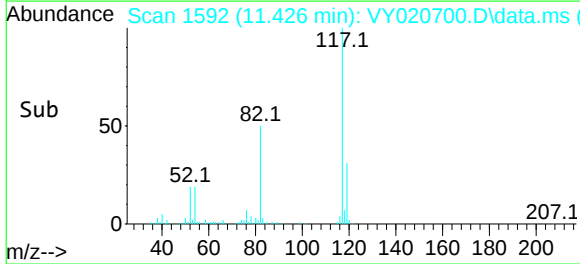
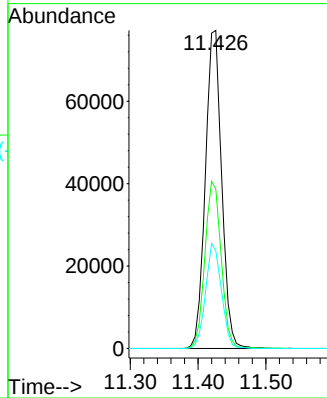
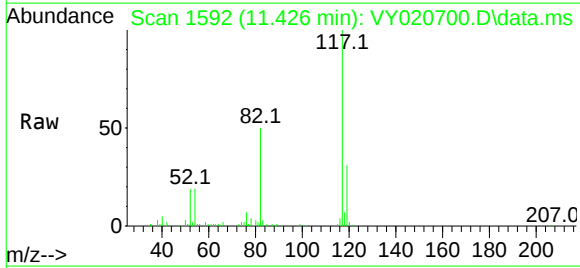
Tgt Ion:117 Resp: 128778

Ion Ratio Lower Upper

117 100

82 50.1 43.4 65.2

119 30.7 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020700.D

Acq: 23 Dec 2024 18:38

Tgt Ion:152 Resp: 55306

Ion Ratio Lower Upper

152 100

115 57.4 30.3 90.9

150 154.6 0.0 349.0

