

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020570.D
 Acq On : 10 Dec 2024 15:47
 Operator : SY/MD
 Sample : P5219-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-CAM-011

Quant Time: Dec 11 00:50:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	154936	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	268423	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	232645	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	94757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	89810	56.996	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.000%
35) Dibromofluoromethane	7.628	113	86231	51.029	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.060%
50) Toluene-d8	10.103	98	324437	50.420	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.401	95	103274	45.889	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.780%

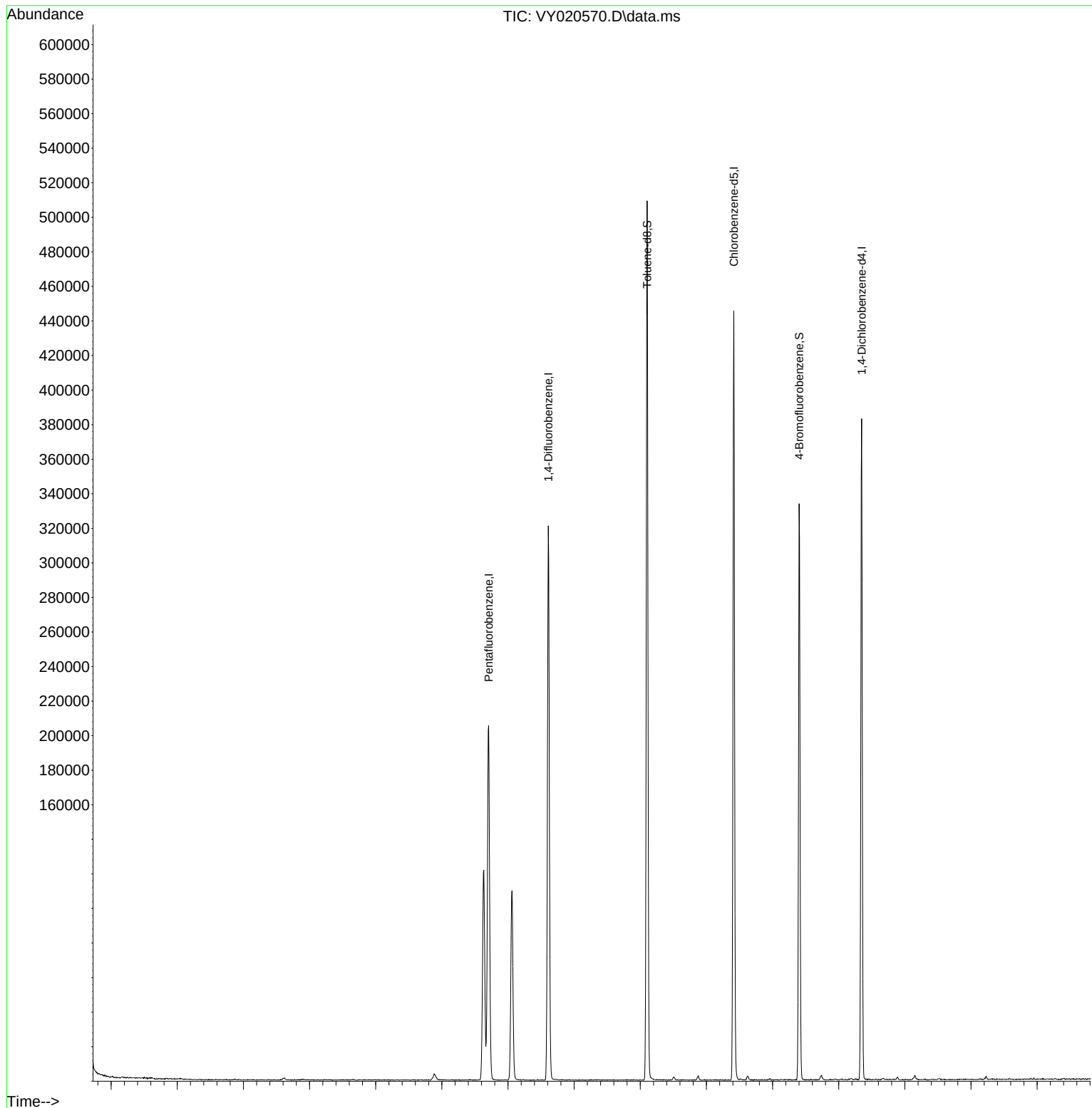
Target Compounds	Qvalue

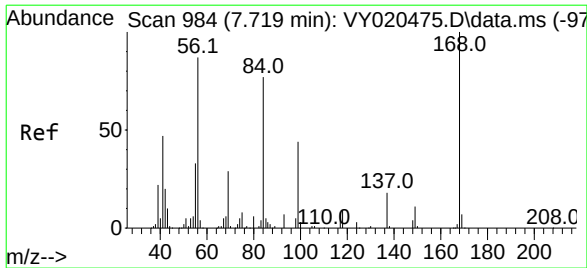
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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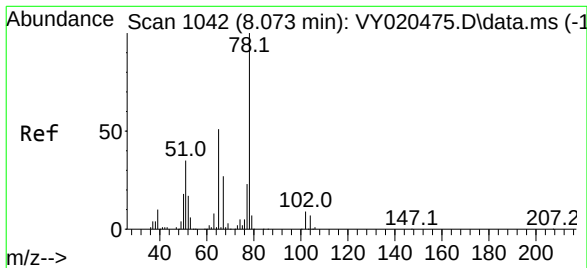
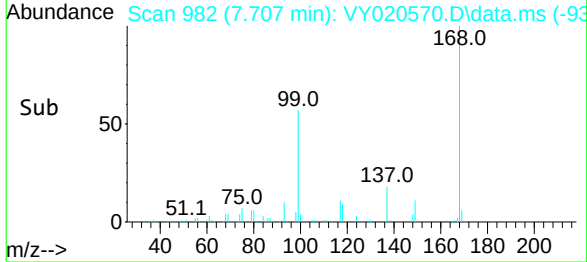
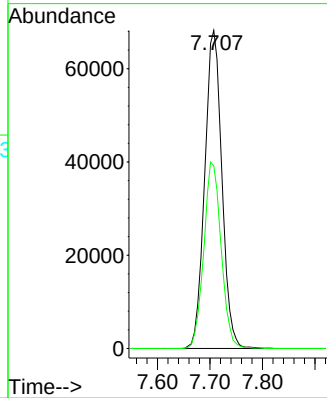
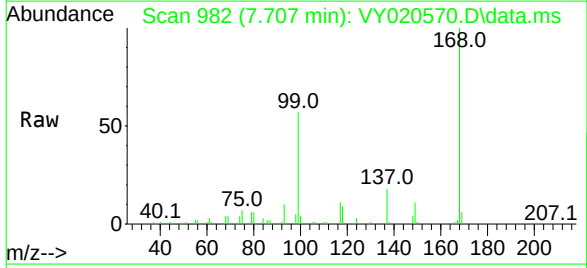




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020570.D
Acq: 10 Dec 2024 15:47

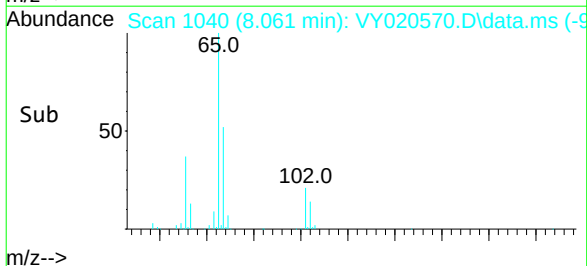
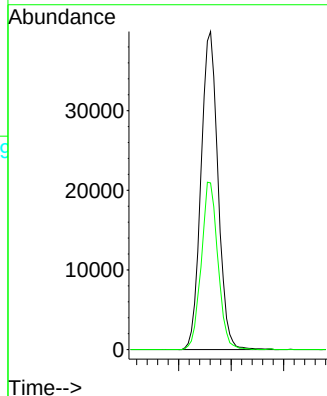
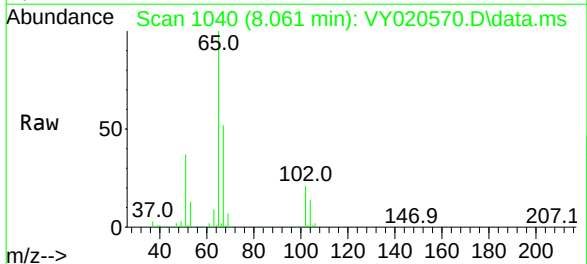
Instrument :
MSVOA_Y
ClientSampleId :
MR-CAM-011

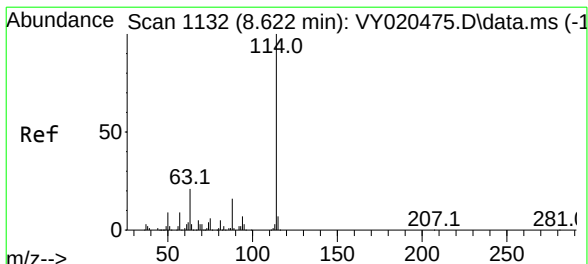
Tgt Ion:168 Resp: 154936
Ion Ratio Lower Upper
168 100
99 57.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 56.996 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020570.D
Acq: 10 Dec 2024 15:47

Tgt Ion: 65 Resp: 89810
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.8

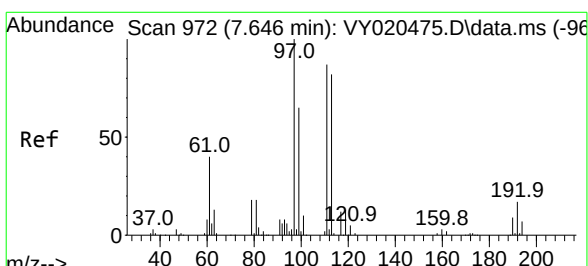
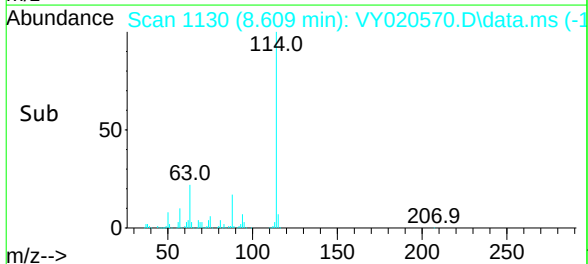
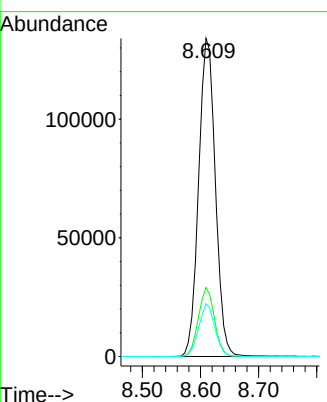
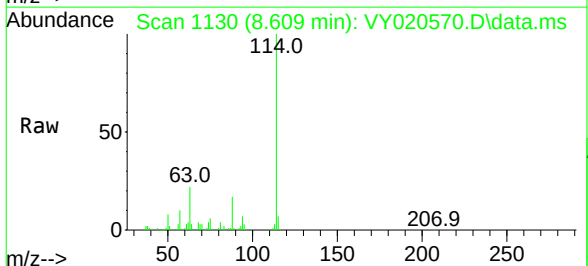




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020570.D
 Acq: 10 Dec 2024 15:47

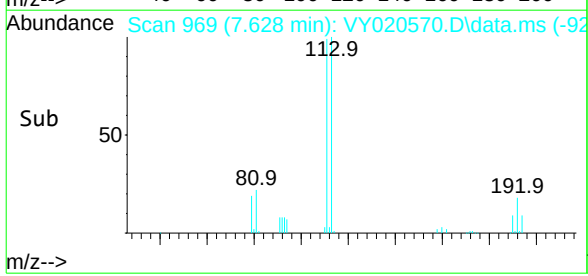
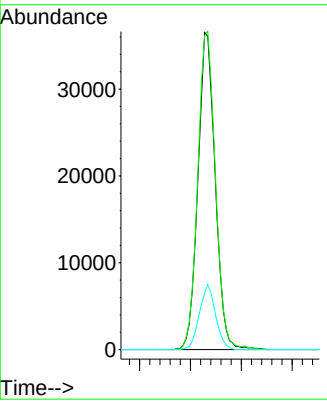
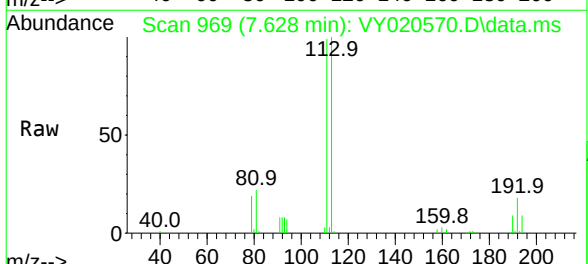
Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-CAM-011

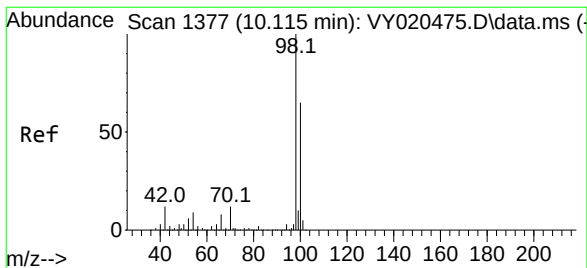
Tgt Ion:	114	Resp:	268423
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.8
88	16.6	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 51.029 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.018 min
 Lab File: VY020570.D
 Acq: 10 Dec 2024 15:47

Tgt Ion:	113	Resp:	86231
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	19.2	15.1	22.7





#50

Toluene-d8

Concen: 50.420 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020570.D

Acq: 10 Dec 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

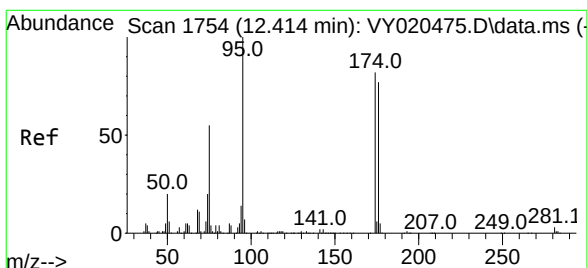
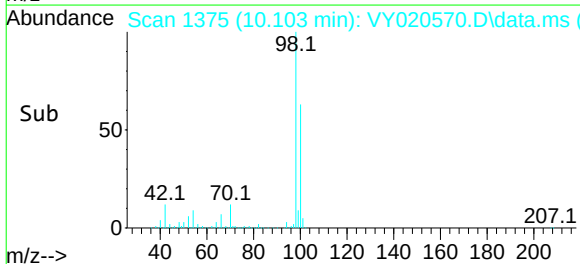
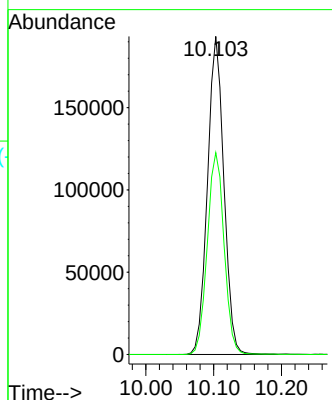
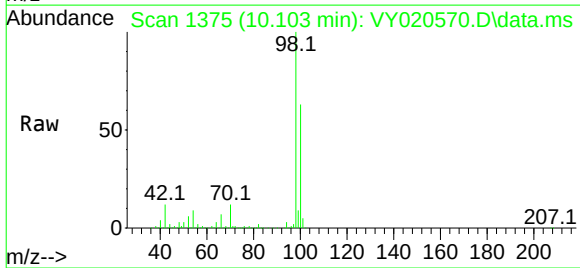
MR-CAM-011

Tgt Ion: 98 Resp: 324437

Ion Ratio Lower Upper

98 100

100 65.0 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 45.889 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020570.D

Acq: 10 Dec 2024 15:47

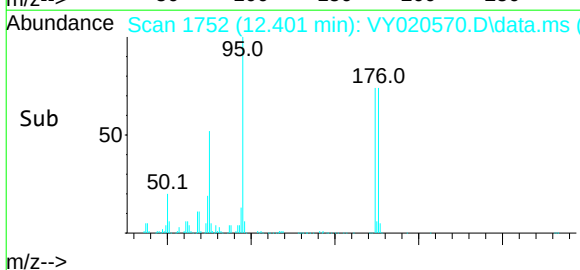
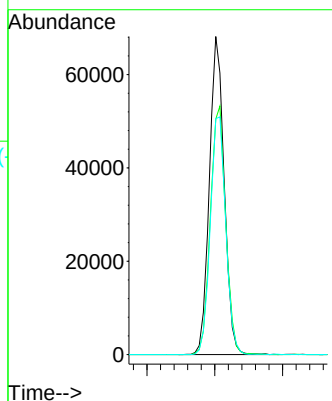
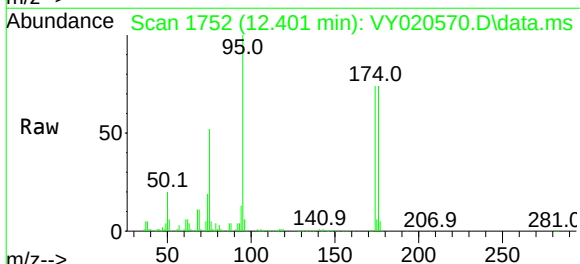
Tgt Ion: 95 Resp: 103274

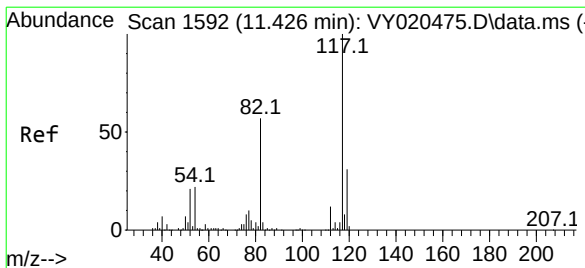
Ion Ratio Lower Upper

95 100

174 80.6 0.0 156.8

176 78.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020570.D

Acq: 10 Dec 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

MR-CAM-011

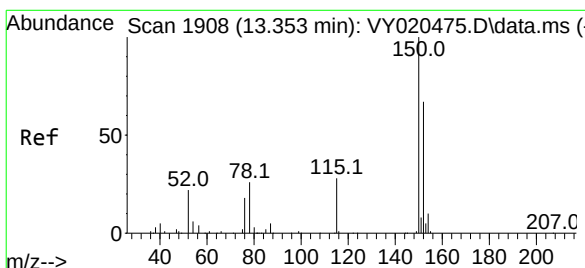
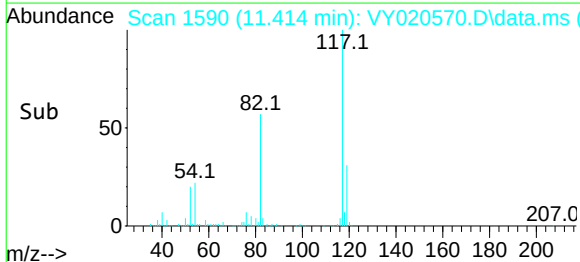
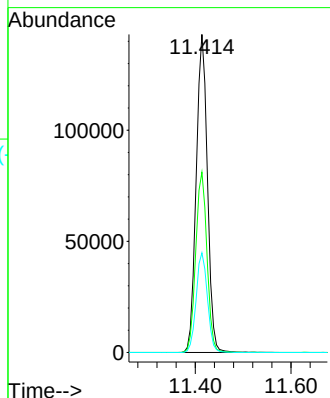
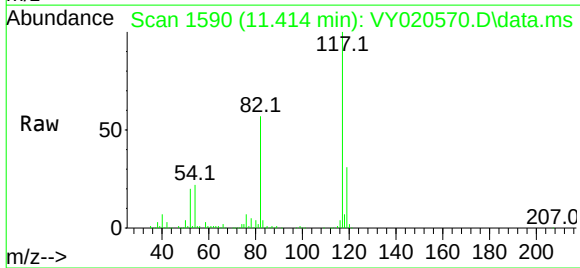
Tgt Ion:117 Resp: 232645

Ion Ratio Lower Upper

117 100

82 56.7 48.2 72.4

119 31.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020570.D

Acq: 10 Dec 2024 15:47

Tgt Ion:152 Resp: 94757

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 157.5 0.0 348.2

