

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020699.D
 Acq On : 23 Dec 2024 18:14
 Operator : SY/MD
 Sample : P5342-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21198

Quant Time: Dec 23 18:22:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 15:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	13461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	19839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	16627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	5453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	7798	65.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.820%
35) Dibromofluoromethane	7.640	113	7093	60.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.780%
50) Toluene-d8	10.115	98	23004	54.370	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.740%
62) 4-Bromofluorobenzene	12.414	95	6202	40.274	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.540%

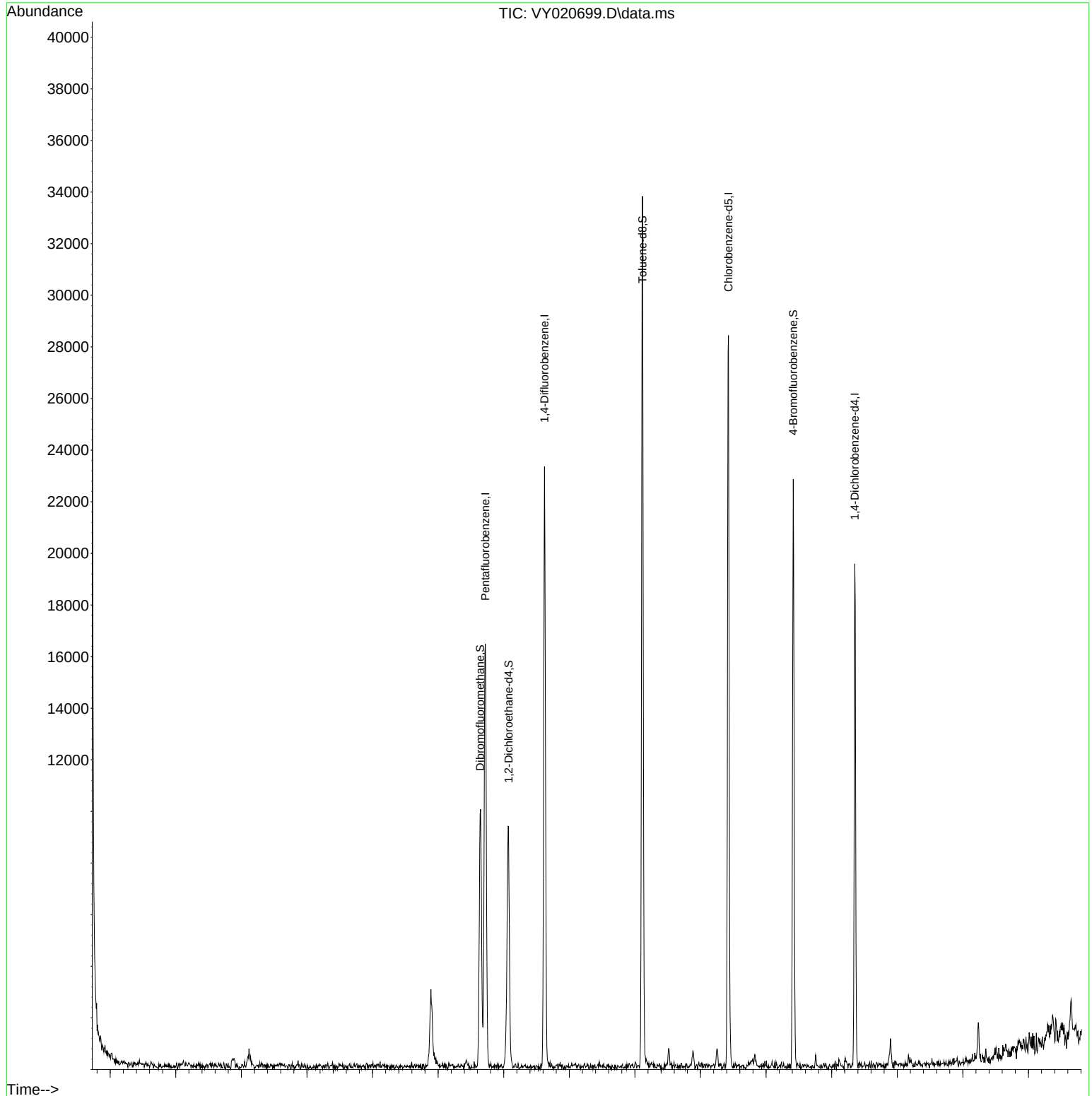
Target Compounds Qvalue

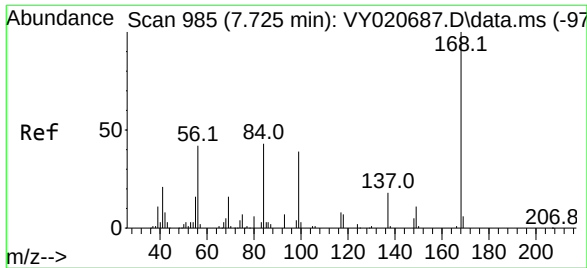
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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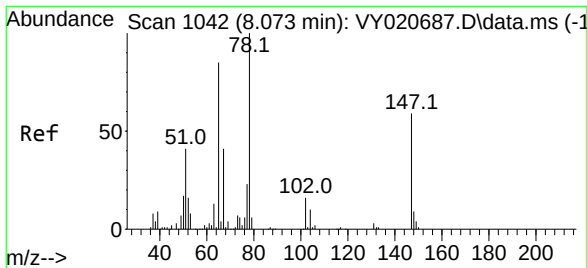
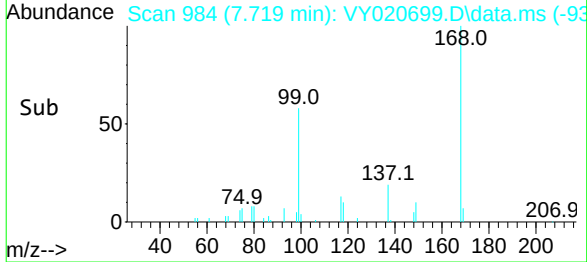
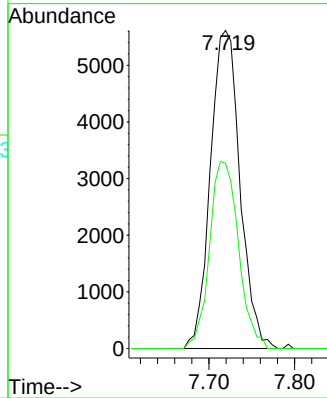
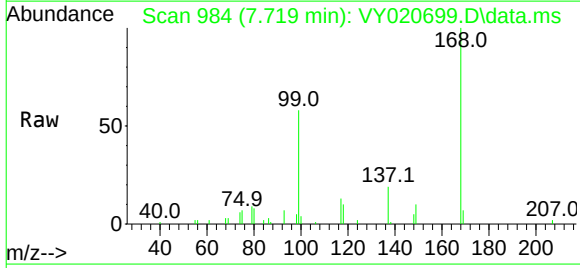




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020699.D
Acq: 23 Dec 2024 18:14

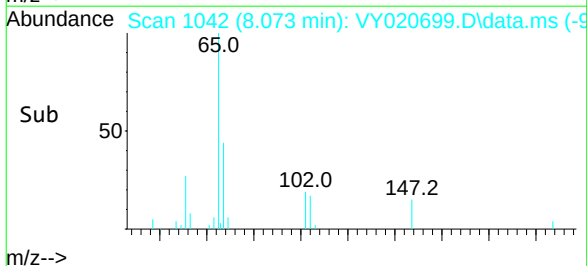
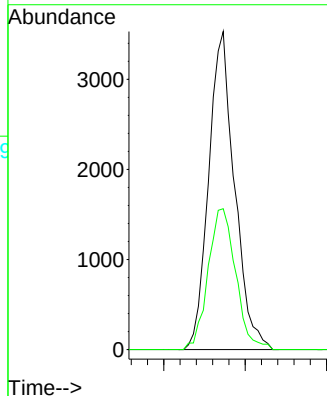
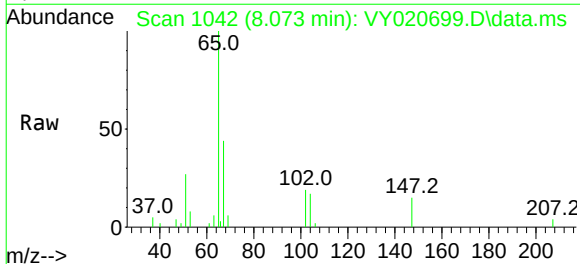
Instrument :
MSVOA_Y
ClientSampleId :
RB21198

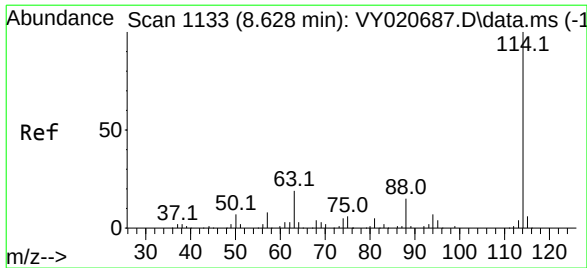
Tgt Ion:168 Resp: 13461
Ion Ratio Lower Upper
168 100
99 58.2 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 65.411 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY020699.D
Acq: 23 Dec 2024 18:14

Tgt Ion: 65 Resp: 7798
Ion Ratio Lower Upper
65 100
67 47.3 0.0 108.0

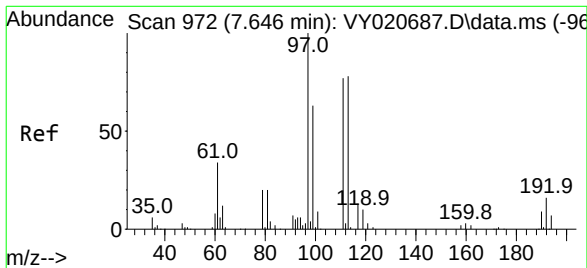
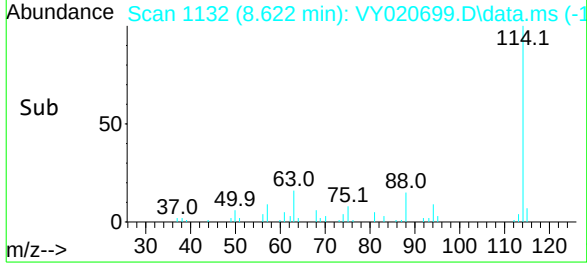
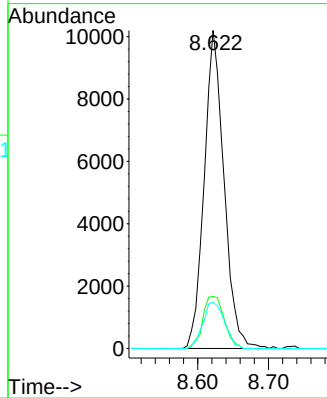
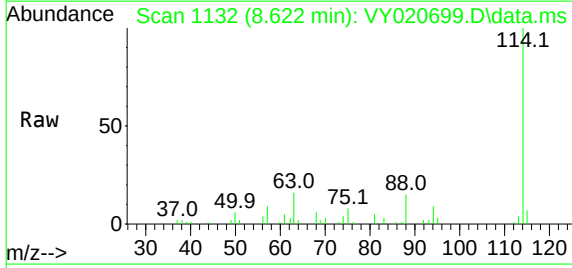




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020699.D
Acq: 23 Dec 2024 18:14

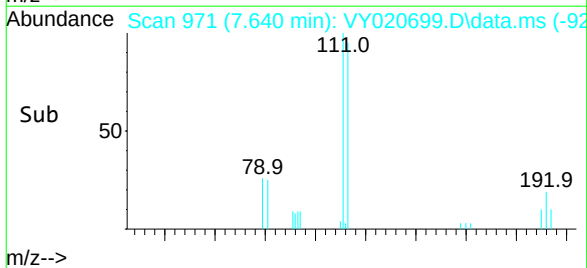
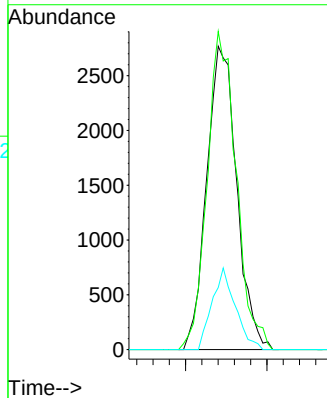
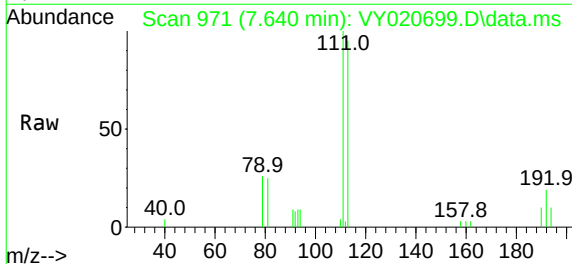
Instrument :
MSVOA_Y
ClientSampleId :
RB21198

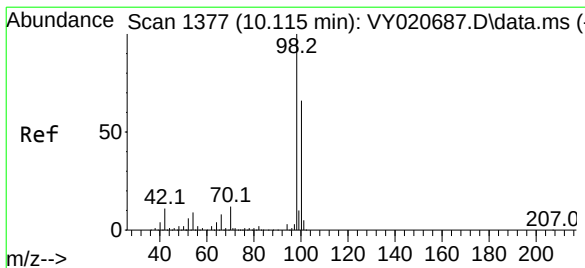
Tgt Ion:	114	Resp:	19839
Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	44.0
88	14.6	0.0	32.8



#35
Dibromofluoromethane
Concen: 60.889 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020699.D
Acq: 23 Dec 2024 18:14

Tgt Ion:	113	Resp:	7093
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	20.9	15.7	23.5





#50

Toluene-d8

Concen: 54.370 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020699.D

Acq: 23 Dec 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :

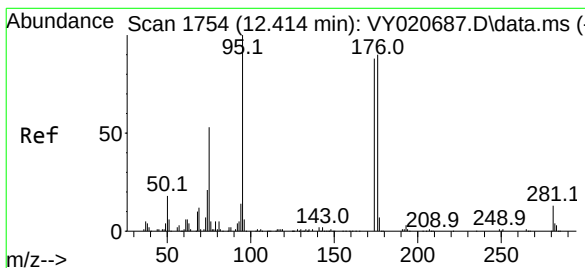
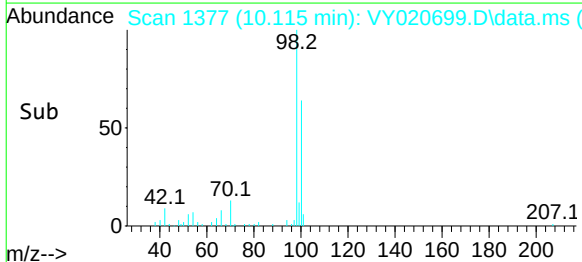
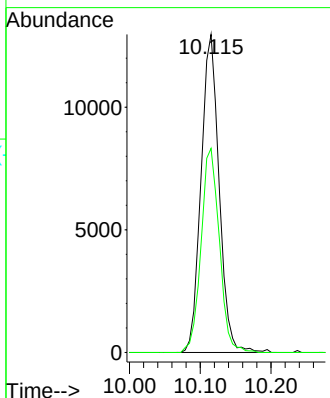
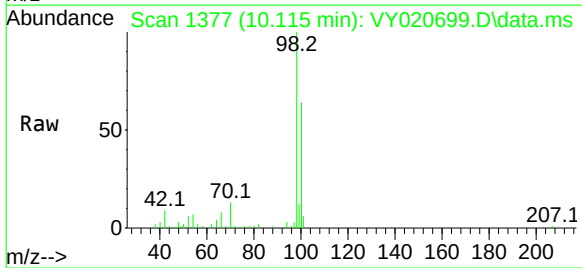
RB21198

Tgt Ion: 98 Resp: 23004

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 40.274 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020699.D

Acq: 23 Dec 2024 18:14

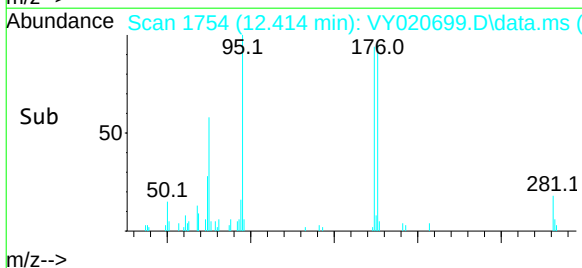
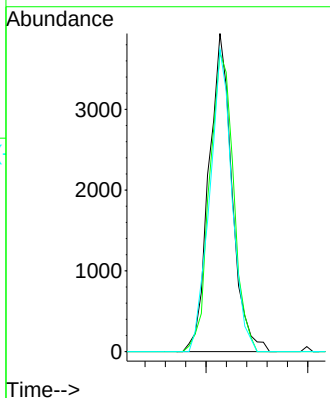
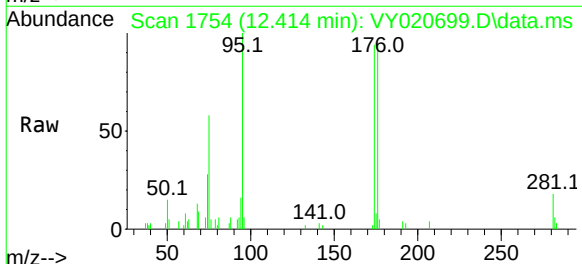
Tgt Ion: 95 Resp: 6202

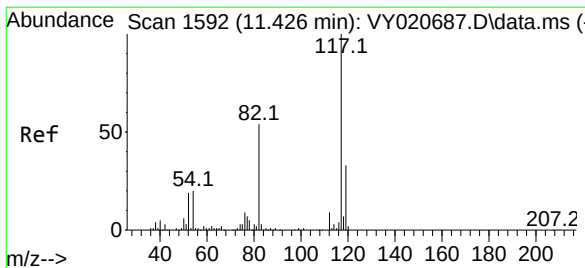
Ion Ratio Lower Upper

95 100

174 97.4 0.0 161.8

176 91.6 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020699.D

Acq: 23 Dec 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :

RB21198

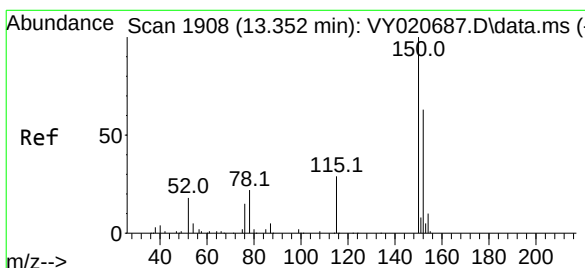
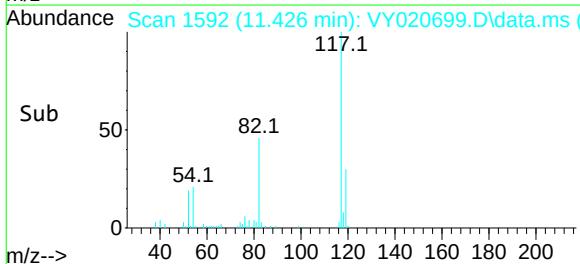
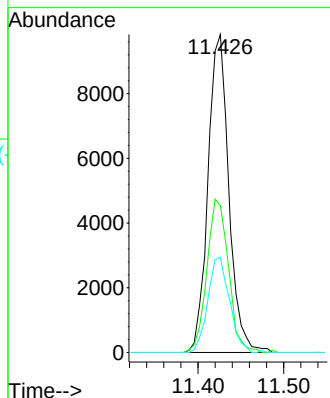
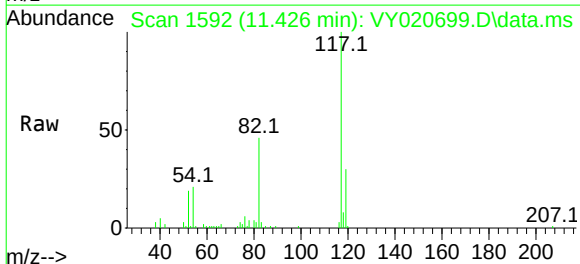
Tgt Ion:117 Resp: 16627

Ion Ratio Lower Upper

117 100

82 46.2 45.8 68.6

119 29.9 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020699.D

Acq: 23 Dec 2024 18:14

Tgt Ion:152 Resp: 5453

Ion Ratio Lower Upper

152 100

115 54.8 30.2 90.6

150 152.0 0.0 355.4

