

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020692.D
 Acq On : 23 Dec 2024 15:24
 Operator : SY/MD
 Sample : VY1223SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBL01

Quant Time: Dec 23 15:44:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 14:10:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	103684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	162906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	133896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	51849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	53612	58.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.760%
35) Dibromofluoromethane	7.646	113	51000	53.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.640%
50) Toluene-d8	10.115	98	186585	53.705	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.420%
62) 4-Bromofluorobenzene	12.414	95	55859	44.174	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.340%

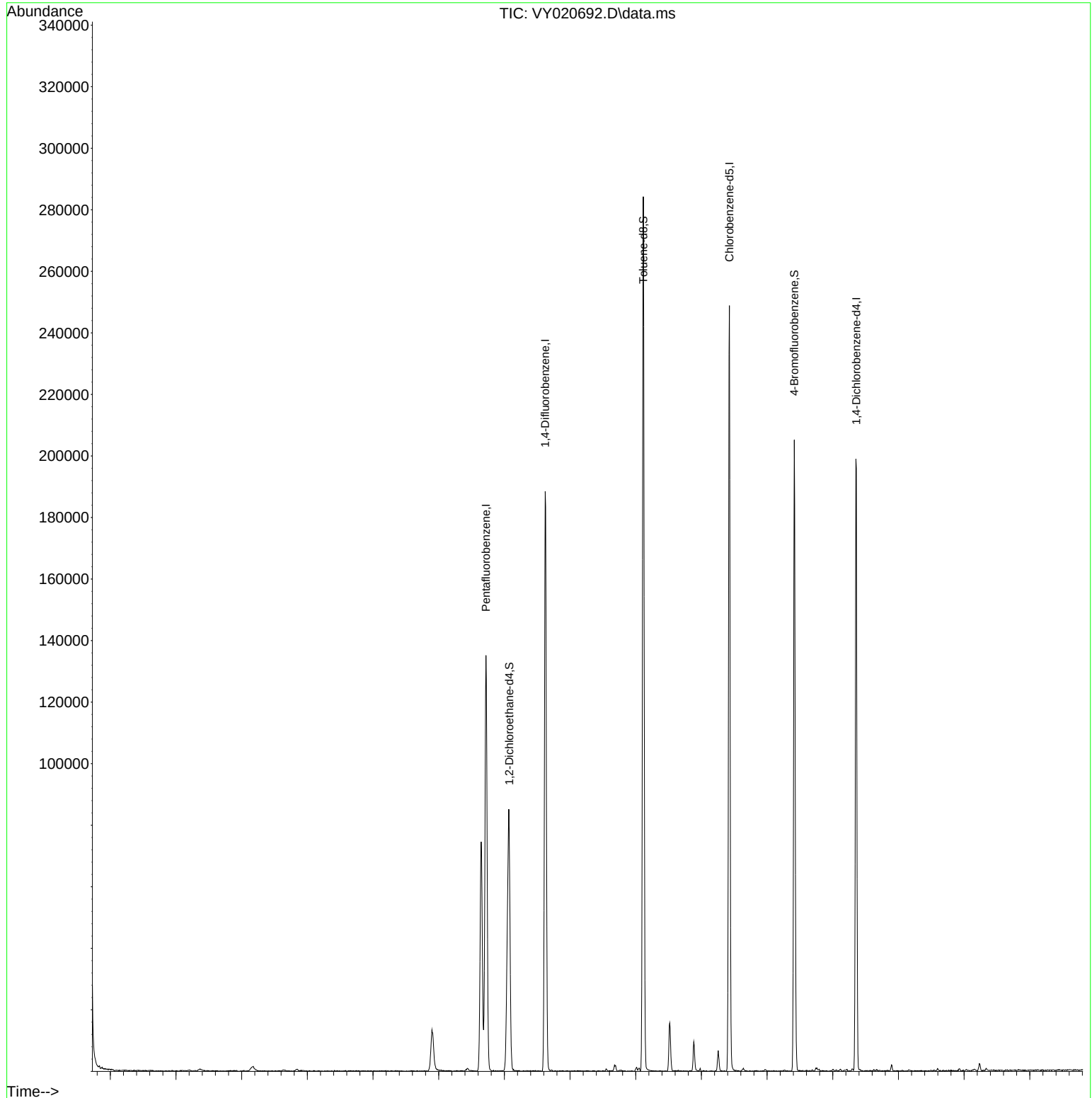
Target Compounds	Qvalue

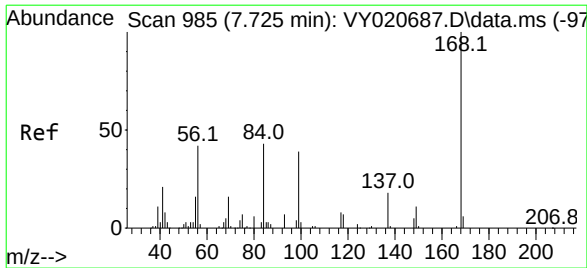
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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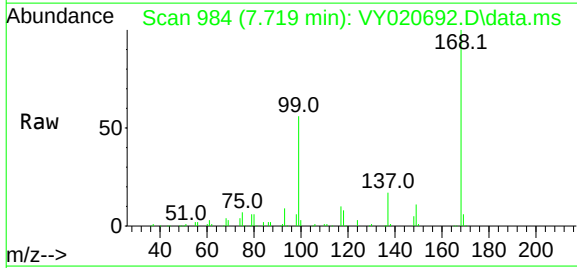
Quant Time: Dec 23 15:44:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
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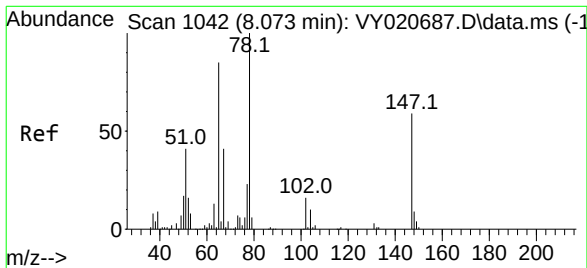
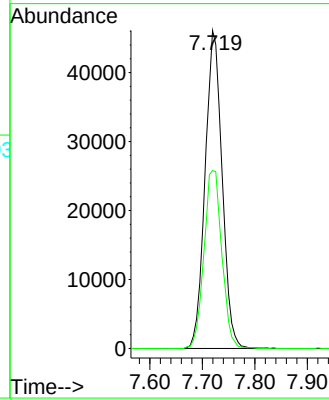
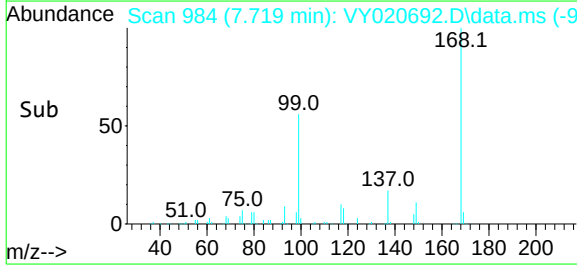


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020692.D
Acq: 23 Dec 2024 15:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBL01

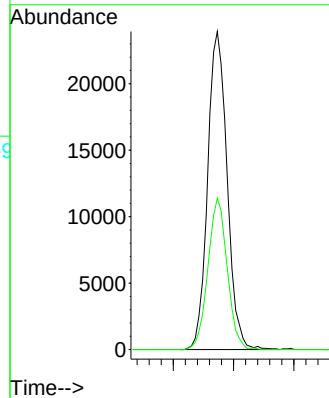
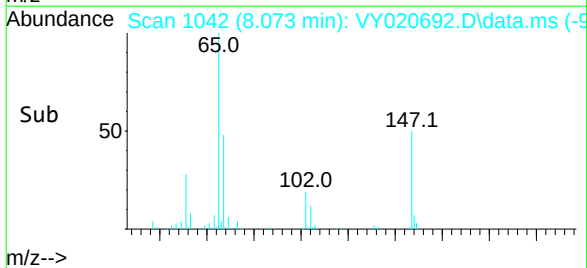
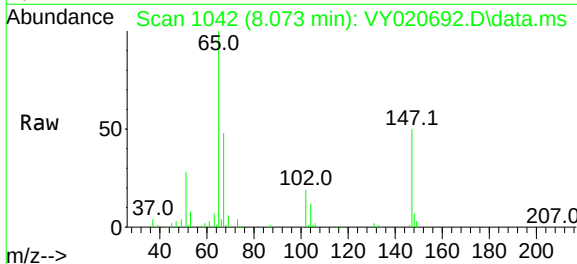


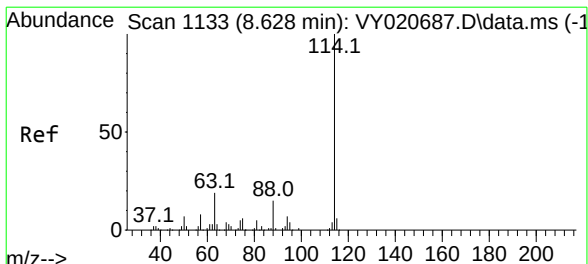
Tgt Ion:168 Resp: 103684
Ion Ratio Lower Upper
168 100
99 56.0 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 58.384 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020692.D
Acq: 23 Dec 2024 15:24

Tgt Ion: 65 Resp: 53612
Ion Ratio Lower Upper
65 100
67 47.1 0.0 108.0

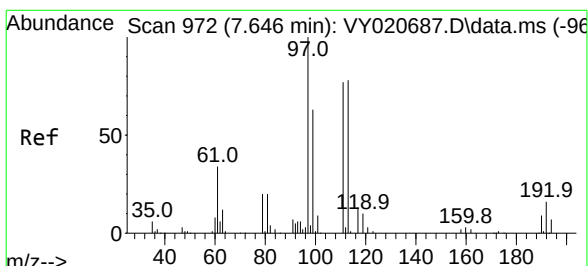
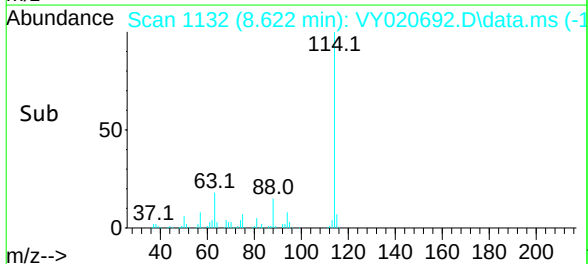
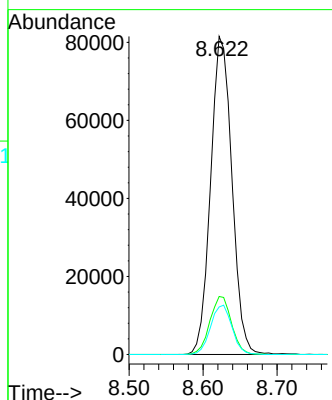
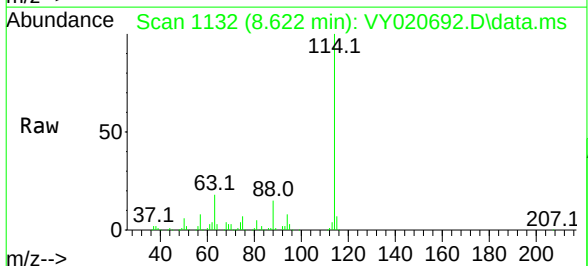




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020692.D
 Acq: 23 Dec 2024 15:24

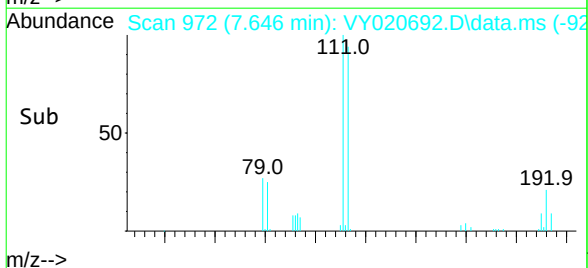
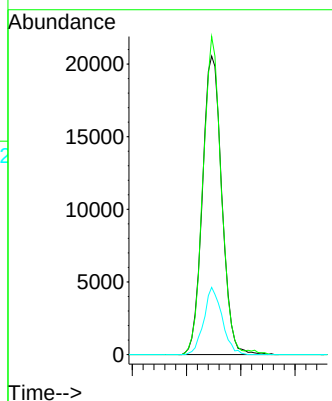
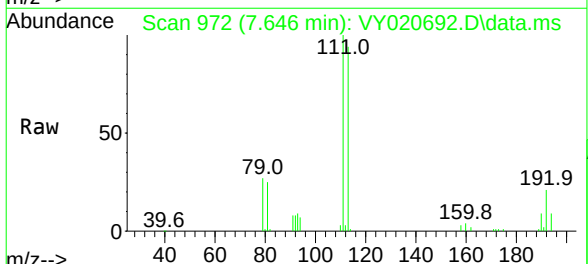
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBL01

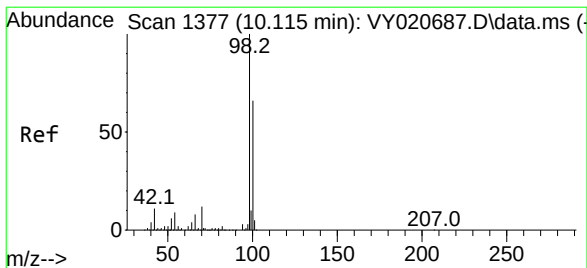
Tgt Ion:	114	Resp:	162906
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	44.0
88	15.0	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 53.317 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.000 min
 Lab File: VY020692.D
 Acq: 23 Dec 2024 15:24

Tgt Ion:	113	Resp:	51000
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.9	124.3
192	21.3	15.7	23.5





#50

Toluene-d8

Concen: 53.705 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020692.D

Acq: 23 Dec 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

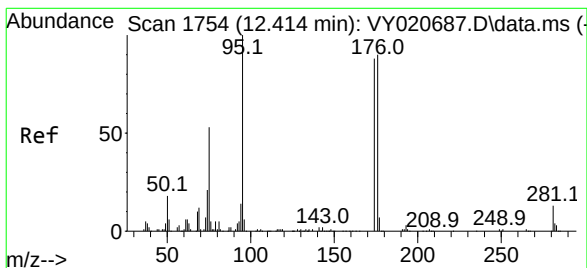
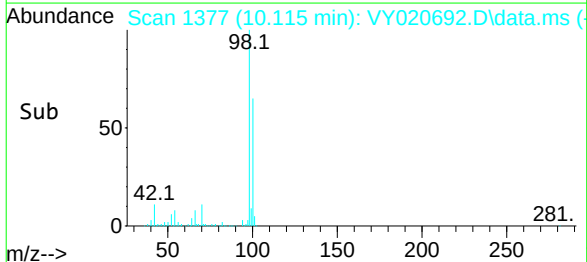
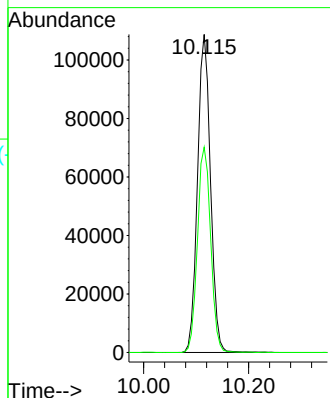
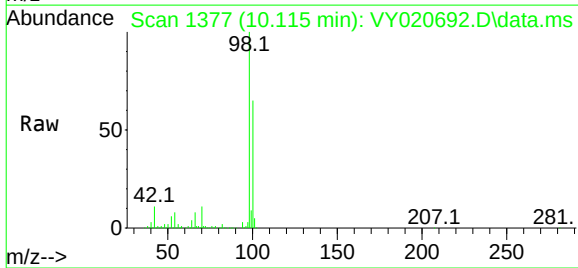
VY1223SBL01

Tgt Ion: 98 Resp: 186585

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.174 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020692.D

Acq: 23 Dec 2024 15:24

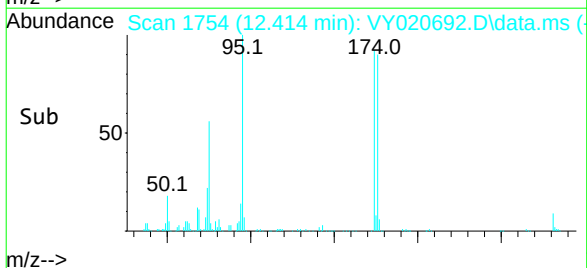
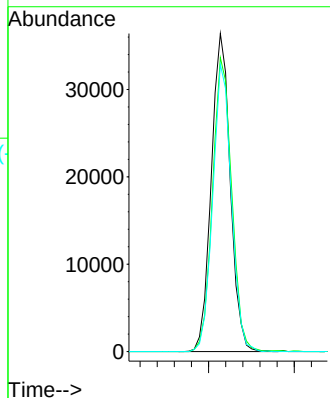
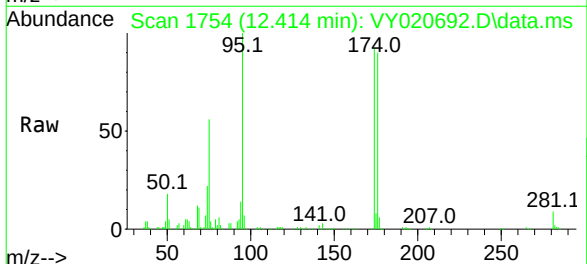
Tgt Ion: 95 Resp: 55859

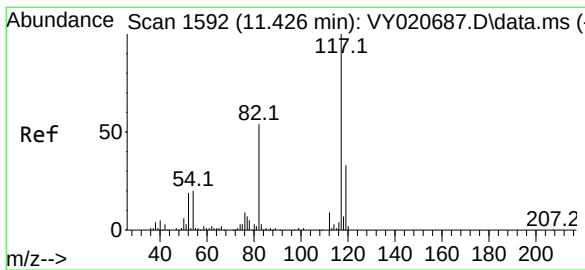
Ion Ratio Lower Upper

95 100

174 93.4 0.0 161.8

176 88.7 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: VY020692.D

Acq: 23 Dec 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBL01

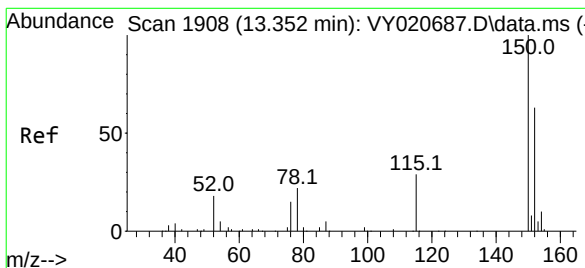
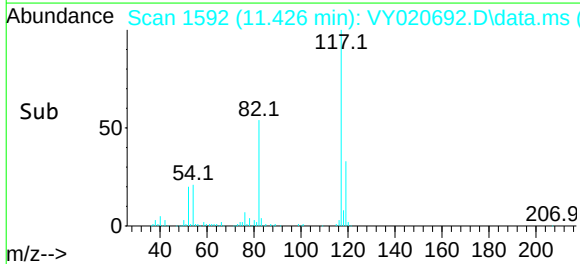
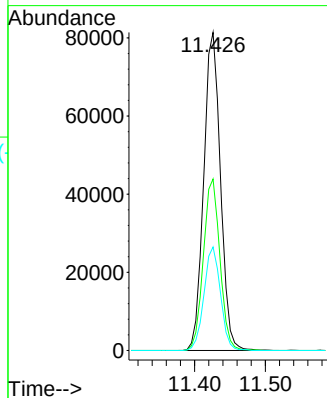
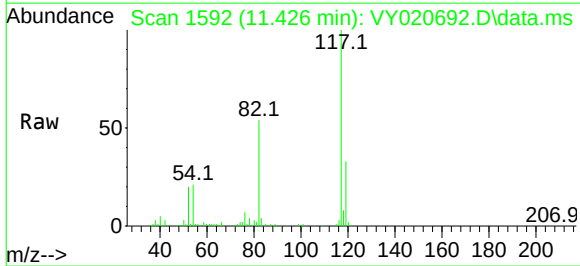
Tgt Ion:117 Resp: 133896

Ion Ratio Lower Upper

117 100

82 53.9 45.8 68.6

119 32.6 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020692.D

Acq: 23 Dec 2024 15:24

Tgt Ion:152 Resp: 51849

Ion Ratio Lower Upper

152 100

115 57.9 30.2 90.6

150 159.1 0.0 355.4

