

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020659.D
 Acq On : 19 Dec 2024 16:46
 Operator : SY/MD
 Sample : P5306-15
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ210

Quant Time: Dec 20 00:57:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	101451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	168414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	136761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	51565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	65757	59.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.360%
35) Dibromofluoromethane	7.634	113	62056	52.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.560%
50) Toluene-d8	10.109	98	230278	55.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.860%
62) 4-Bromofluorobenzene	12.408	95	66783	41.094	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.180%

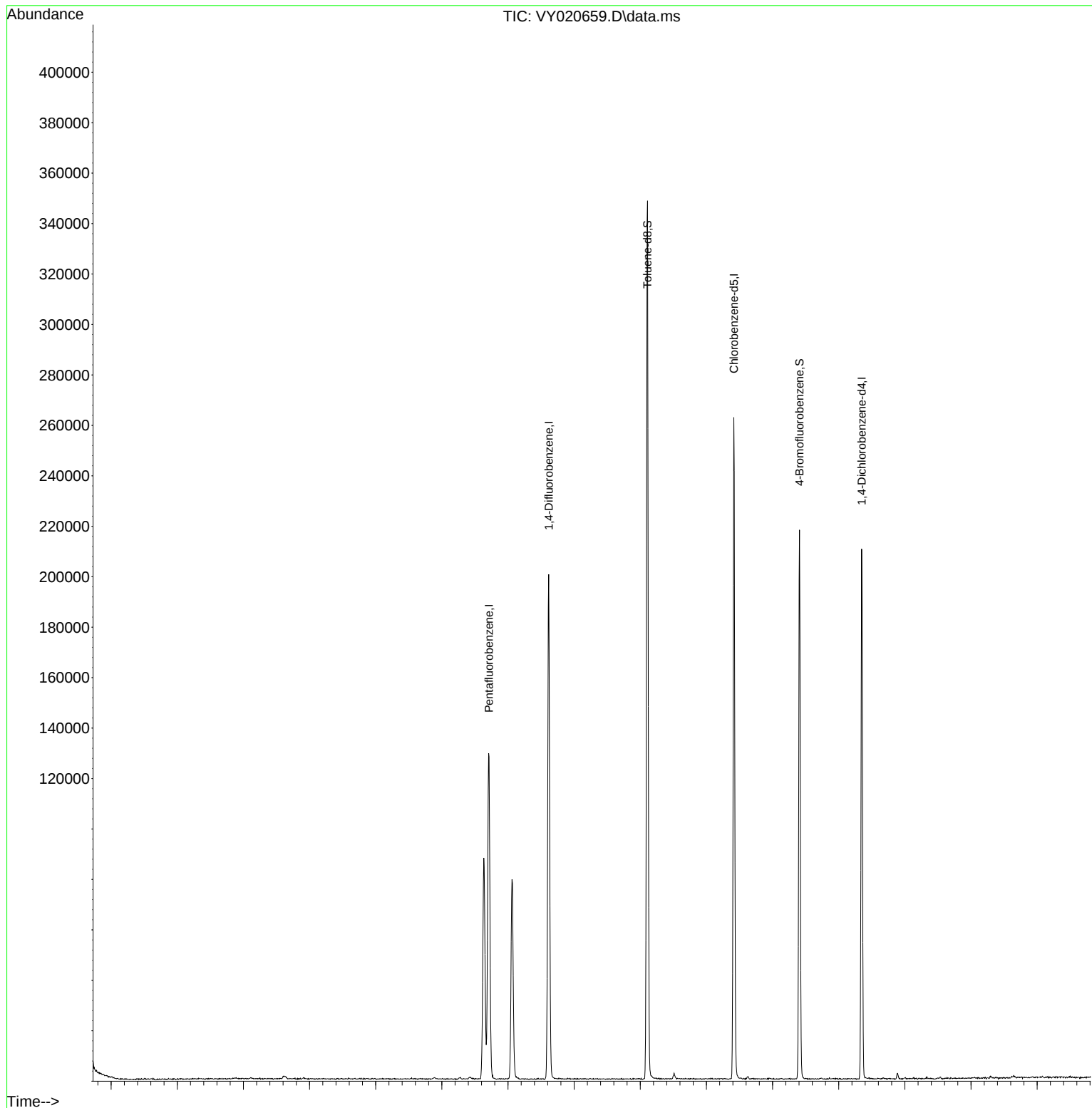
Target Compounds	Qvalue

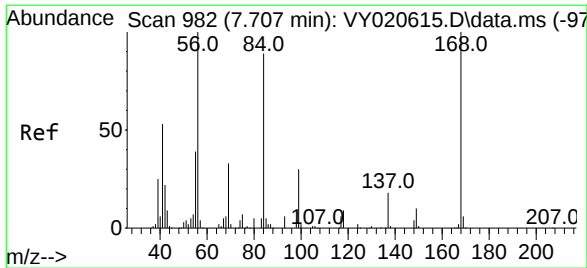
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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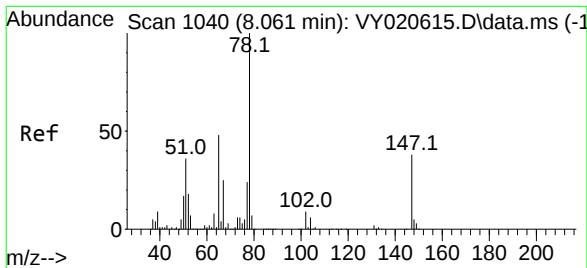
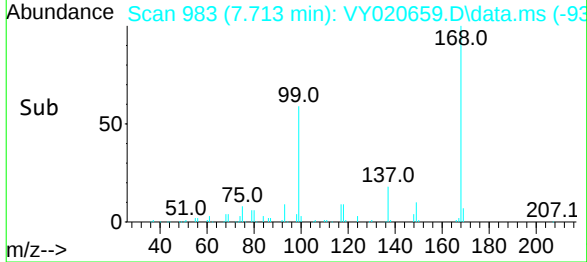
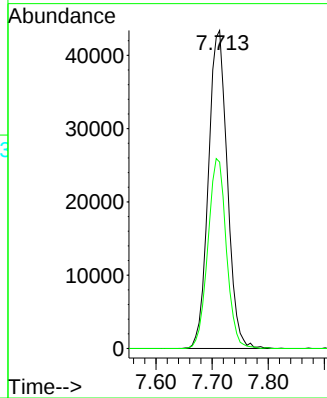
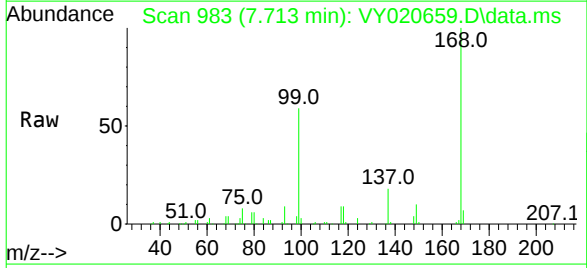




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

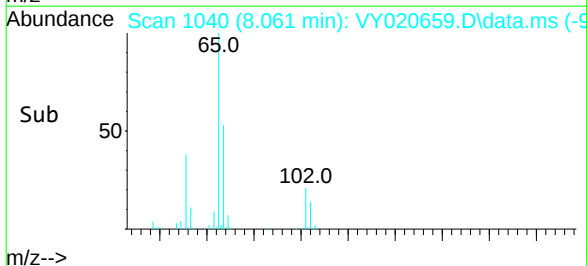
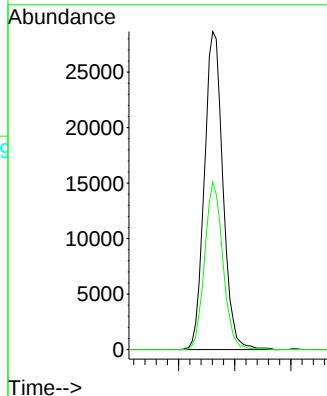
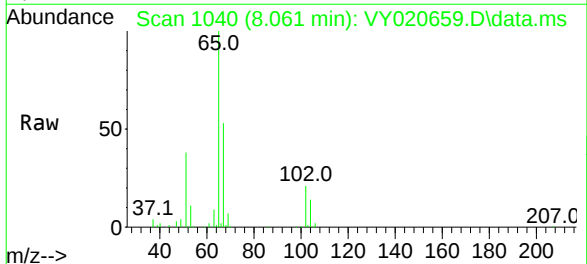
Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

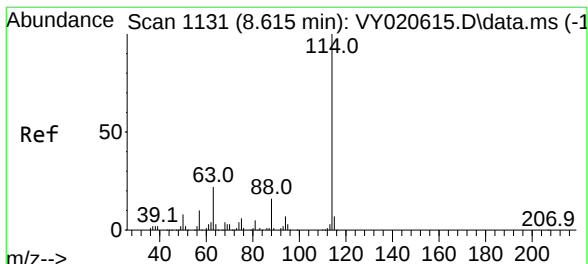
Tgt Ion:168 Resp: 101451
Ion Ratio Lower Upper
168 100
99 58.6 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 59.182 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion: 65 Resp: 65757
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.0

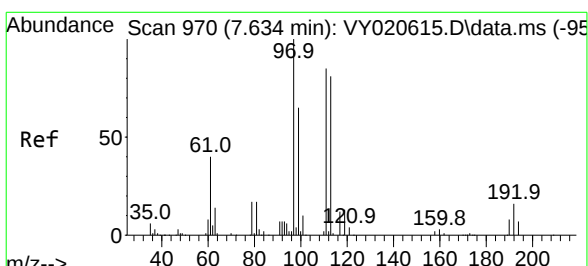
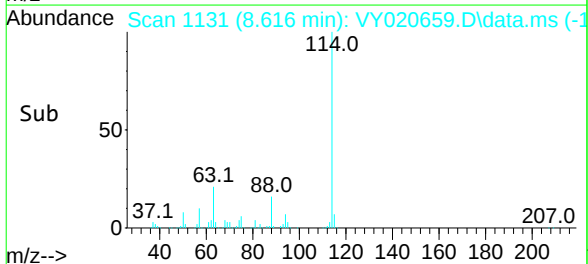
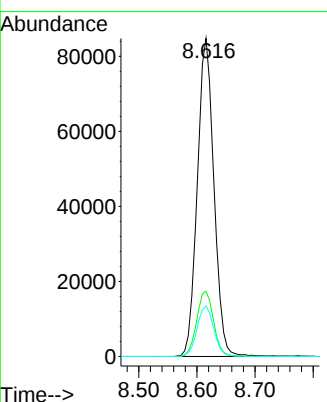
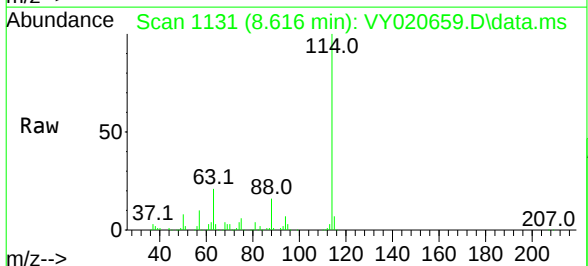




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020659.D
 Acq: 19 Dec 2024 16:46

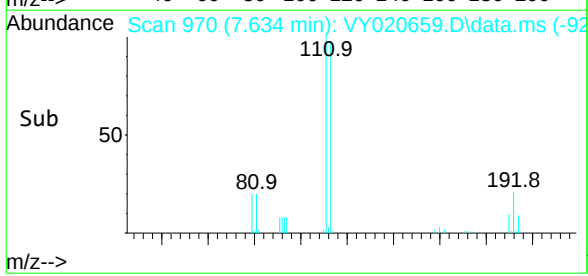
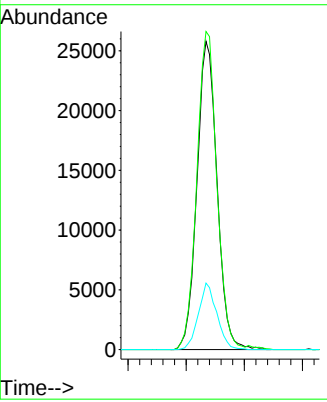
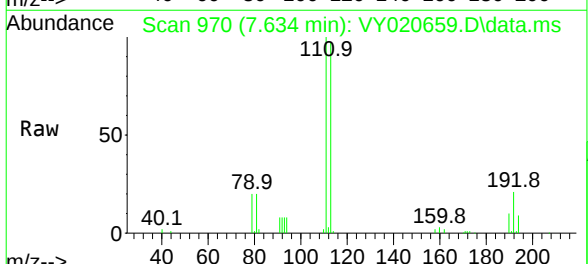
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ210

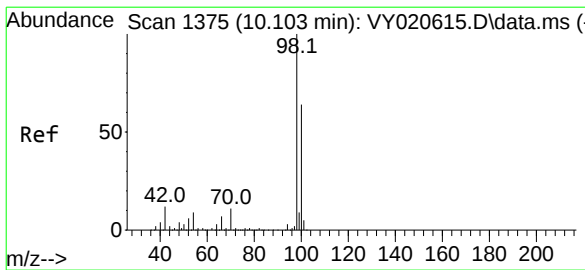
Tgt Ion:	114	Resp:	168414
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.0
88	15.8	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 52.282 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020659.D
 Acq: 19 Dec 2024 16:46

Tgt Ion:	113	Resp:	62056
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	19.8	15.7	23.5





#50

Toluene-d8

Concen: 55.429 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

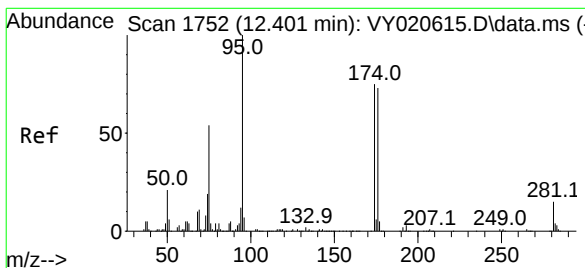
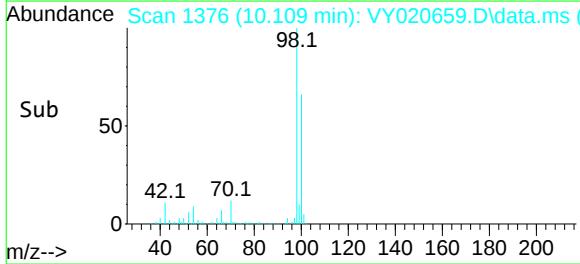
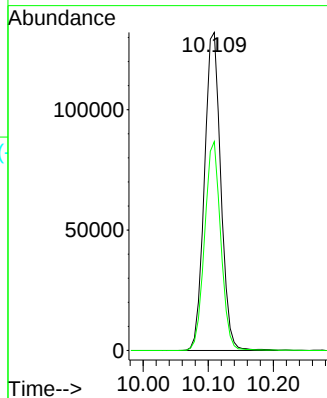
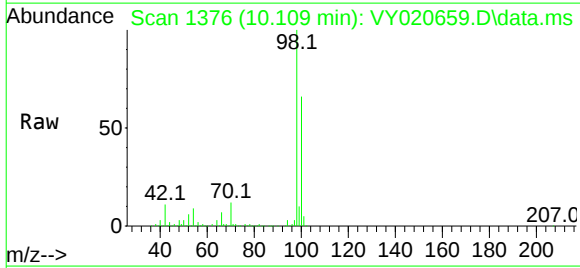
VNJ210

Tgt Ion: 98 Resp: 230278

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 41.094 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

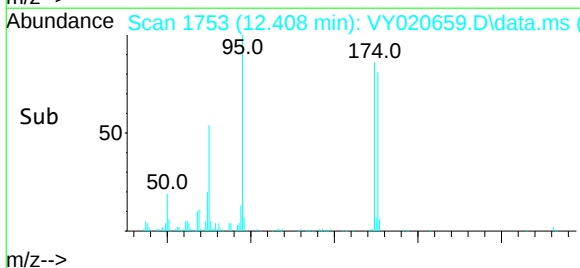
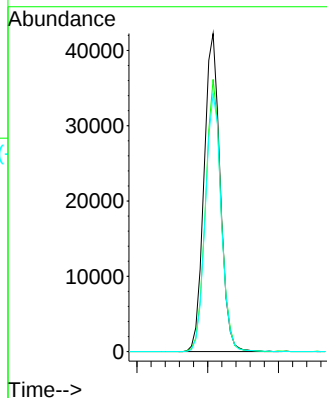
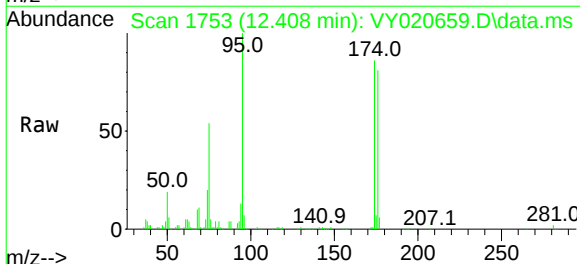
Tgt Ion: 95 Resp: 66783

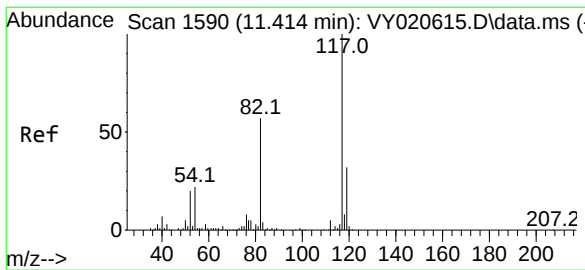
Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.8

176 80.2 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VNJ210

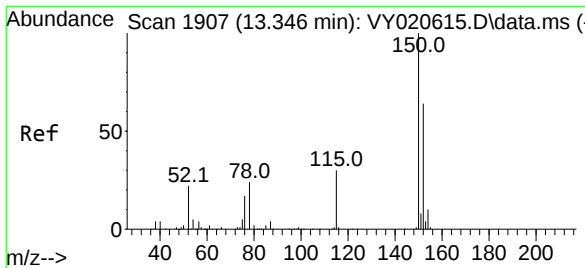
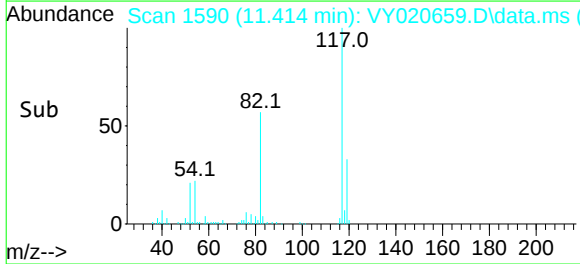
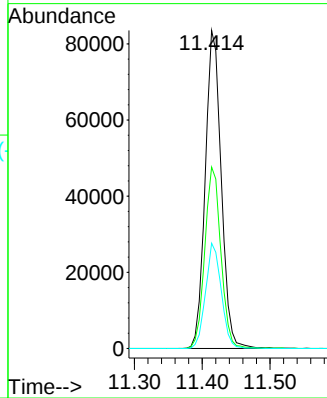
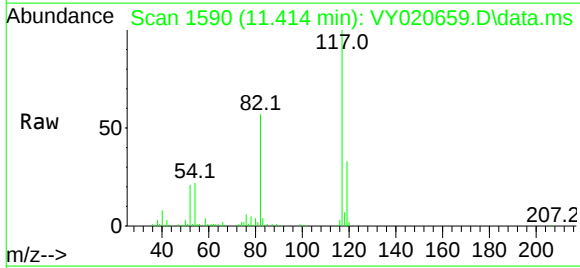
Tgt Ion:117 Resp: 136761

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.6

119 33.1 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

Tgt Ion:152 Resp: 51565

Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

150 158.1 0.0 355.4

