

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020632.D
 Acq On : 18 Dec 2024 13:44
 Operator : SY/MD
 Sample : P5287-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONES-B

Quant Time: Dec 18 14:22:17 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	7.707	168	185231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	328091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	269172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	103433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98437	48.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.040%
35) Dibromofluoromethane	7.634	113	101599	43.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.880%
50) Toluene-d8	10.103	98	386913	47.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.402	95	113961	35.996	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	72.000%

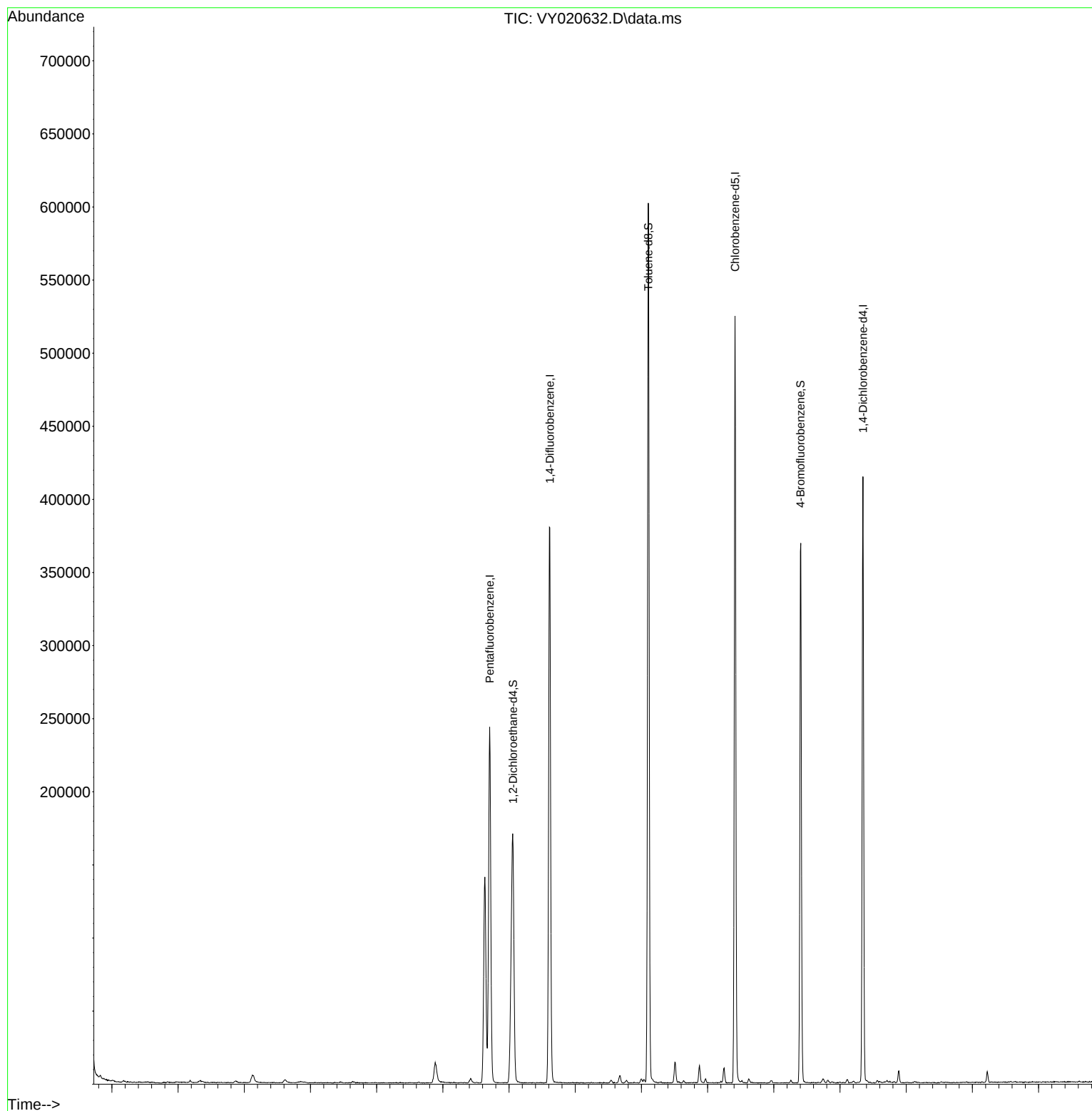
Target Compounds	Qvalue

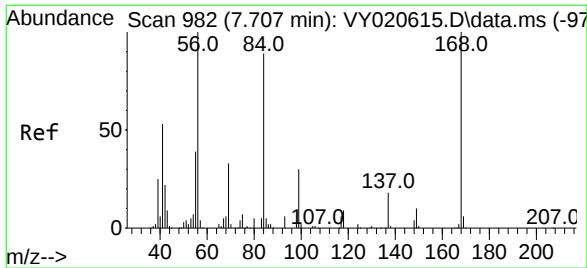
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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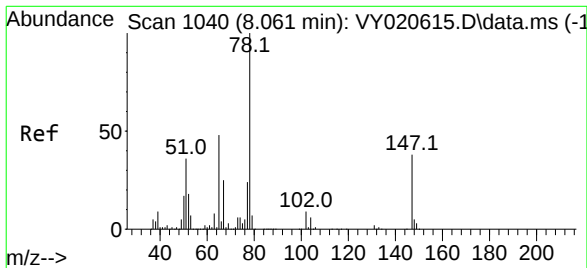
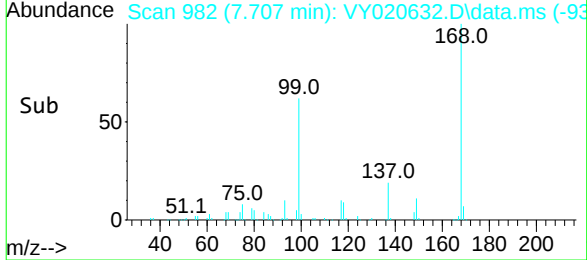
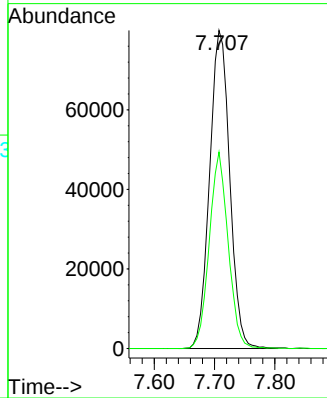
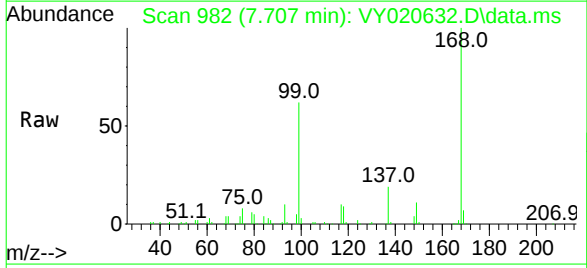




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020632.D
Acq: 18 Dec 2024 13:44

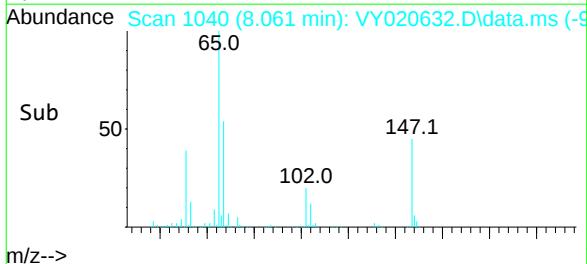
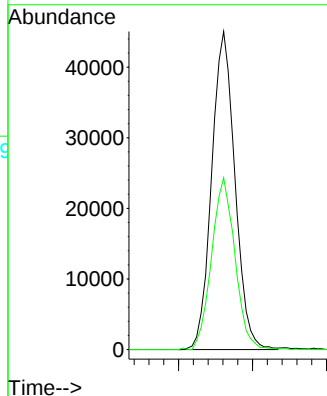
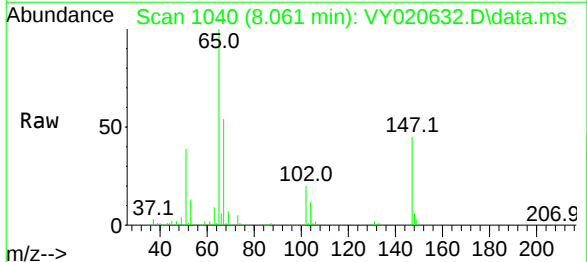
Instrument :
MSVOA_Y
ClientSampleId :
STONES-B

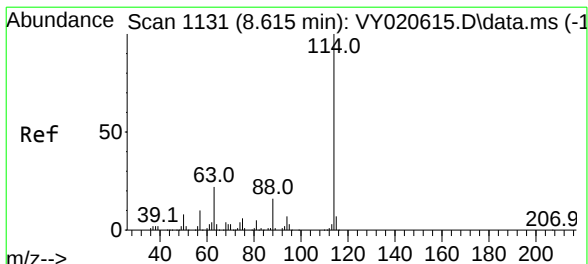
Tgt Ion:168 Resp: 185231
Ion Ratio Lower Upper
168 100
99 61.8 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 48.523 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020632.D
Acq: 18 Dec 2024 13:44

Tgt Ion: 65 Resp: 98437
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.0

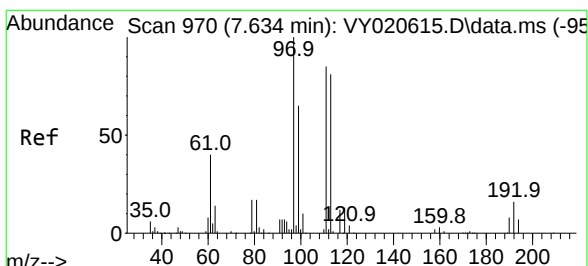
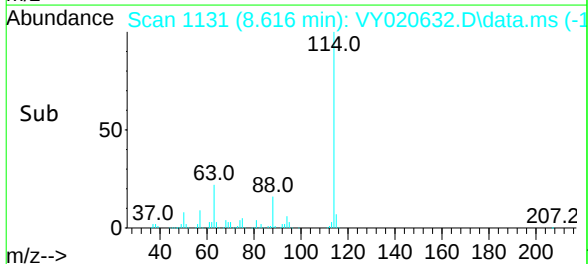
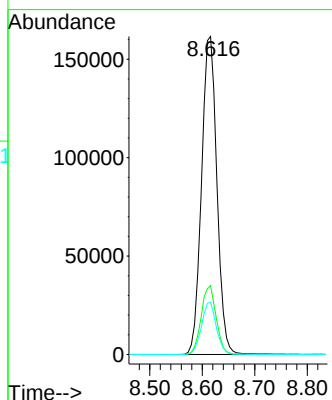
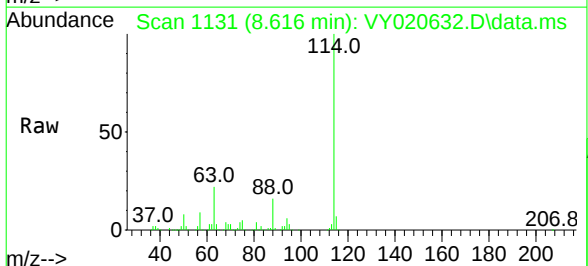




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020632.D
 Acq: 18 Dec 2024 13:44

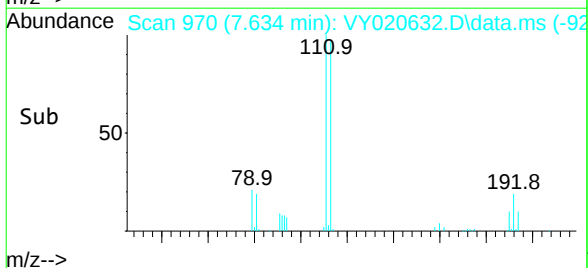
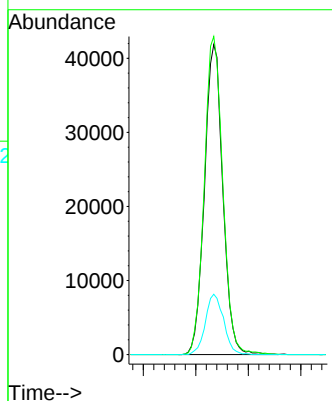
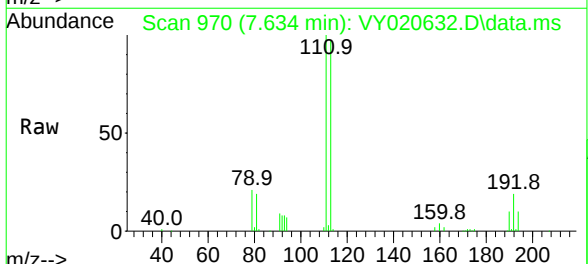
Instrument :
 MSVOA_Y
 ClientSampleId :
 STONES-B

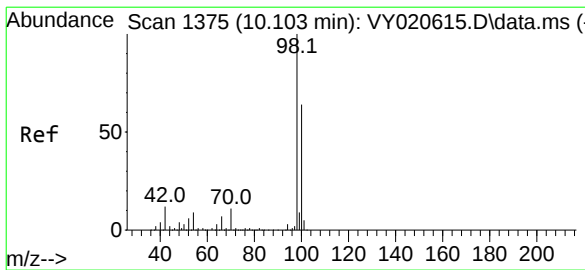
Tgt Ion:	114	Resp:	328091
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.5	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 43.938 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020632.D
 Acq: 18 Dec 2024 13:44

Tgt Ion:	113	Resp:	101599
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	19.4	15.7	23.5





#50

Toluene-d8

Concen: 47.806 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020632.D

Acq: 18 Dec 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

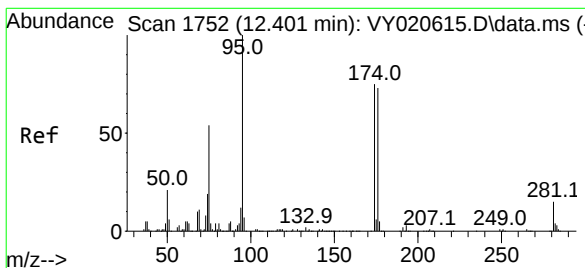
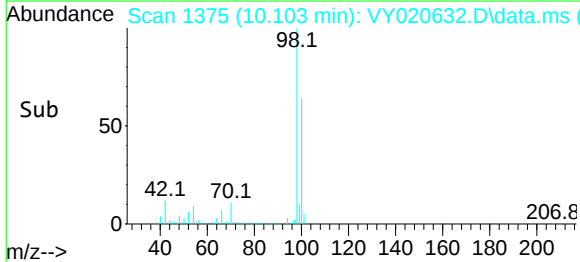
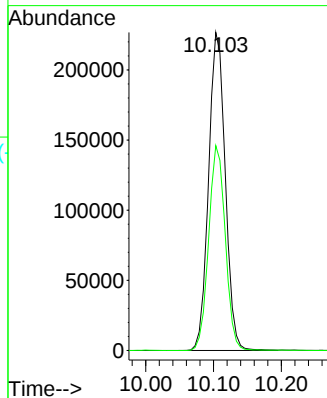
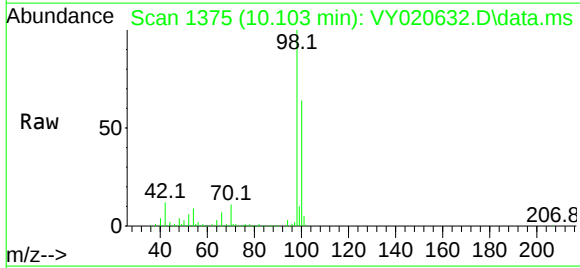
STONES-B

Tgt Ion: 98 Resp: 386913

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 35.996 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020632.D

Acq: 18 Dec 2024 13:44

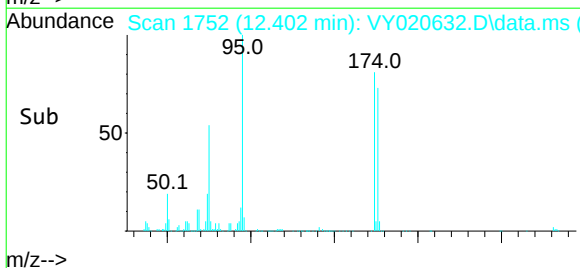
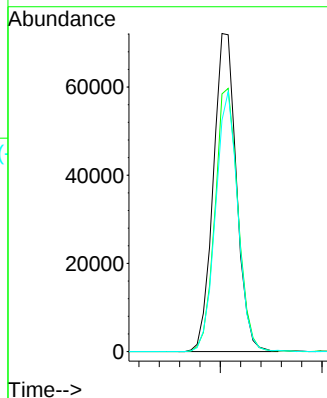
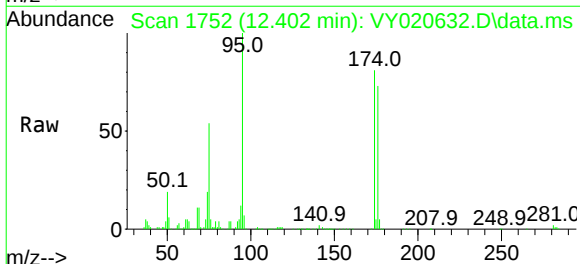
Tgt Ion: 95 Resp: 113961

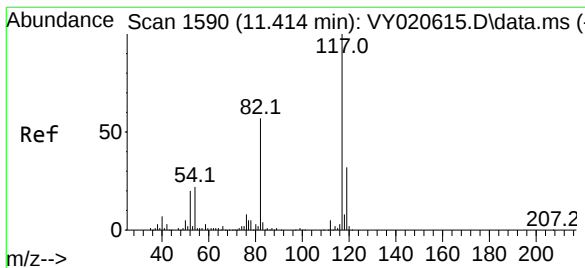
Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.8

176 78.8 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: VY020632.D

Acq: 18 Dec 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

STONES-B

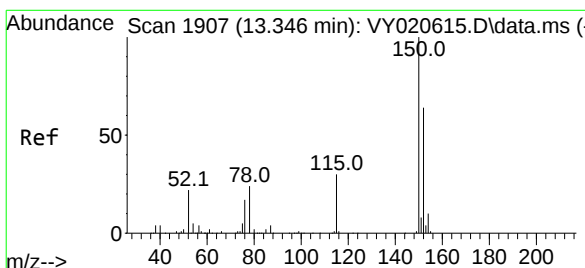
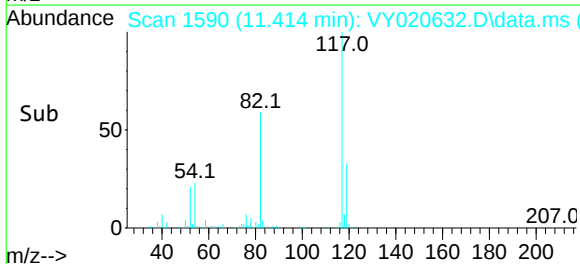
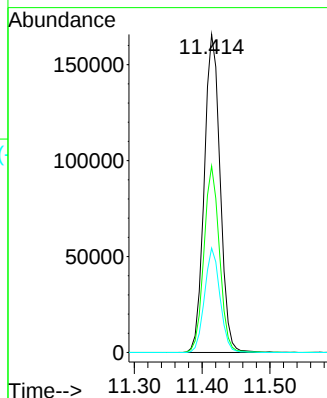
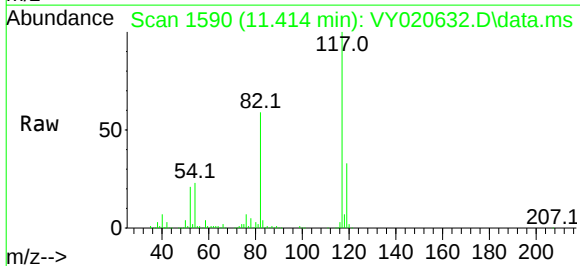
Tgt Ion:117 Resp: 269172

Ion Ratio Lower Upper

117 100

82 58.6 45.8 68.6

119 32.8 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020632.D

Acq: 18 Dec 2024 13:44

Tgt Ion:152 Resp: 103433

Ion Ratio Lower Upper

152 100

115 59.2 30.2 90.6

150 157.1 0.0 355.4

