

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019357.D
 Acq On : 29 Aug 2024 04:40
 Operator : SY/MD
 Sample : P3737-04
 Misc : 4.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

Quant Time: Aug 29 05:22:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	175630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	315262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	281274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	93229	52.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.900%
35) Dibromofluoromethane	7.628	113	97729	47.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.820%
50) Toluene-d8	10.103	98	354185	47.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.407	95	109689	43.375	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.760%

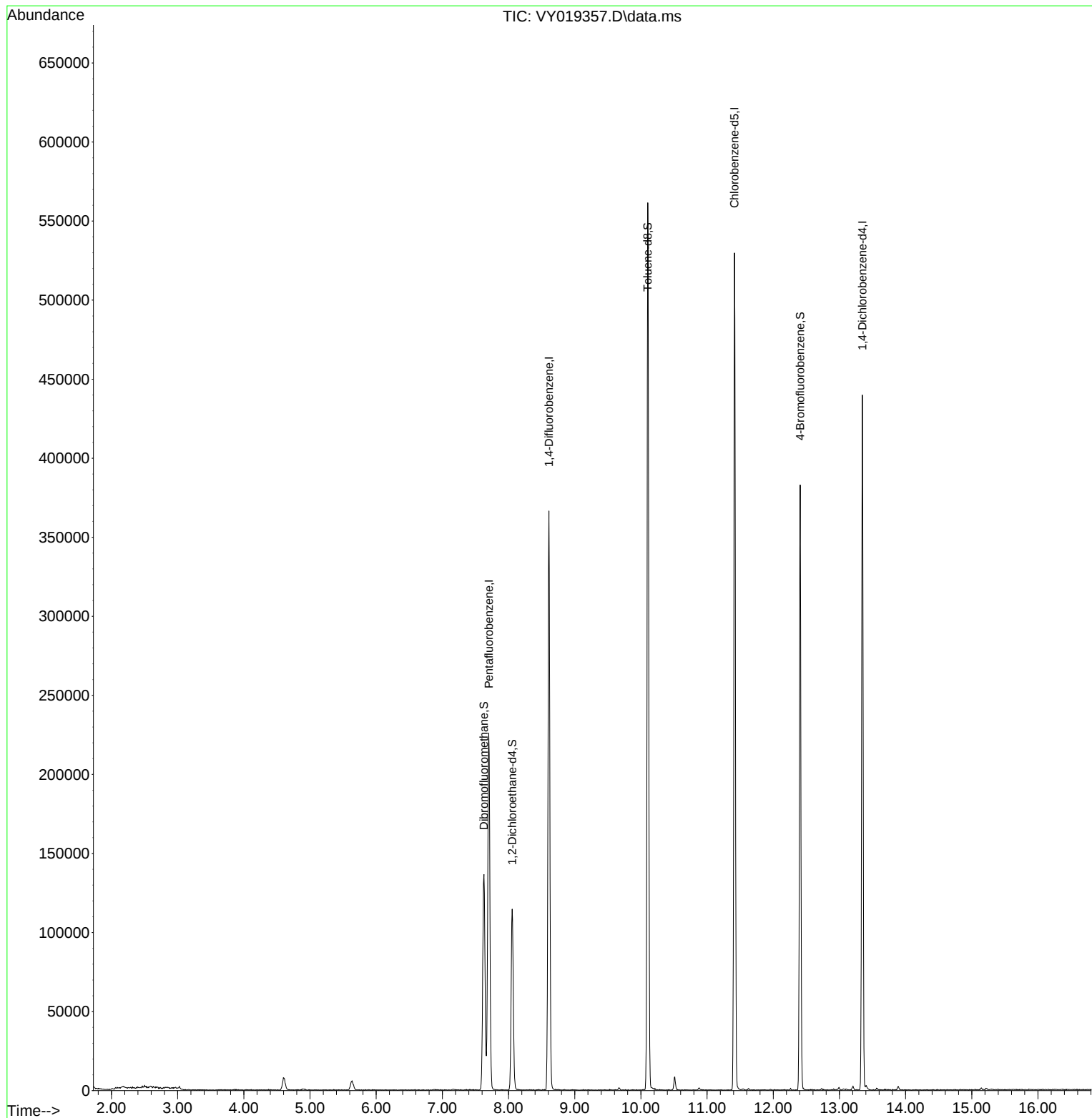
Target Compounds	Qvalue

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

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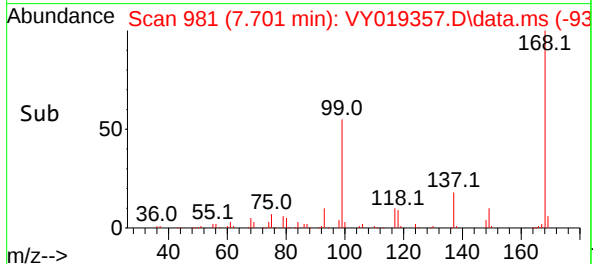
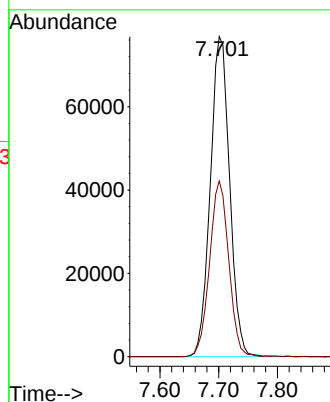
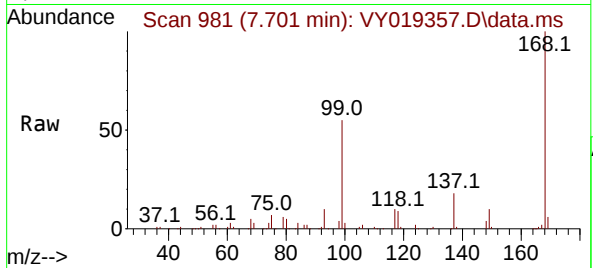




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

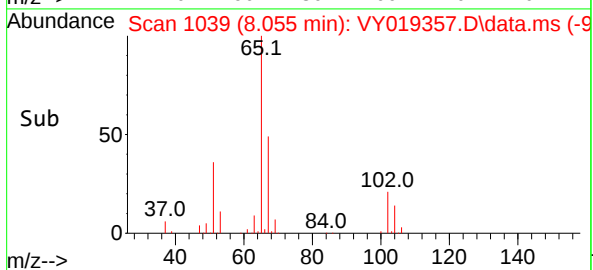
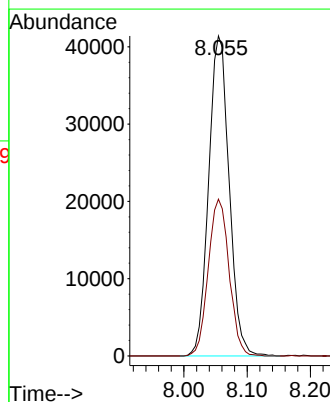
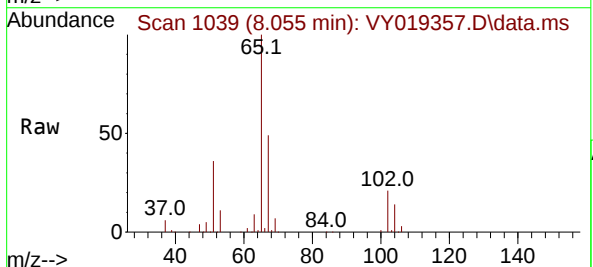
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

Tgt Ion:168 Resp: 175630
Ion Ratio Lower Upper
168 100
99 54.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.954 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

Tgt Ion: 65 Resp: 93229
Ion Ratio Lower Upper
65 100
67 49.9 0.0 109.6

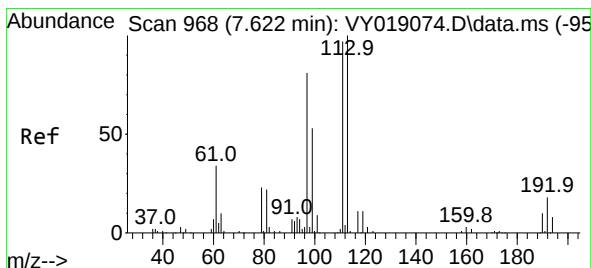
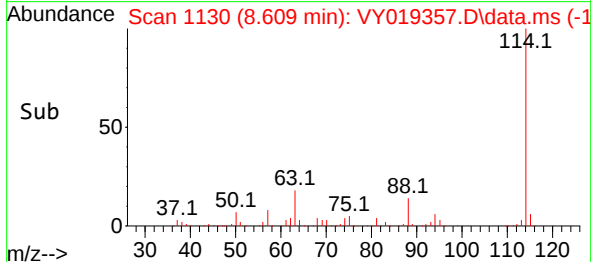
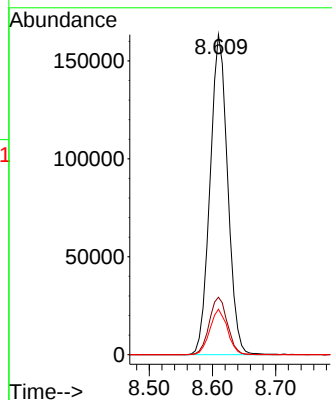
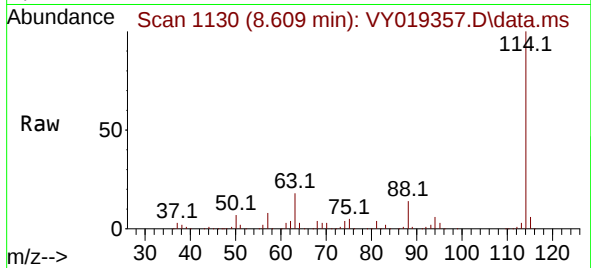




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

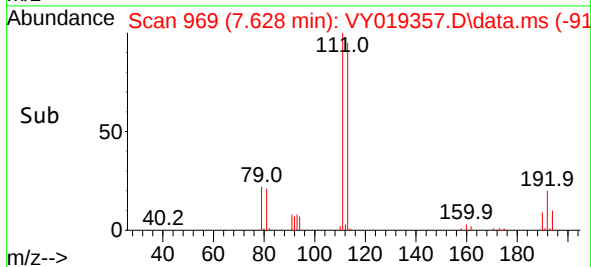
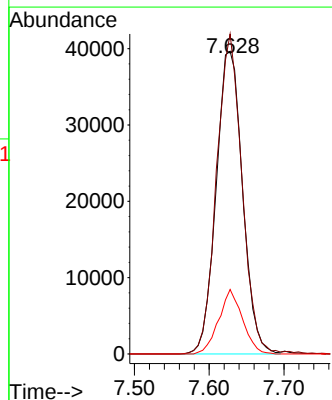
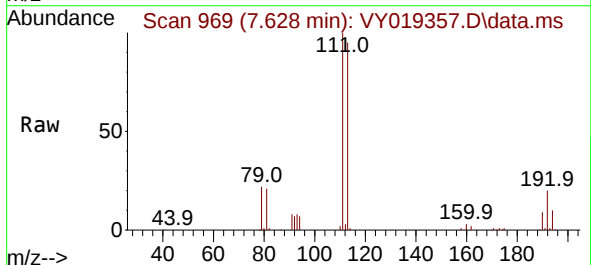
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

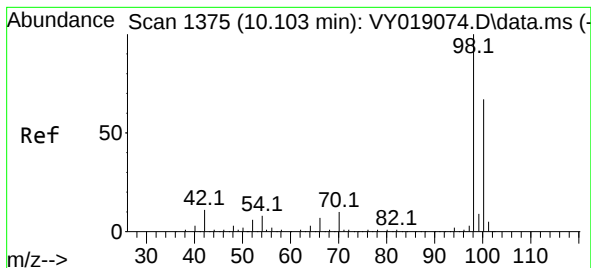
Tgt Ion:114 Resp: 315262
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.410 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

Tgt Ion:113 Resp: 97729
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 19.1 15.9 23.9

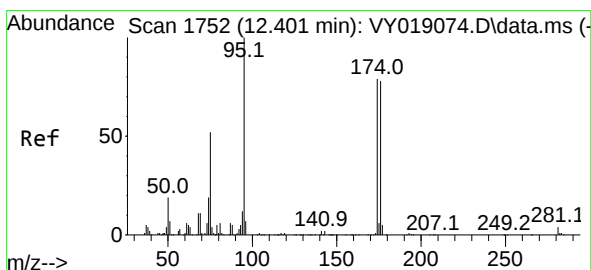
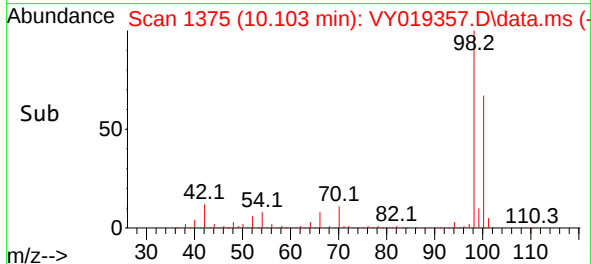
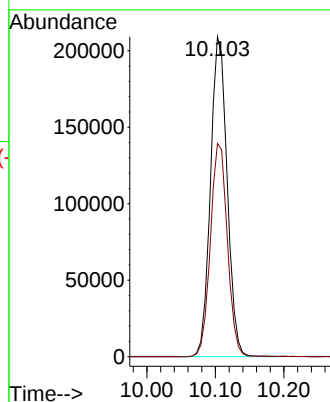
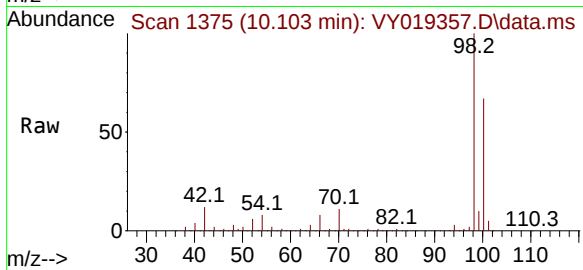




#50
Toluene-d8
Concen: 47.746 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

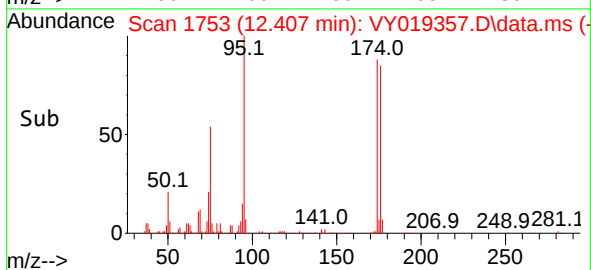
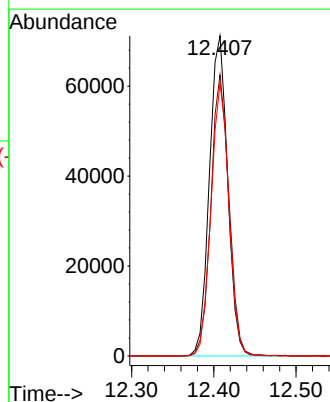
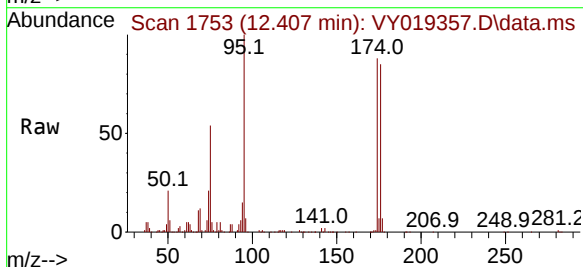
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

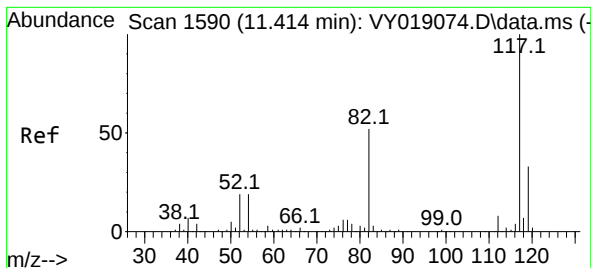
Tgt Ion: 98 Resp: 354185
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.375 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

Tgt Ion: 95 Resp: 109689
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.6
176 83.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019357.D

Acq: 29 Aug 2024 04:40

Instrument :

MSVOA_Y

ClientSampleId :

COMP-4

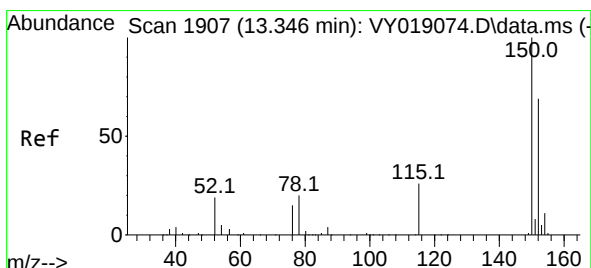
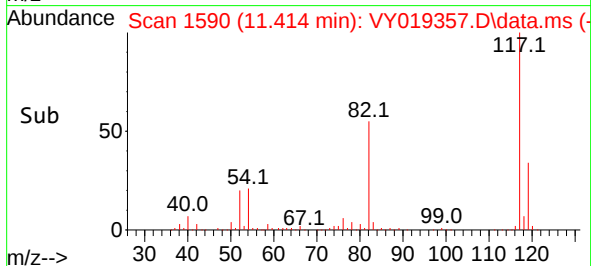
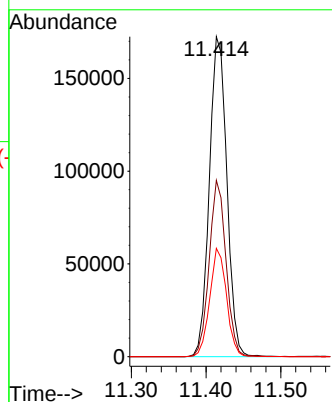
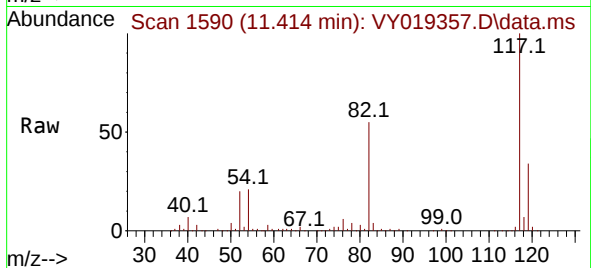
Tgt Ion:117 Resp: 281274

Ion Ratio Lower Upper

117 100

82 55.1 42.4 63.6

119 33.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019357.D

Acq: 29 Aug 2024 04:40

Tgt Ion:152 Resp: 106921

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 159.8 0.0 345.6

