

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019113.D
 Acq On : 19 Aug 2024 13:37
 Operator : SY/MD
 Sample : P3615-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-081424

Quant Time: Aug 19 15:24:10 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	7.695	168	84679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	148029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	138024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	59204	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	42433	49.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.980%
35) Dibromofluoromethane	7.622	113	46064	47.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.180%
50) Toluene-d8	10.103	98	173135	49.707	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.401	95	55362	46.625	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.240%

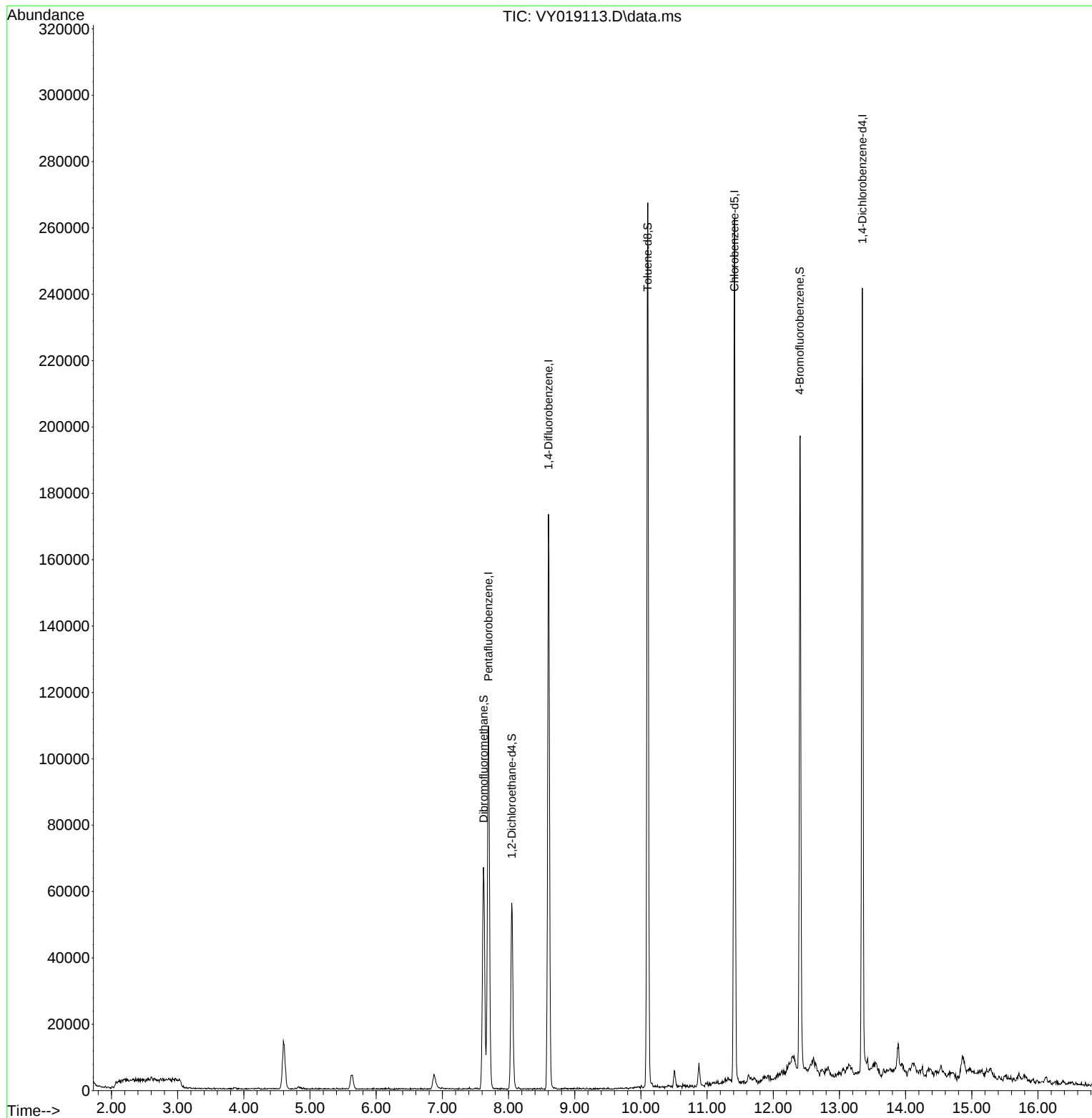
Target Compounds	Qvalue

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

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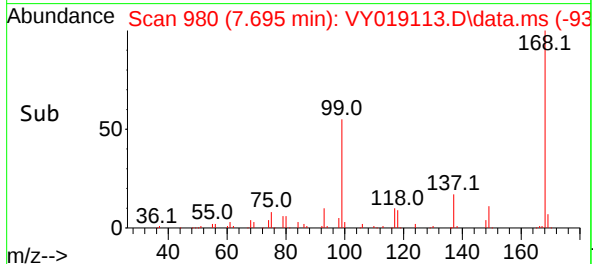
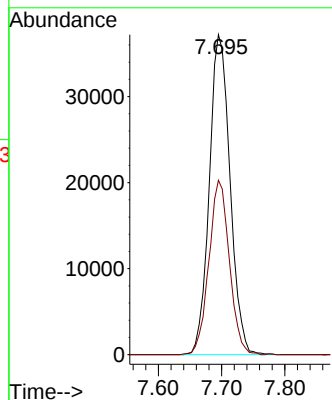
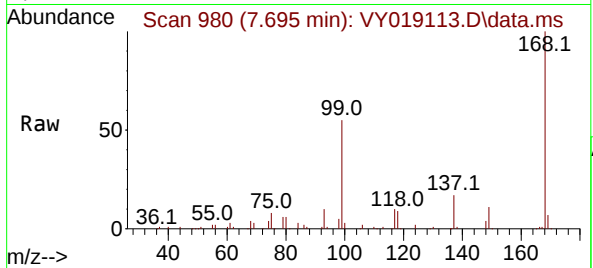




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

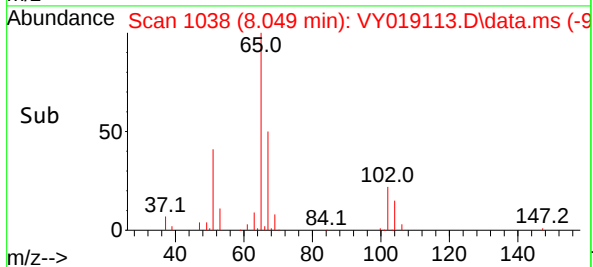
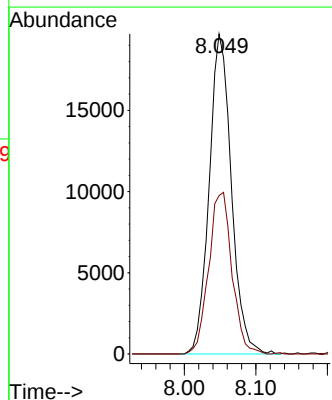
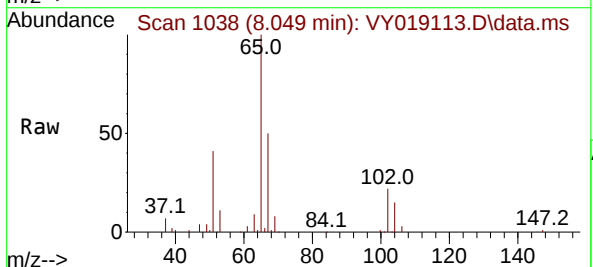
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-081424

Tgt Ion:168 Resp: 84679
Ion Ratio Lower Upper
168 100
99 54.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.989 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

Tgt Ion: 65 Resp: 42433
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6

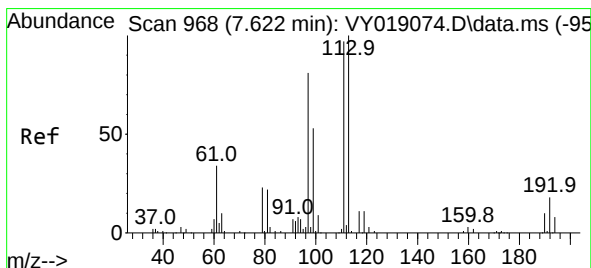
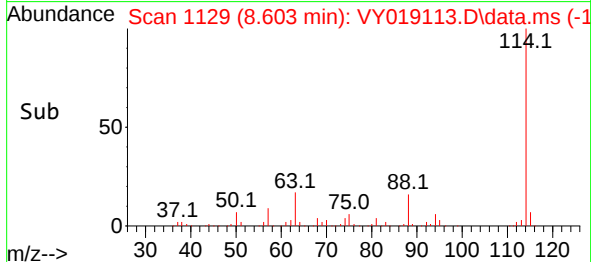
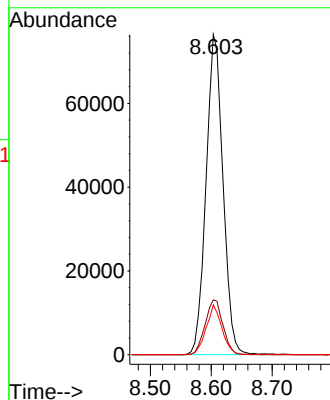
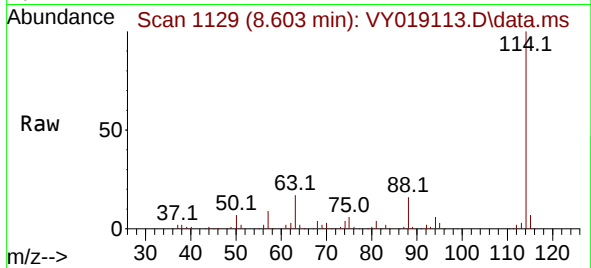




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

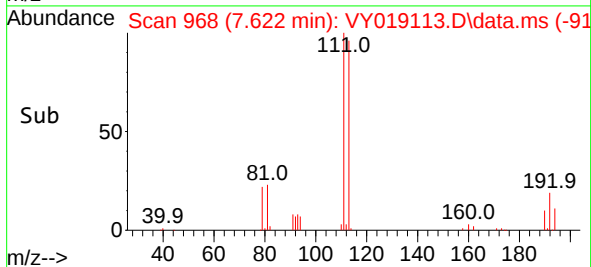
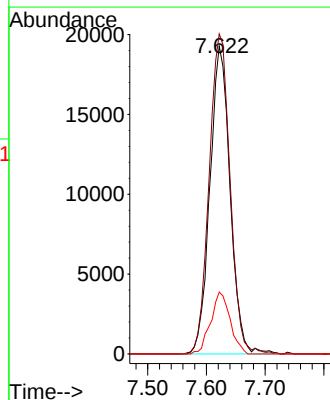
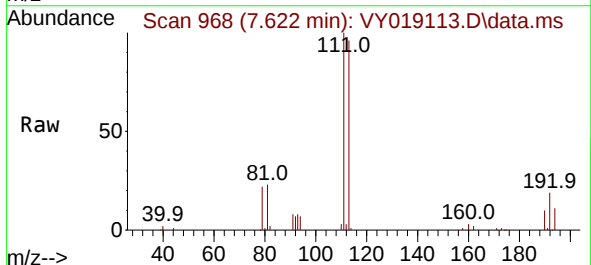
Instrument :
MSVOA_Y
ClientSampleId :
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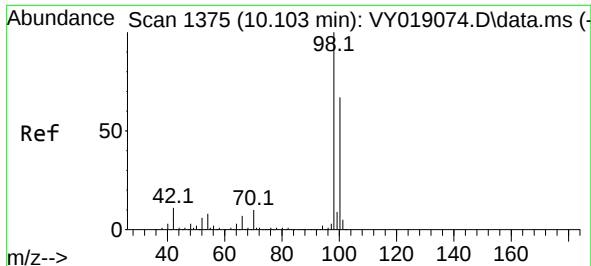
Tgt Ion:114 Resp: 148029
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 15.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.592 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

Tgt Ion:113 Resp: 46064
Ion Ratio Lower Upper
113 100
111 107.5 82.2 123.4
192 19.3 15.9 23.9

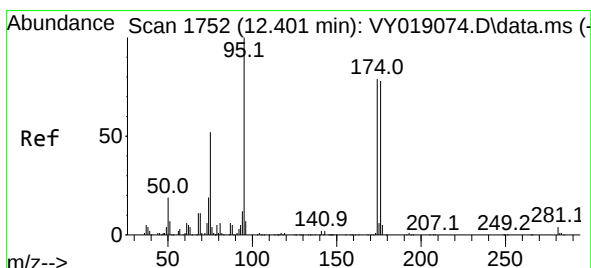
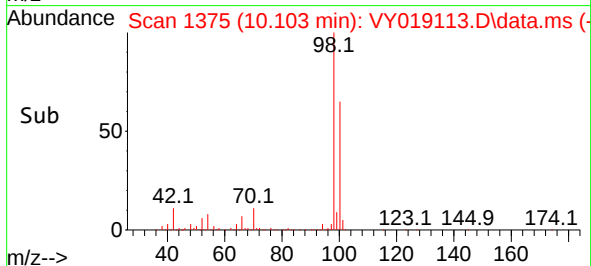
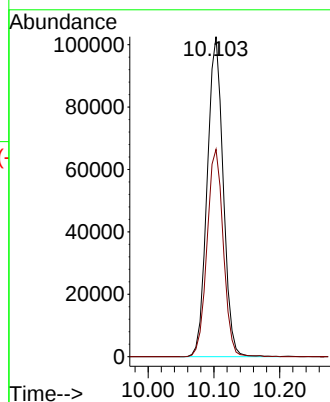
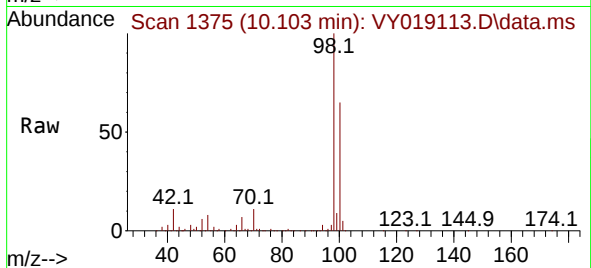




#50
Toluene-d8
Concen: 49.707 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

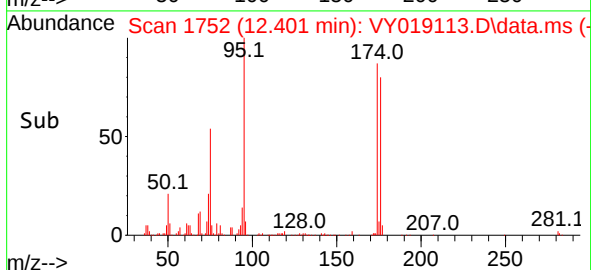
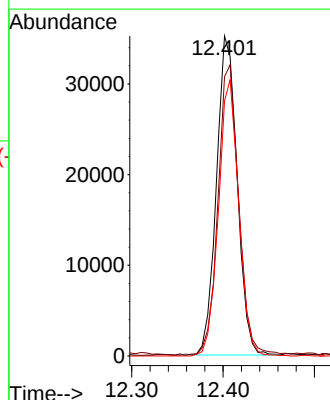
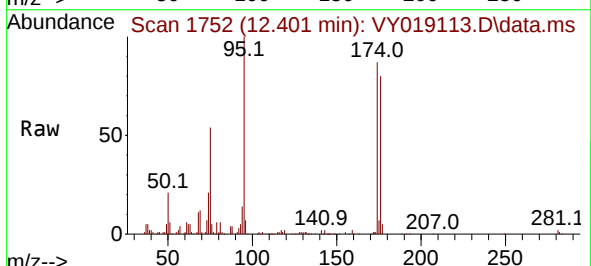
Instrument :
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ClientSampleId :
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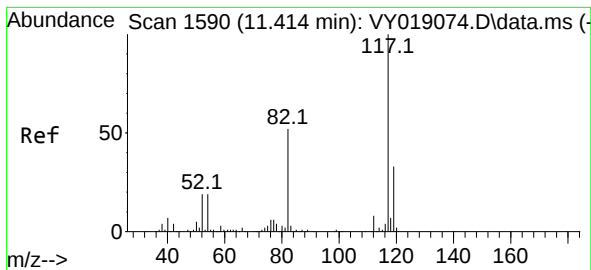
Tgt Ion: 98 Resp: 173135
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.625 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019113.D
Acq: 19 Aug 2024 13:37

Tgt Ion: 95 Resp: 55362
Ion Ratio Lower Upper
95 100
174 91.5 0.0 175.6
176 84.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019113.D

Acq: 19 Aug 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-081424

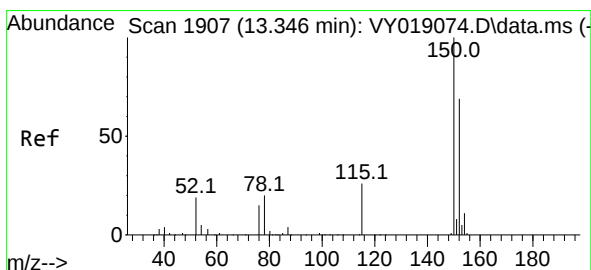
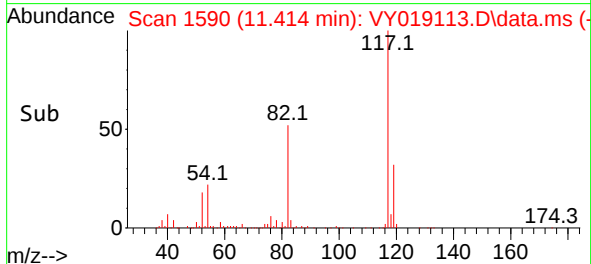
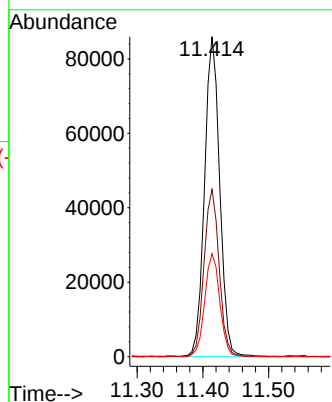
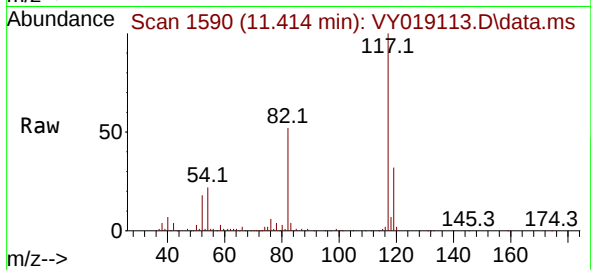
Tgt Ion:117 Resp: 138024

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 32.2 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: VY019113.D

Acq: 19 Aug 2024 13:37

Tgt Ion:152 Resp: 59204

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 154.3 0.0 345.6

