

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019608.D
 Acq On : 18 Sep 2024 16:08
 Operator : SY/MD
 Sample : P4087-03
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-01

Quant Time: Sep 19 01:26:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	316501	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	614897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	553342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	206510	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	195996	66.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.760%
35) Dibromofluoromethane	7.634	113	195734	56.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.280%
50) Toluene-d8	10.109	98	736903	57.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.300%
62) 4-Bromofluorobenzene	12.401	95	235871	47.571	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.140%

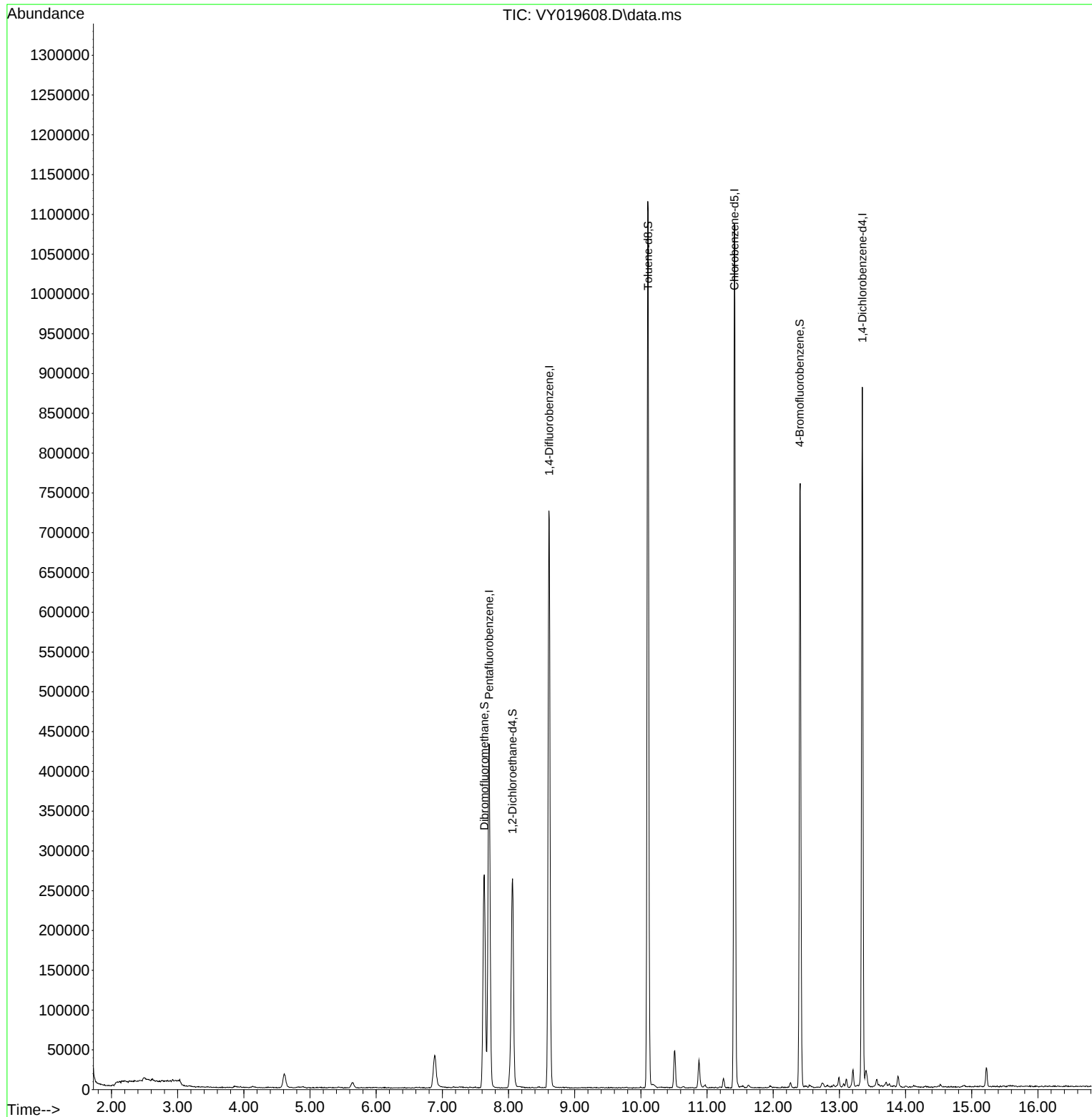
Target Compounds	Qvalue

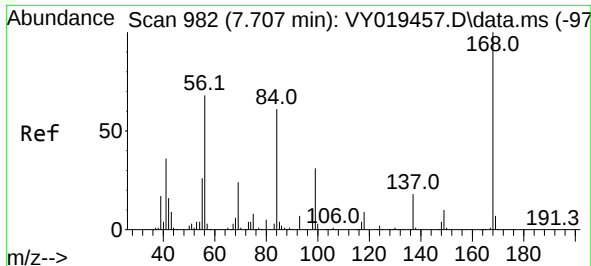
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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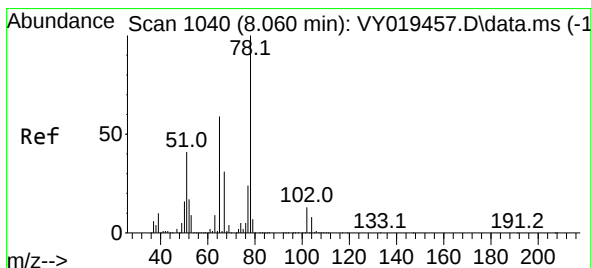
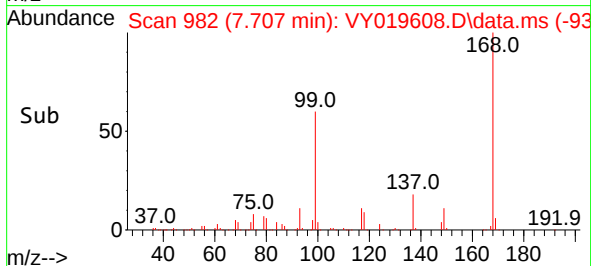
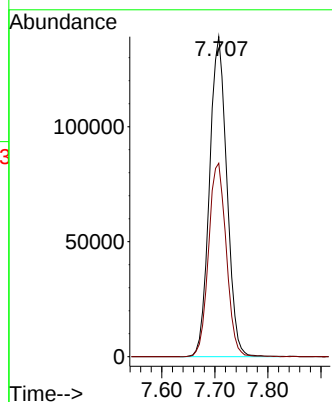
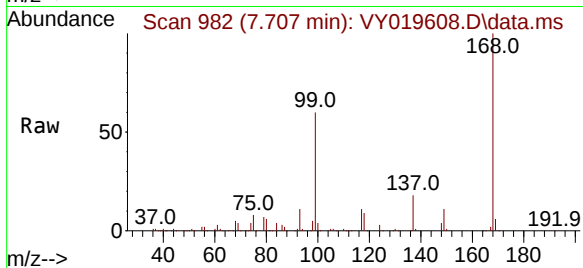




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019608.D
Acq: 18 Sep 2024 16:08

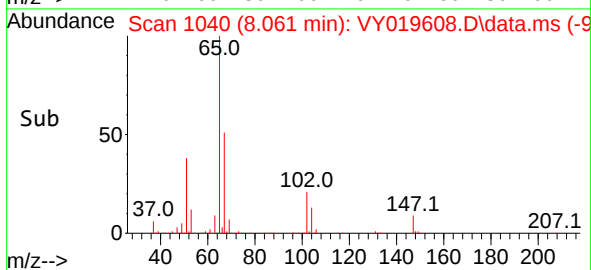
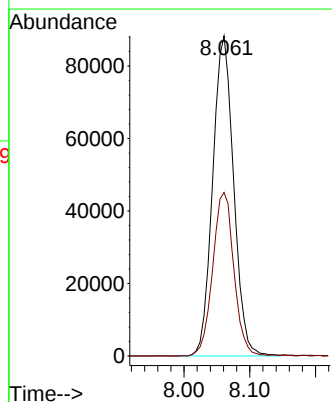
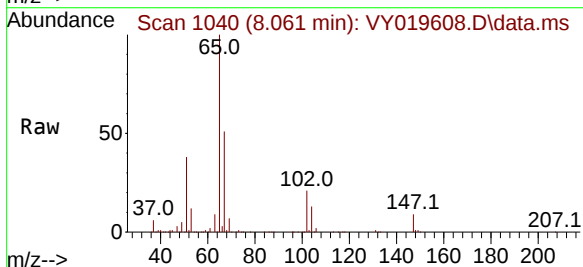
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-01

Tgt Ion:168 Resp: 316501
Ion Ratio Lower Upper
168 100
99 60.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 66.876 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019608.D
Acq: 18 Sep 2024 16:08

Tgt Ion: 65 Resp: 195996
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6

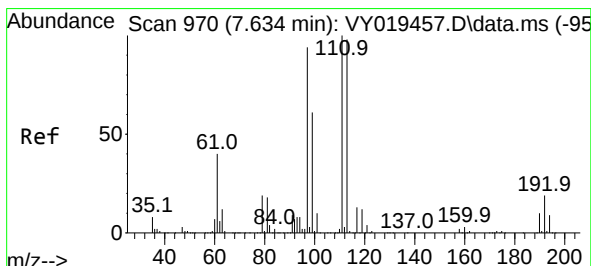
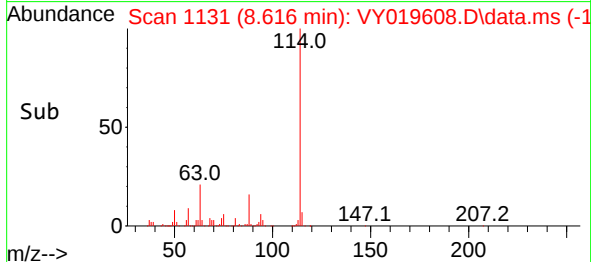
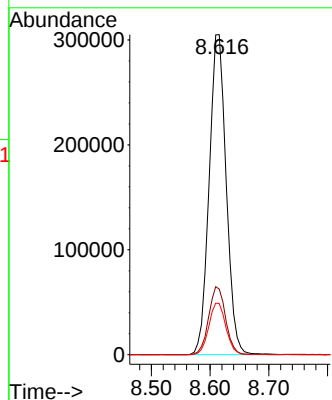
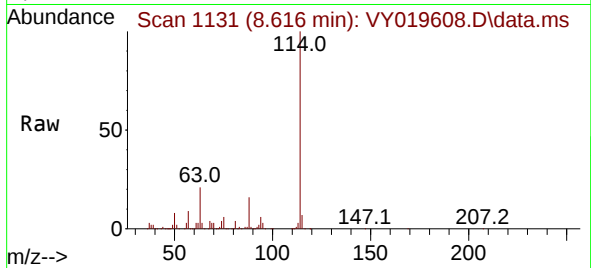




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019608.D
Acq: 18 Sep 2024 16:08

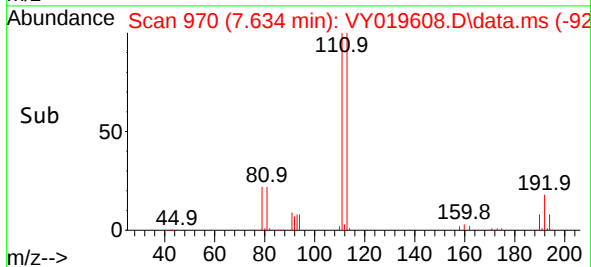
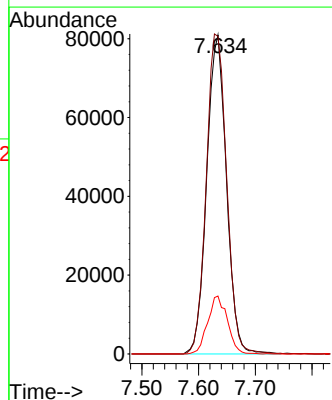
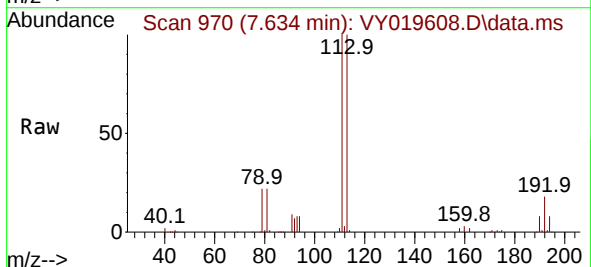
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-01

Tgt Ion:114 Resp: 614897
Ion Ratio Lower Upper
114 100
63 20.5 0.0 35.0
88 16.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.143 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019608.D
Acq: 18 Sep 2024 16:08

Tgt Ion:113 Resp: 195734
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 18.1 15.9 23.9

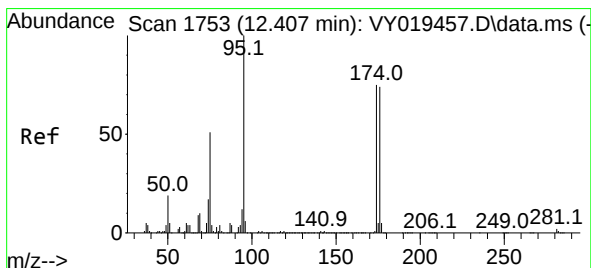
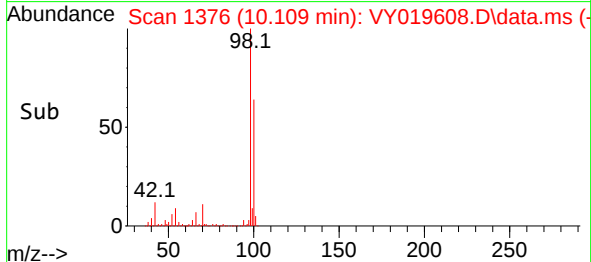
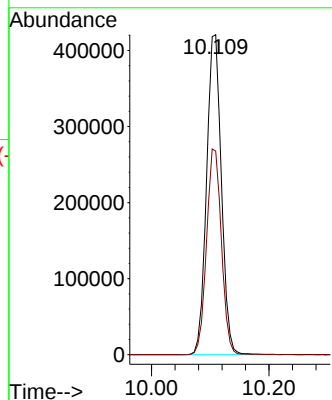
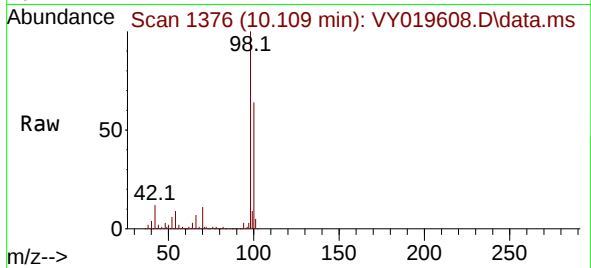




#50
Toluene-d8
Concen: 57.146 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019608.D
Acq: 18 Sep 2024 16:08

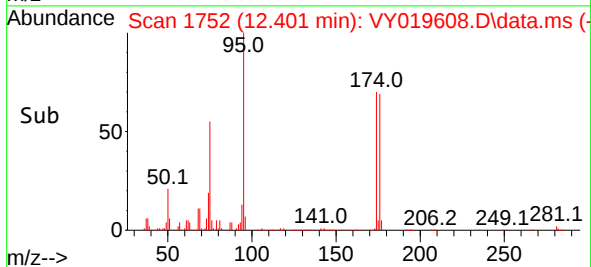
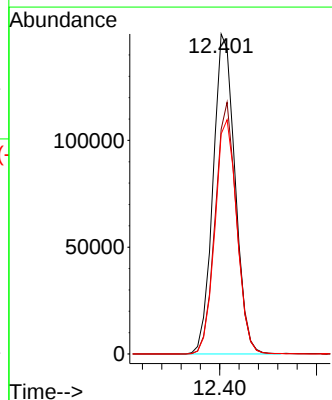
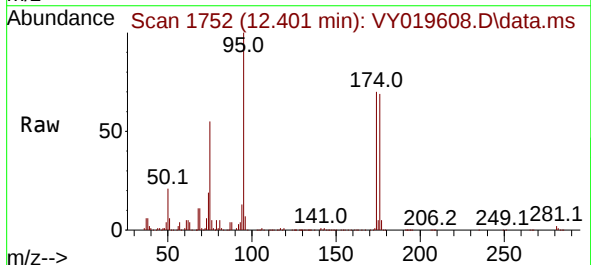
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-01

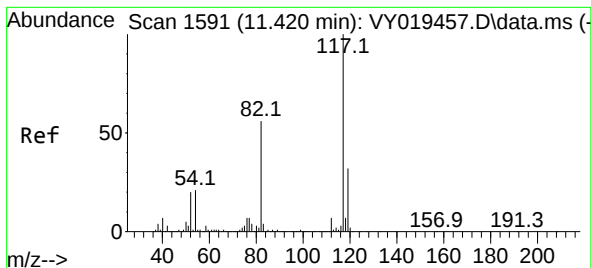
Tgt Ion: 98 Resp: 736903
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019608.D
Acq: 18 Sep 2024 16:08

Tgt Ion: 95 Resp: 235871
Ion Ratio Lower Upper
95 100
174 76.3 0.0 175.6
176 73.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019608.D

Acq: 18 Sep 2024 16:08

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-01

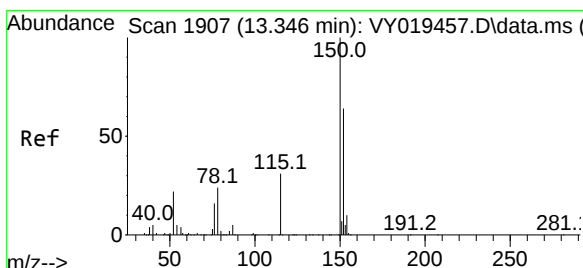
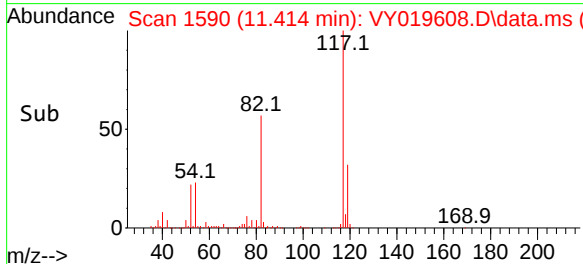
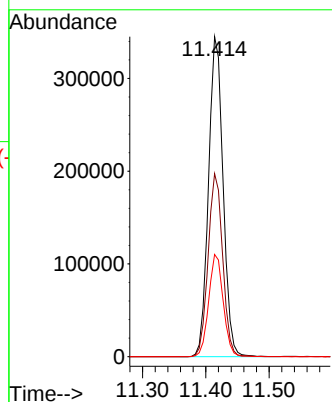
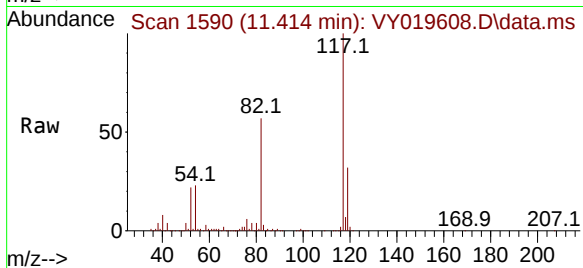
Tgt Ion:117 Resp: 553342

Ion Ratio Lower Upper

117 100

82 57.2 42.4 63.6

119 32.0 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: VY019608.D

Acq: 18 Sep 2024 16:08

Tgt Ion:152 Resp: 206510

Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 155.6 0.0 345.6

