

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019611.D
 Acq On : 18 Sep 2024 17:18
 Operator : SY/MD
 Sample : P4087-21
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-04

Quant Time: Sep 19 01:26:52 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	289379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	544917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	476003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	178054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	178280	66.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.060%
35) Dibromofluoromethane	7.634	113	170810	55.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.580%
50) Toluene-d8	10.103	98	647812	56.688	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.380%
62) 4-Bromofluorobenzene	12.408	95	205681	46.809	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.620%

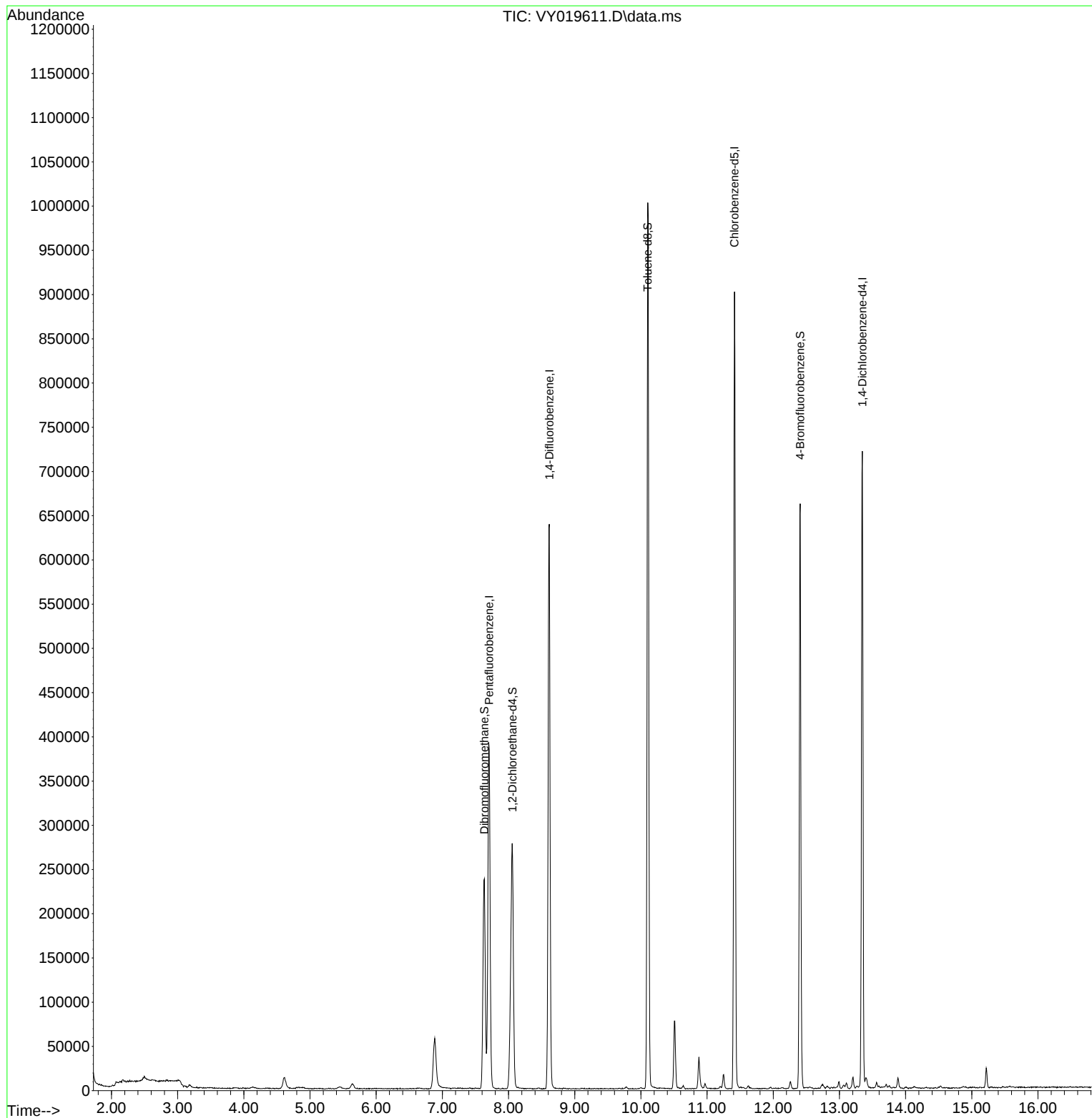
Target Compounds	Qvalue

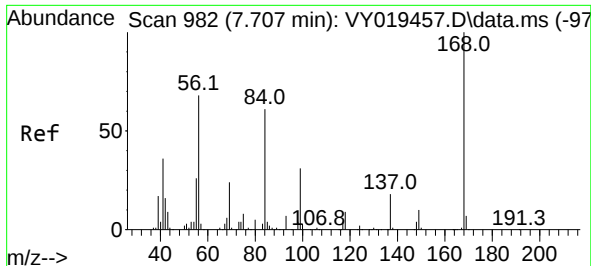
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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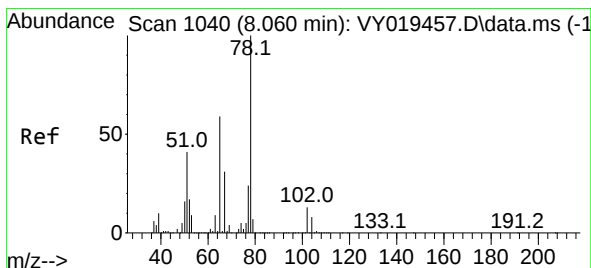
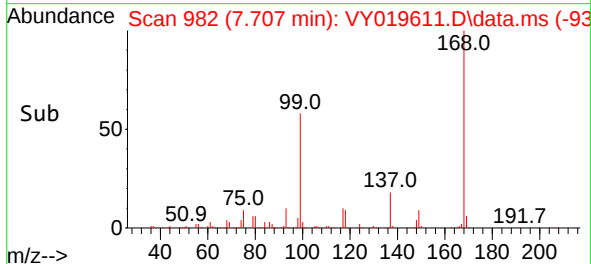
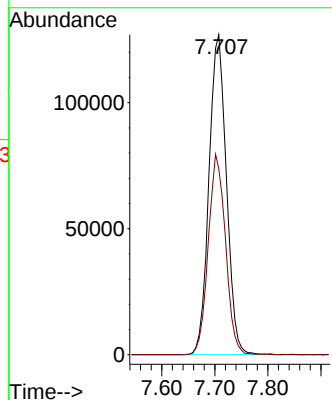
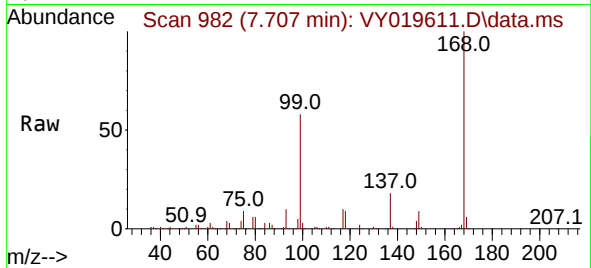




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019611.D
Acq: 18 Sep 2024 17:18

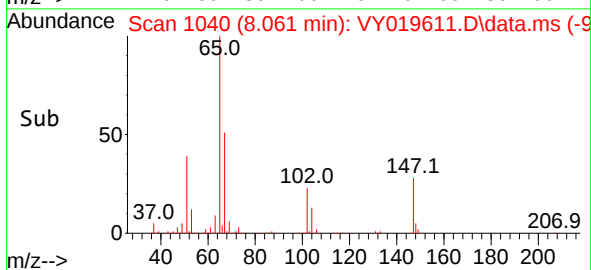
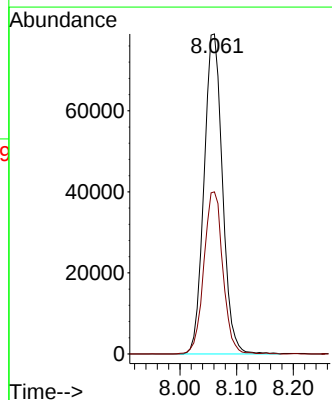
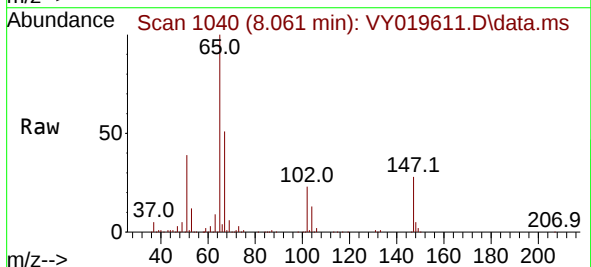
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-04

Tgt Ion:168 Resp: 289379
Ion Ratio Lower Upper
168 100
99 58.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 66.533 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019611.D
Acq: 18 Sep 2024 17:18

Tgt Ion: 65 Resp: 178280
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

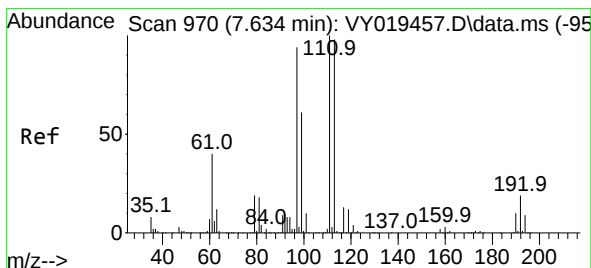
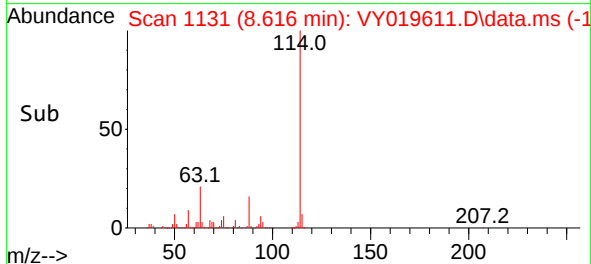
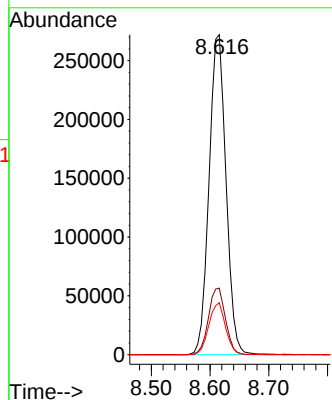
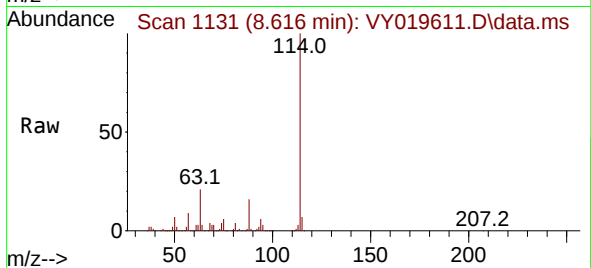




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019611.D
Acq: 18 Sep 2024 17:18

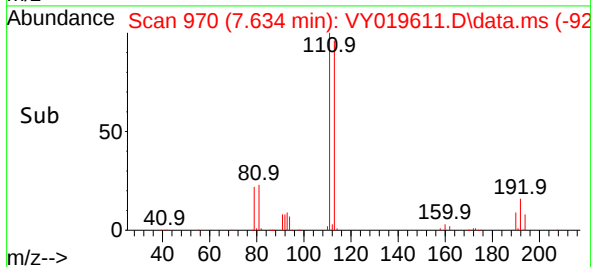
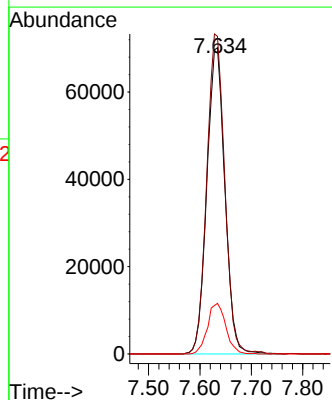
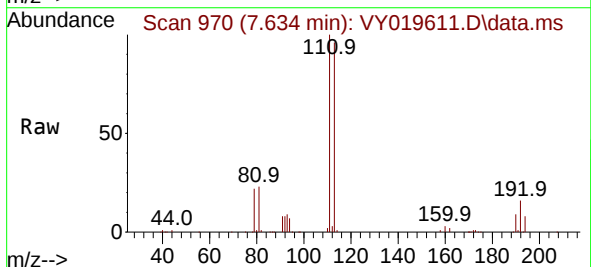
Instrument :
MSVOA_Y
ClientSampleId :
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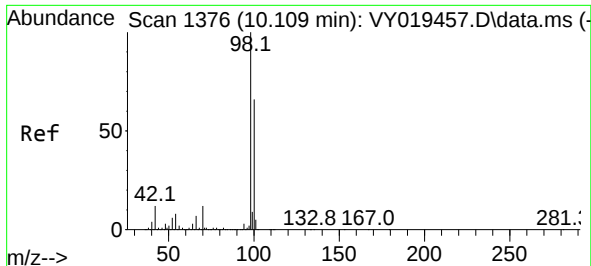
Tgt Ion:114 Resp: 544917
Ion Ratio Lower Upper
114 100
63 20.8 0.0 35.0
88 16.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.286 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019611.D
Acq: 18 Sep 2024 17:18

Tgt Ion:113 Resp: 170810
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 16.9 15.9 23.9

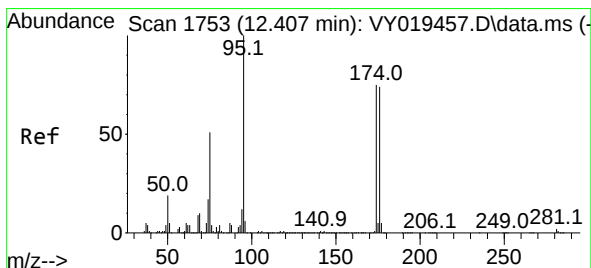
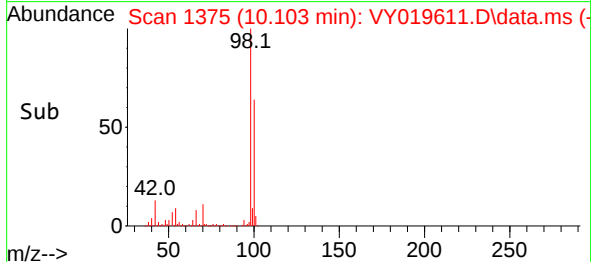
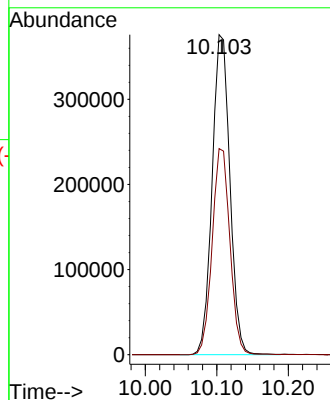
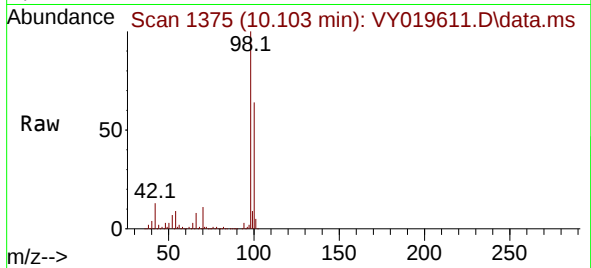




#50
Toluene-d8
Concen: 56.688 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019611.D
Acq: 18 Sep 2024 17:18

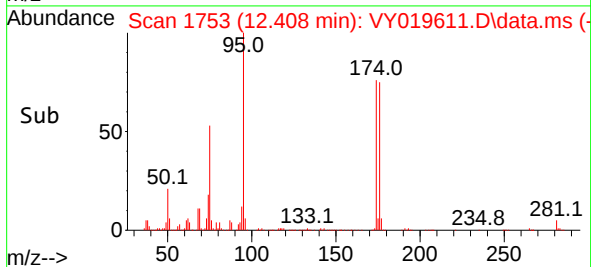
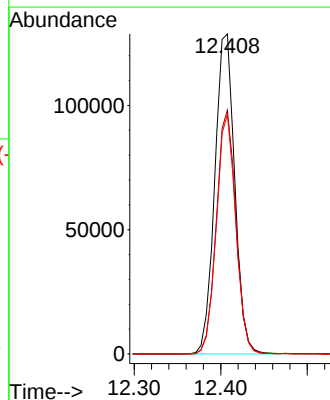
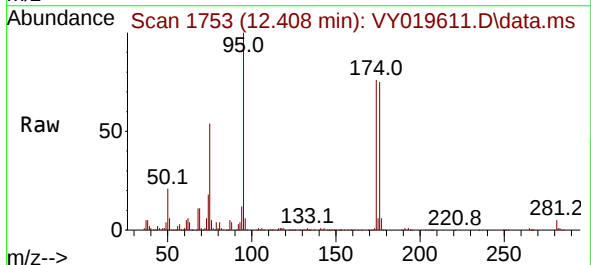
Instrument :
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NB-614-VOC-04

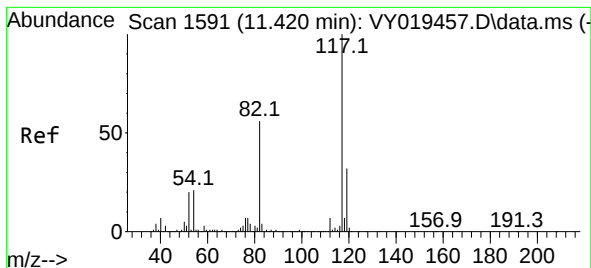
Tgt Ion: 98 Resp: 647812
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.809 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019611.D
Acq: 18 Sep 2024 17:18

Tgt Ion: 95 Resp: 205681
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 72.5 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: VY019611.D

Acq: 18 Sep 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-04

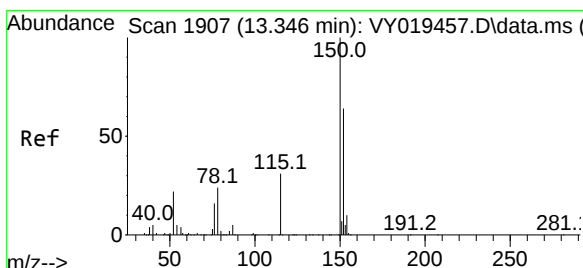
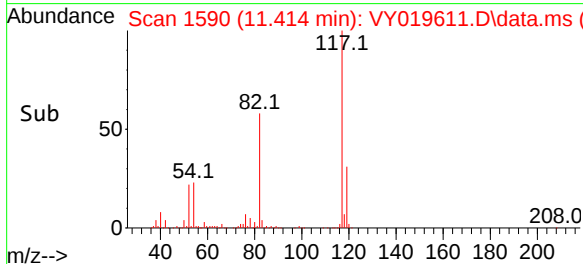
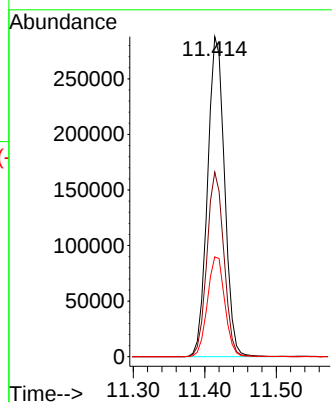
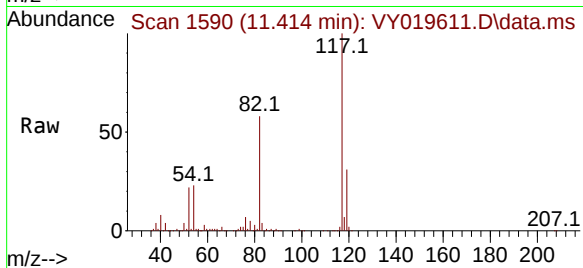
Tgt Ion:117 Resp: 476003

Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 31.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019611.D

Acq: 18 Sep 2024 17:18

Tgt Ion:152 Resp: 178054

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 156.8 0.0 345.6

