

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019582.D
 Acq On : 17 Sep 2024 13:51
 Operator : SY/MD
 Sample : P4015-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1-TANK17

Quant Time: Sep 18 01:32:24 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	336533	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	661626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	590876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	219298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	211956	68.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.040%
35) Dibromofluoromethane	7.634	113	209416	55.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.640%
50) Toluene-d8	10.109	98	788887	56.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.720%
62) 4-Bromofluorobenzene	12.408	95	253124	47.445	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.880%

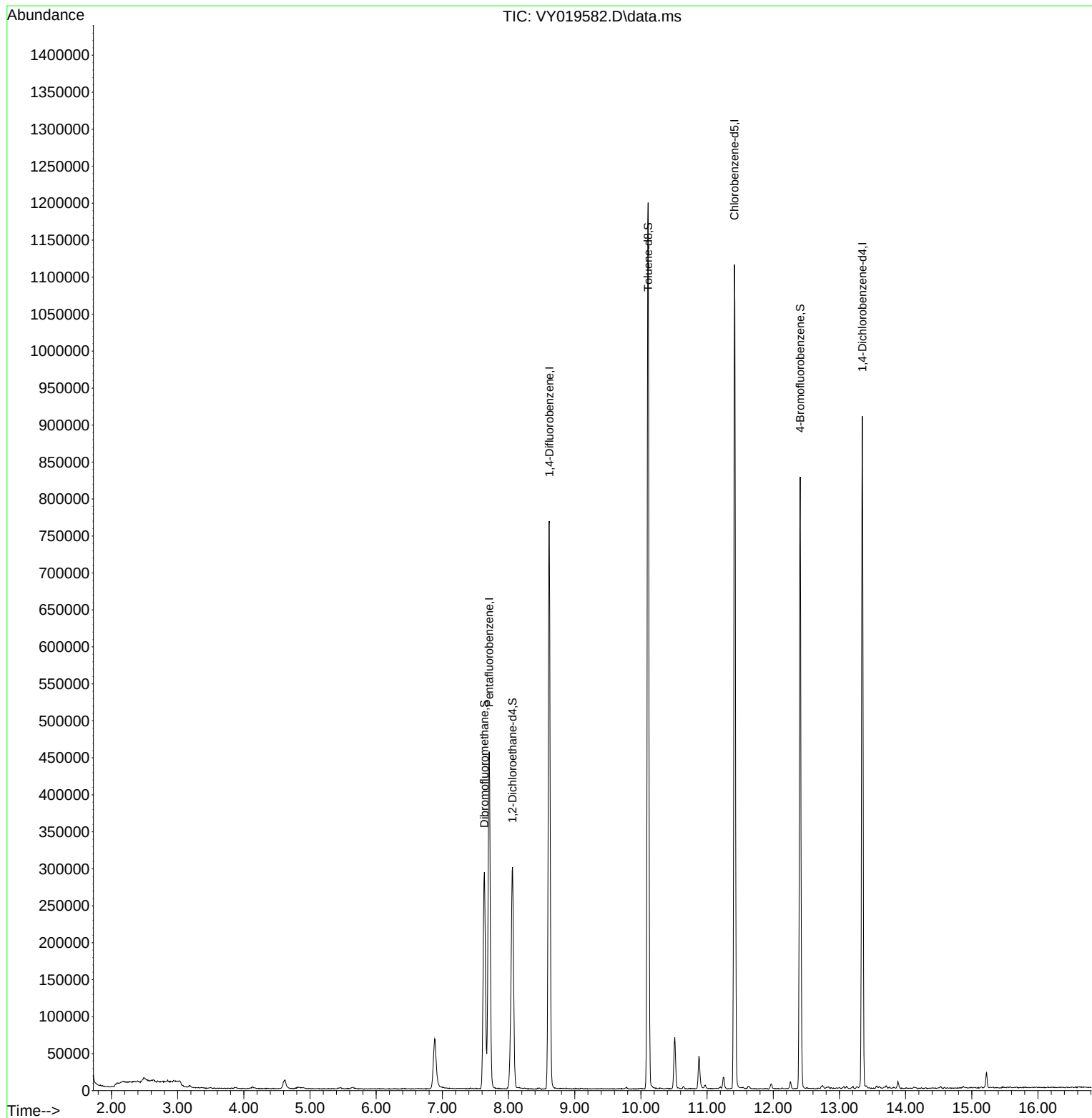
Target Compounds	Qvalue

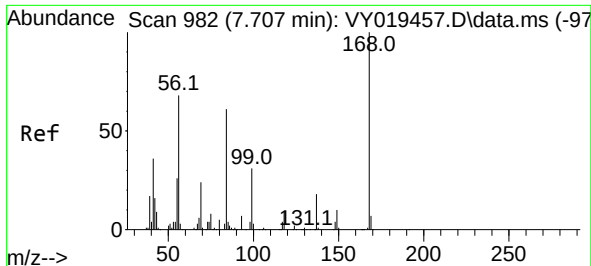
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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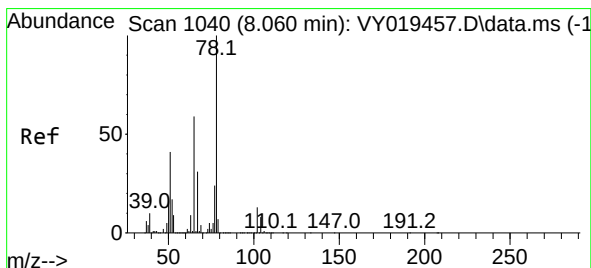
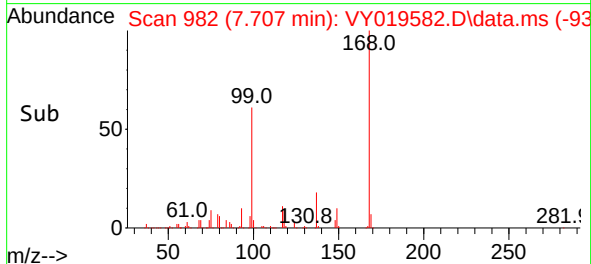
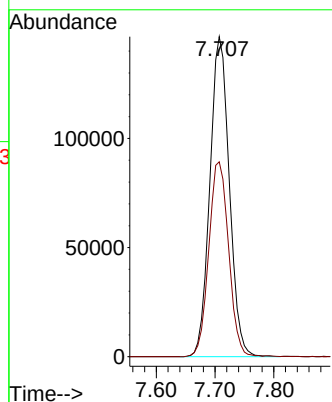
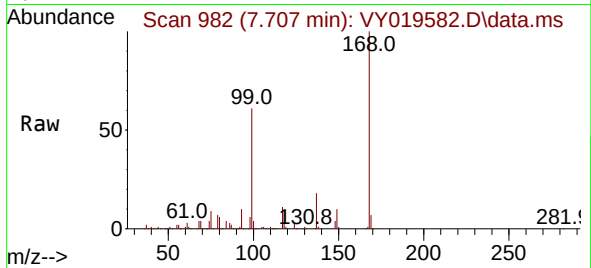




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019582.D
Acq: 17 Sep 2024 13:51

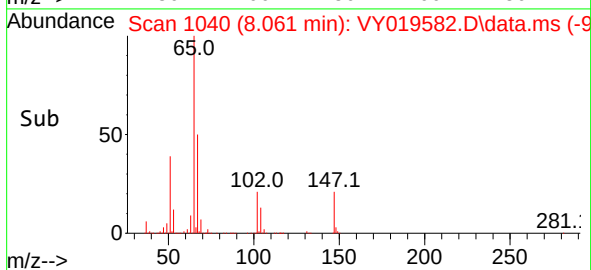
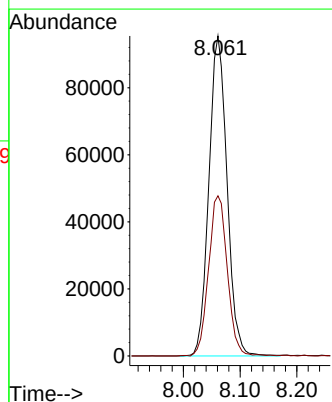
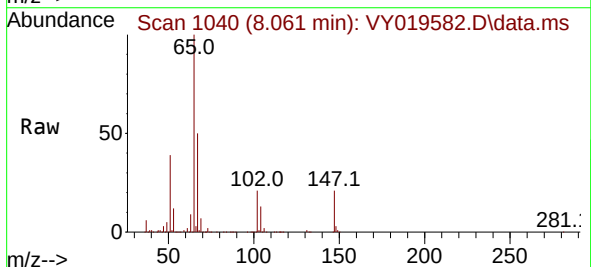
Instrument :
MSVOA_Y
ClientSampleId :
B-1-TANK17

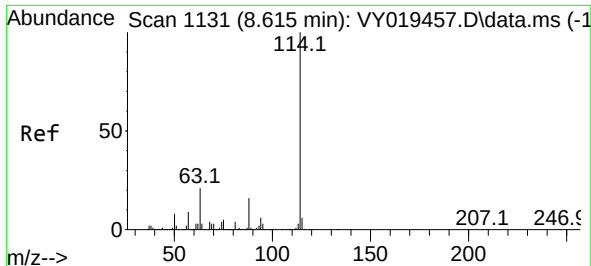
Tgt Ion:168 Resp: 336533
Ion Ratio Lower Upper
168 100
99 60.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 68.017 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019582.D
Acq: 17 Sep 2024 13:51

Tgt Ion: 65 Resp: 211956
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: VY019582.D

Acq: 17 Sep 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

B-1-TANK17

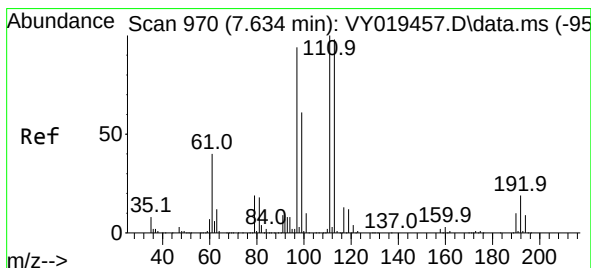
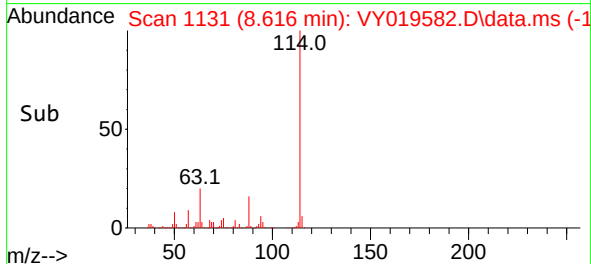
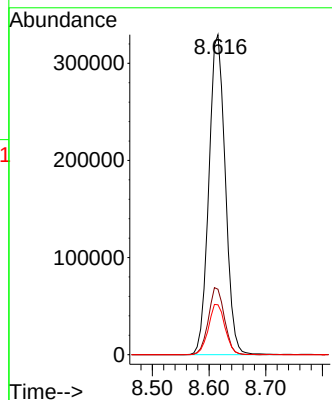
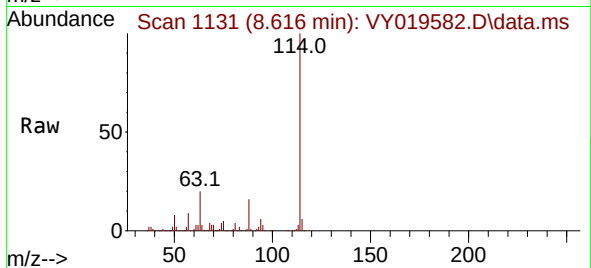
Tgt Ion:114 Resp: 661626

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.825 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019582.D

Acq: 17 Sep 2024 13:51

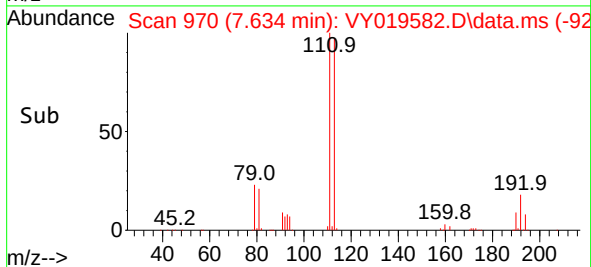
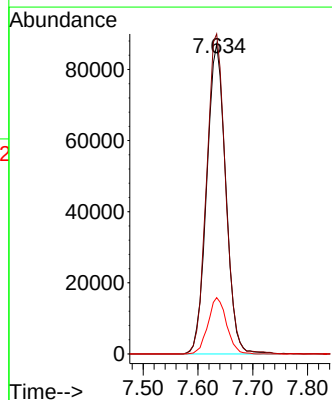
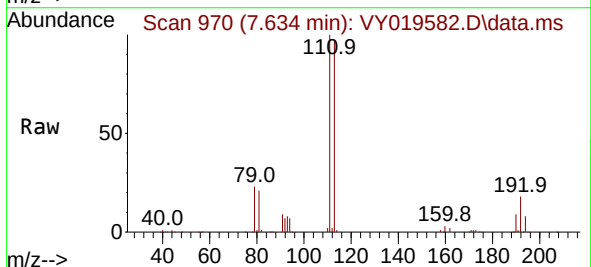
Tgt Ion:113 Resp: 209416

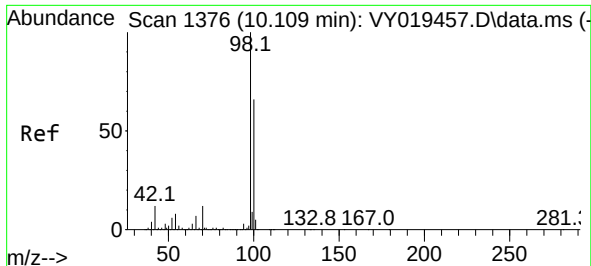
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.8 15.9 23.9

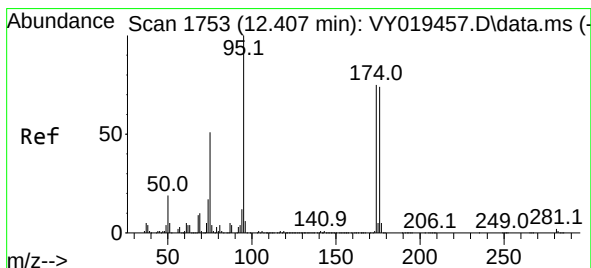
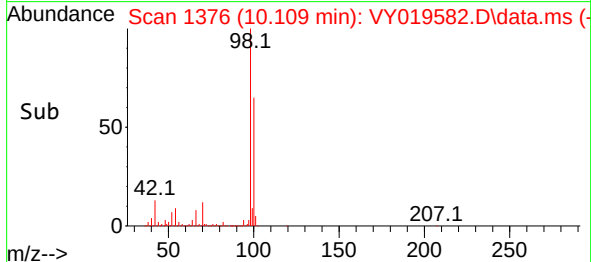
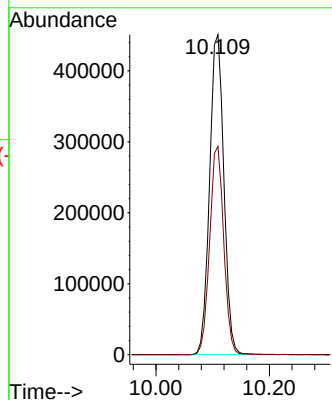
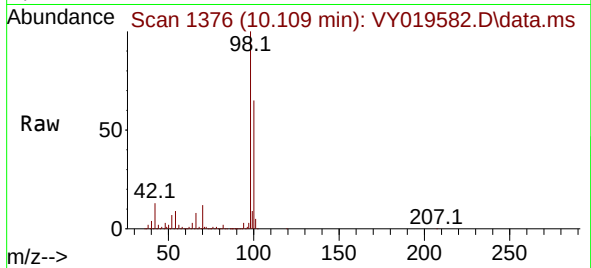




#50
Toluene-d8
Concen: 56.856 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019582.D
Acq: 17 Sep 2024 13:51

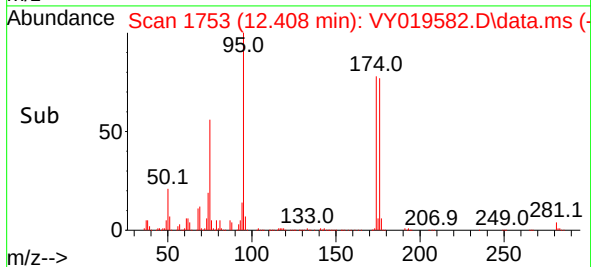
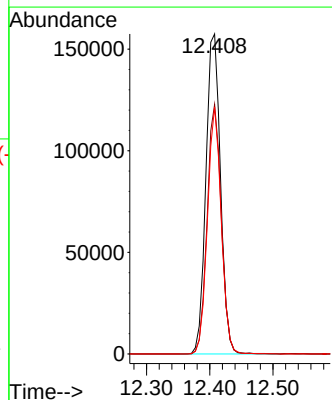
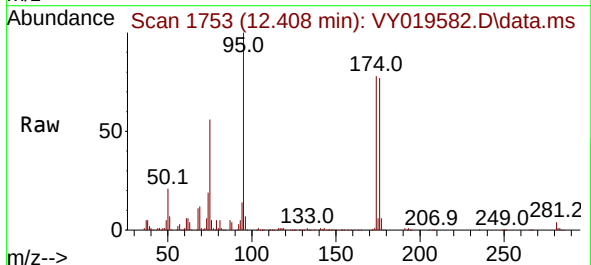
Instrument :
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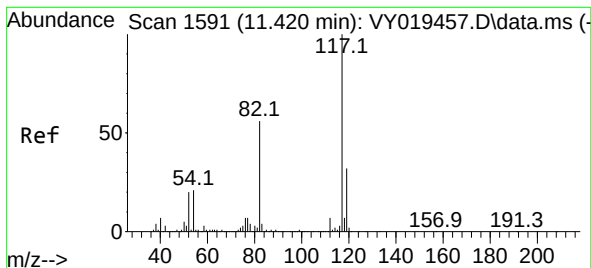
Tgt Ion: 98 Resp: 788887
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.445 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019582.D
Acq: 17 Sep 2024 13:51

Tgt Ion: 95 Resp: 253124
Ion Ratio Lower Upper
95 100
174 75.8 0.0 175.6
176 72.9 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: VY019582.D

Acq: 17 Sep 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

B-1-TANK17

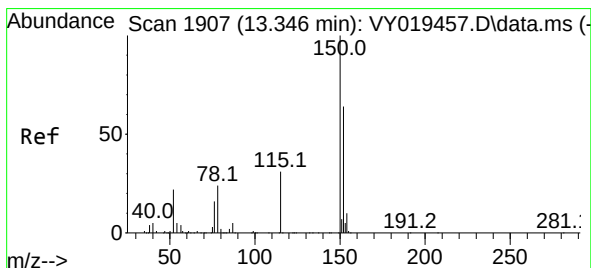
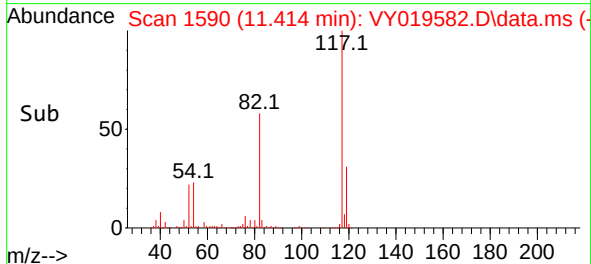
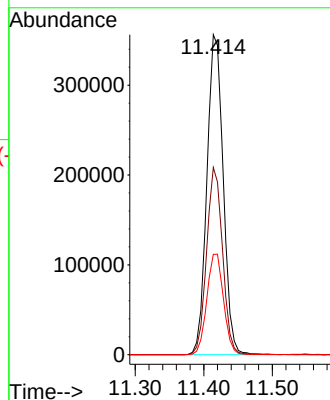
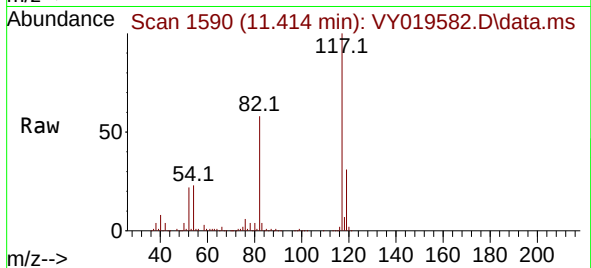
Tgt Ion:117 Resp: 590876

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 31.3 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: VY019582.D

Acq: 17 Sep 2024 13:51

Tgt Ion:152 Resp: 219298

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 157.5 0.0 345.6

