

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019540.D
 Acq On : 13 Sep 2024 15:35
 Operator : SY/MD
 Sample : P3984-09
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-C-GRAB

Quant Time: Sep 13 23:33:13 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	346719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	668624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	570384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	193071	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	202959	63.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.440%
35) Dibromofluoromethane	7.628	113	209086	55.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.103	98	786055	56.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.120%
62) 4-Bromofluorobenzene	12.401	95	236849	43.930	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.860%

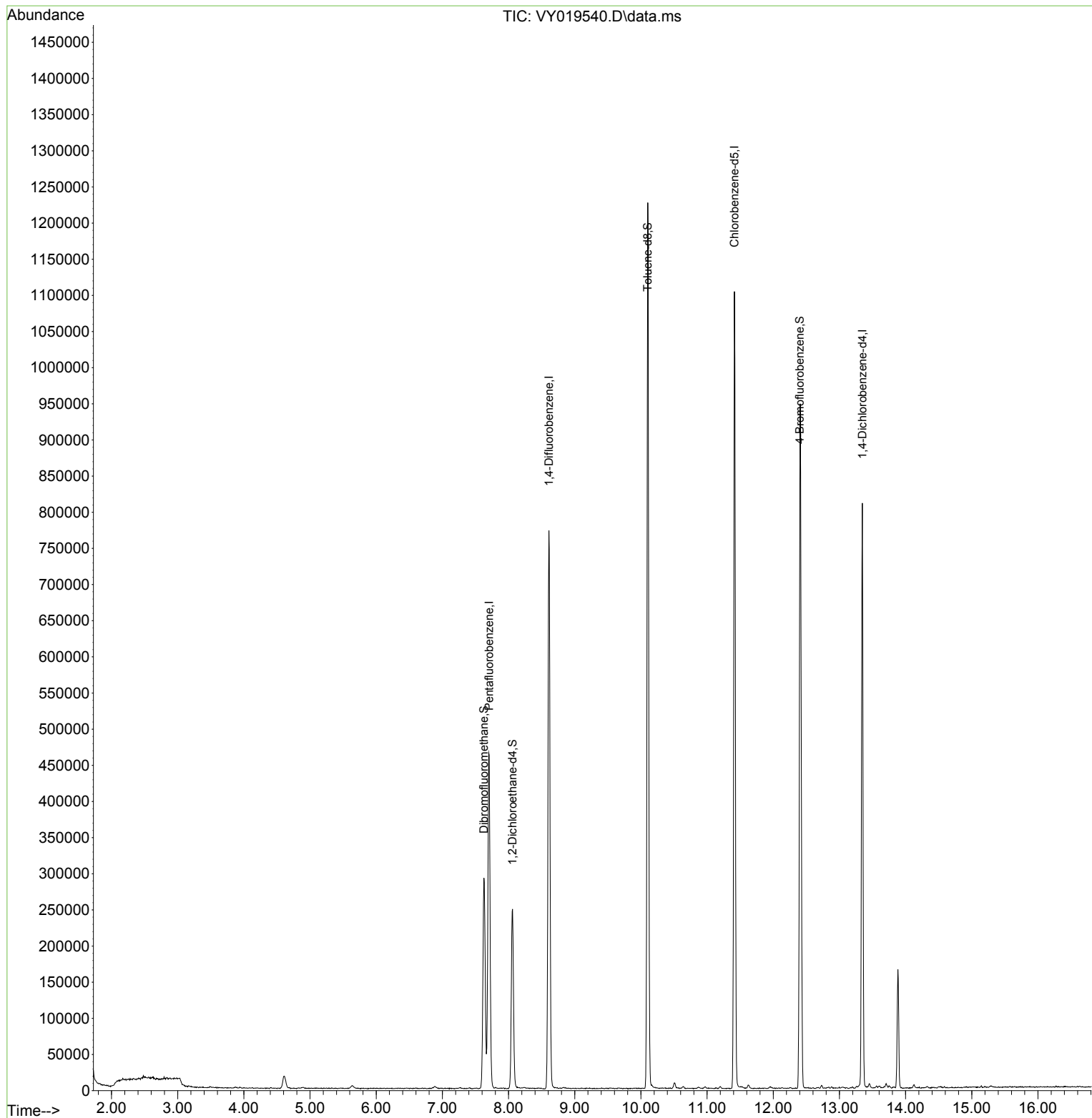
Target Compounds	Qvalue

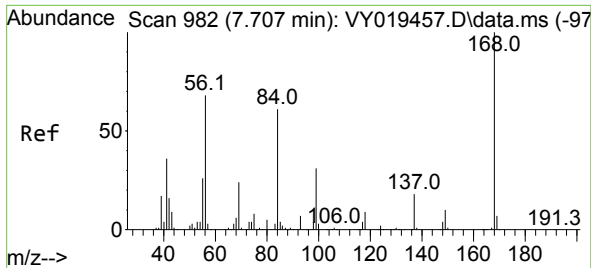
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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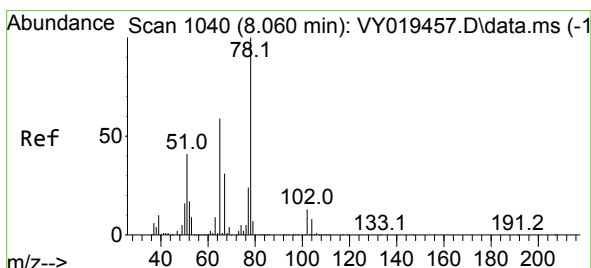
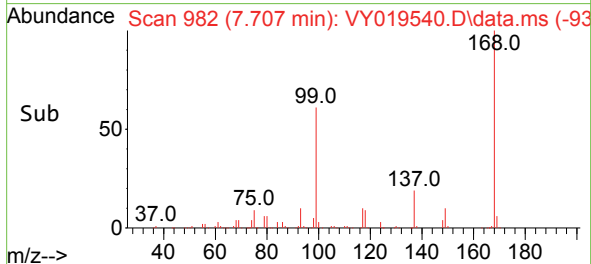
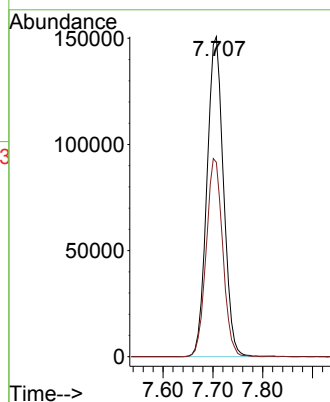
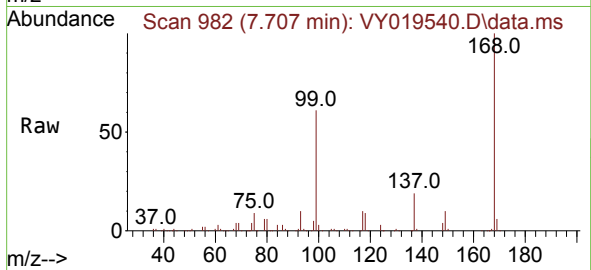




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

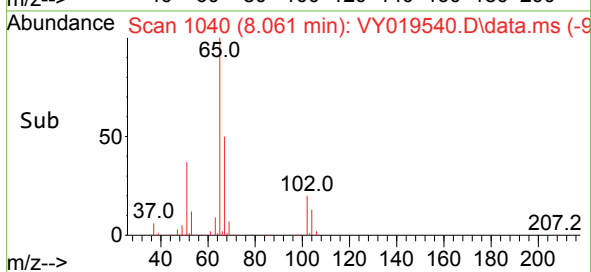
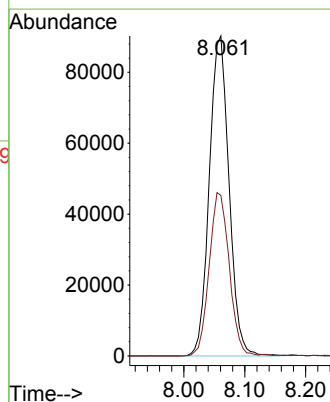
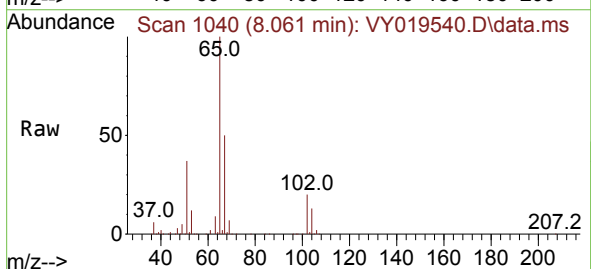
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

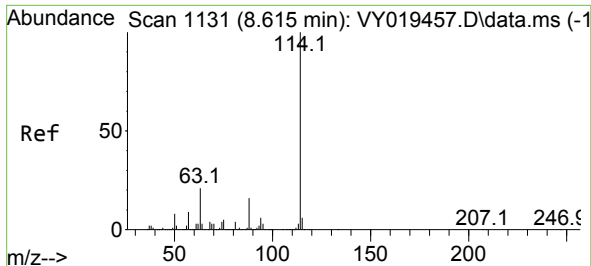
Tgt Ion:168 Resp: 346719
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 63.216 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

Tgt Ion: 65 Resp: 202959
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019540.D

Acq: 13 Sep 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

WC-C-GRAB

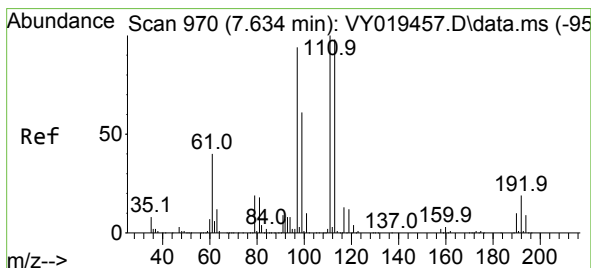
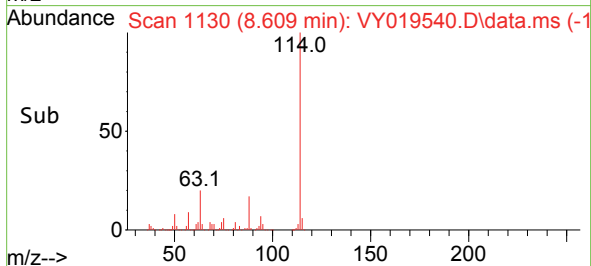
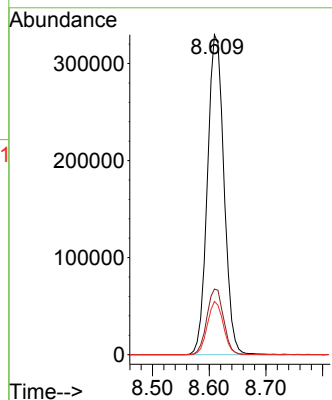
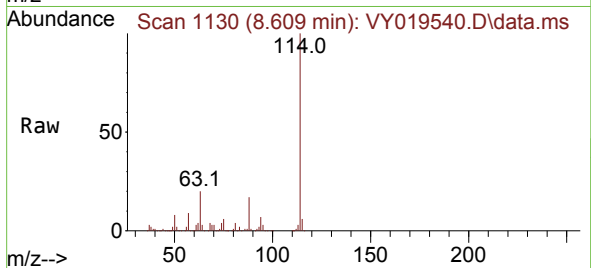
Tgt Ion:114 Resp: 668624

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 16.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.154 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019540.D

Acq: 13 Sep 2024 15:35

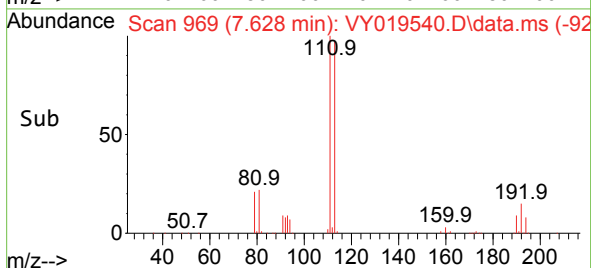
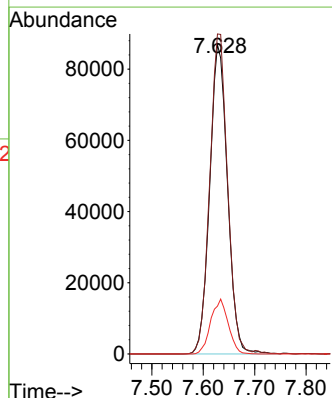
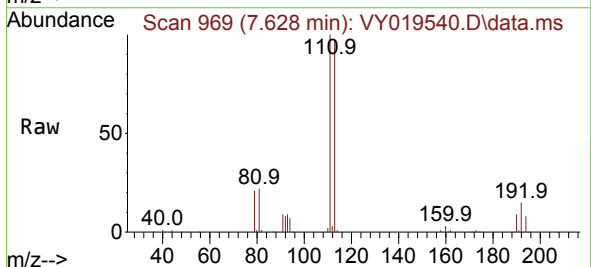
Tgt Ion:113 Resp: 209086

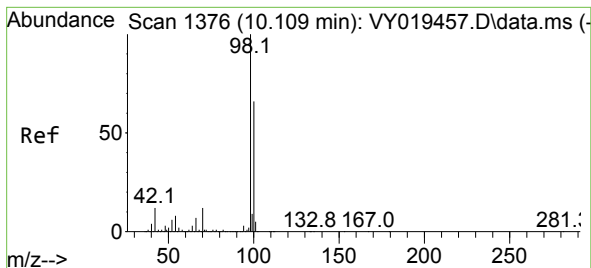
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 17.4 15.9 23.9





#50

Toluene-d8

Concen: 56.059 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019540.D

Acq: 13 Sep 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

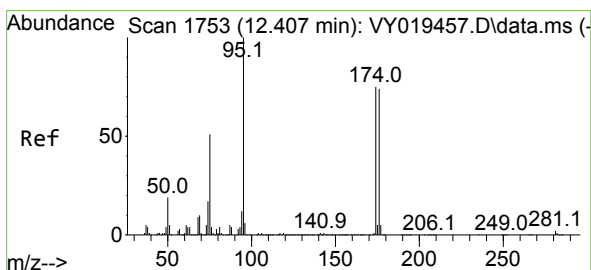
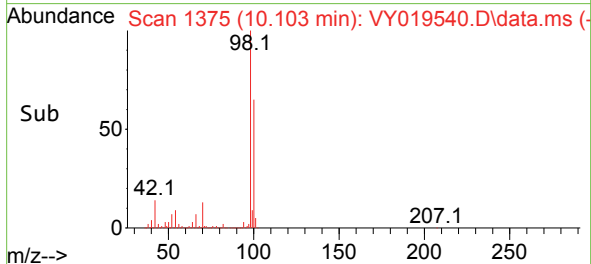
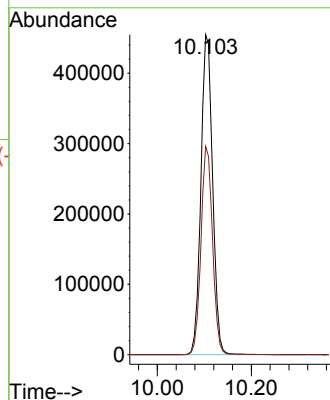
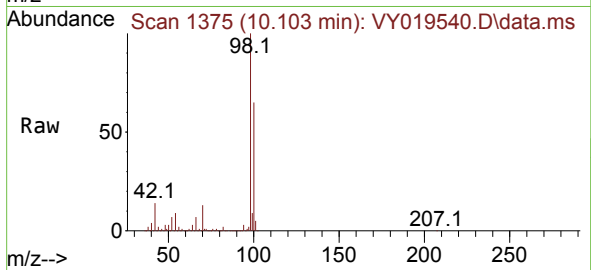
WC-C-GRAB

Tgt Ion: 98 Resp: 786055

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.930 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019540.D

Acq: 13 Sep 2024 15:35

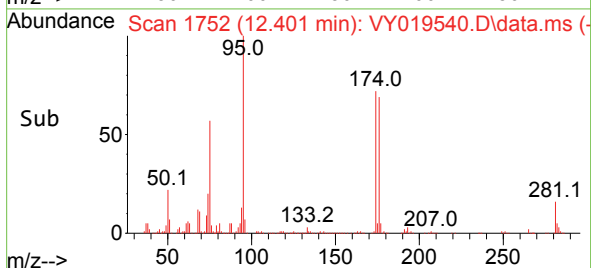
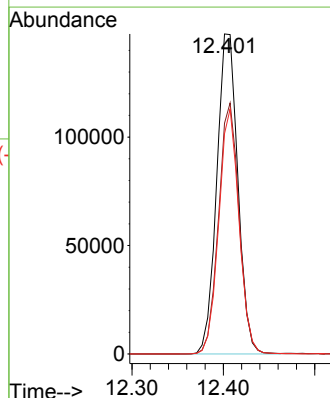
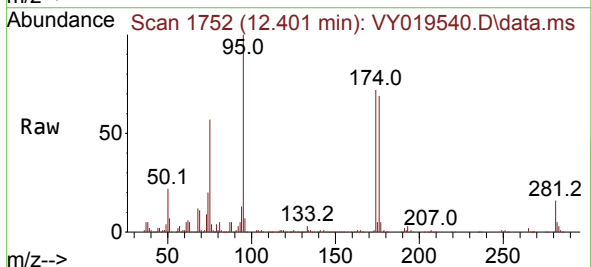
Tgt Ion: 95 Resp: 236849

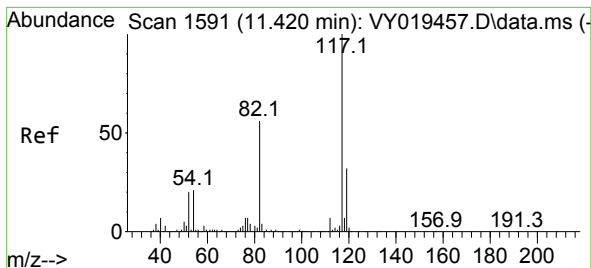
Ion Ratio Lower Upper

95 100

174 76.3 0.0 175.6

176 73.3 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: VY019540.D

Acq: 13 Sep 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

WC-C-GRAB

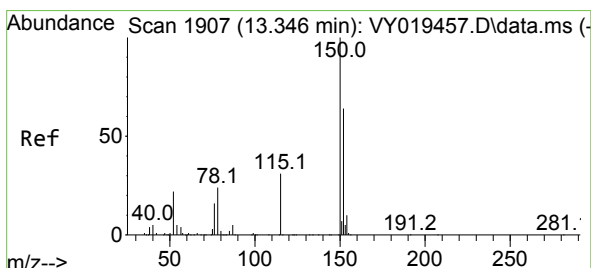
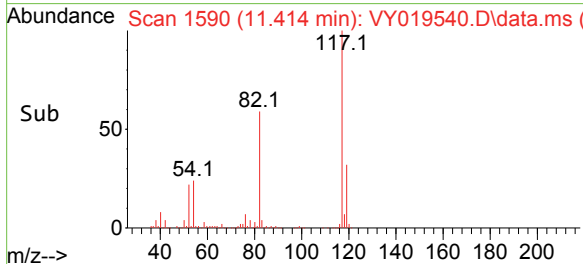
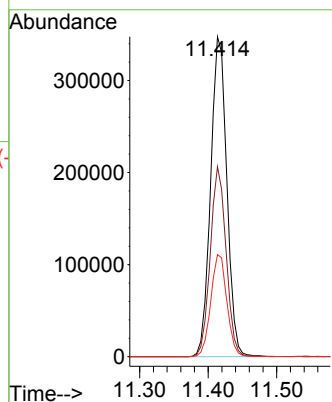
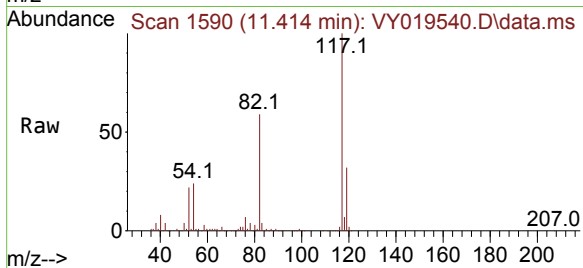
Tgt Ion:117 Resp: 570384

Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

119 31.9 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: VY019540.D

Acq: 13 Sep 2024 15:35

Tgt Ion:152 Resp: 193071

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 158.0 0.0 345.6

