

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019616.D
 Acq On : 18 Sep 2024 19:15
 Operator : SY/MD
 Sample : P4088-03
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-07

Quant Time: Sep 19 01:27:56 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	312350	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	605831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	530865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	178631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193537	66.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.820%
35) Dibromofluoromethane	7.634	113	194992	56.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.540%
50) Toluene-d8	10.109	98	721459	56.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.580%
62) 4-Bromofluorobenzene	12.401	95	220034	45.041	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.080%

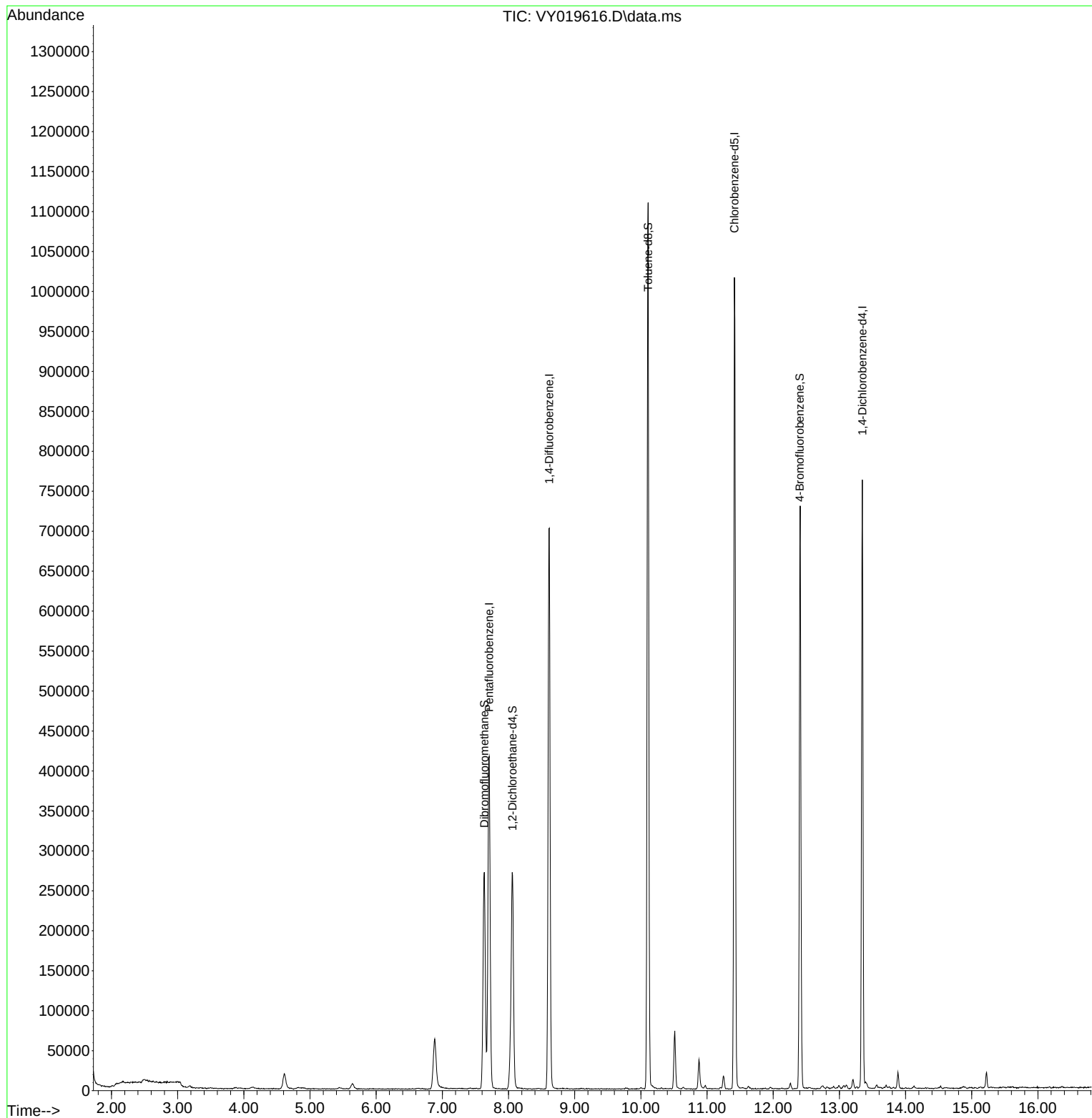
Target Compounds	Qvalue

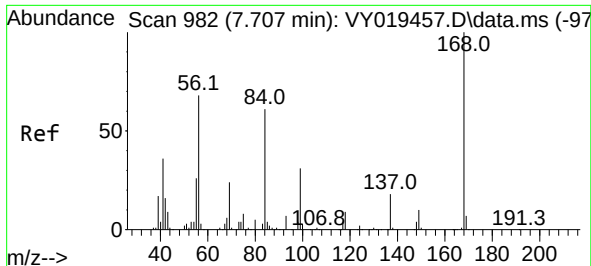
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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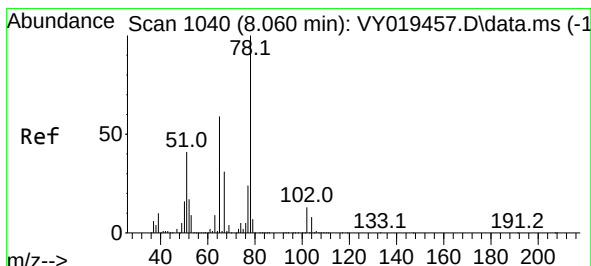
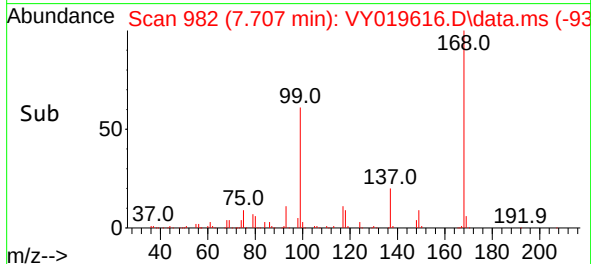
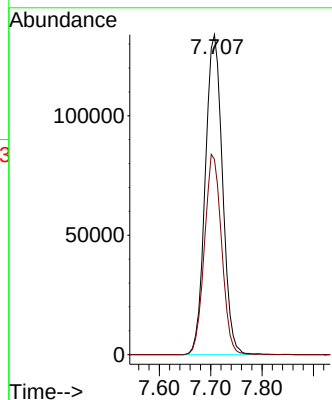
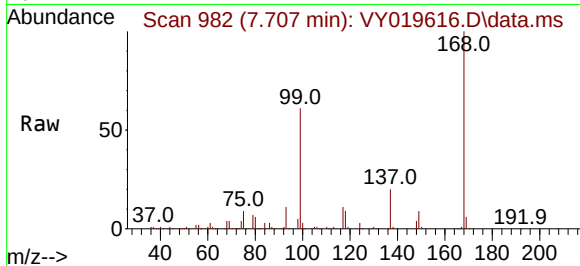




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

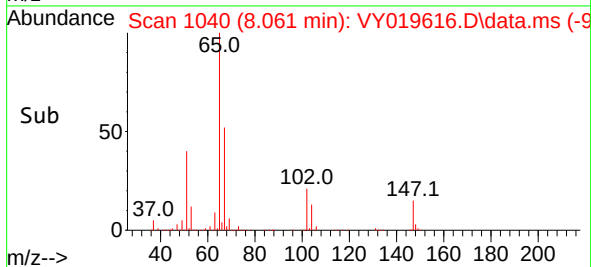
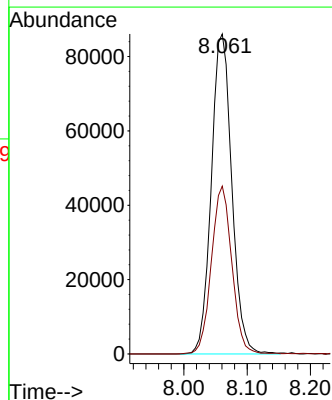
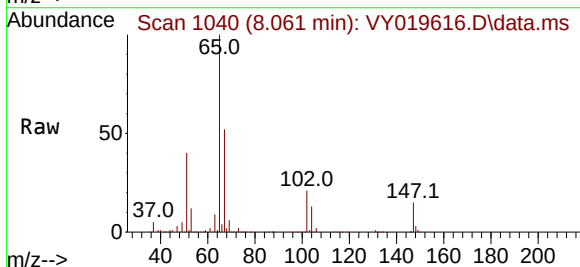
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-07

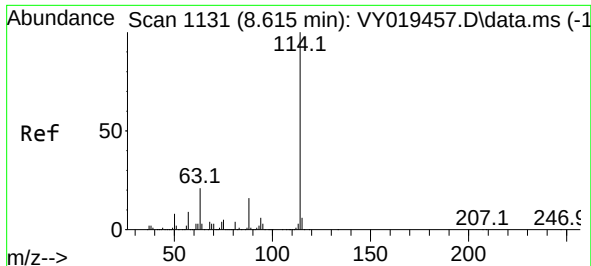
Tgt Ion:168 Resp: 312350
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 66.915 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

Tgt Ion: 65 Resp: 193537
Ion Ratio Lower Upper
65 100
67 52.3 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: VY019616.D

Acq: 18 Sep 2024 19:15

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-07

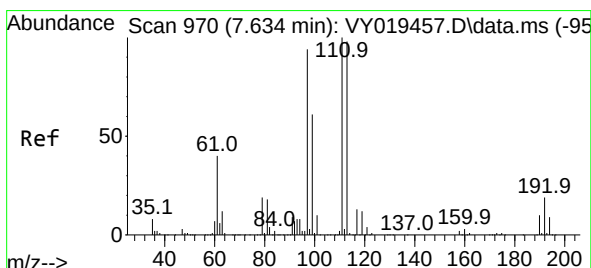
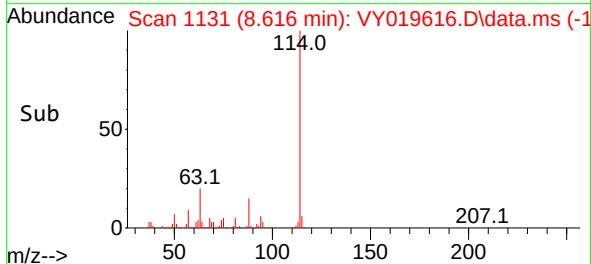
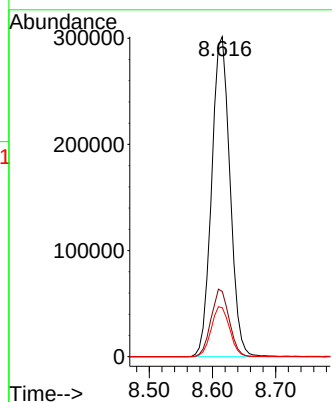
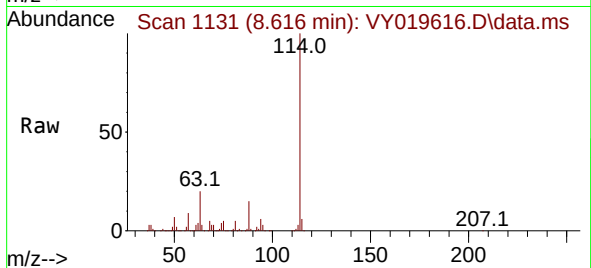
Tgt Ion:114 Resp: 605831

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 15.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.767 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019616.D

Acq: 18 Sep 2024 19:15

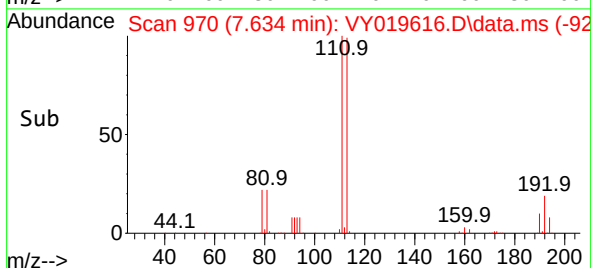
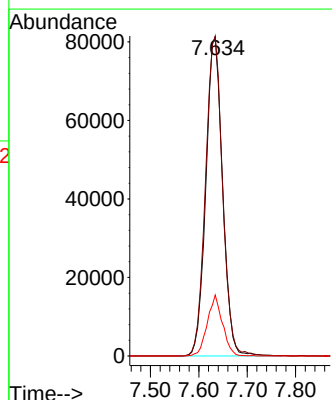
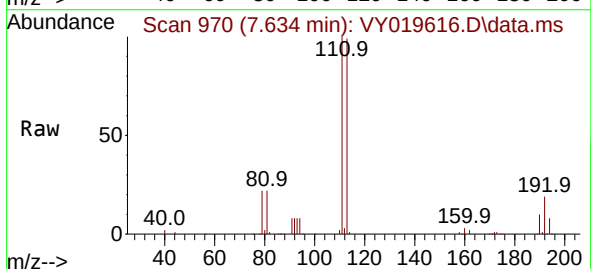
Tgt Ion:113 Resp: 194992

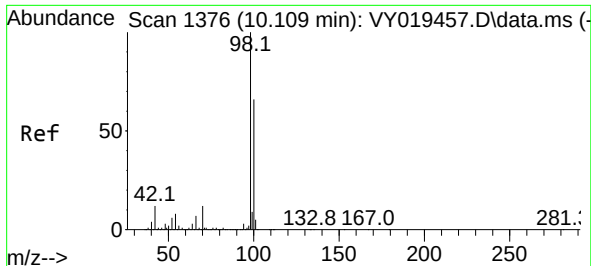
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 17.3 15.9 23.9

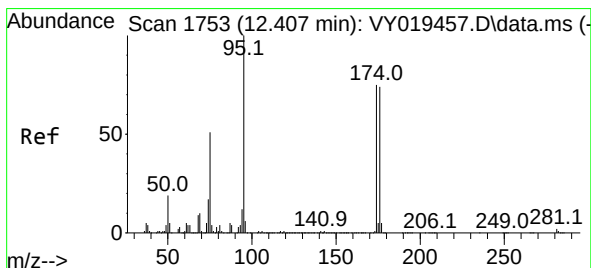
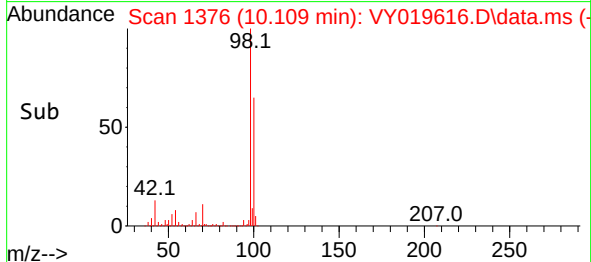
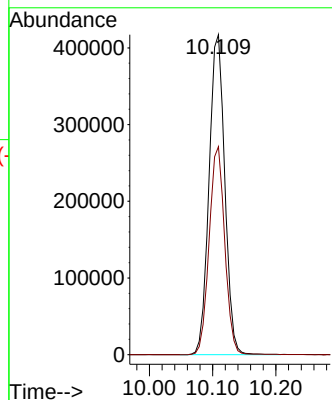
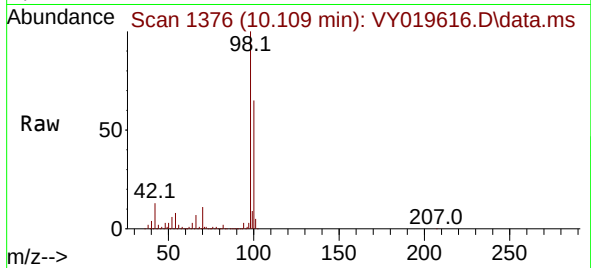




#50
Toluene-d8
Concen: 56.785 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

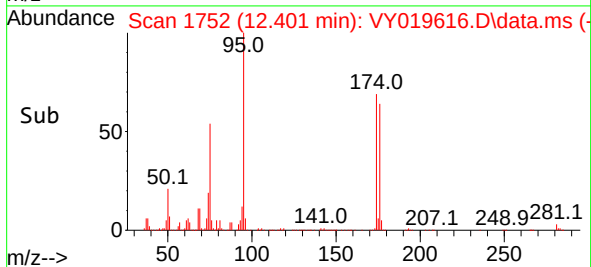
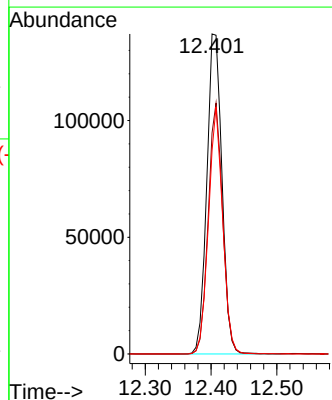
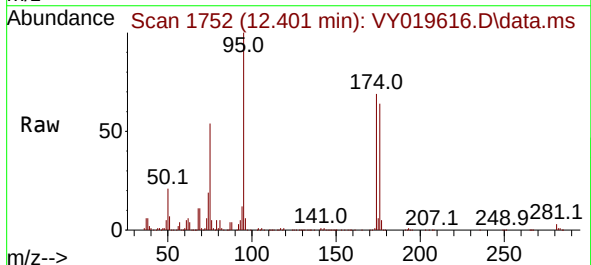
Instrument :
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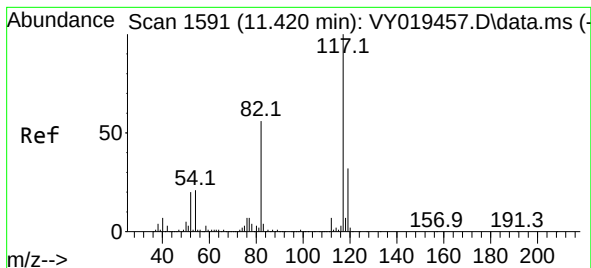
Tgt Ion: 98 Resp: 721459
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.041 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

Tgt Ion: 95 Resp: 220034
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 72.2 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: VY019616.D

Acq: 18 Sep 2024 19:15

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-07

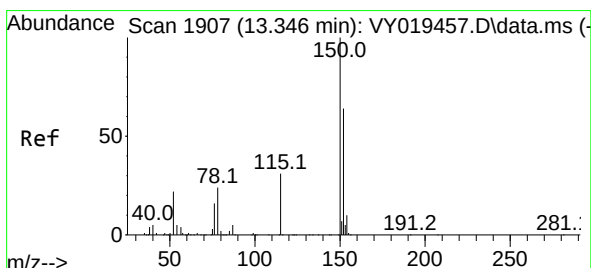
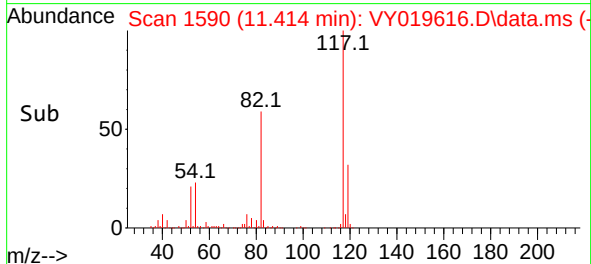
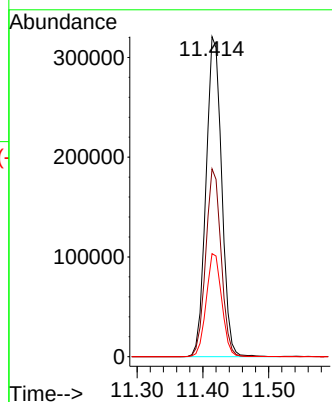
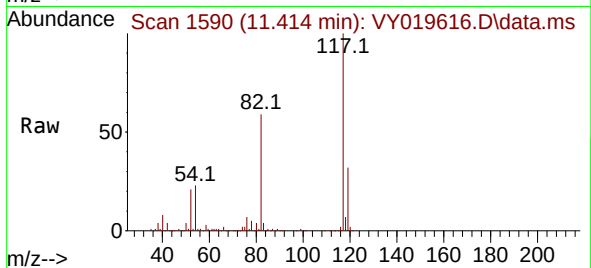
Tgt Ion:117 Resp: 530865

Ion Ratio Lower Upper

117 100

82 58.7 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: VY019616.D

Acq: 18 Sep 2024 19:15

Tgt Ion:152 Resp: 178631

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 158.1 0.0 345.6

