

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019800.D
 Acq On : 04 Oct 2024 15:17
 Operator : SY/MD
 Sample : P4272-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Oct 04 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	7.713	168	13376	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	22516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	14607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	2261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	6727	54.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.634	113	6656	52.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.280%	
50) Toluene-d8	10.109	98	22628	47.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.840%	
62) 4-Bromofluorobenzene	12.408	95	4363	24.030	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 48.060%	

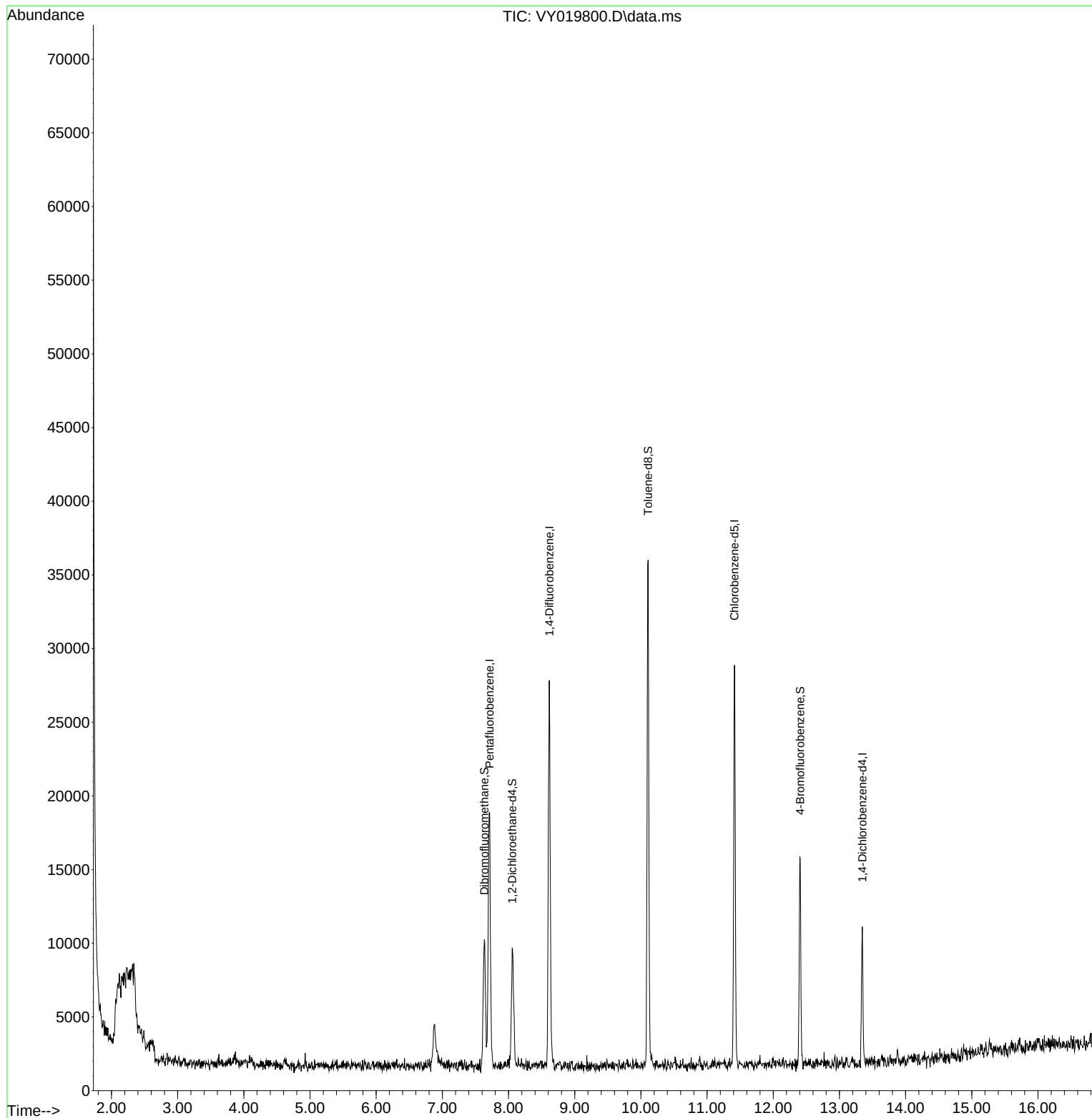
Target Compounds	Qvalue

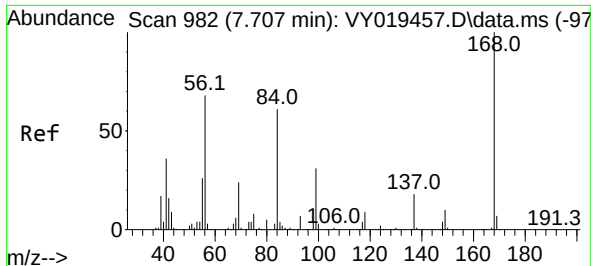
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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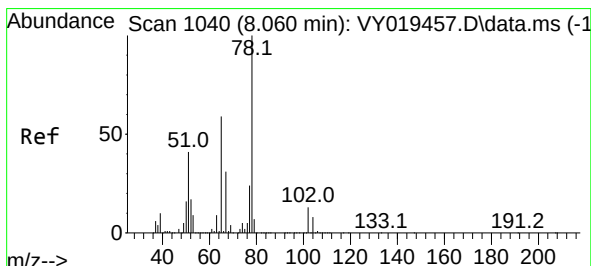
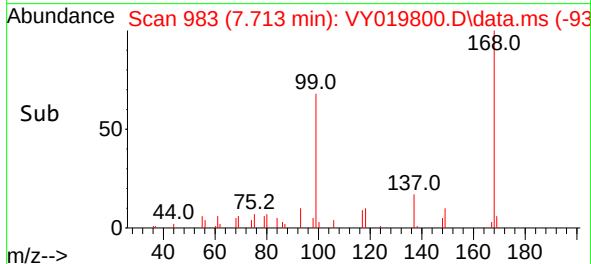
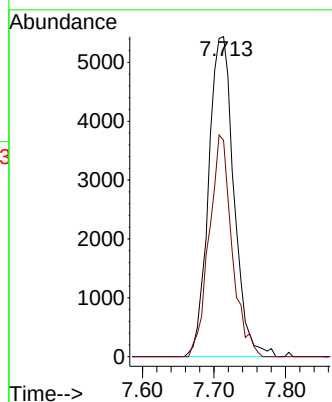
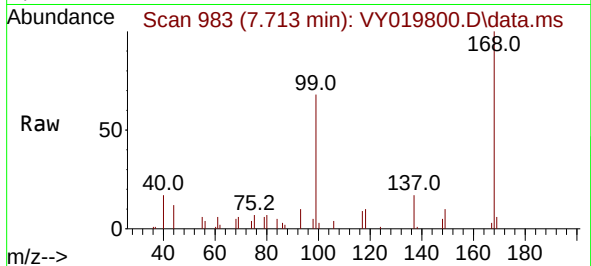




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019800.D
Acq: 04 Oct 2024 15:17

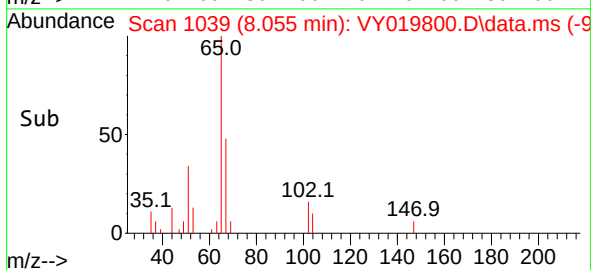
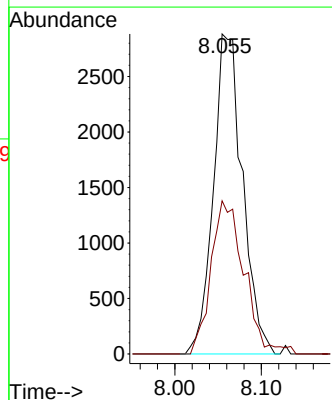
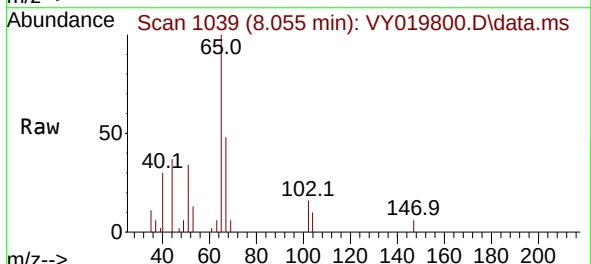
Instrument :
MSVOA_Y
ClientSampleId :
VOC

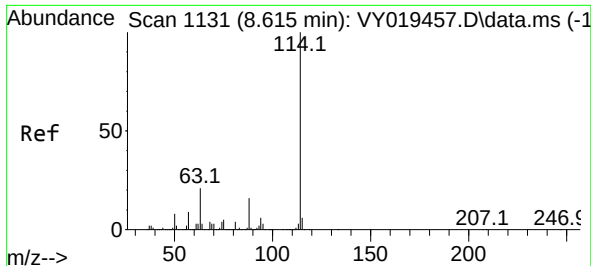
Tgt Ion:168 Resp: 13376
Ion Ratio Lower Upper
168 100
99 67.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.312 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019800.D
Acq: 04 Oct 2024 15:17

Tgt Ion: 65 Resp: 6727
Ion Ratio Lower Upper
65 100
67 54.6 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: VY019800.D

Acq: 04 Oct 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VOC

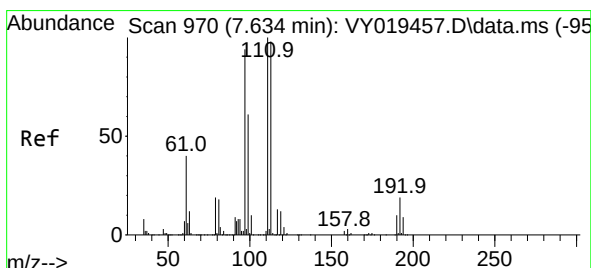
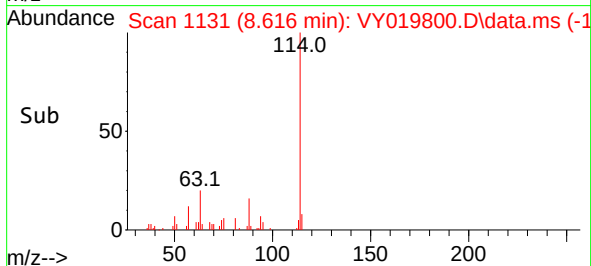
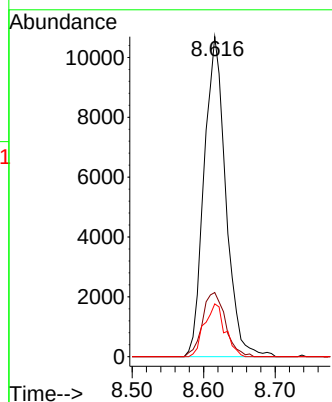
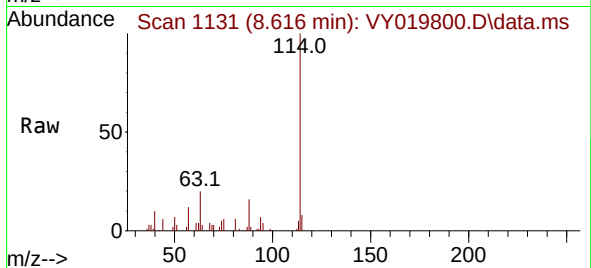
Tgt Ion:114 Resp: 22516

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

88 16.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.138 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019800.D

Acq: 04 Oct 2024 15:17

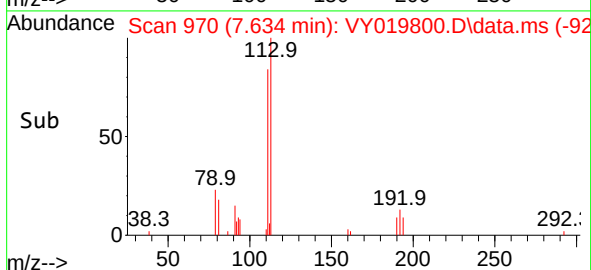
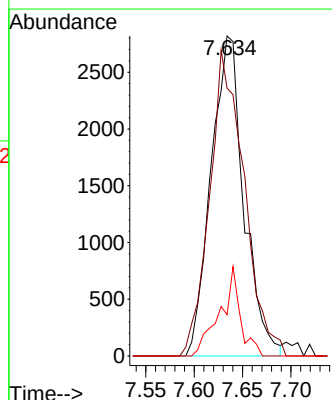
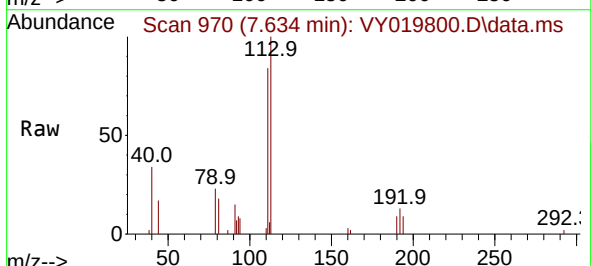
Tgt Ion:113 Resp: 6656

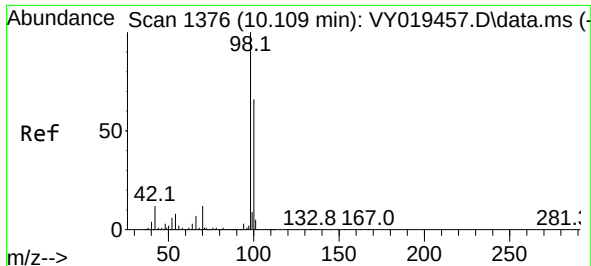
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

192 17.3 15.9 23.9

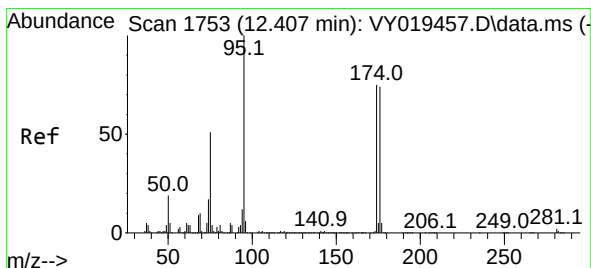
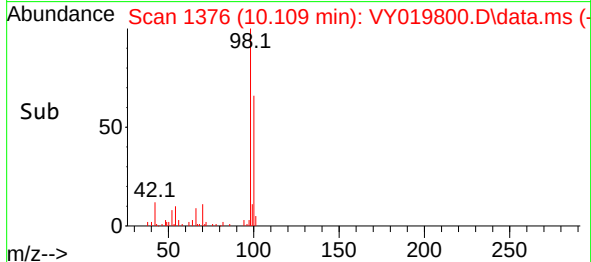
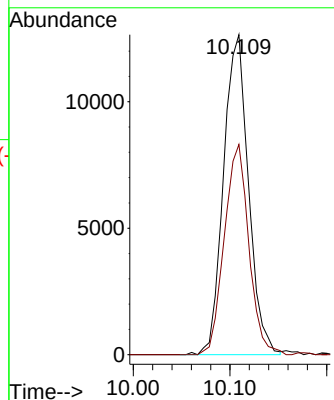
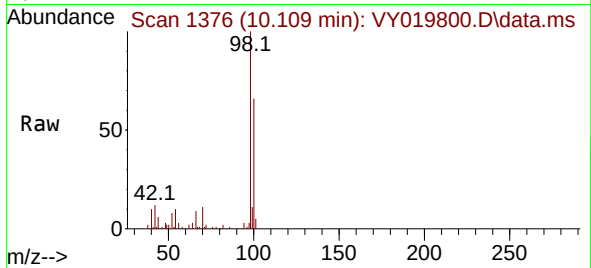




#50
Toluene-d8
Concen: 47.921 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019800.D
Acq: 04 Oct 2024 15:17

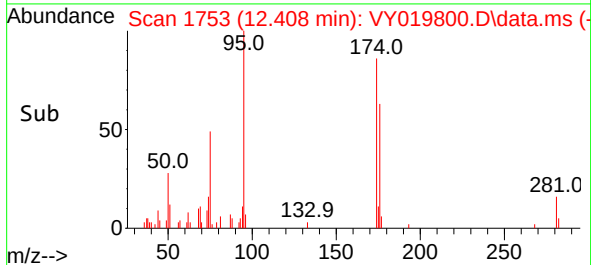
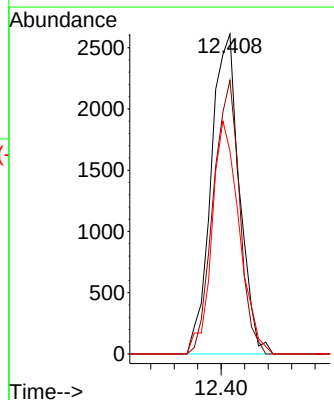
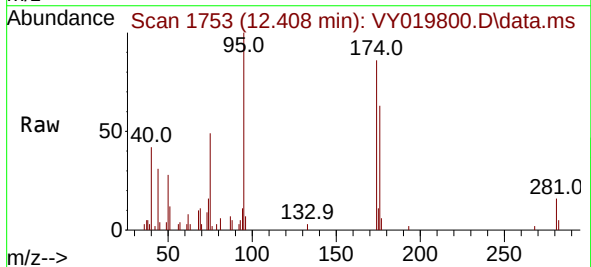
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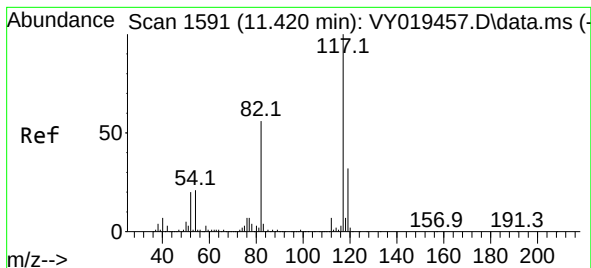
Tgt Ion: 98 Resp: 22628
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 24.030 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019800.D
Acq: 04 Oct 2024 15:17

Tgt Ion: 95 Resp: 4363
Ion Ratio Lower Upper
95 100
174 79.1 0.0 175.6
176 70.4 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: VY019800.D

Acq: 04 Oct 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VOC

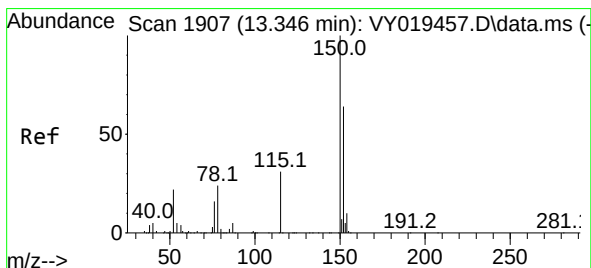
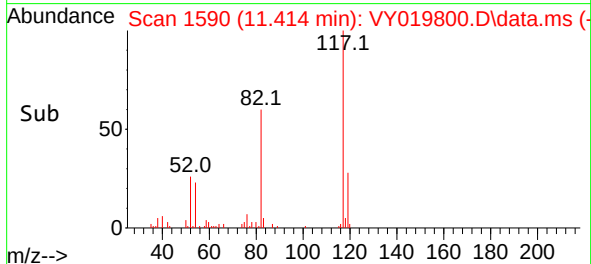
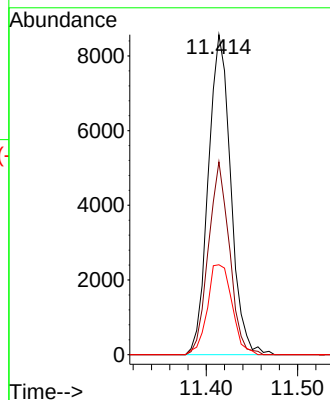
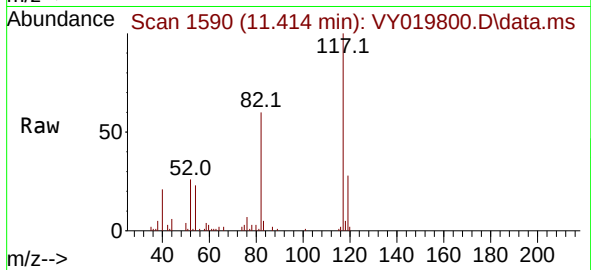
Tgt Ion:117 Resp: 14607

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

119 28.1 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: VY019800.D

Acq: 04 Oct 2024 15:17

Tgt Ion:152 Resp: 2261

Ion Ratio Lower Upper

152 100

115 67.6 28.2 84.7

150 159.7 0.0 345.6

