

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019712.D
 Acq On : 26 Sep 2024 14:56
 Operator : SY/MD
 Sample : P4190-03
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-T-VOC

Quant Time: Sep 27 02:02:33 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	7.701	168	314281	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	602031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	541195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	208248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	186530	64.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.200%	
35) Dibromofluoromethane	7.628	113	192295	56.335	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.680%	
50) Toluene-d8	10.109	98	713673	56.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.060%	
62) 4-Bromofluorobenzene	12.408	95	236461	48.709	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.420%	

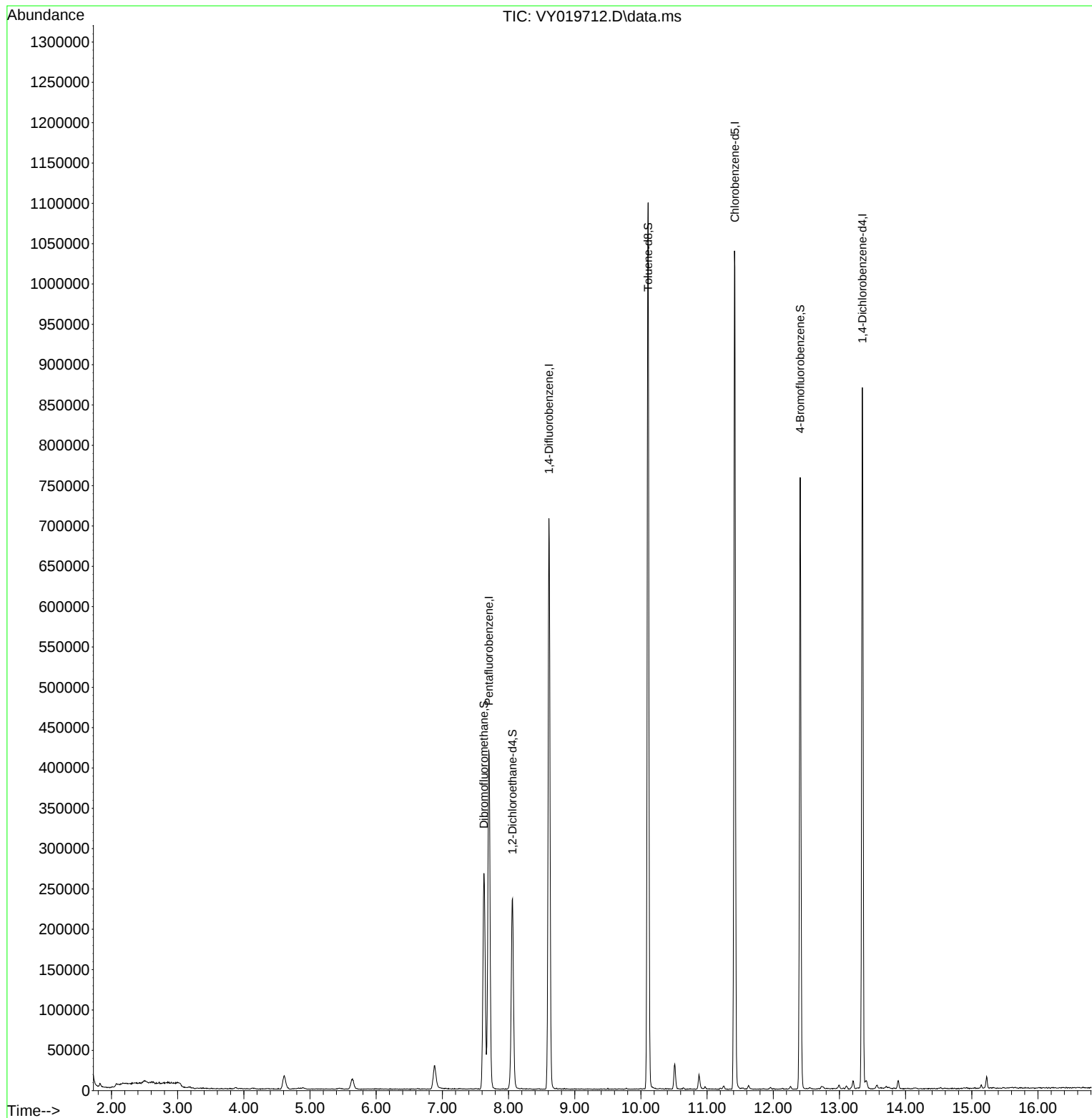
Target Compounds	Qvalue

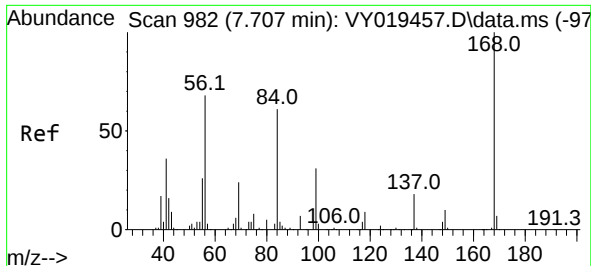
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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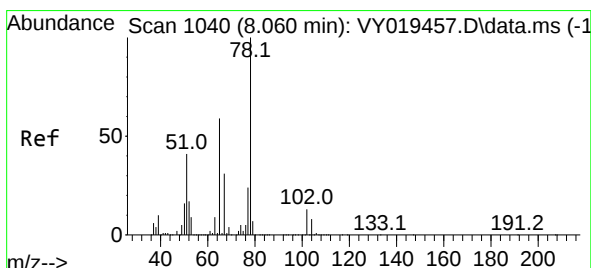
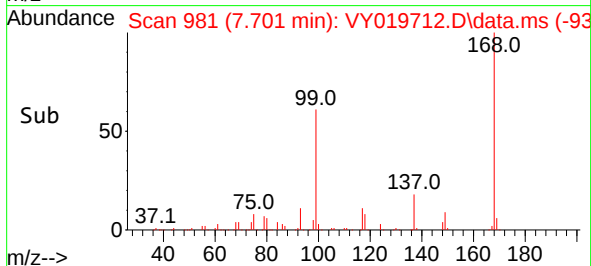
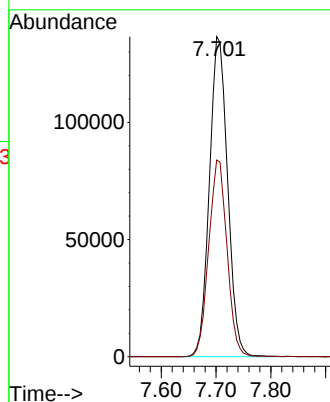
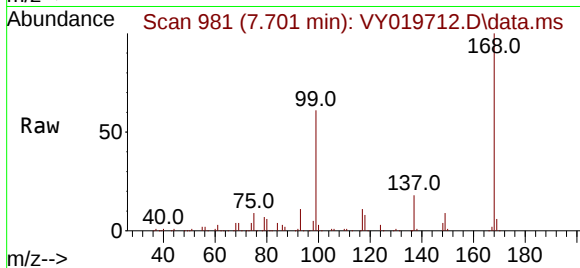




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

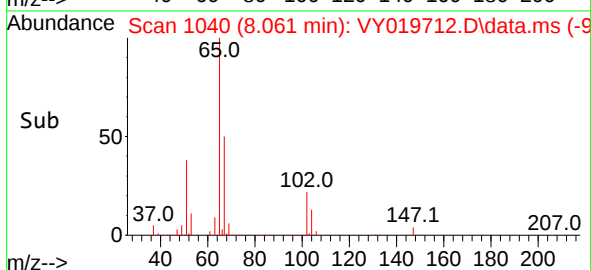
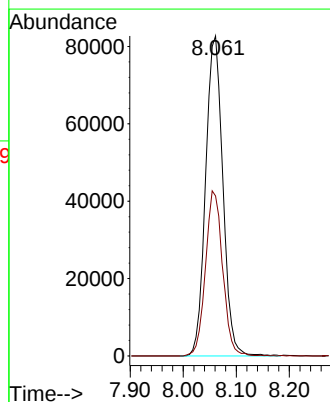
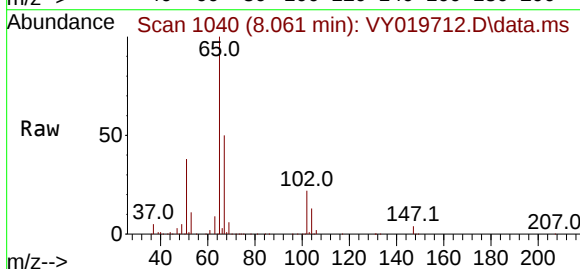
Instrument :
MSVOA_Y
ClientSampleId :
TP-T-VOC

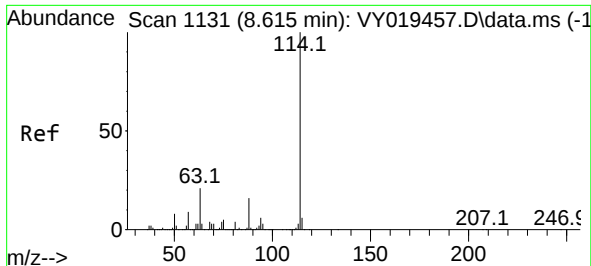
Tgt Ion:168 Resp: 314281
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 64.096 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

Tgt Ion: 65 Resp: 186530
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6

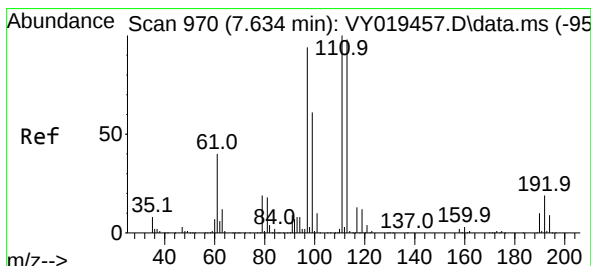
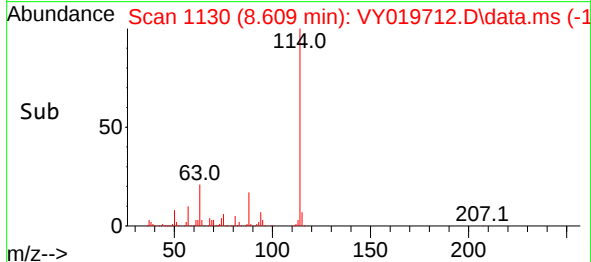
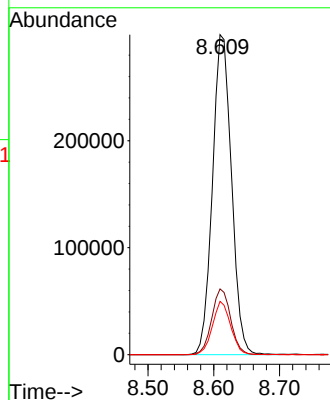
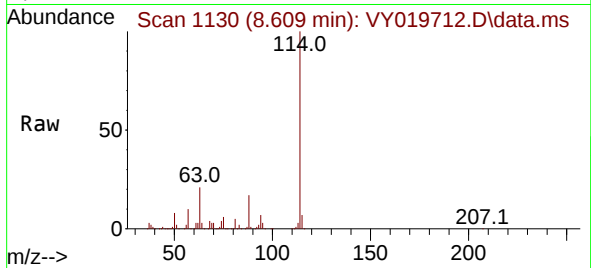




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

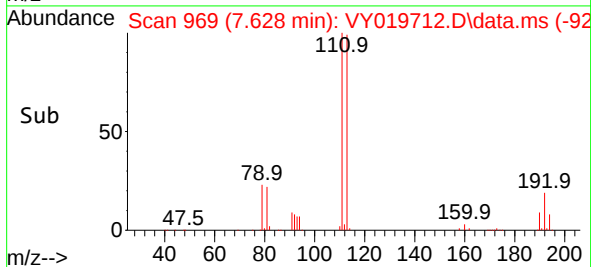
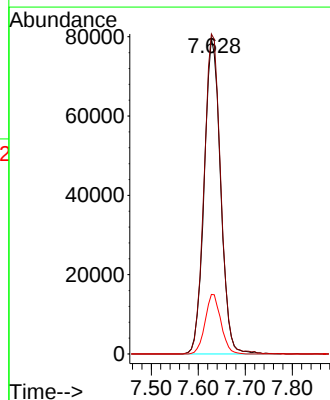
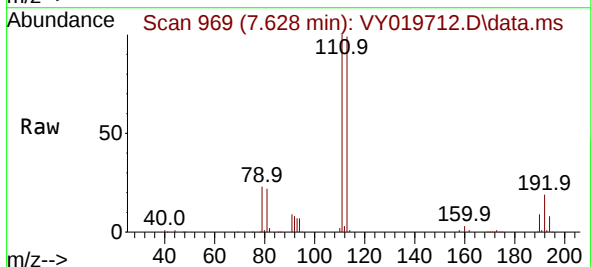
Instrument :
MSVOA_Y
ClientSampleId :
TP-T-VOC

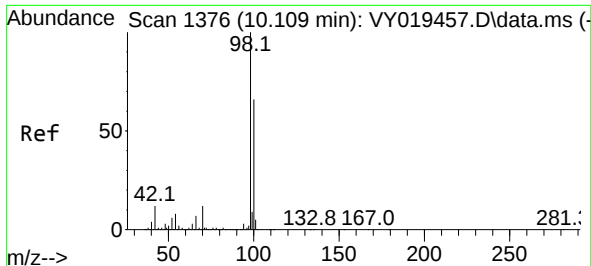
Tgt Ion:114 Resp: 602031
Ion Ratio Lower Upper
114 100
63 20.5 0.0 35.0
88 16.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.335 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

Tgt Ion:113 Resp: 192295
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.2 15.9 23.9

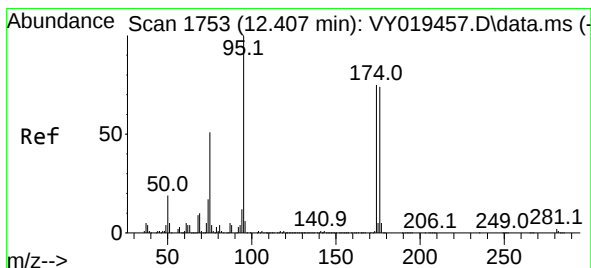
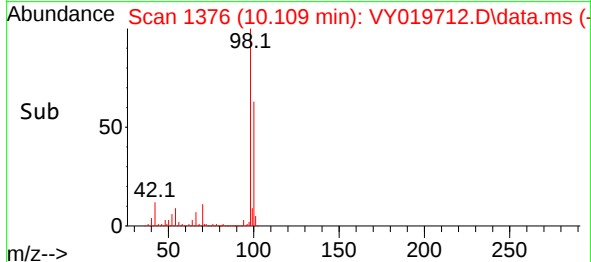
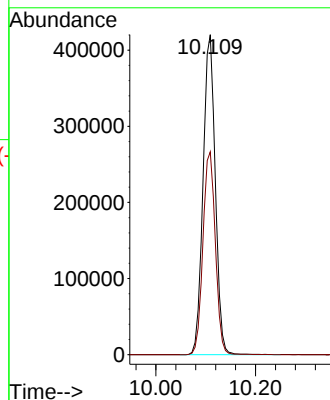
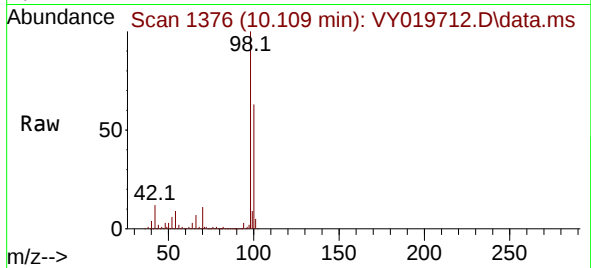




#50
Toluene-d8
Concen: 56.527 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

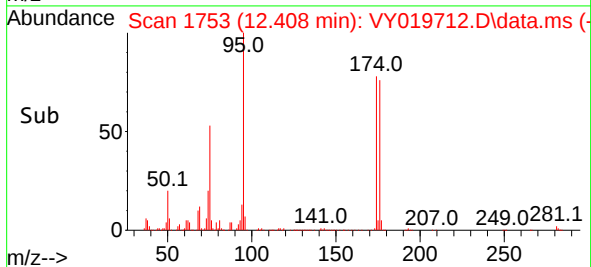
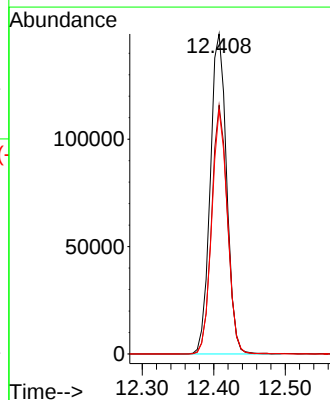
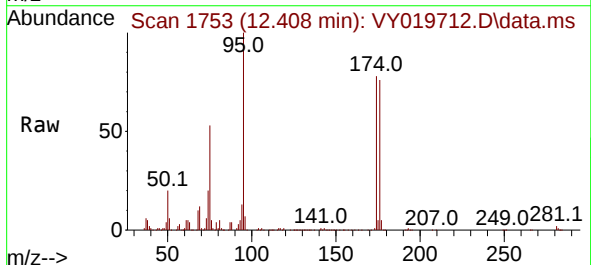
Instrument :
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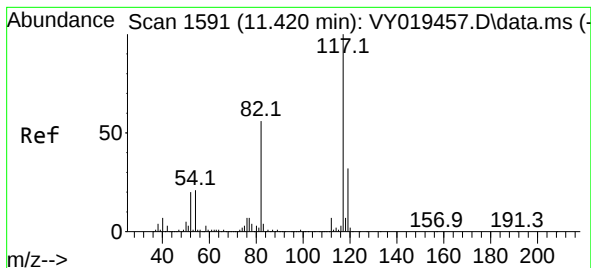
Tgt Ion: 98 Resp: 713673
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.709 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

Tgt Ion: 95 Resp: 236461
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 73.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019712.D

Acq: 26 Sep 2024 14:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-T-VOC

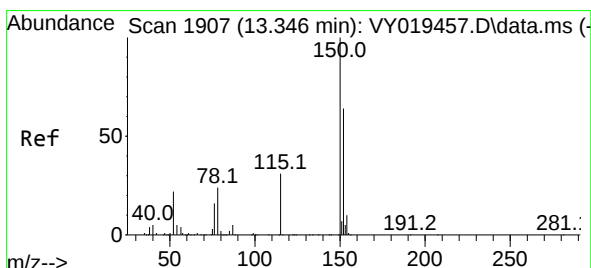
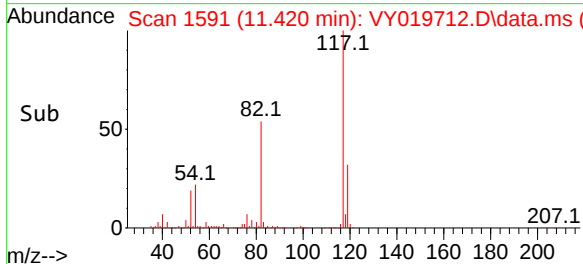
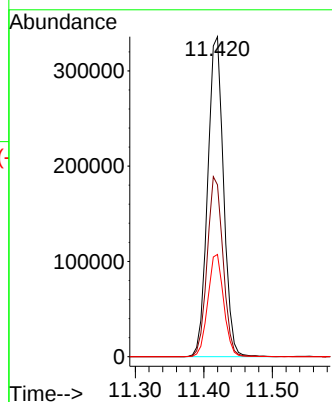
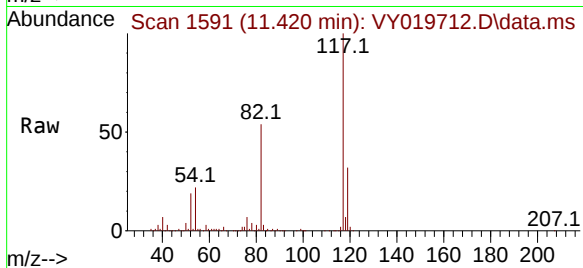
Tgt Ion:117 Resp: 541195

Ion Ratio Lower Upper

117 100

82 53.7 42.4 63.6

119 32.0 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: VY019712.D

Acq: 26 Sep 2024 14:56

Tgt Ion:152 Resp: 208248

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 157.8 0.0 345.6

