

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019508.D
 Acq On : 11 Sep 2024 14:56
 Operator : SY/MD
 Sample : P3906-03
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-701-VOC-01

Quant Time: Sep 12 01:32:26 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	374526	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	732814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	652093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	244106	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	216145	62.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.660%
35) Dibromofluoromethane	7.634	113	228164	54.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.820%
50) Toluene-d8	10.103	98	876050	57.005	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.000%
62) 4-Bromofluorobenzene	12.408	95	286092	48.415	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.840%

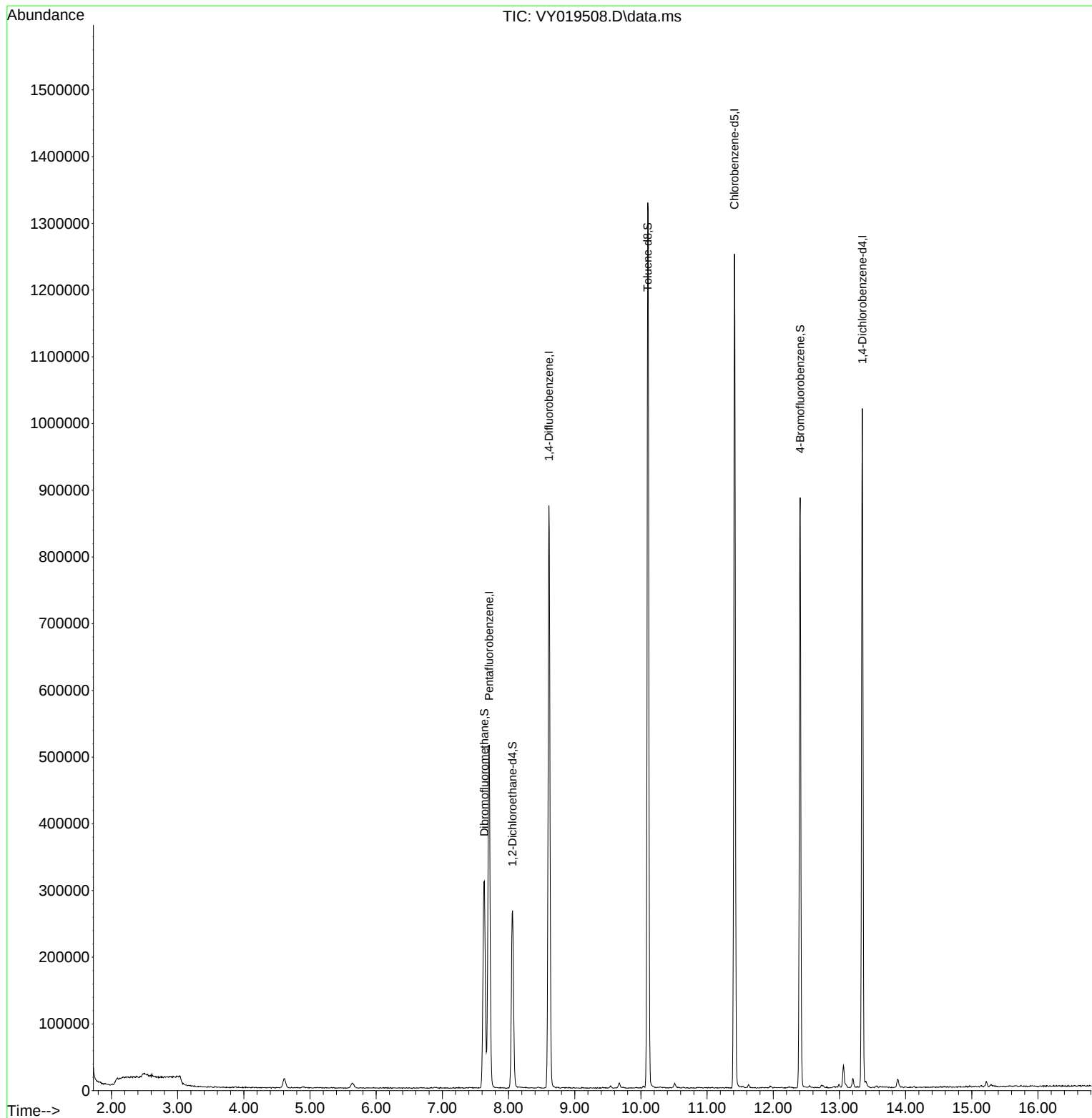
Target Compounds	Qvalue

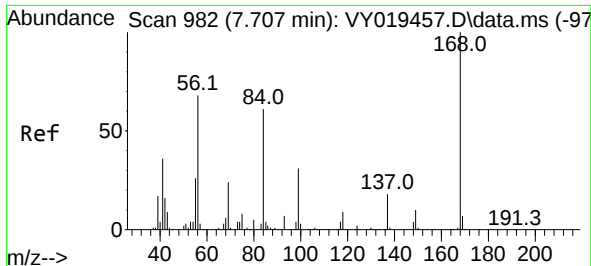
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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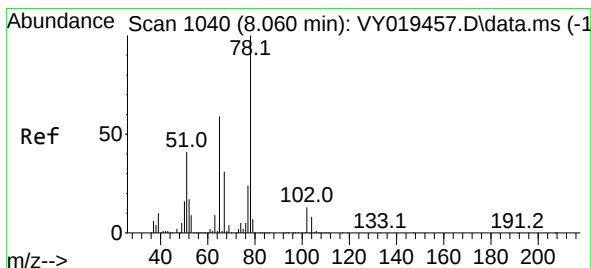
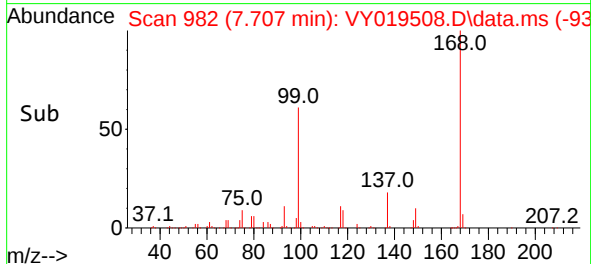
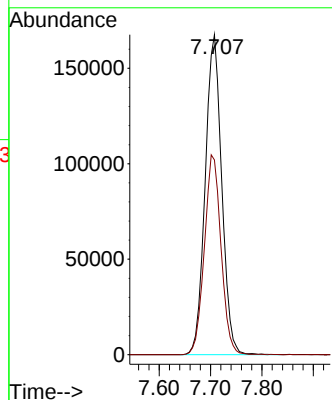
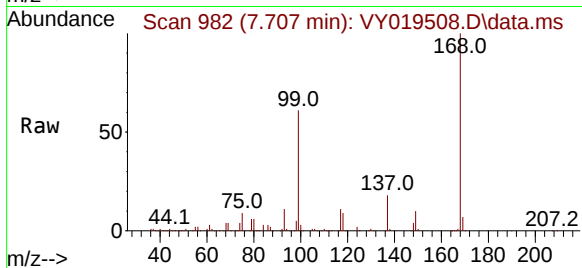




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

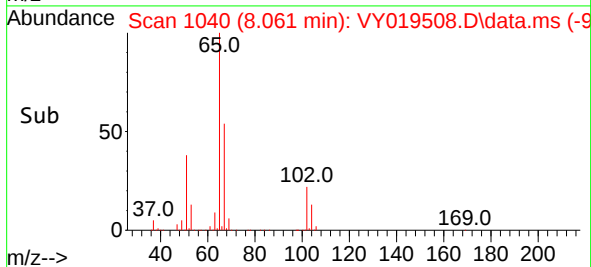
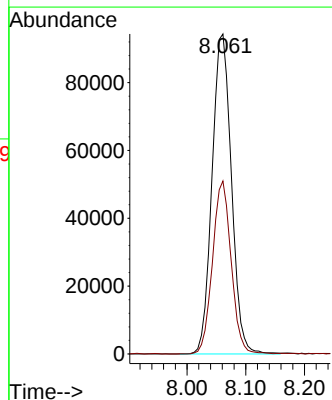
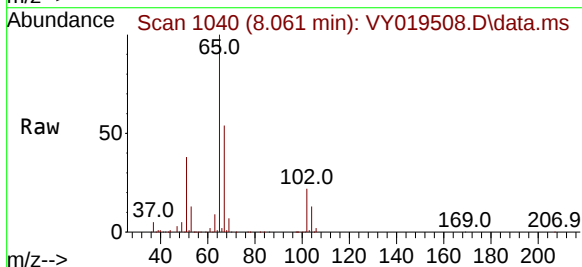
Instrument :
MSVOA_Y
ClientSampleId :
SU-701-VOC-01

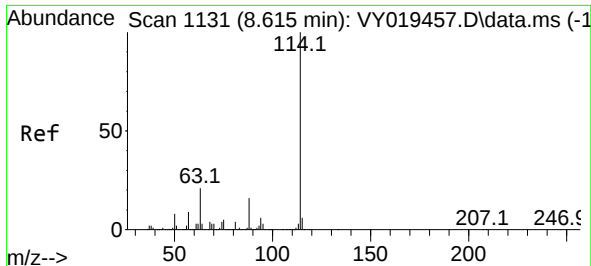
Tgt Ion:168 Resp: 374526
Ion Ratio Lower Upper
168 100
99 60.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 62.325 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Tgt Ion: 65 Resp: 216145
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

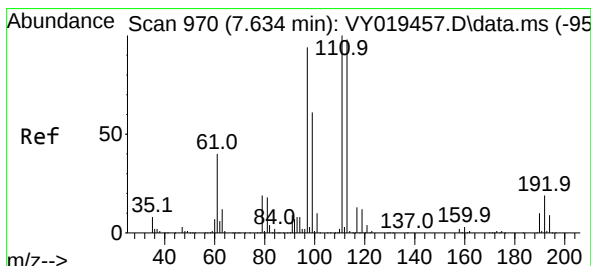
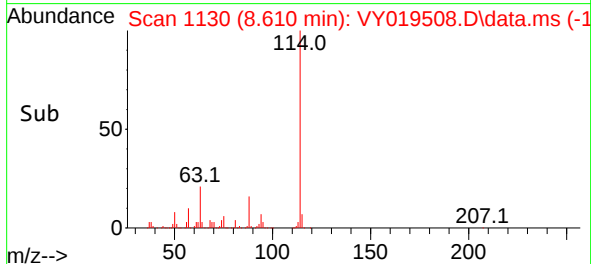
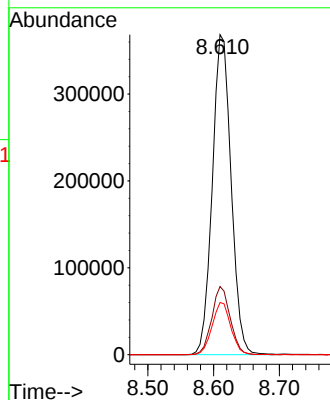
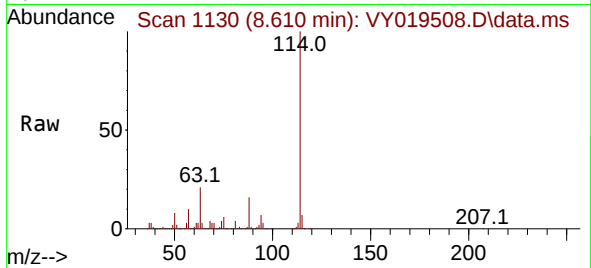




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

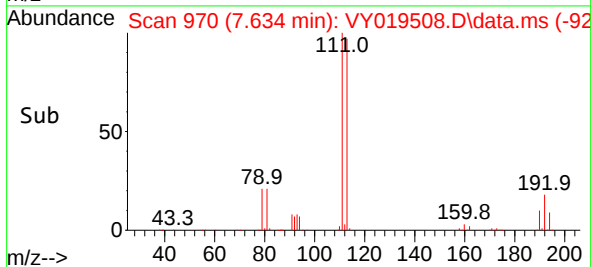
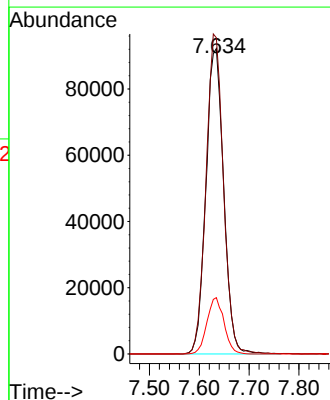
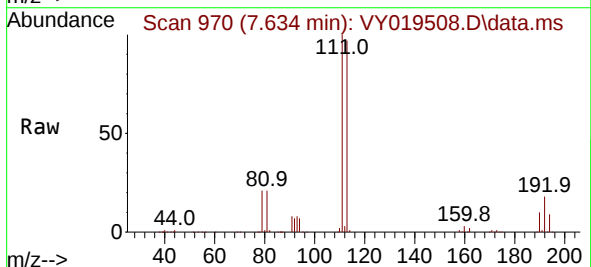
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SU-701-VOC-01

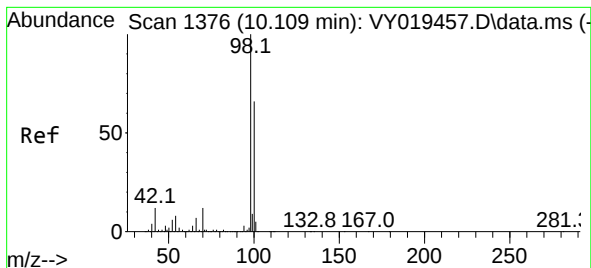
Tgt Ion:114 Resp: 732814
Ion Ratio Lower Upper
114 100
63 21.3 0.0 35.0
88 16.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.914 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Tgt Ion:113 Resp: 228164
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.7 15.9 23.9

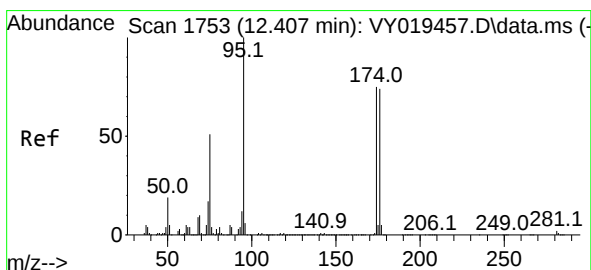
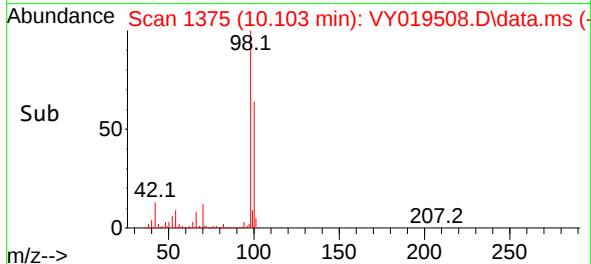
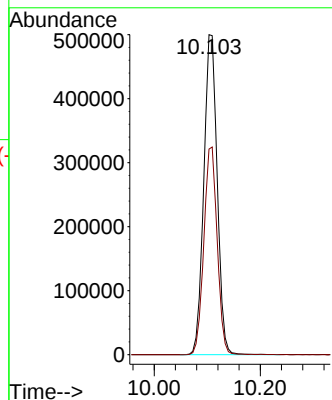
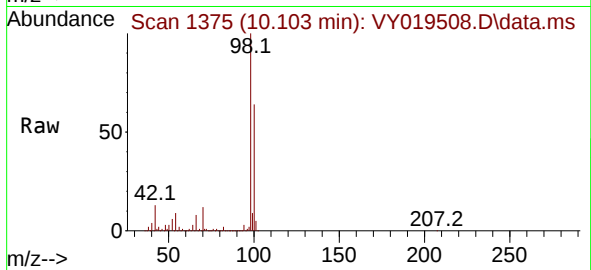




#50
Toluene-d8
Concen: 57.005 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

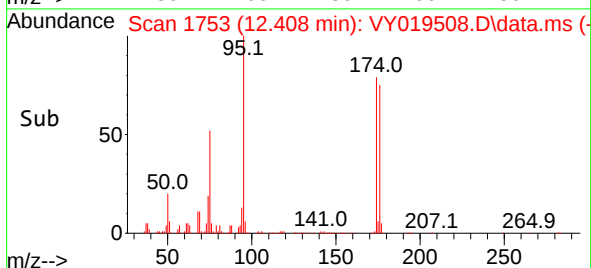
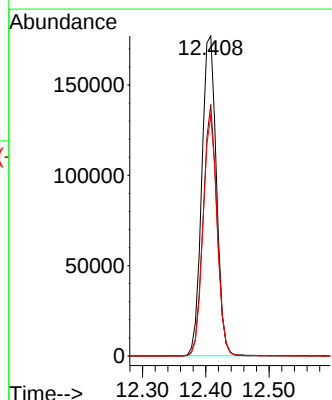
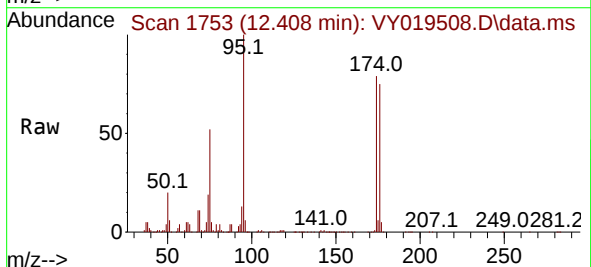
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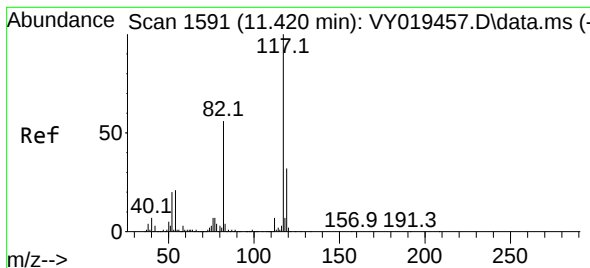
Tgt Ion: 98 Resp: 876050
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.415 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Tgt Ion: 95 Resp: 286092
Ion Ratio Lower Upper
95 100
174 74.4 0.0 175.6
176 71.9 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: VY019508.D

Acq: 11 Sep 2024 14:56

Instrument :

MSVOA_Y

ClientSampleId :

SU-701-VOC-01

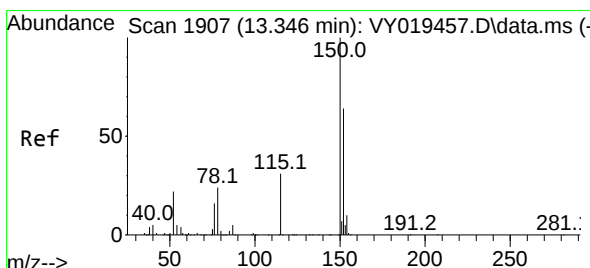
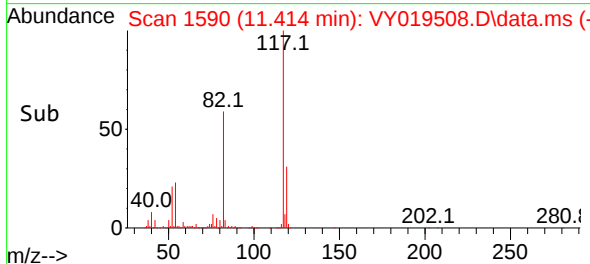
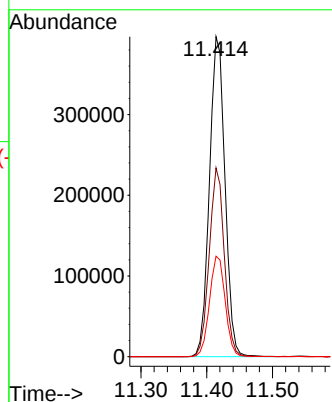
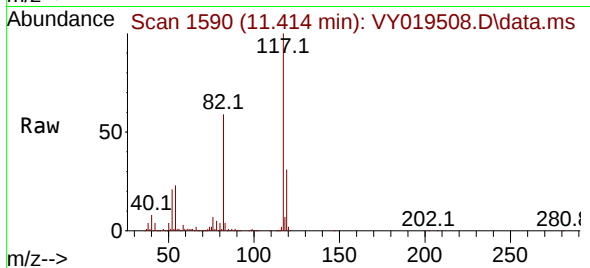
Tgt Ion:117 Resp: 652093

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019508.D

Acq: 11 Sep 2024 14:56

Tgt Ion:152 Resp: 244106

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 157.2 0.0 345.6

