

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019989.D
 Acq On : 23 Oct 2024 13:12
 Operator : SY/MD
 Sample : P4487-07
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-B27-VOC

Quant Time: Oct 23 23:07:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	232588	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	477756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	425587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	147570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	157744	55.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.160%	
35) Dibromofluoromethane	7.634	113	156107	49.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.040%	
50) Toluene-d8	10.103	98	586147	50.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.402	95	174332	41.441	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.880%	

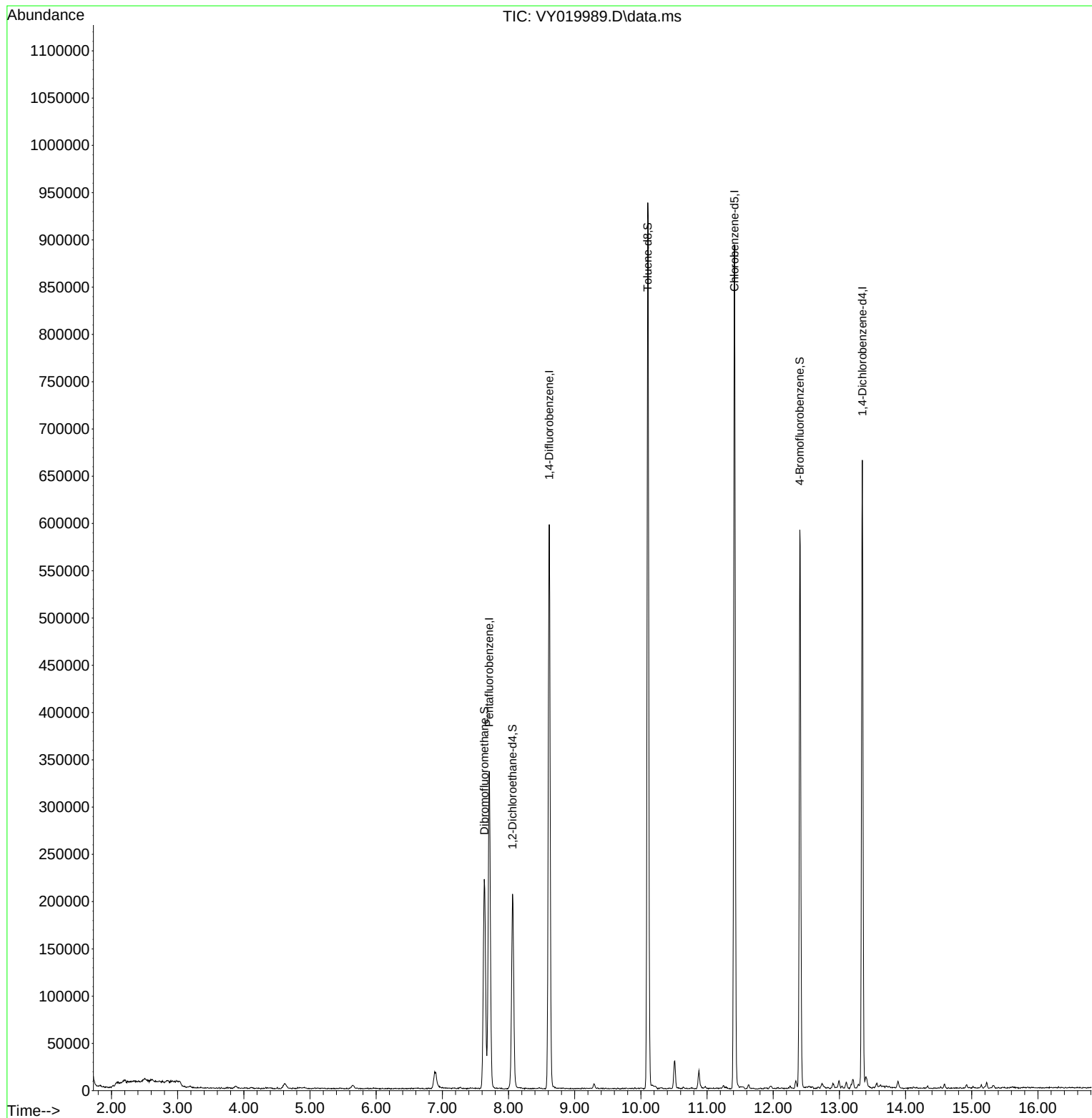
Target Compounds	Qvalue

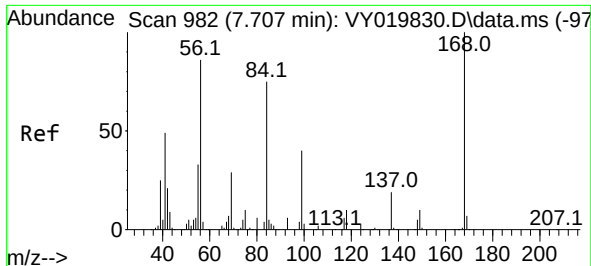
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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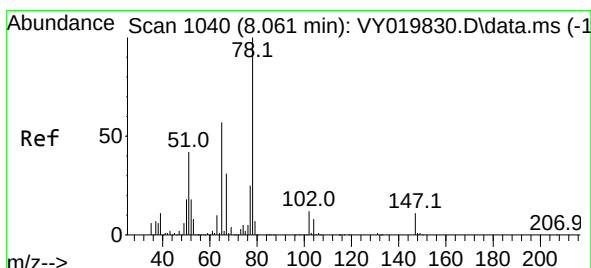
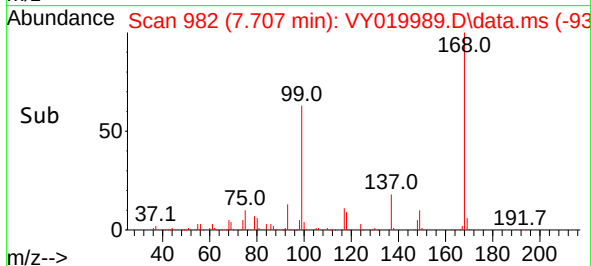
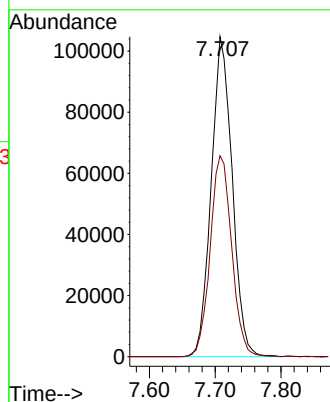
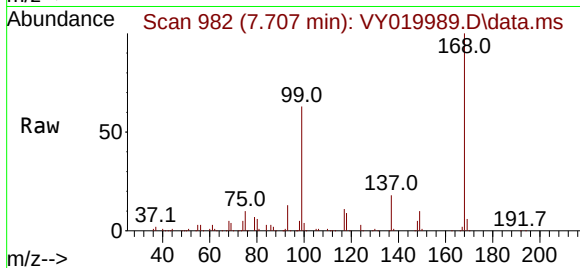




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

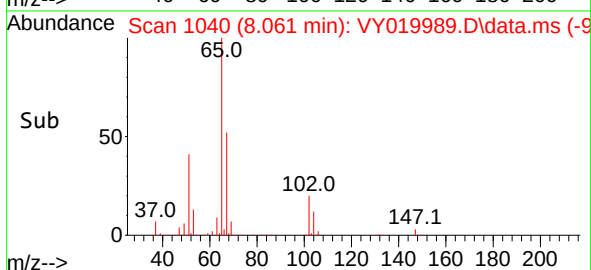
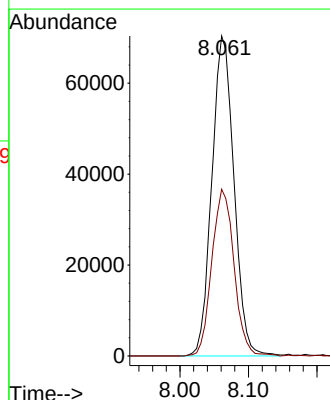
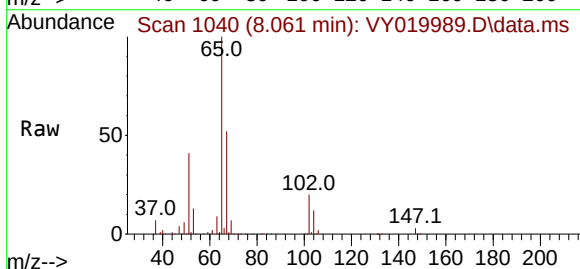
Instrument :
MSVOA_Y
ClientSampleId :
BP-B27-VOC

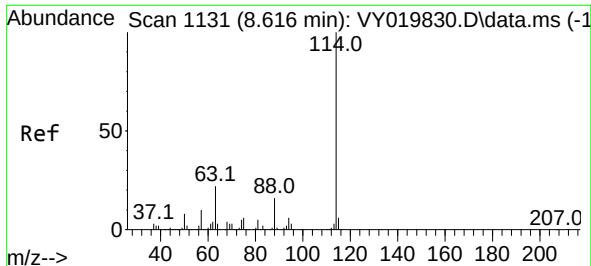
Tgt Ion:168 Resp: 232588
Ion Ratio Lower Upper
168 100
99 62.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.081 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

Tgt Ion: 65 Resp: 157744
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: VY019989.D

Acq: 23 Oct 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

BP-B27-VOC

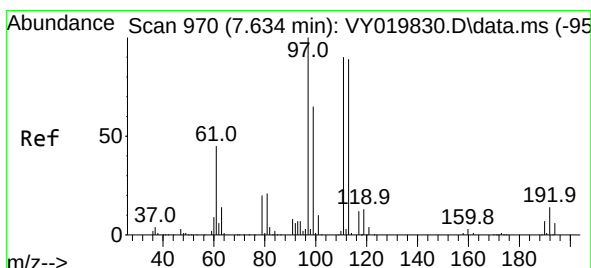
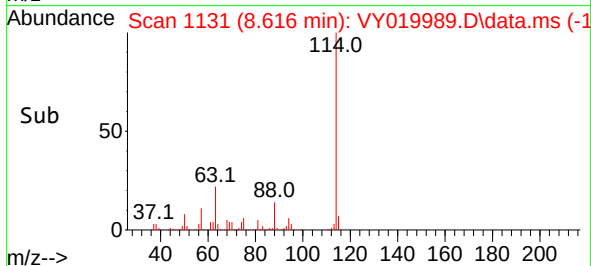
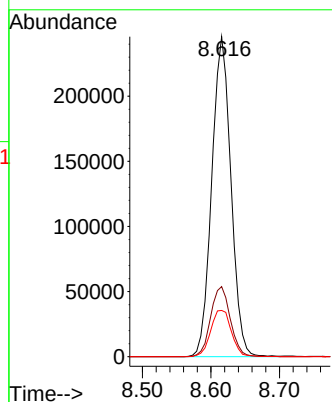
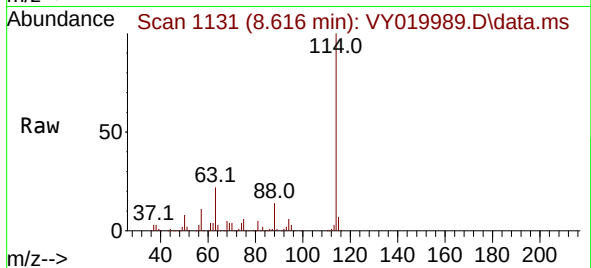
Tgt Ion:114 Resp: 477756

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.516 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019989.D

Acq: 23 Oct 2024 13:12

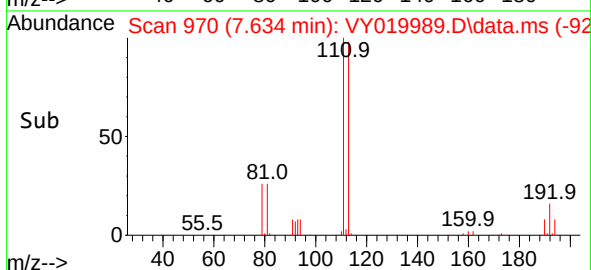
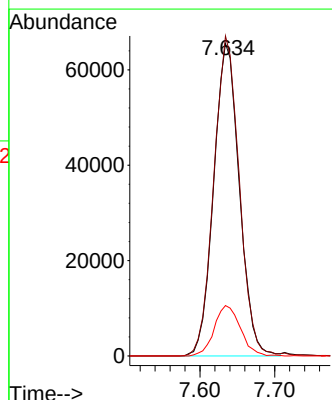
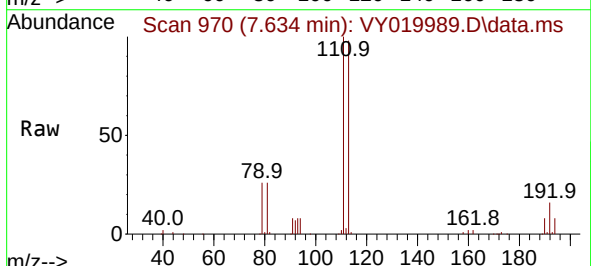
Tgt Ion:113 Resp: 156107

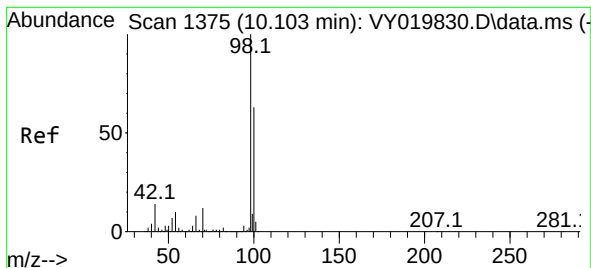
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 16.5 15.9 23.9

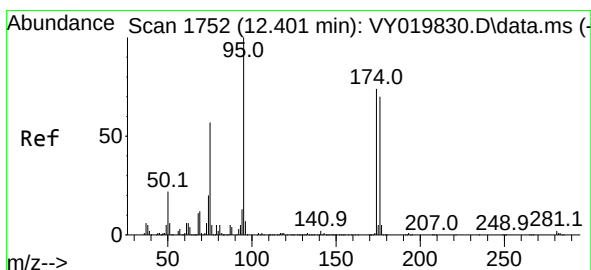
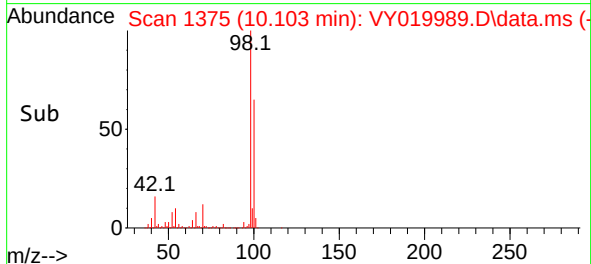
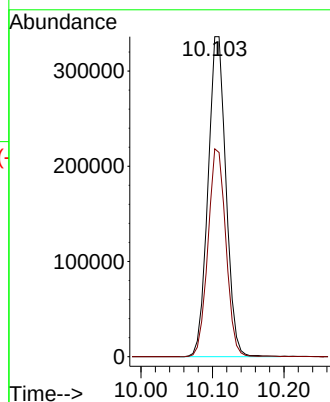
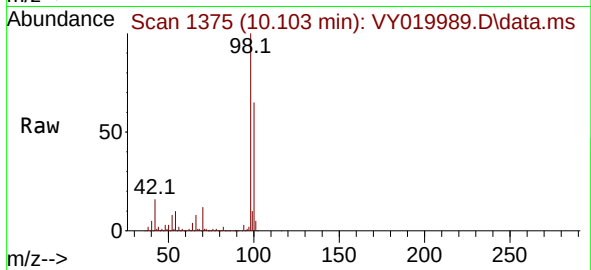




#50
Toluene-d8
Concen: 50.346 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

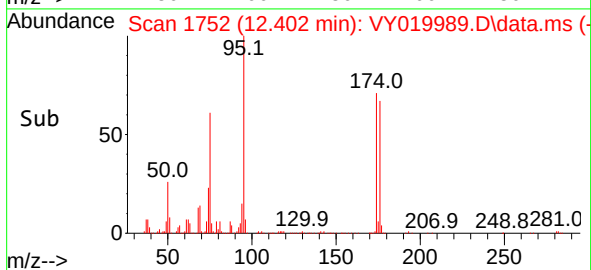
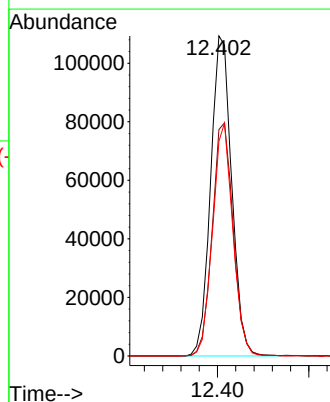
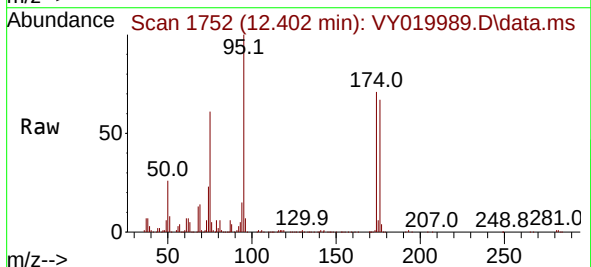
Instrument :
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BP-B27-VOC

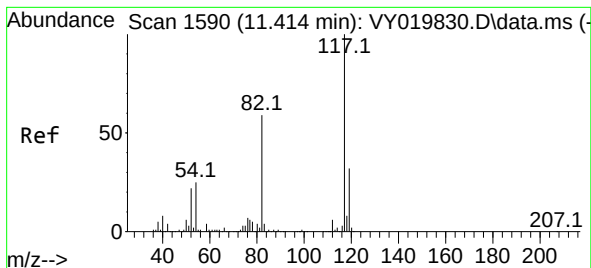
Tgt Ion: 98 Resp: 586147
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.441 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

Tgt Ion: 95 Resp: 174332
Ion Ratio Lower Upper
95 100
174 72.9 0.0 175.6
176 70.0 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: VY019989.D

Acq: 23 Oct 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

BP-B27-VOC

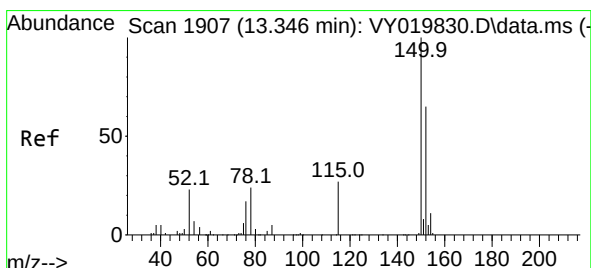
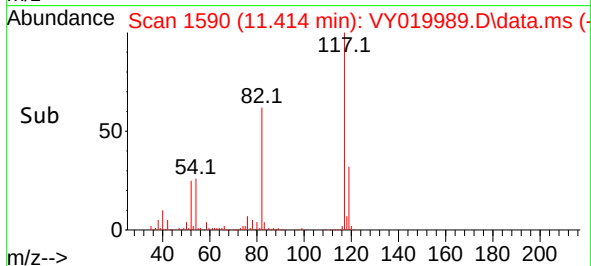
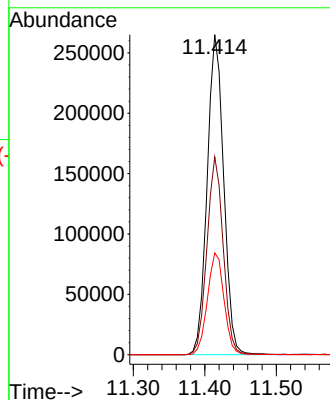
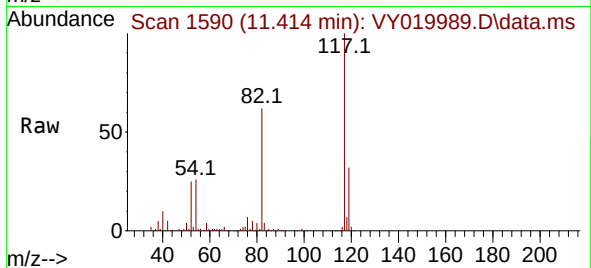
Tgt Ion:117 Resp: 425587

Ion Ratio Lower Upper

117 100

82 61.8 42.4 63.6

119 31.8 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: VY019989.D

Acq: 23 Oct 2024 13:12

Tgt Ion:152 Resp: 147570

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 156.8 0.0 345.6

