

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016459.D
 Acq On : 22 Nov 2023 14:00
 Operator : SY/MD
 Sample : 05468-07
 Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10-VOC

Quant Time: Nov 23 04:06:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

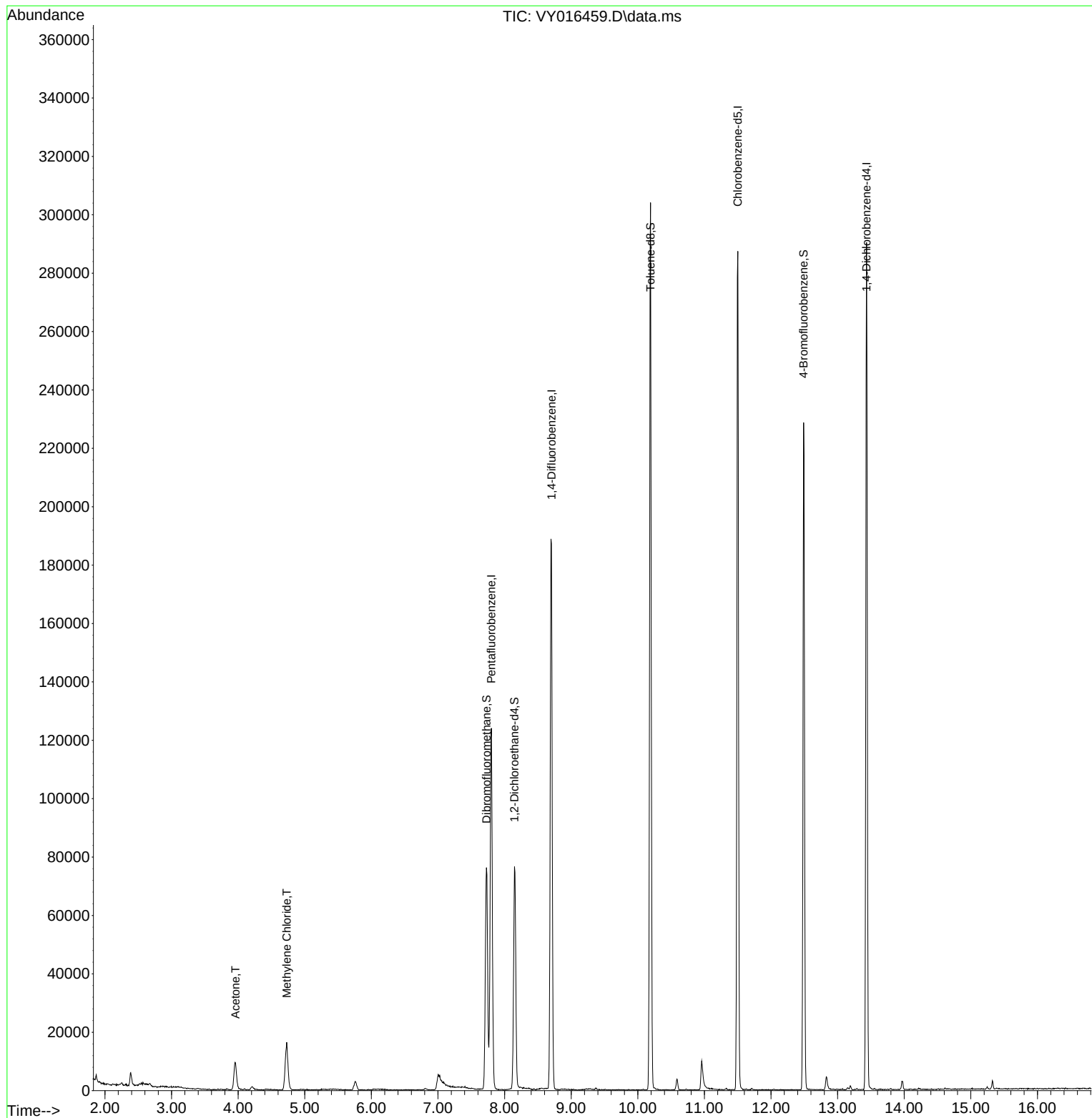
Internal Standards						
1) Pentafluorobenzene	7.801	168	99646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	175830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	169128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61791	67.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.700%
35) Dibromofluoromethane	7.728	113	55636	55.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.400%
50) Toluene-d8	10.191	98	203666	50.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.489	95	71591	54.420	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.840%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	17020	112.981	ug/l	92
20) Methylene Chloride	4.729	84	12731	9.117	ug/l #	79

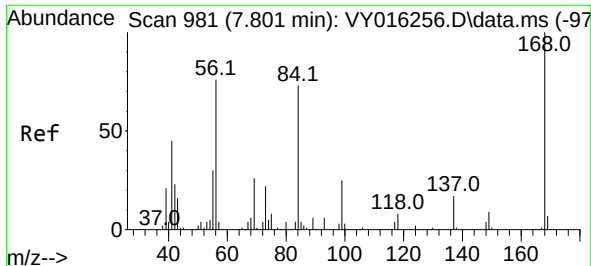
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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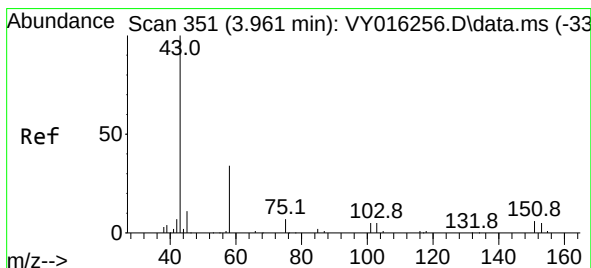
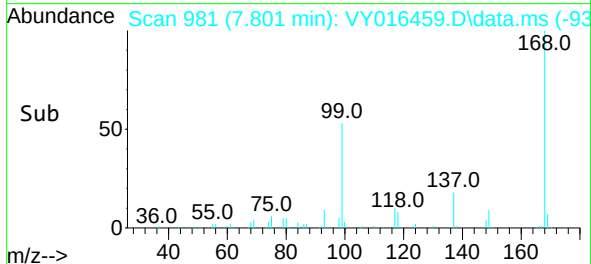
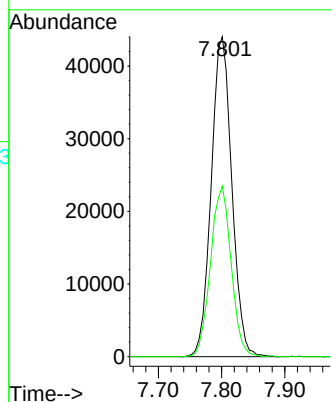
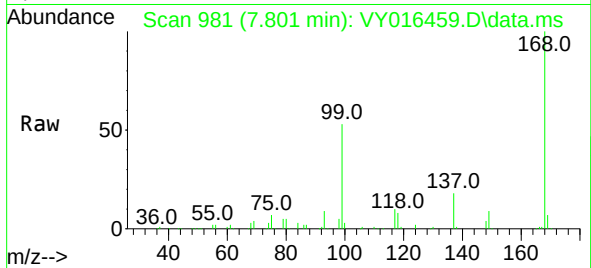




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

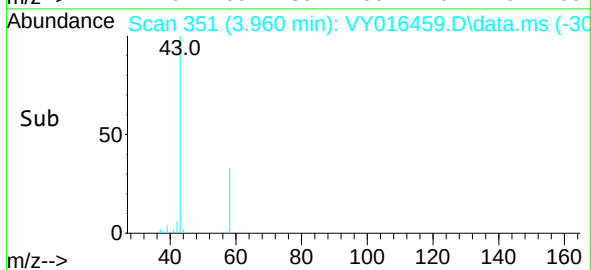
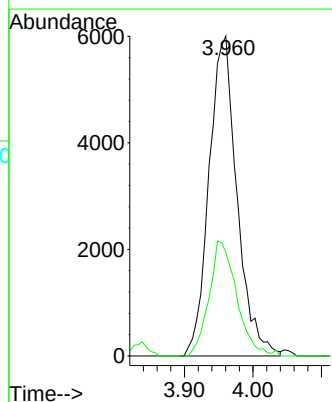
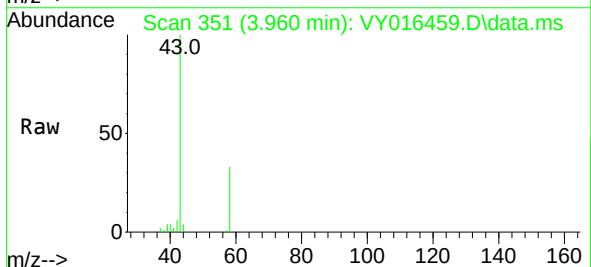
Instrument :
MSVOA_Y
ClientSampleId :
TP-10-VOC

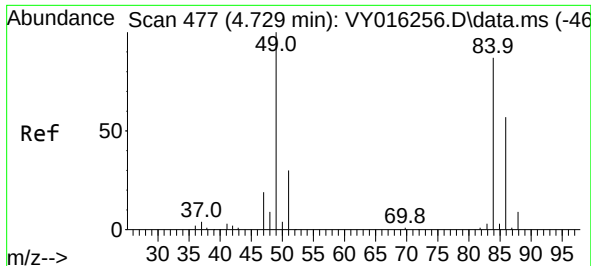
Tgt Ion:168 Resp: 99646
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#16
Acetone
Concen: 112.981 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

Tgt Ion: 43 Resp: 17020
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1

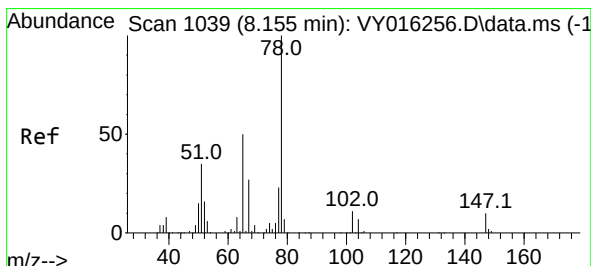
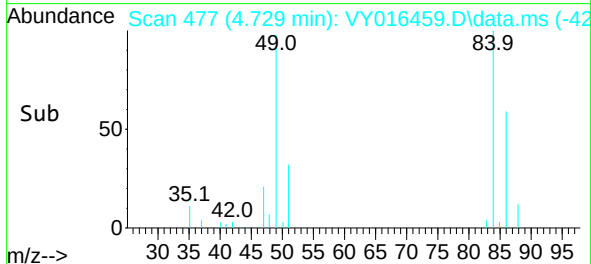
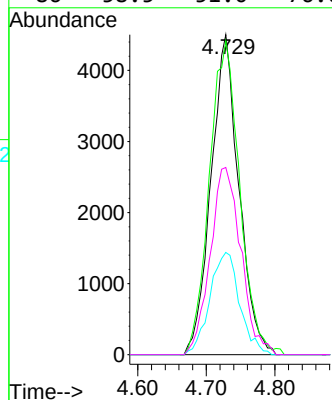
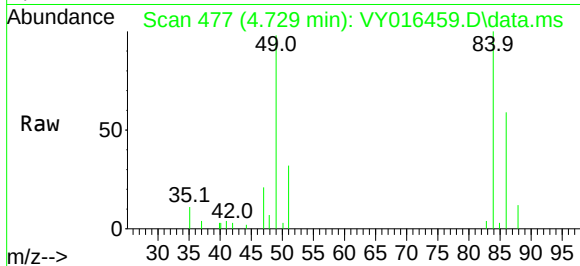




#20
Methylene Chloride
Concen: 9.117 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

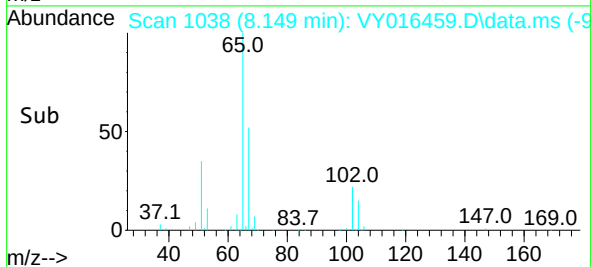
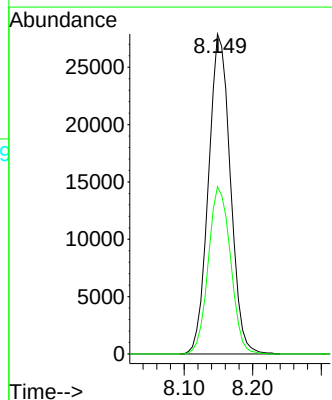
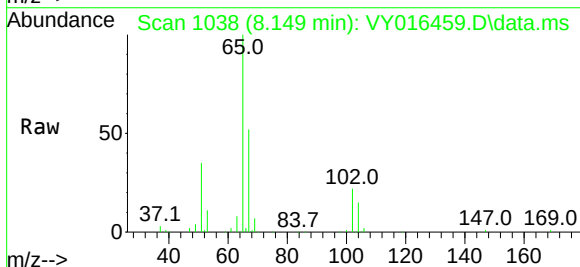
Instrument :
MSVOA_Y
ClientSampleId :
TP-10-VOC

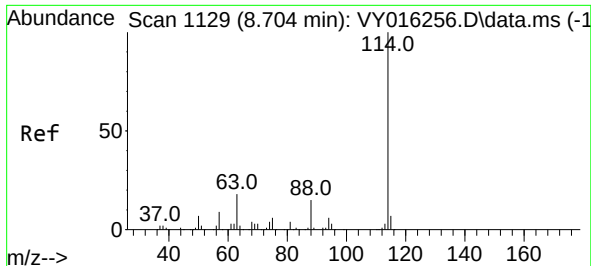
Tgt Ion: 84 Resp: 12731
Ion Ratio Lower Upper
84 100
49 98.0 106.9 160.3#
51 32.0 33.2 49.8#
86 58.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 67.848 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

Tgt Ion: 65 Resp: 61791
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016459.D

Acq: 22 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

TP-10-VOC

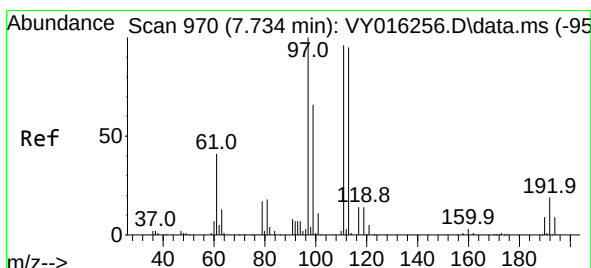
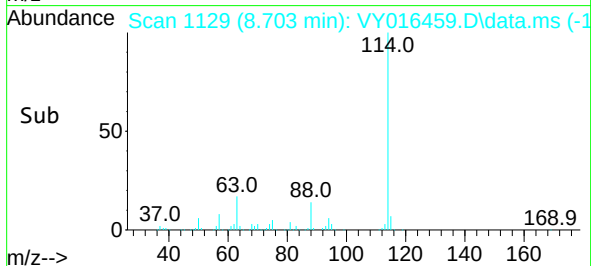
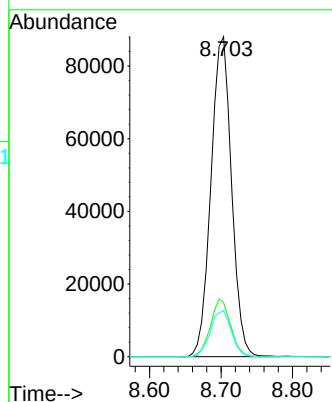
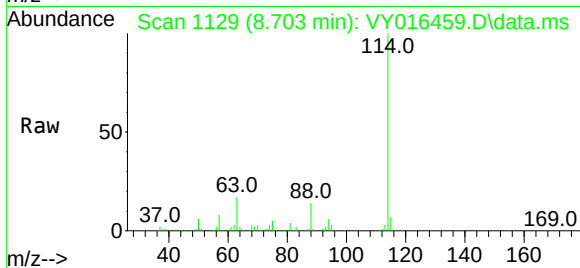
Tgt Ion:114 Resp: 175830

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.701 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016459.D

Acq: 22 Nov 2023 14:00

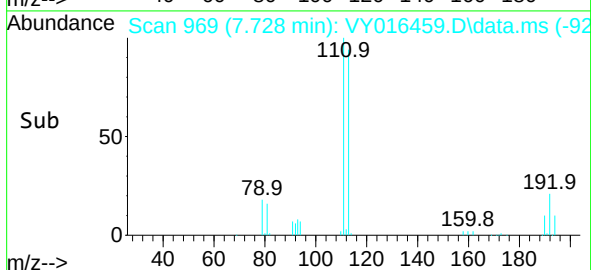
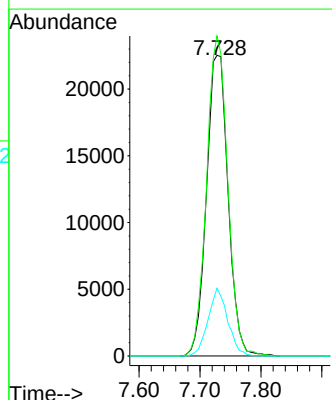
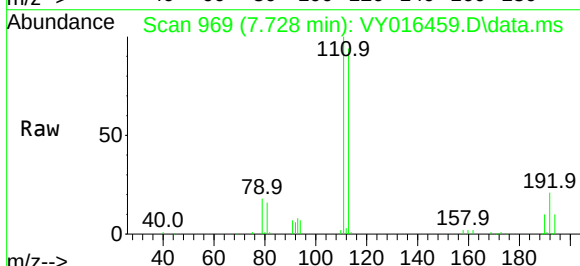
Tgt Ion:113 Resp: 55636

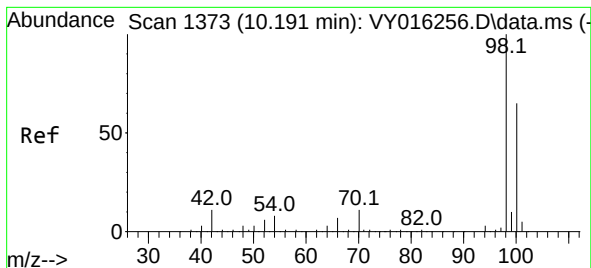
Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 20.4 16.9 25.3





#50

Toluene-d8

Concen: 50.282 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016459.D

Acq: 22 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

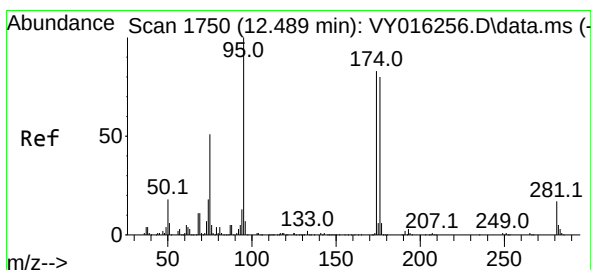
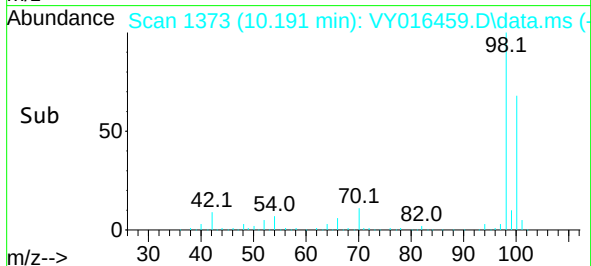
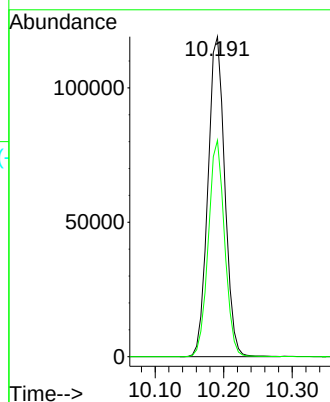
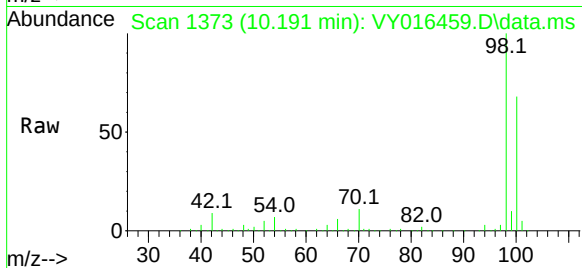
TP-10-VOC

Tgt Ion: 98 Resp: 203666

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 54.420 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016459.D

Acq: 22 Nov 2023 14:00

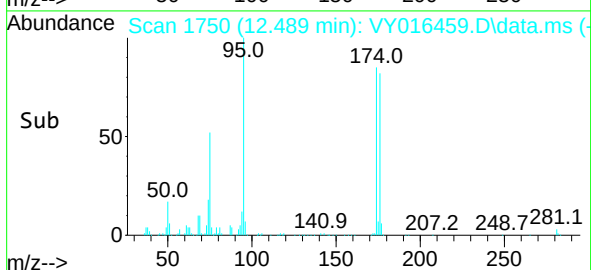
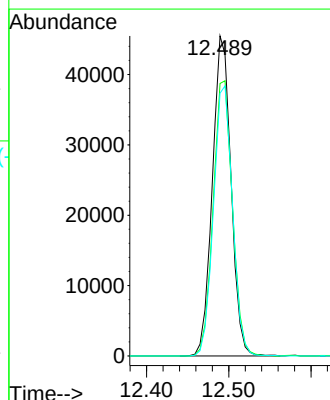
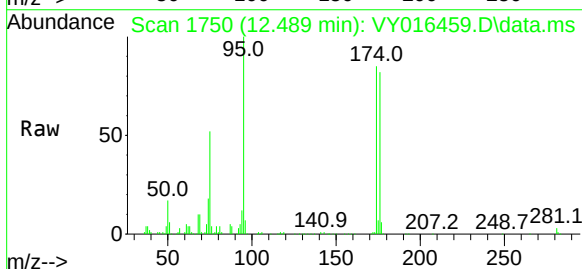
Tgt Ion: 95 Resp: 71591

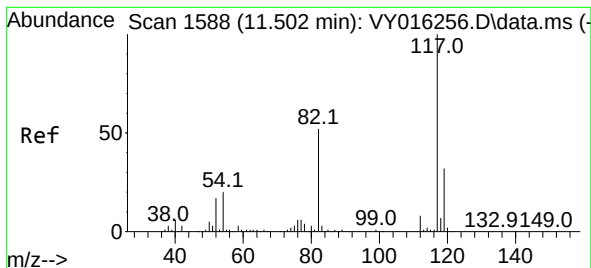
Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.2

176 86.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016459.D

Acq: 22 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

TP-10-VOC

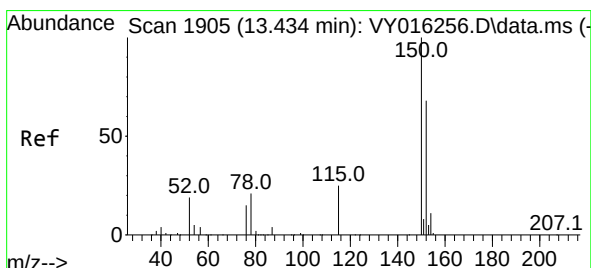
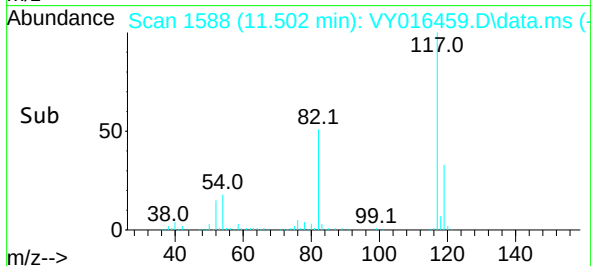
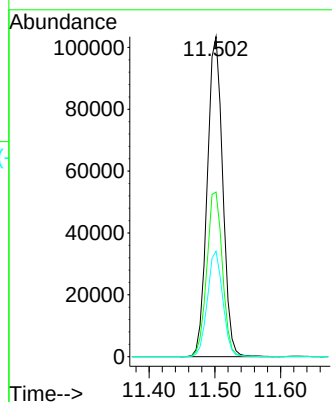
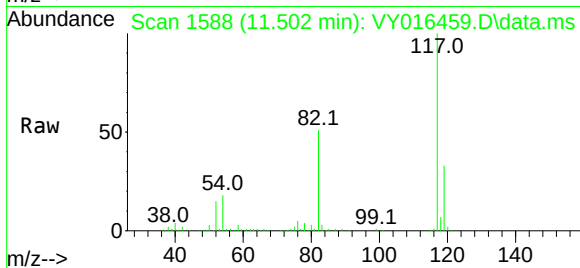
Tgt Ion:117 Resp: 169128

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 33.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016459.D

Acq: 22 Nov 2023 14:00

Tgt Ion:152 Resp: 80769

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 156.5 0.0 348.8

