

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016478.D
 Acq On : 24 Nov 2023 12:45
 Operator : SY/MD
 Sample : 05469-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-VOC

Quant Time: Nov 27 05:33:19 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)

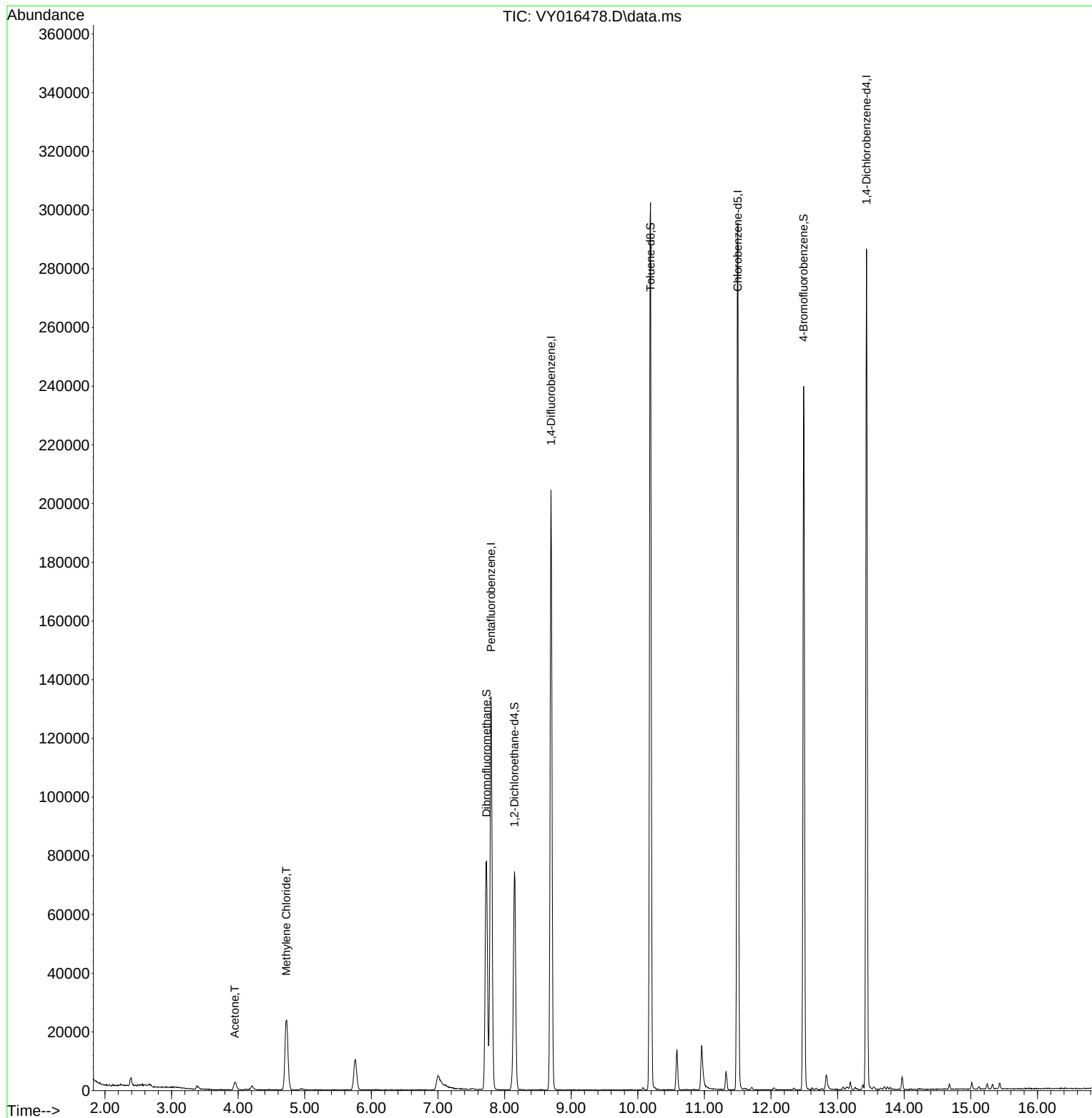
Internal Standards						
1) Pentafluorobenzene	7.795	168	106657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	176543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60139	61.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.380%
35) Dibromofluoromethane	7.728	113	57704	55.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.080%
50) Toluene-d8	10.191	98	212498	49.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.489	95	74306	53.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.640%
Target Compounds						Qvalue
16) Acetone	3.948	43	5062	31.393	ug/l #	85
20) Methylene Chloride	4.722	84	20890	15.970	ug/l #	83

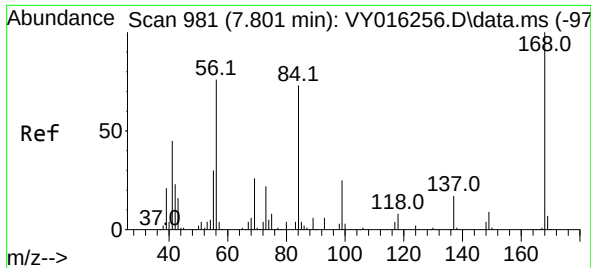
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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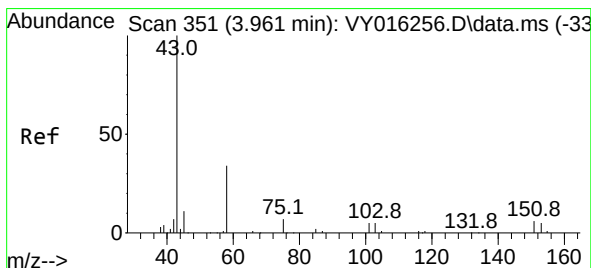
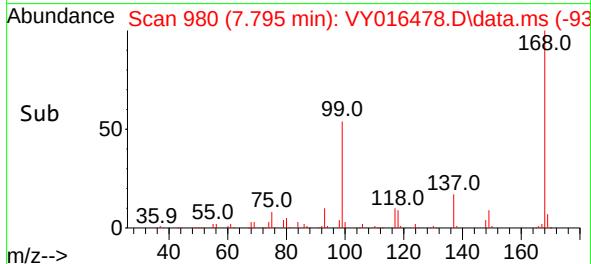
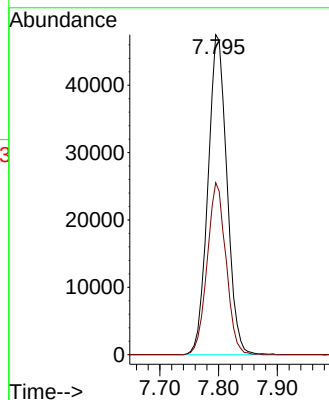
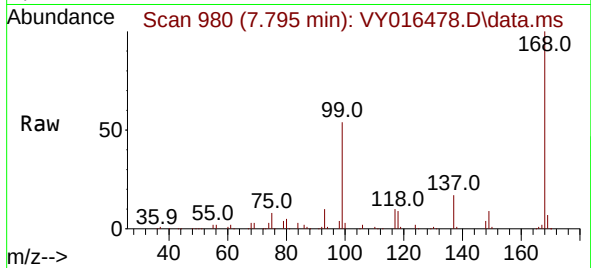




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016478.D
Acq: 24 Nov 2023 12:45

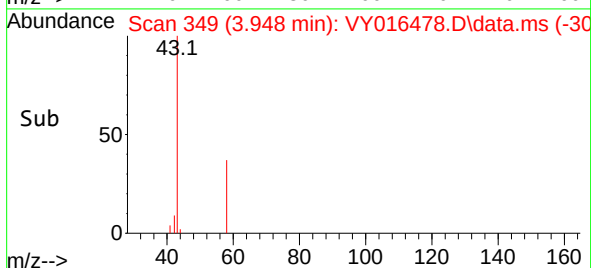
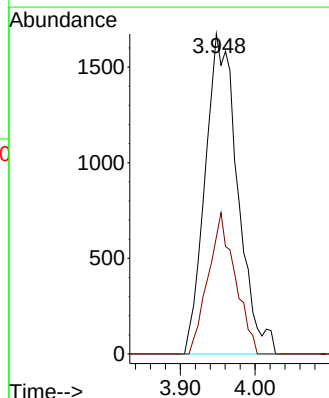
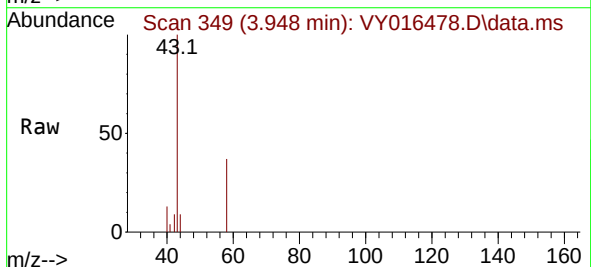
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

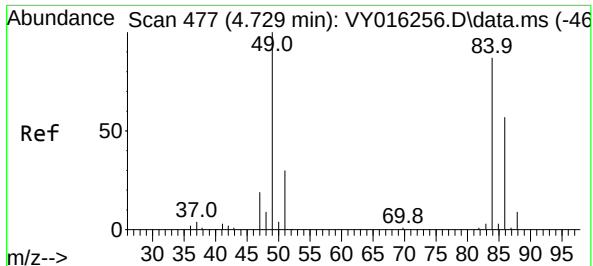
Tgt Ion:168 Resp: 106657
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 31.393 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016478.D
Acq: 24 Nov 2023 12:45

Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
58 36.6 22.7 34.1#

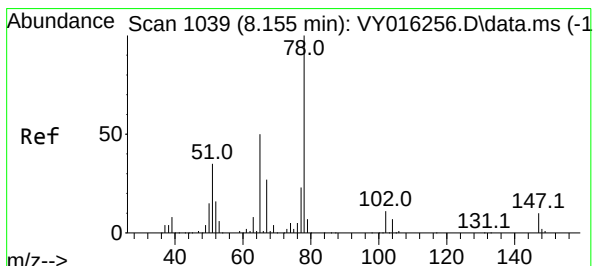
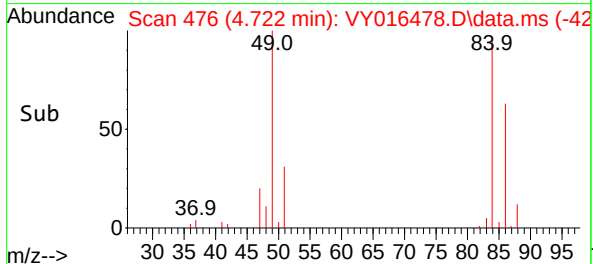
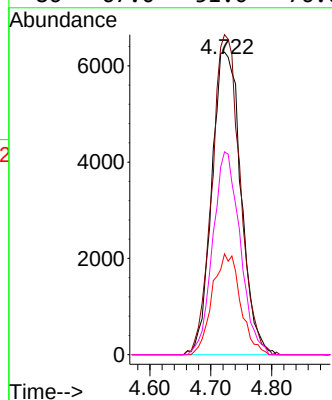
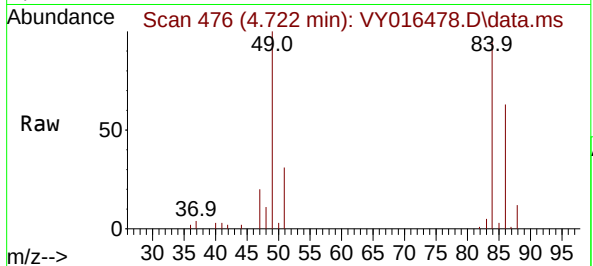




#20
Methylene Chloride
Concen: 15.970 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016478.D
Acq: 24 Nov 2023 12:45

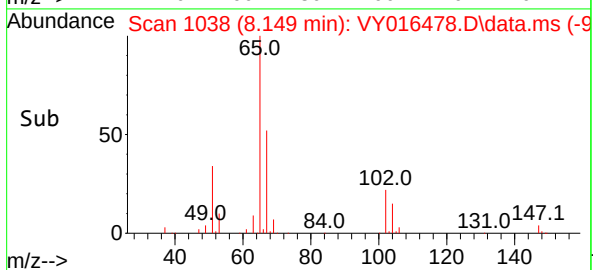
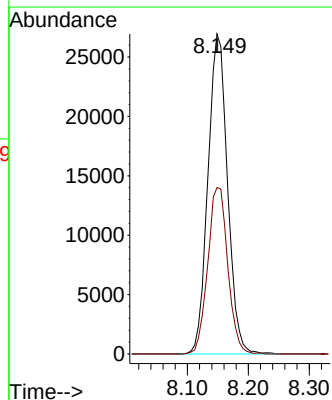
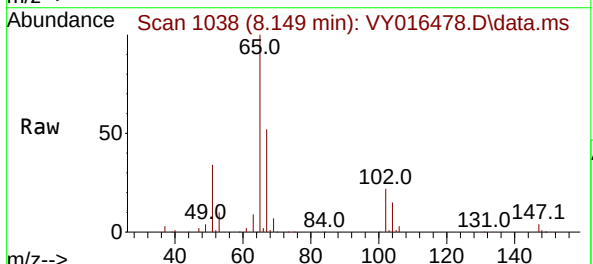
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

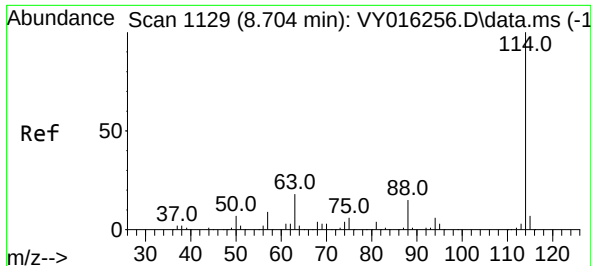
Tgt Ion: 84 Resp: 20890
Ion Ratio Lower Upper
84 100
49 105.7 106.9 160.3#
51 33.3 33.2 49.8
86 67.0 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 61.693 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016478.D
Acq: 24 Nov 2023 12:45

Tgt Ion: 65 Resp: 60139
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016478.D

Acq: 24 Nov 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-VOC

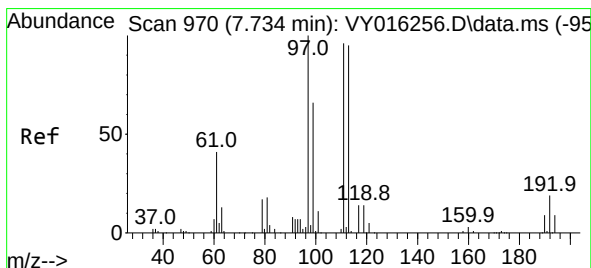
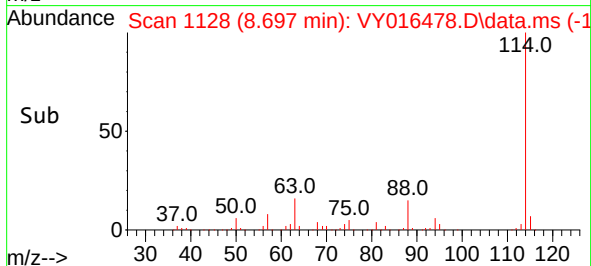
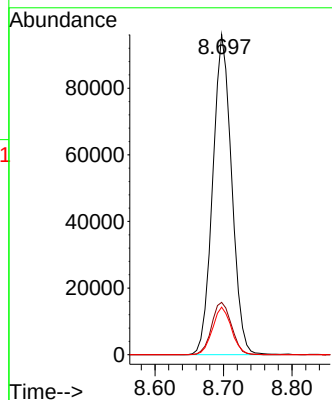
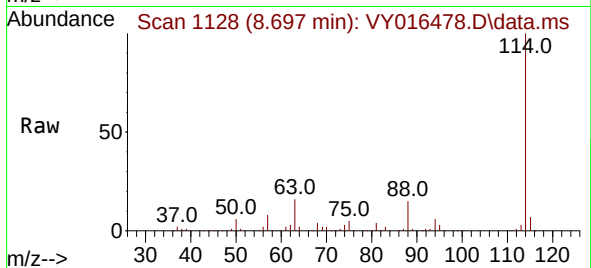
Tgt Ion:114 Resp: 184548

Ion Ratio Lower Upper

114 100

63 16.3 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.043 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016478.D

Acq: 24 Nov 2023 12:45

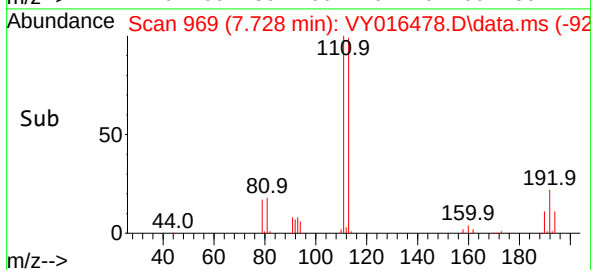
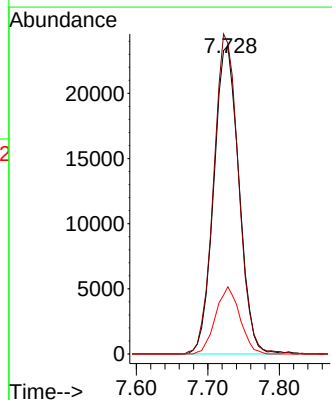
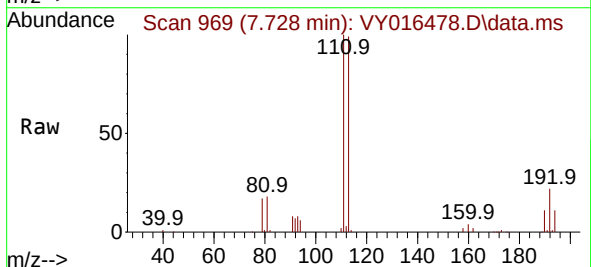
Tgt Ion:113 Resp: 57704

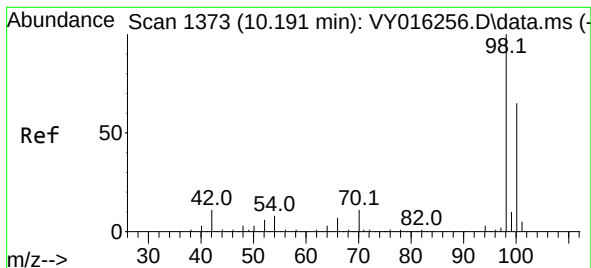
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 21.0 16.9 25.3





#50

Toluene-d8

Concen: 49.985 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016478.D

Acq: 24 Nov 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

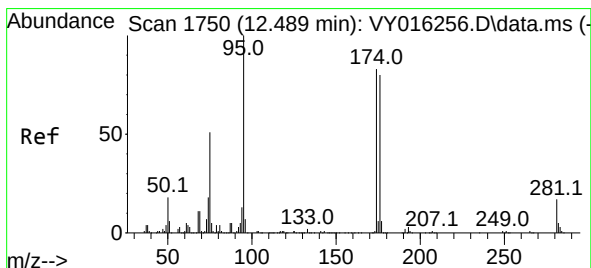
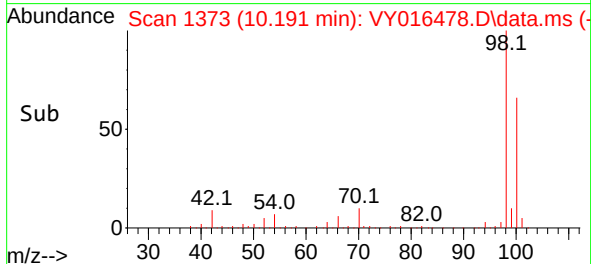
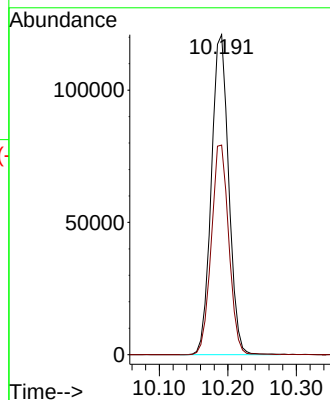
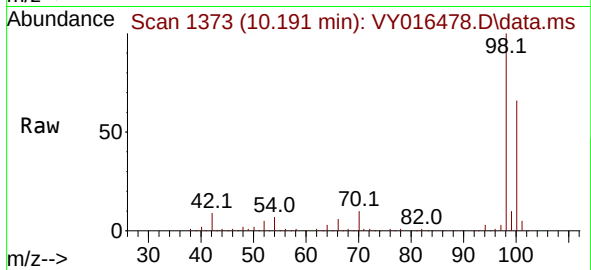
TP-12-VOC

Tgt Ion: 98 Resp: 212498

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.816 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016478.D

Acq: 24 Nov 2023 12:45

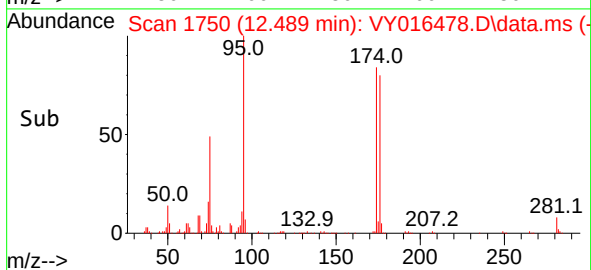
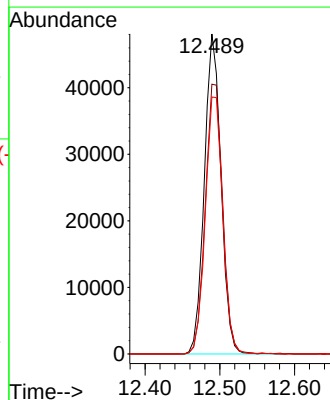
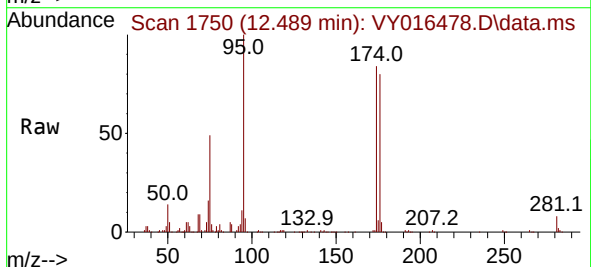
Tgt Ion: 95 Resp: 74306

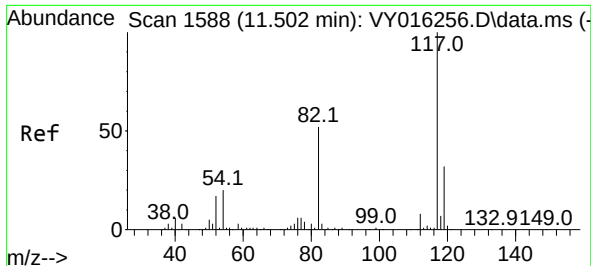
Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.2

176 84.2 0.0 173.8

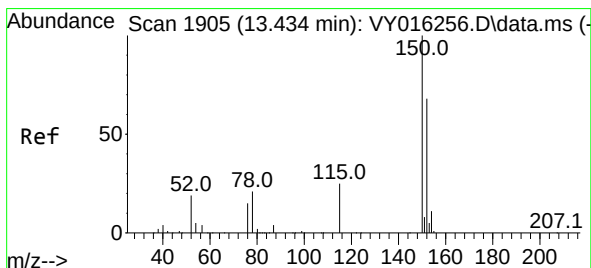
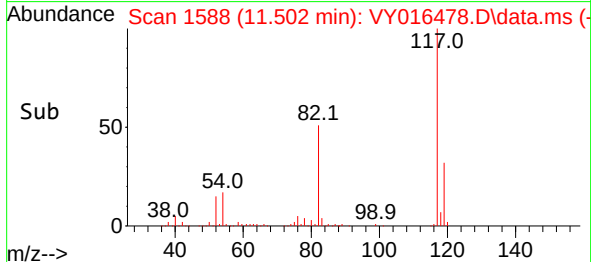
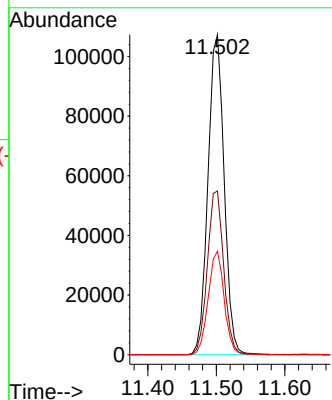
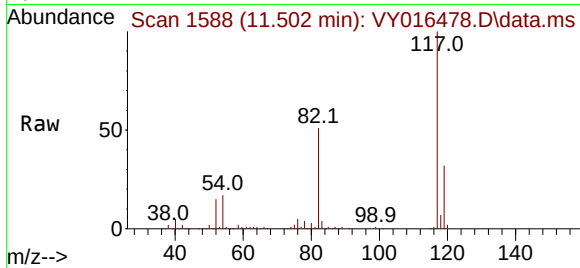




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016478.D
Acq: 24 Nov 2023 12:45

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

Tgt Ion:117 Resp: 176543
Ion Ratio Lower Upper
117 100
82 51.2 43.4 65.0
119 32.4 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: VY016478.D
Acq: 24 Nov 2023 12:45

Tgt Ion:152 Resp: 78792
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 157.3 0.0 348.8

