

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016346.D
 Acq On : 14 Nov 2023 14:08
 Operator : SY/MD
 Sample : 05388-03
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-VOC

Quant Time: Nov 15 05:28:18 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)

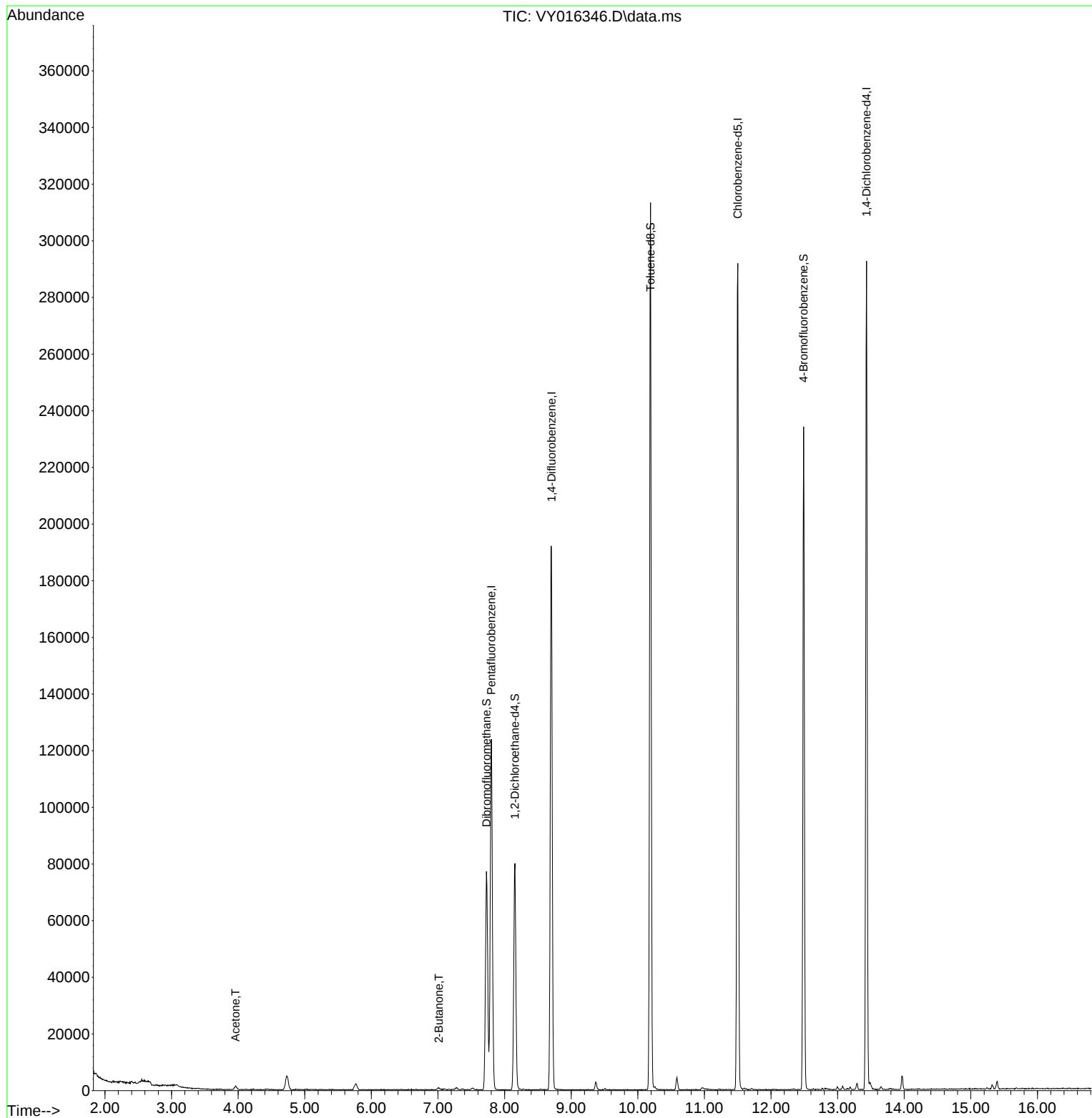
Internal Standards						
1) Pentafluorobenzene	7.801	168	96493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	172516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	167822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61722	69.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.980%
35) Dibromofluoromethane	7.728	113	54562	55.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.360%
50) Toluene-d8	10.191	98	203791	51.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.489	95	69953	54.196	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.400%
Target Compounds						Qvalue
16) Acetone	3.960	43	2127	14.581	ug/l #	83
25) 2-Butanone	7.015	43	1327	5.193	ug/l	95

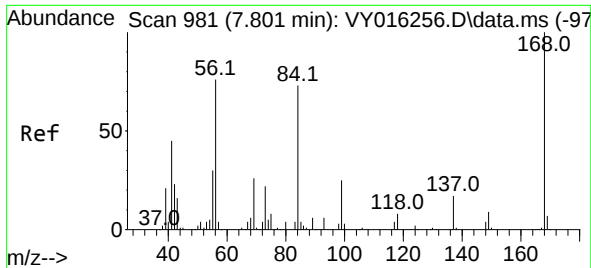
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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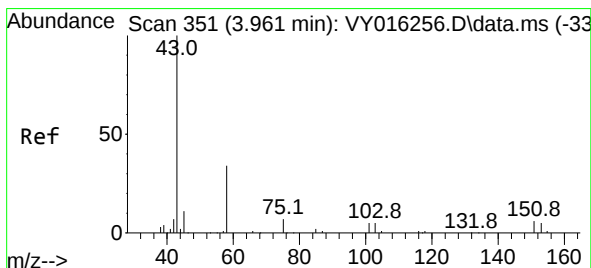
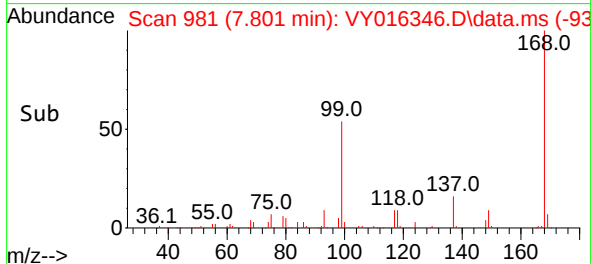
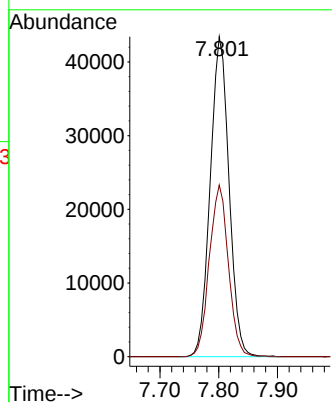
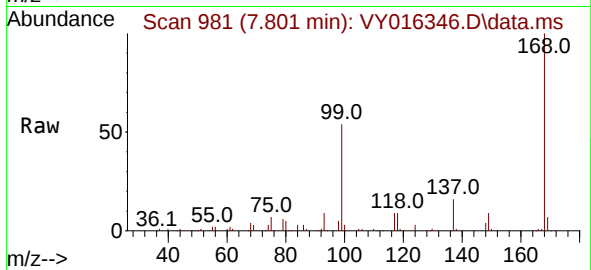




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

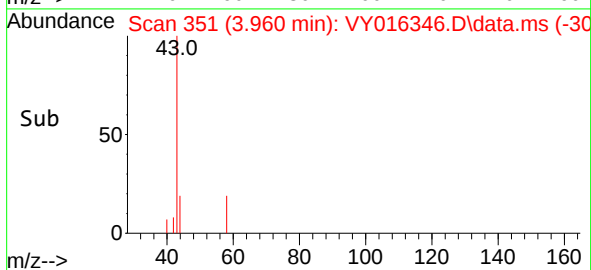
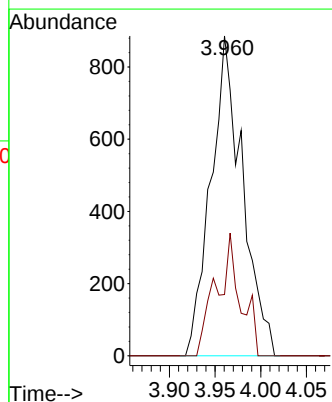
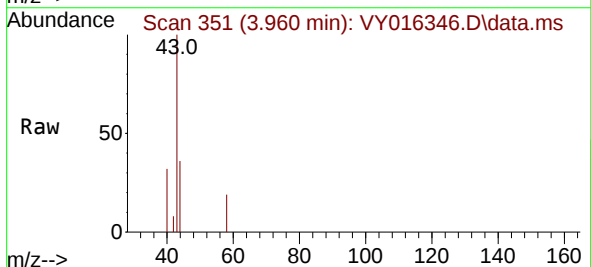
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

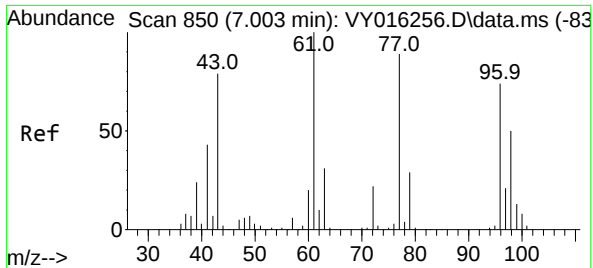
Tgt Ion:168 Resp: 96493
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 14.581 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
58 19.2 22.7 34.1#

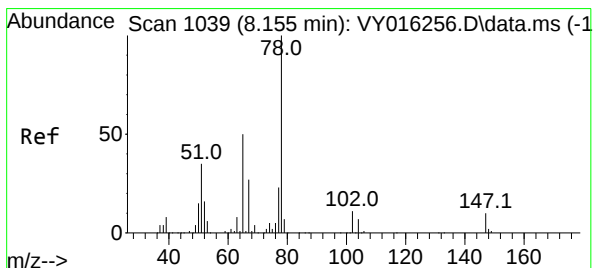
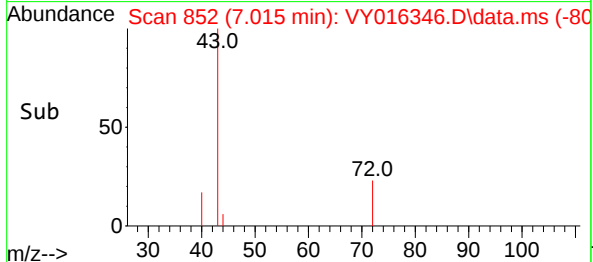
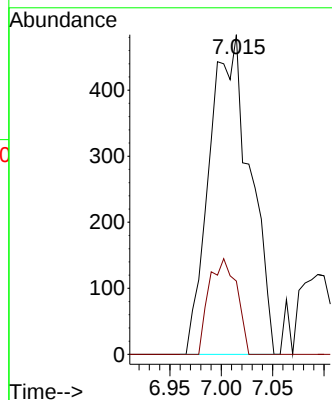
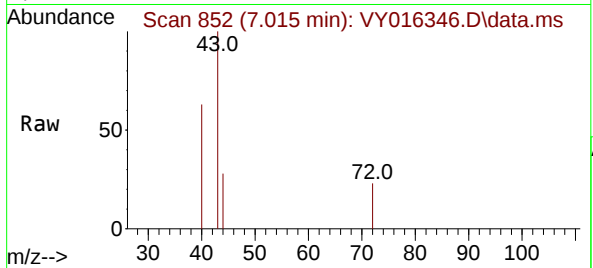




#25
2-Butanone
Concen: 5.193 ug/l
RT: 7.015 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

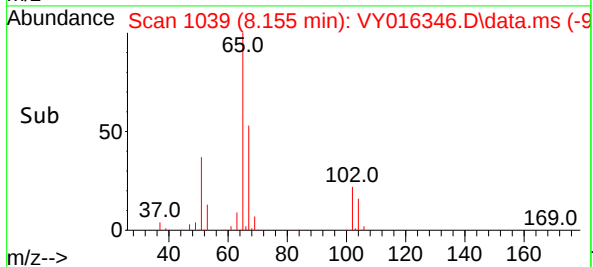
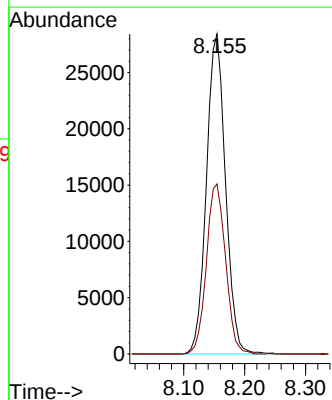
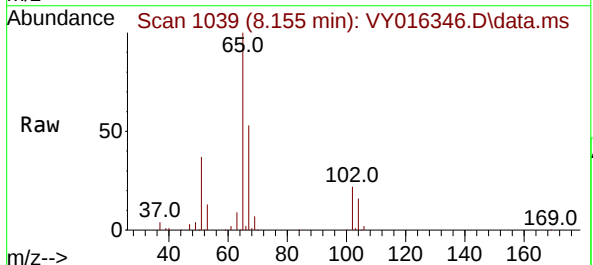
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

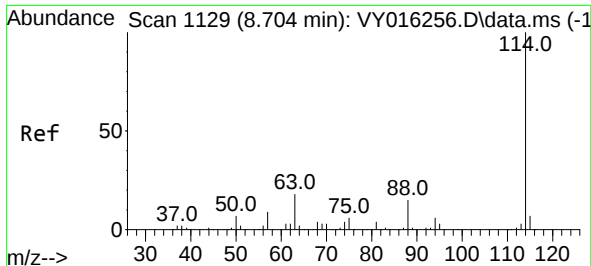
Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
72 22.9 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 69.987 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016346.D
Acq: 14 Nov 2023 14:08

Tgt Ion: 65 Resp: 61722
Ion Ratio Lower Upper
65 100
67 53.4 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: VY016346.D

Acq: 14 Nov 2023 14:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-VOC

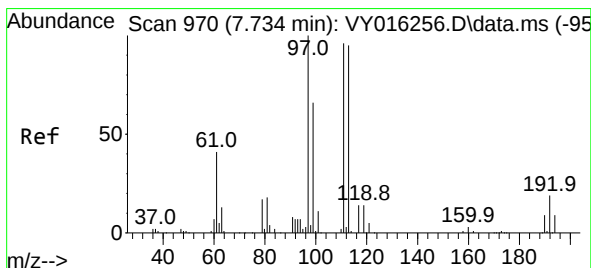
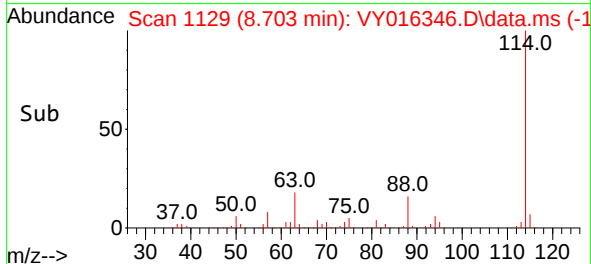
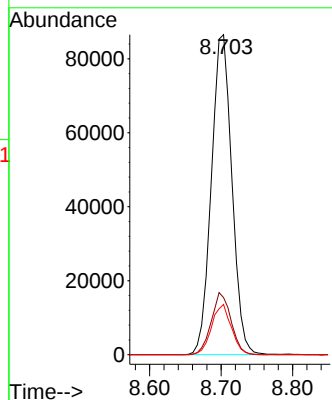
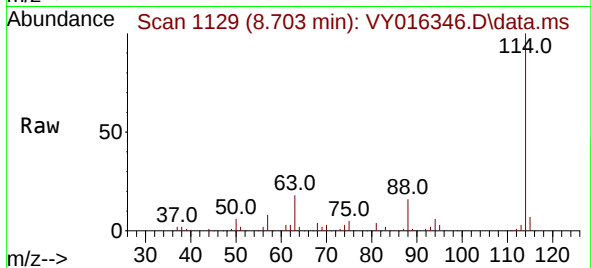
Tgt Ion:114 Resp: 172516

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.676 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016346.D

Acq: 14 Nov 2023 14:08

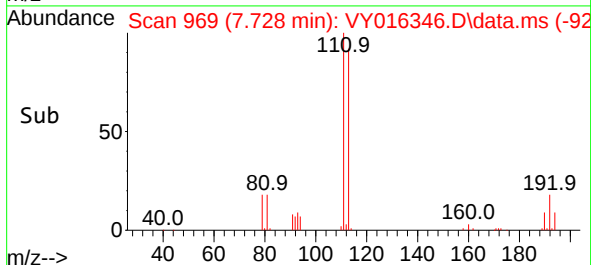
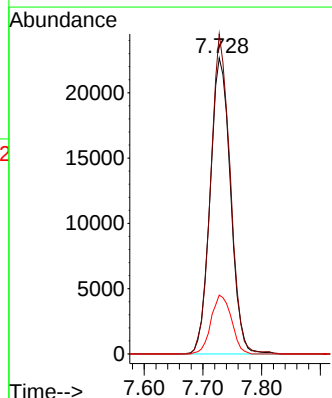
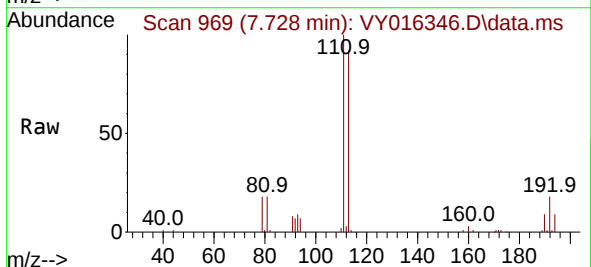
Tgt Ion:113 Resp: 54562

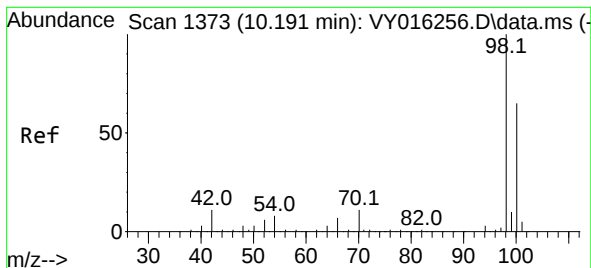
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.9 16.9 25.3





#50

Toluene-d8

Concen: 51.280 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016346.D

Acq: 14 Nov 2023 14:08

Instrument :

MSVOA_Y

ClientSampleId :

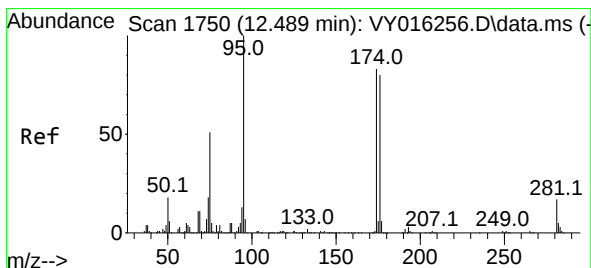
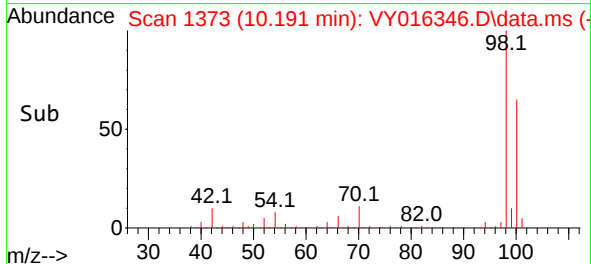
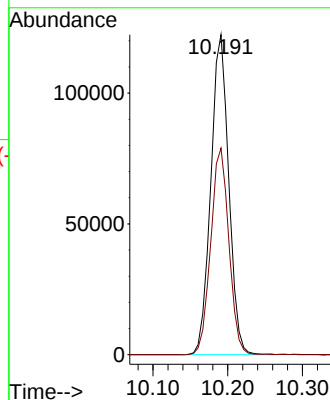
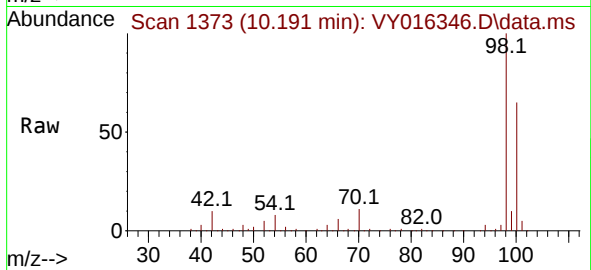
TP-3-VOC

Tgt Ion: 98 Resp: 203791

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 54.196 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016346.D

Acq: 14 Nov 2023 14:08

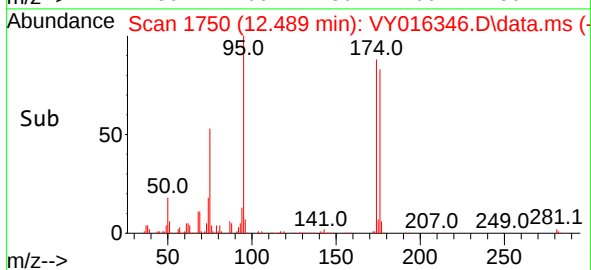
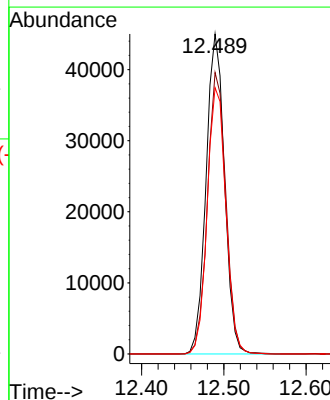
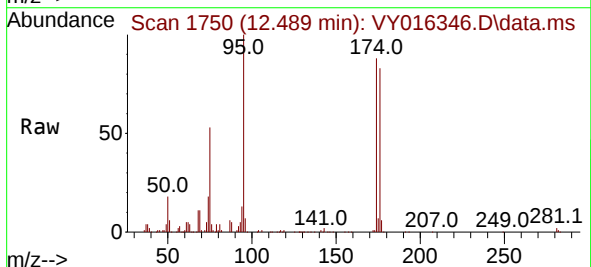
Tgt Ion: 95 Resp: 69953

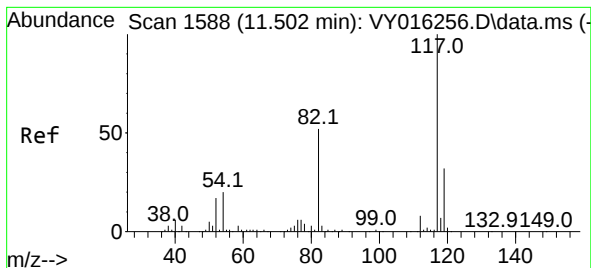
Ion Ratio Lower Upper

95 100

174 88.3 0.0 178.2

176 84.5 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: VY016346.D

Acq: 14 Nov 2023 14:08

Instrument :

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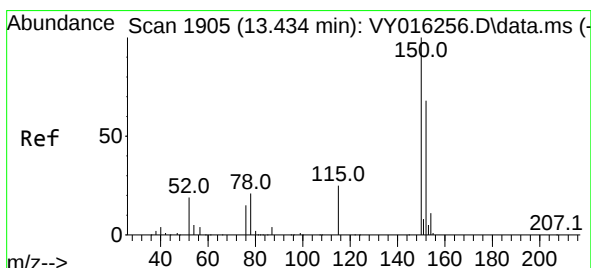
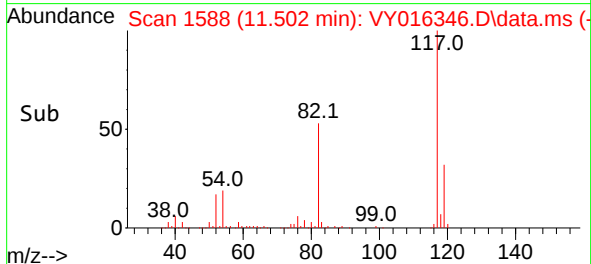
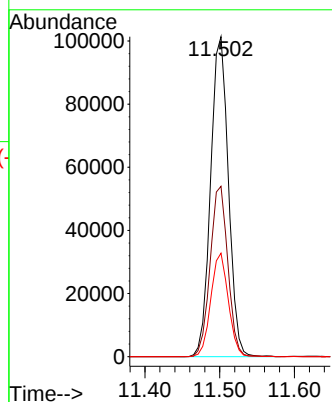
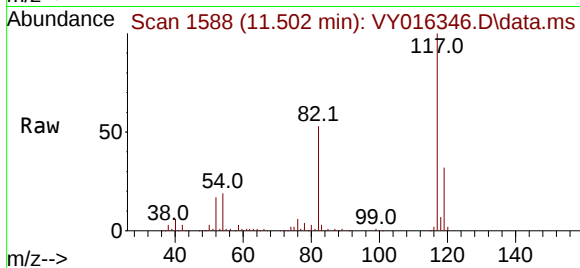
Tgt Ion:117 Resp: 167822

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.3 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: VY016346.D

Acq: 14 Nov 2023 14:08

Tgt Ion:152 Resp: 77857

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 155.4 0.0 348.8

