

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016461.D
 Acq On : 22 Nov 2023 14:47
 Operator : SY/MD
 Sample : 05468-11
 Misc : 4.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-VOC

Quant Time: Nov 23 04:06:56 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)

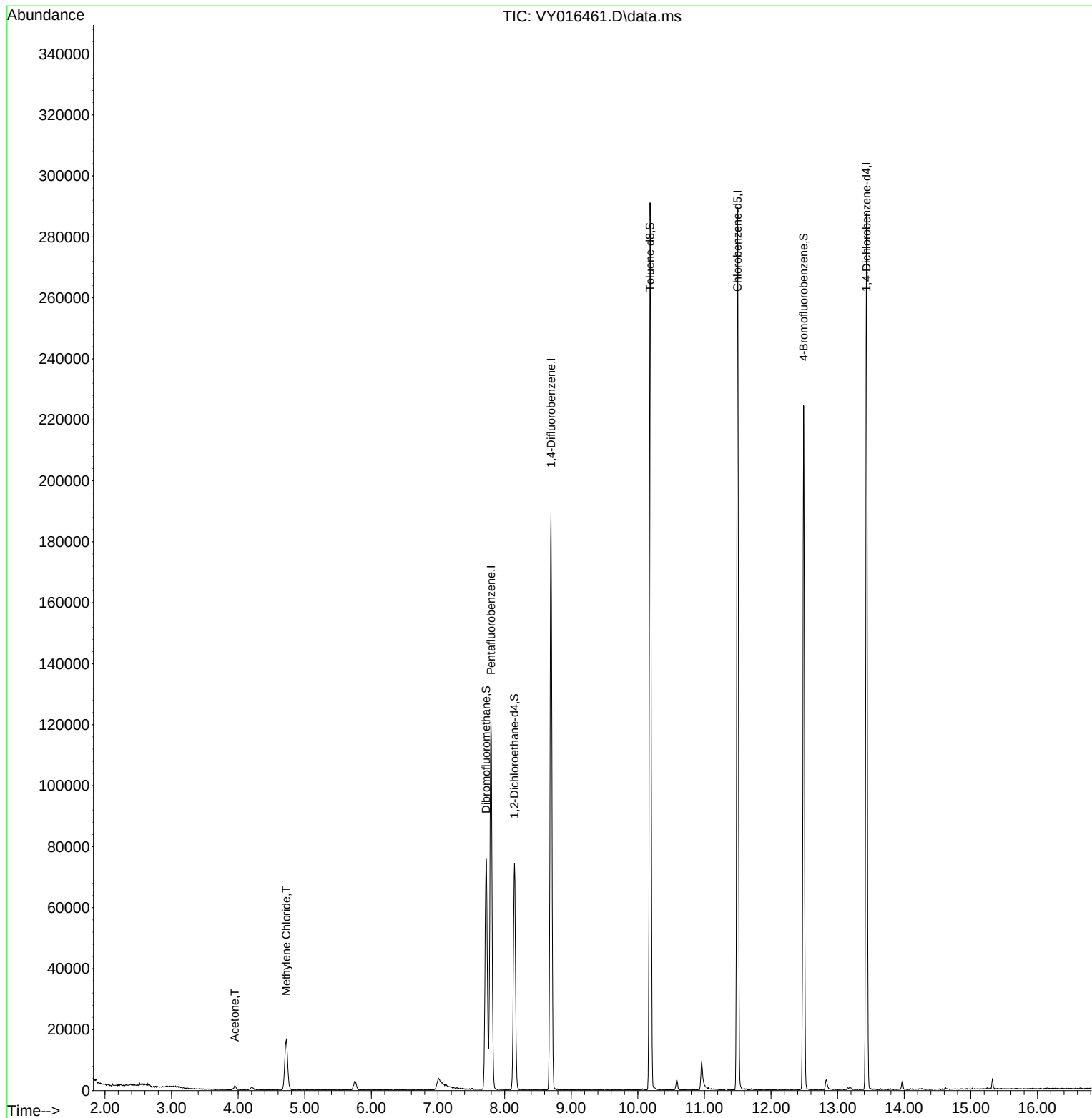
Internal Standards						
1) Pentafluorobenzene	7.795	168	97671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59388	66.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.060%
35) Dibromofluoromethane	7.722	113	55263	56.707	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.420%
50) Toluene-d8	10.185	98	201337	50.947	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.489	95	70357	54.815	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.640%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	2257	15.285	ug/l #	79
20) Methylene Chloride	4.722	84	13632	10.305	ug/l #	83

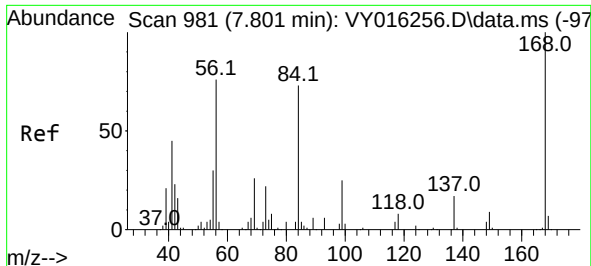
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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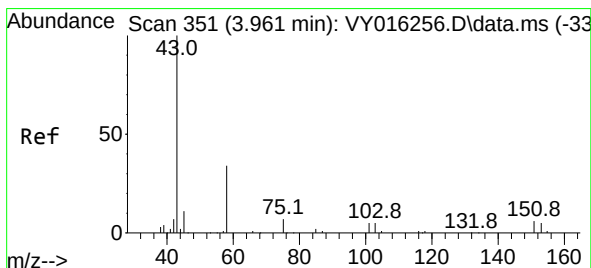
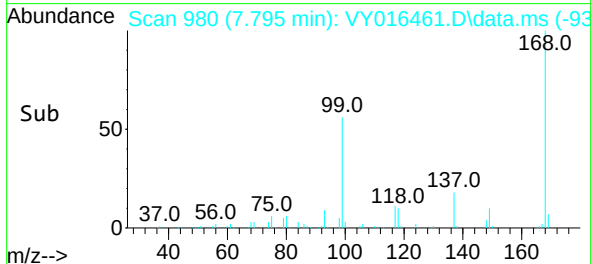
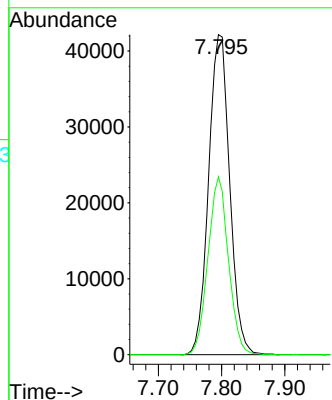
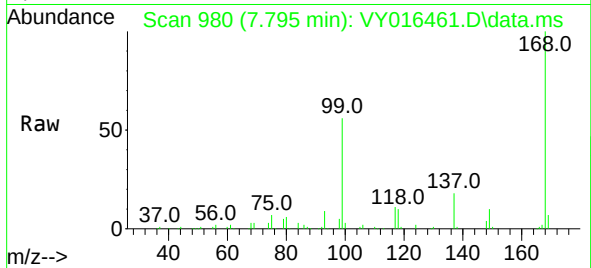




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016461.D
Acq: 22 Nov 2023 14:47

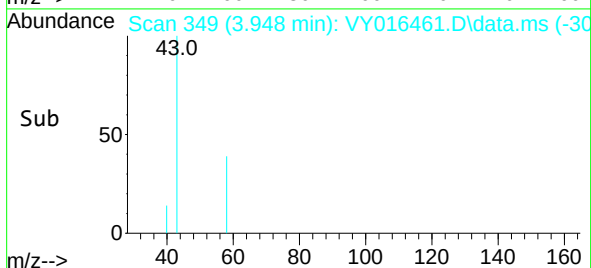
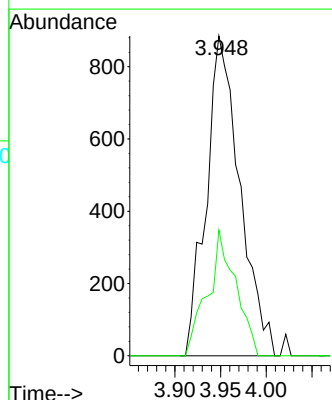
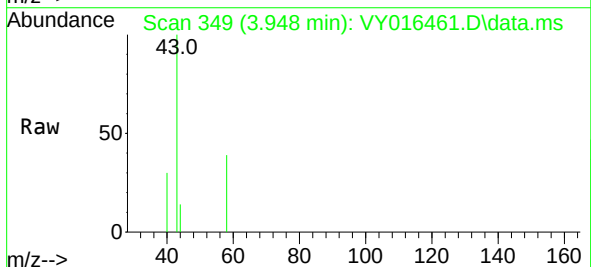
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

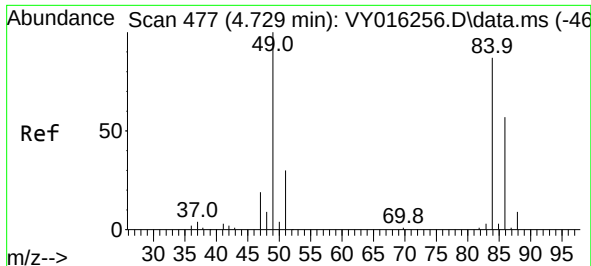
Tgt Ion:168 Resp: 97671
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#16
Acetone
Concen: 15.285 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016461.D
Acq: 22 Nov 2023 14:47

Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
58 39.3 22.7 34.1#

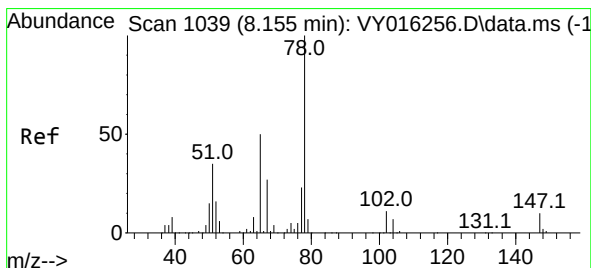
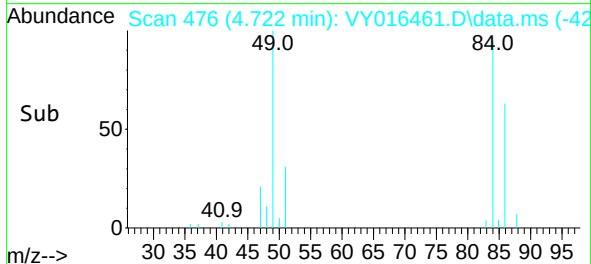
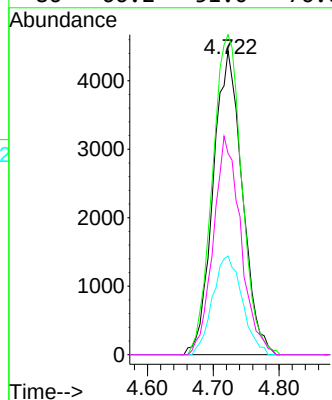
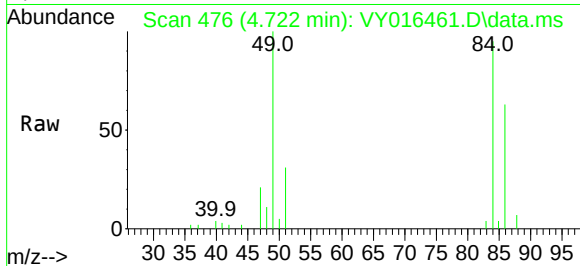




#20
Methylene Chloride
Concen: 10.305 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016461.D
Acq: 22 Nov 2023 14:47

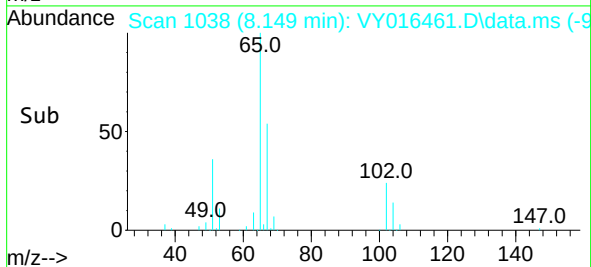
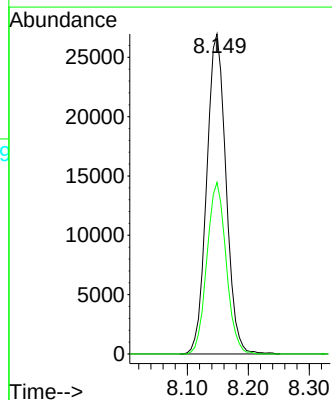
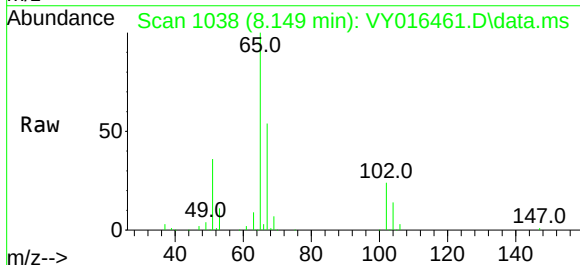
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

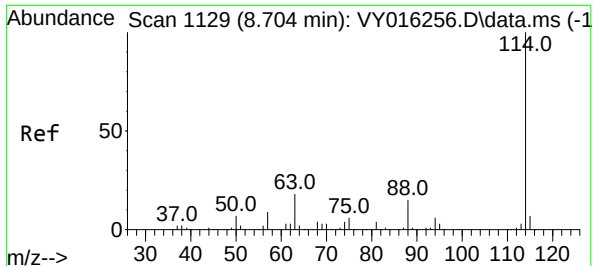
Tgt Ion: 84 Resp: 13632
Ion Ratio Lower Upper
84 100
49 105.2 106.9 160.3#
51 32.5 33.2 49.8#
86 66.2 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 66.528 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016461.D
Acq: 22 Nov 2023 14:47

Tgt Ion: 65 Resp: 59388
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: VY016461.D

Acq: 22 Nov 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

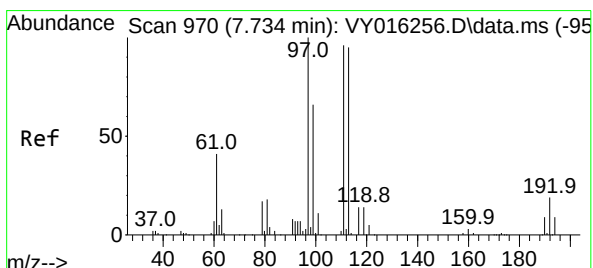
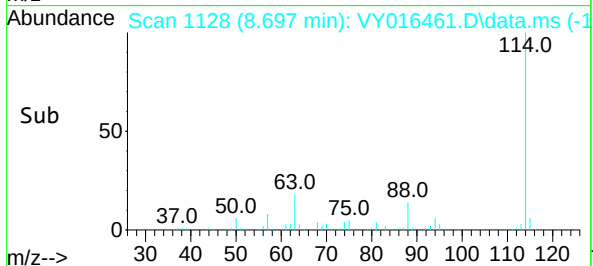
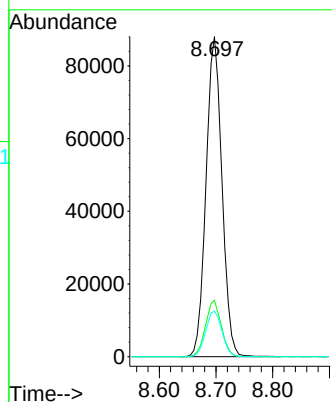
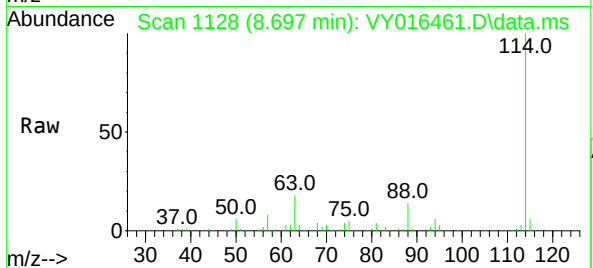
Tgt Ion:114 Resp: 171553

Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.707 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016461.D

Acq: 22 Nov 2023 14:47

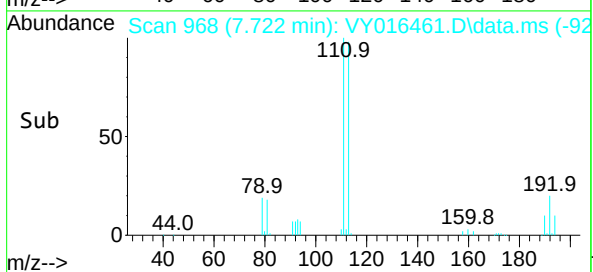
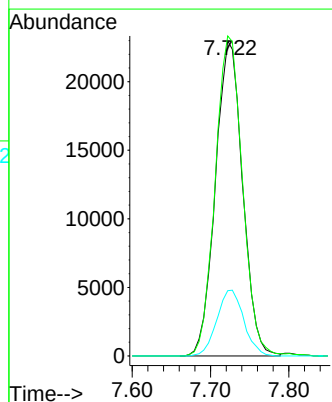
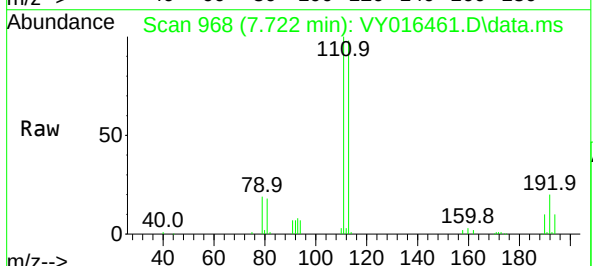
Tgt Ion:113 Resp: 55263

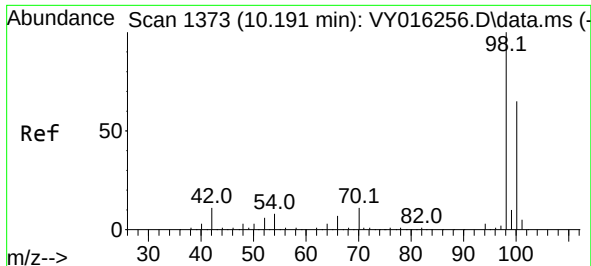
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 20.8 16.9 25.3

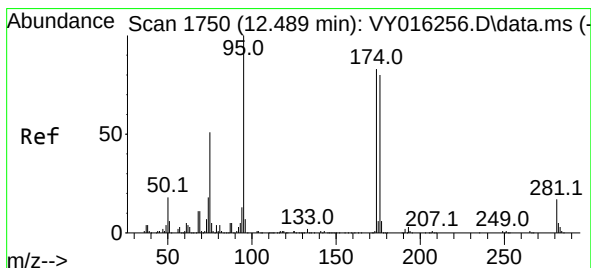
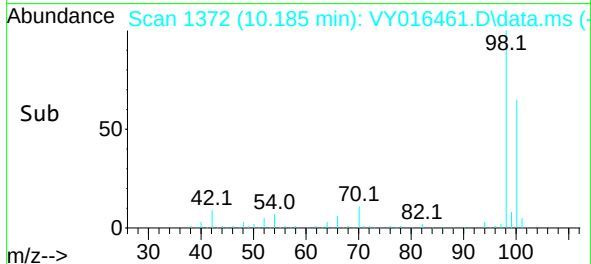
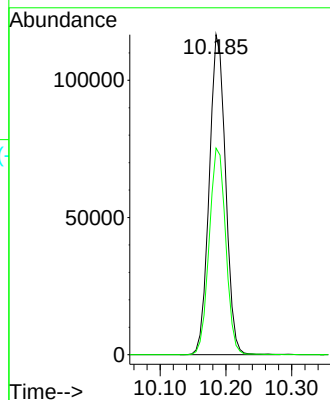
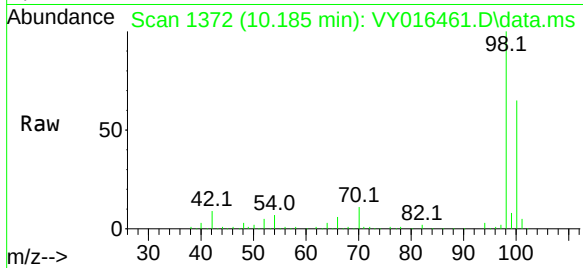




#50
Toluene-d8
Concen: 50.947 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016461.D
Acq: 22 Nov 2023 14:47

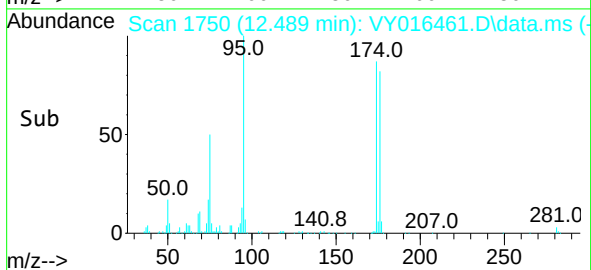
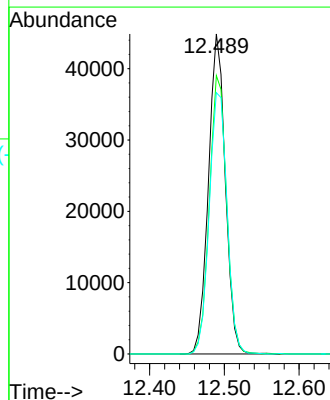
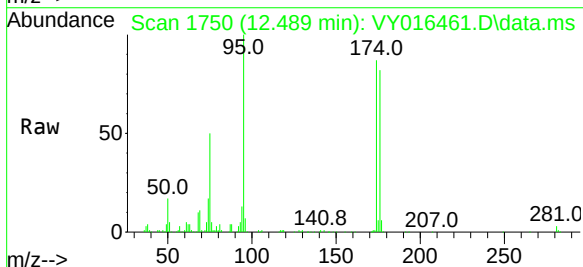
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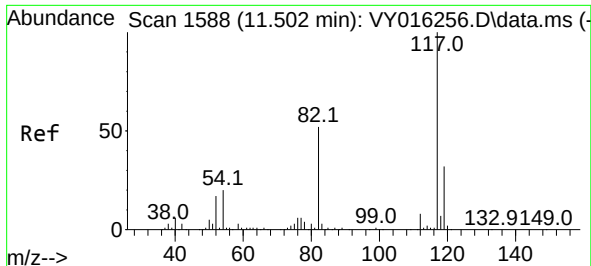
Tgt Ion: 98 Resp: 201337
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.815 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016461.D
Acq: 22 Nov 2023 14:47

Tgt Ion: 95 Resp: 70357
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 86.2 0.0 173.8

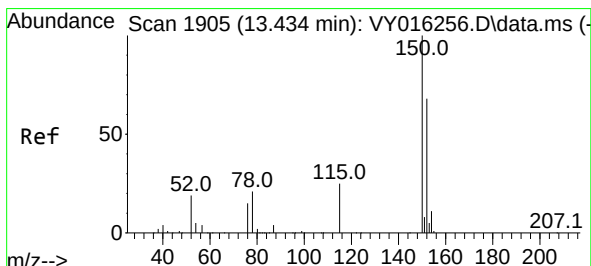
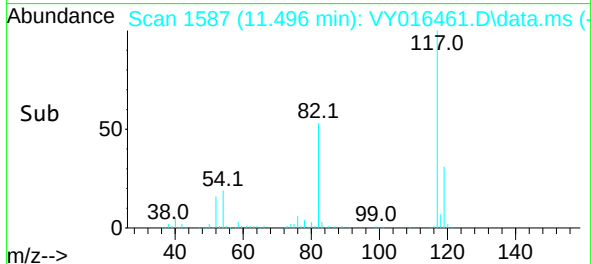
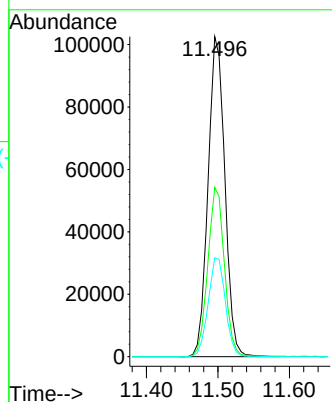
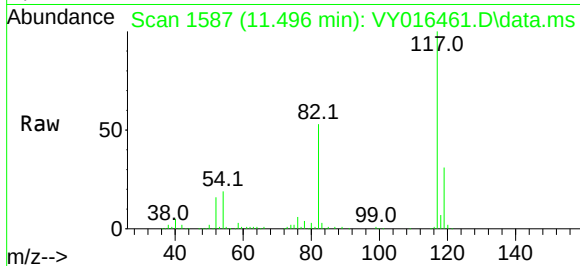




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016461.D
Acq: 22 Nov 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

Tgt Ion:117 Resp: 167440
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 30.9 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: VY016461.D
Acq: 22 Nov 2023 14:47

Tgt Ion:152 Resp: 78515
Ion Ratio Lower Upper
152 100
115 56.3 28.8 86.5
150 155.7 0.0 348.8

