

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016465.D
 Acq On : 22 Nov 2023 16:20
 Operator : SY/MD
 Sample : 05469-03
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-VOC

Quant Time: Nov 23 04:08:00 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)

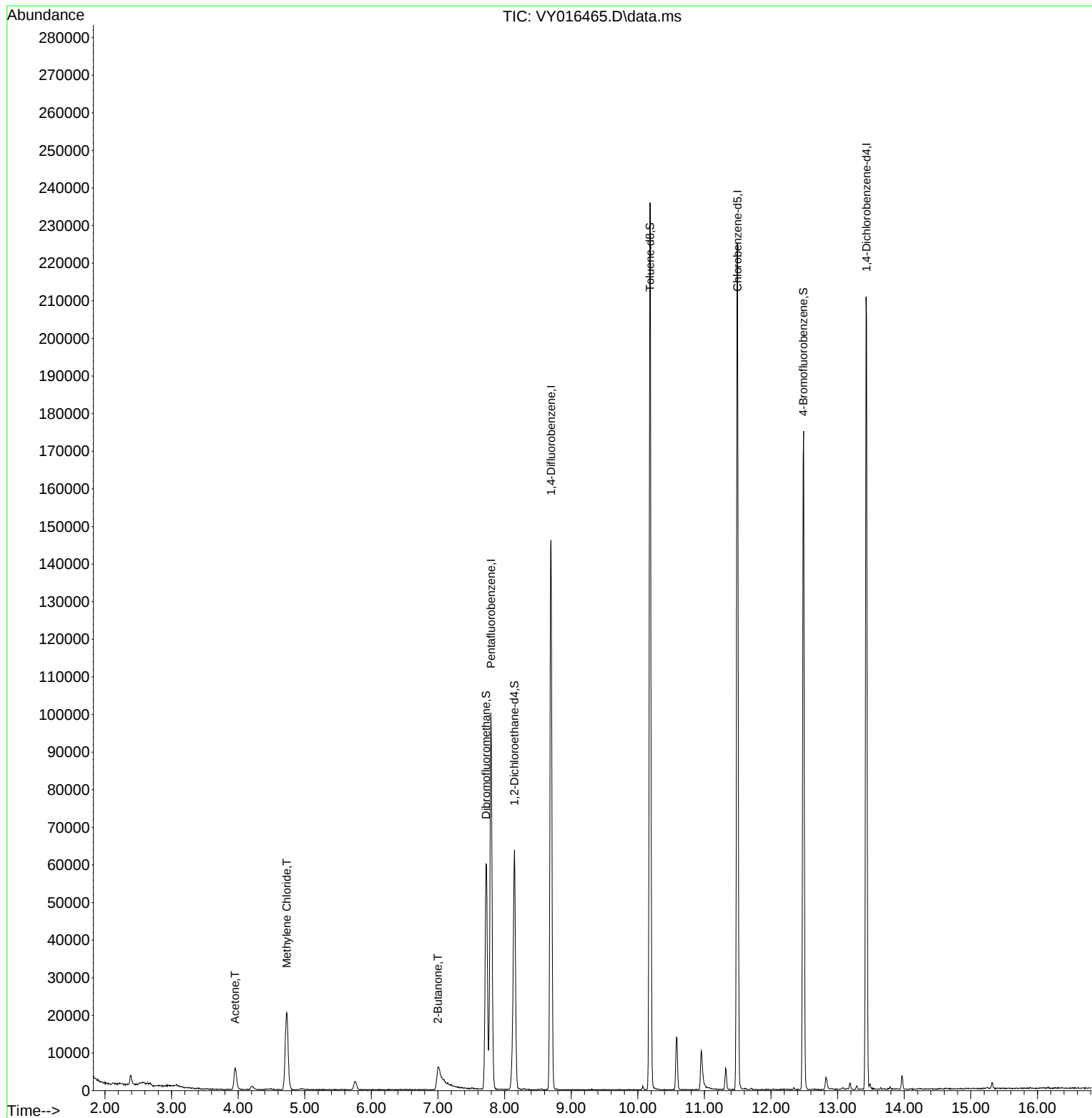
Internal Standards						
1) Pentafluorobenzene	7.795	168	77937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	135638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	132184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	59447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	46751	65.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.260%
35) Dibromofluoromethane	7.722	113	43953	57.044	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.080%
50) Toluene-d8	10.185	98	159927	51.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.360%
62) 4-Bromofluorobenzene	12.483	95	53250	52.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.940%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	10130	85.975	ug/l #	88
20) Methylene Chloride	4.729	84	17127	18.375	ug/l #	81
25) 2-Butanone	6.996	43	2713	13.146	ug/l	91

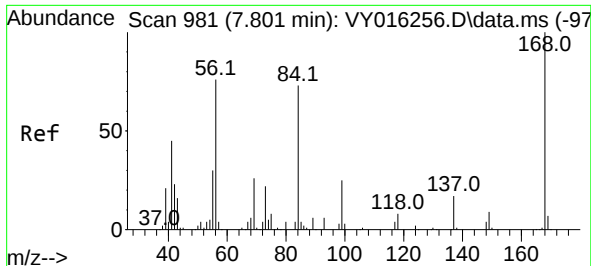
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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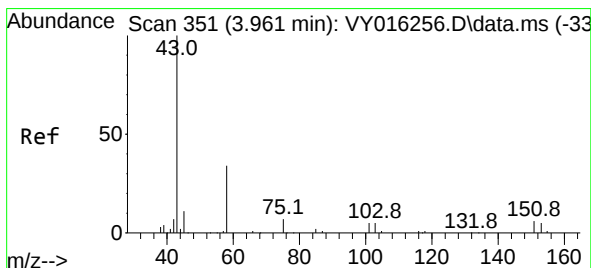
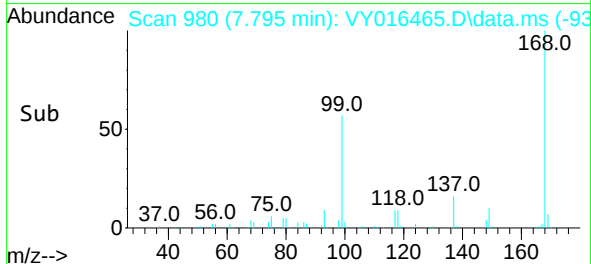
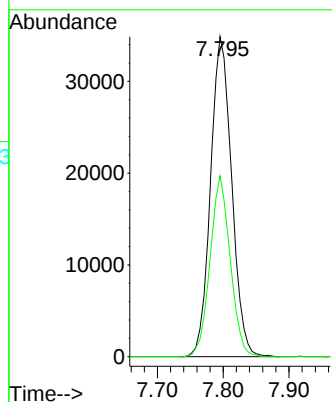
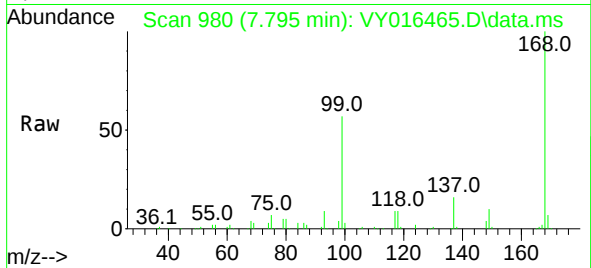




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016465.D
Acq: 22 Nov 2023 16:20

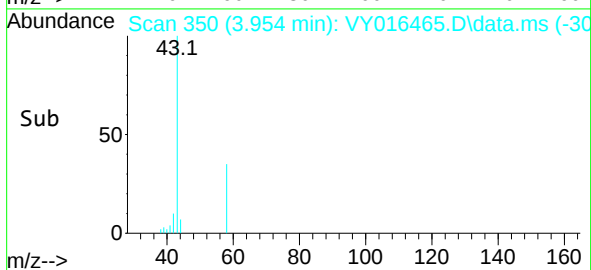
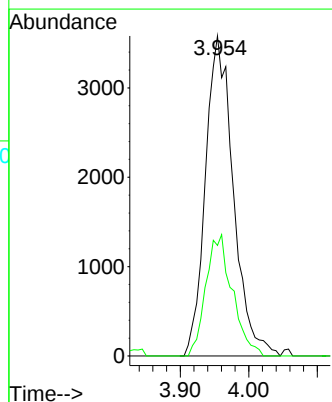
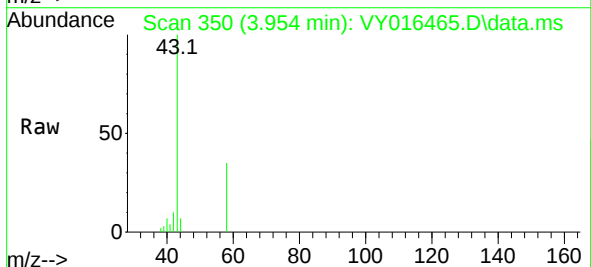
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

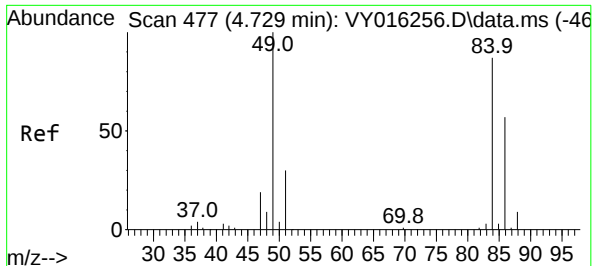
Tgt Ion:168 Resp: 77937
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#16
Acetone
Concen: 85.975 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016465.D
Acq: 22 Nov 2023 16:20

Tgt Ion: 43 Resp: 10130
Ion Ratio Lower Upper
43 100
58 34.6 22.7 34.1#





#20

Methylene Chloride

Concen: 18.375 ug/l

RT: 4.729 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY016465.D

Acq: 22 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-VOC

Tgt Ion: 84 Resp: 17127

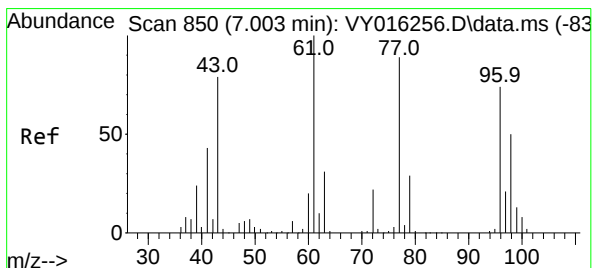
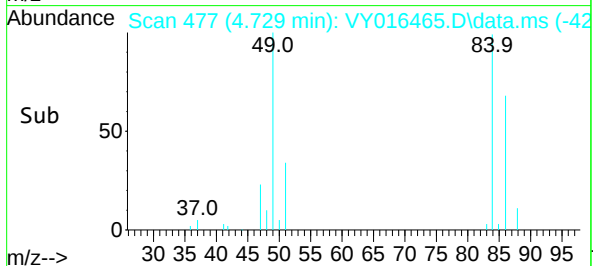
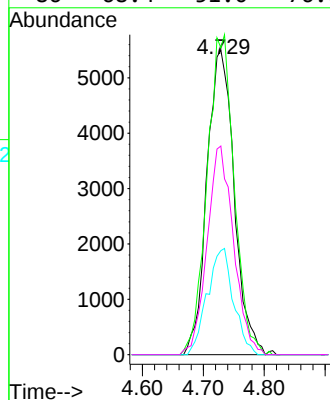
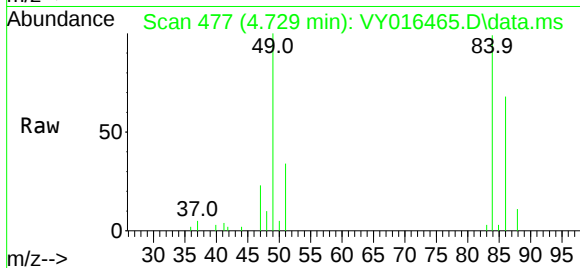
Ion Ratio Lower Upper

84 100

49 100.7 106.9 160.3#

51 34.1 33.2 49.8

86 68.4 51.0 76.6



#25

2-Butanone

Concen: 13.146 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016465.D

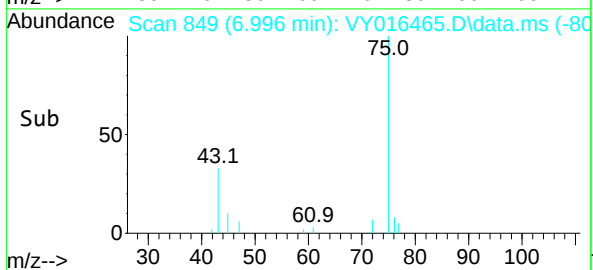
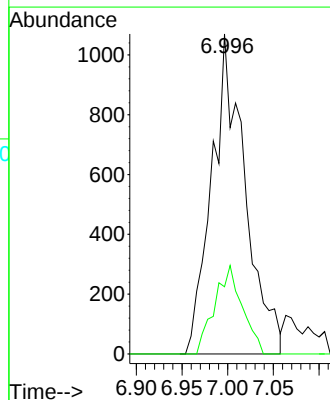
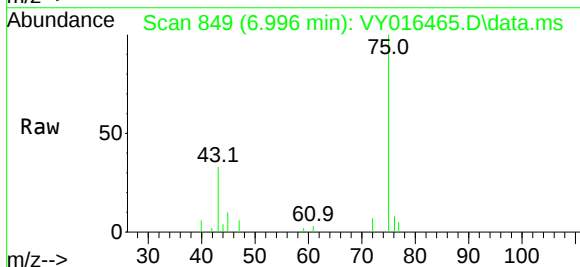
Acq: 22 Nov 2023 16:20

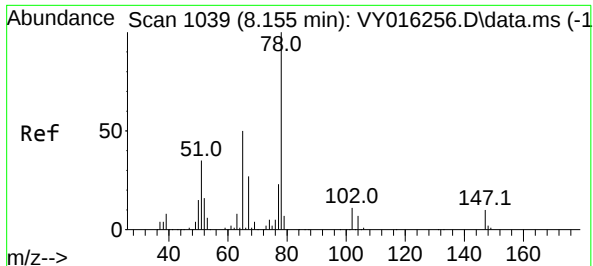
Tgt Ion: 43 Resp: 2713

Ion Ratio Lower Upper

43 100

72 21.0 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 65.633 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016465.D

Acq: 22 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

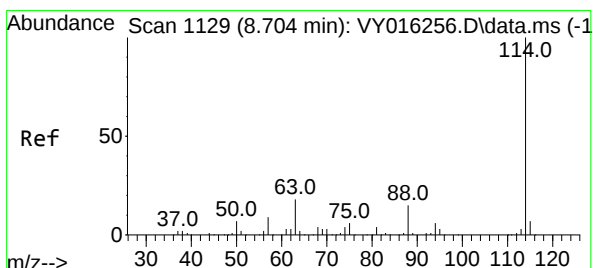
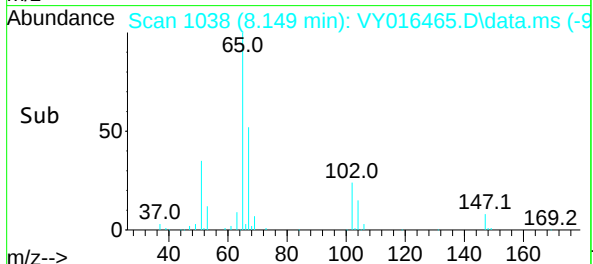
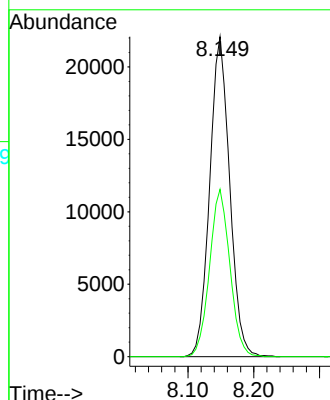
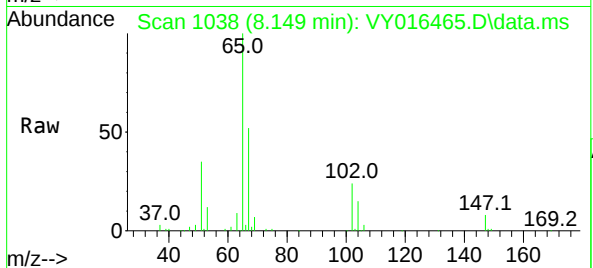
TP-12-VOC

Tgt Ion: 65 Resp: 46751

Ion Ratio Lower Upper

65 100

67 53.1 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: VY016465.D

Acq: 22 Nov 2023 16:20

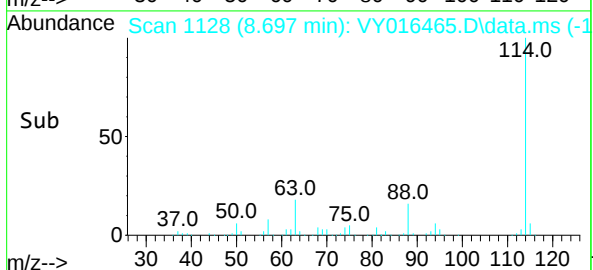
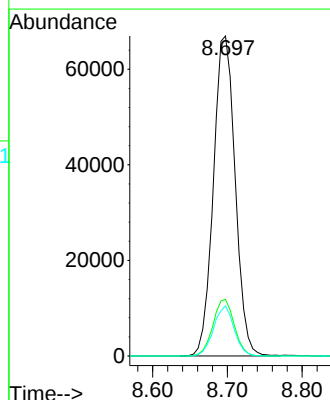
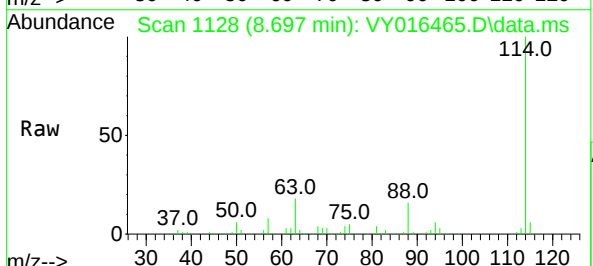
Tgt Ion:114 Resp: 135638

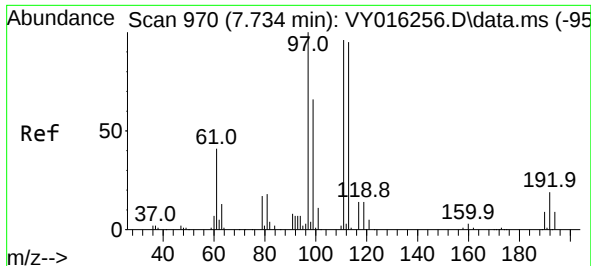
Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

88 15.6 0.0 30.6

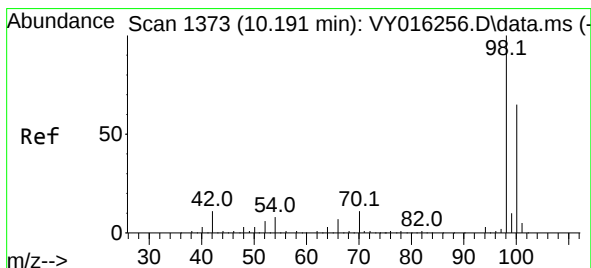
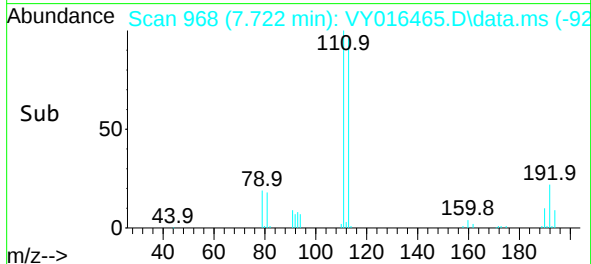
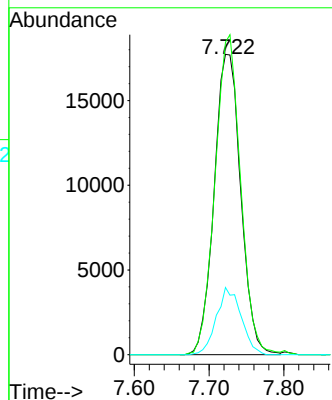
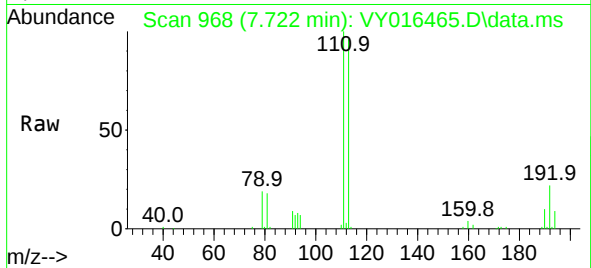




#35
Dibromofluoromethane
Concen: 57.044 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY016465.D
Acq: 22 Nov 2023 16:20

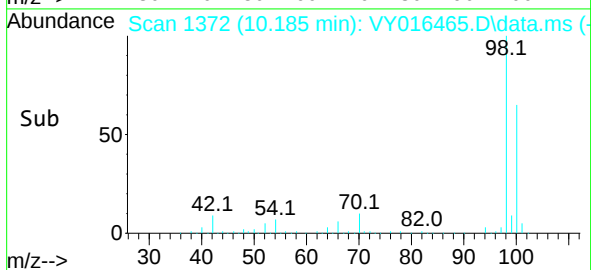
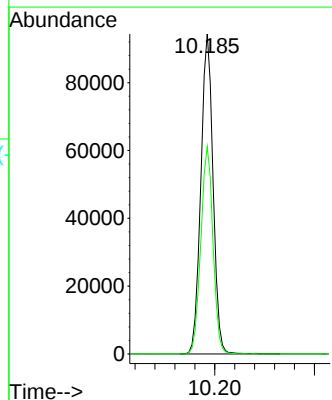
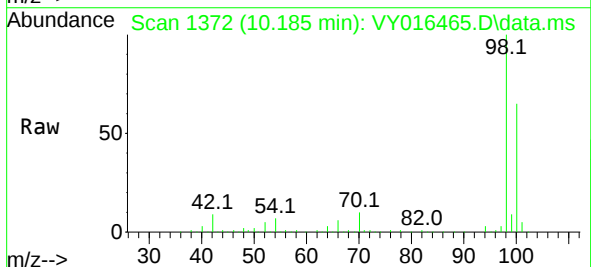
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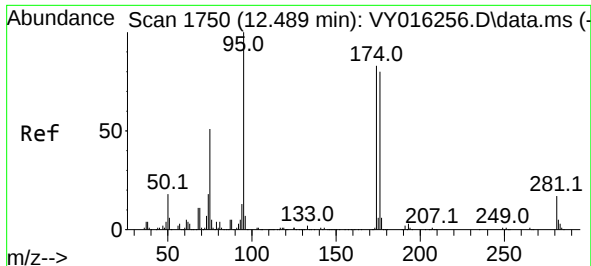
Tgt Ion:113 Resp: 43953
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.7 16.9 25.3



#50
Toluene-d8
Concen: 51.184 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016465.D
Acq: 22 Nov 2023 16:20

Tgt Ion: 98 Resp: 159927
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

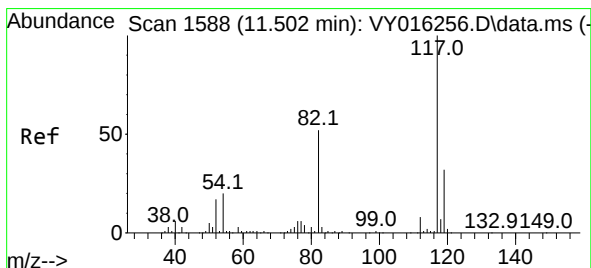
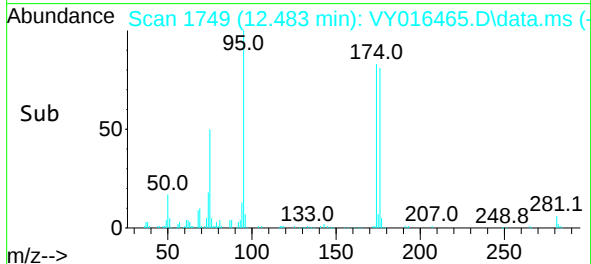
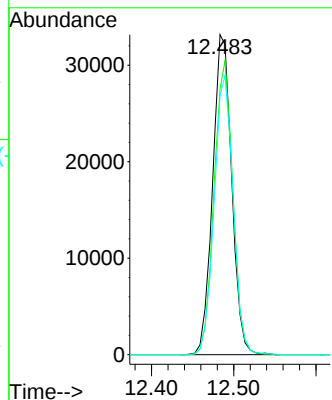
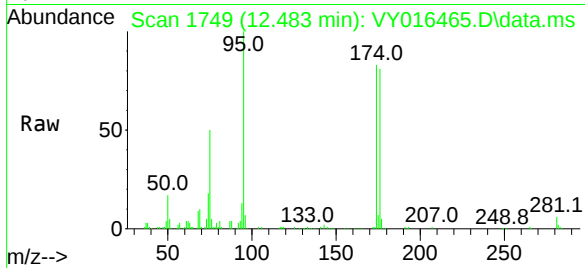




#62
4-Bromofluorobenzene
Concen: 52.473 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016465.D
Acq: 22 Nov 2023 16:20

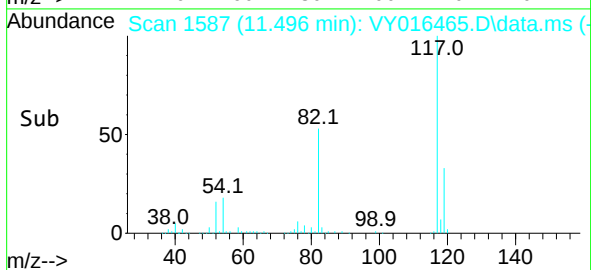
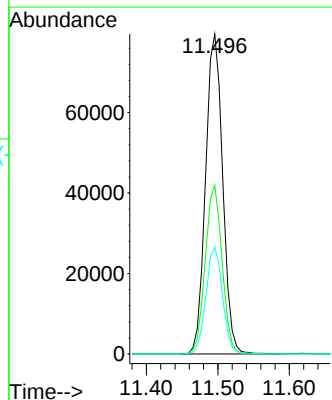
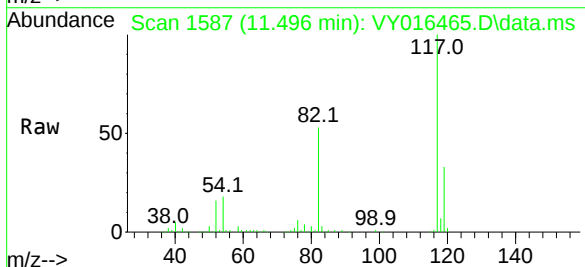
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

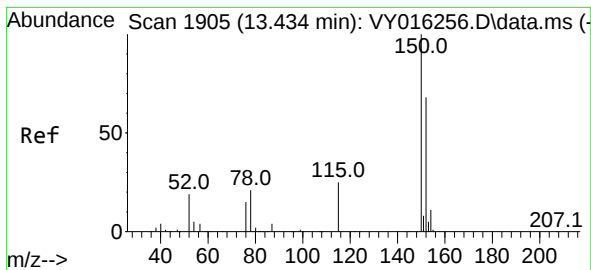
Tgt Ion: 95 Resp: 53250
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016465.D
Acq: 22 Nov 2023 16:20

Tgt Ion: 117 Resp: 132184
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 33.4 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: VY016465.D

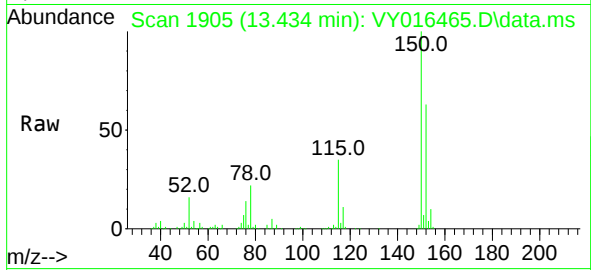
Acq: 22 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-VOC



Tgt Ion:152 Resp: 59447

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 155.8 0.0 348.8

