

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012783.D
 Acq On : 03 Mar 2023 00:33
 Operator : KP/MD
 Sample : 01739-19
 Misc : 15.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-6-GRAB-8

Quant Time: Mar 03 02:04:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

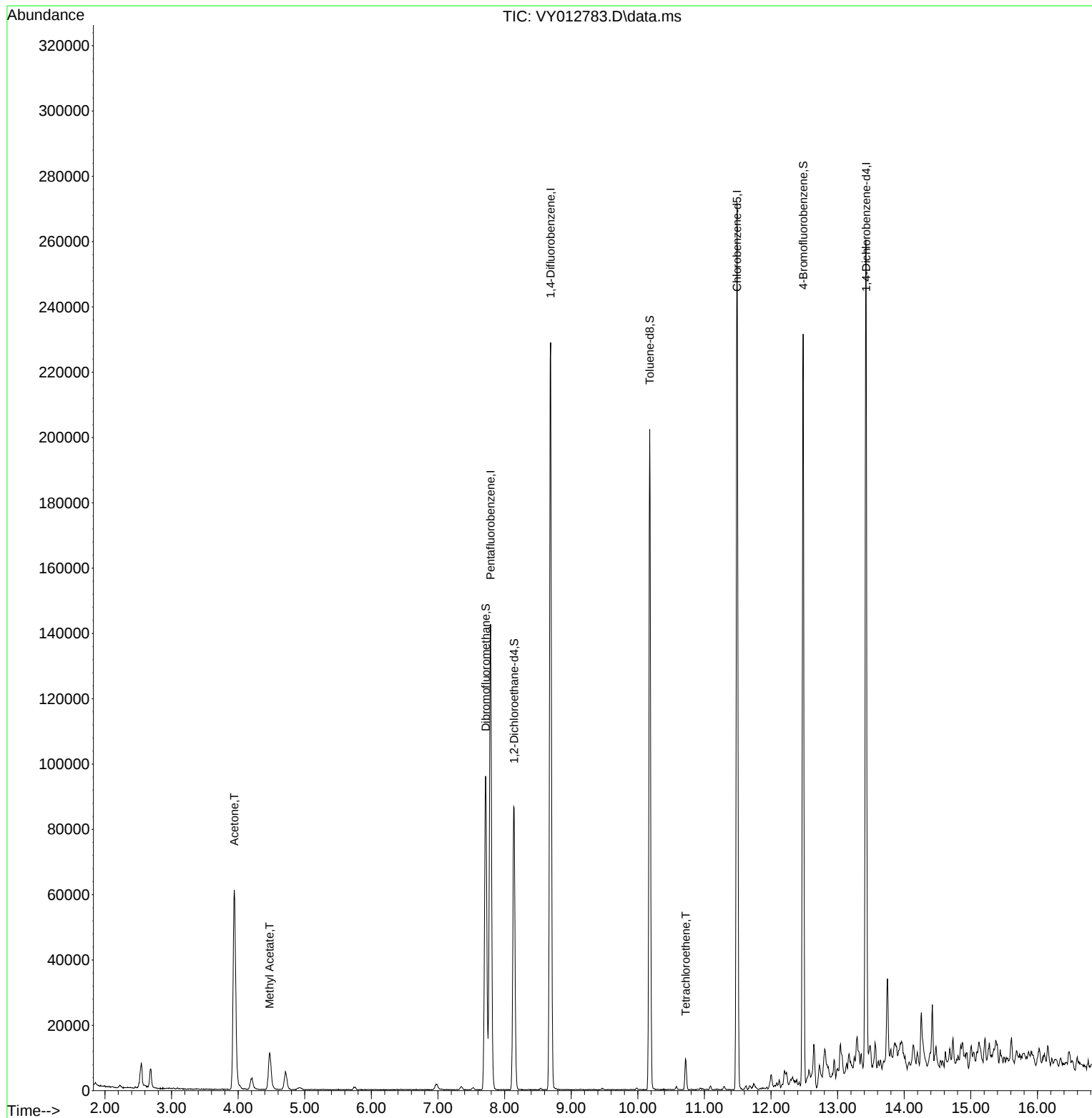
Internal Standards						
1) Pentafluorobenzene	7.789	168	110835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66453	60.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.780%
35) Dibromofluoromethane	7.716	113	66981	57.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.600%
50) Toluene-d8	10.179	98	130406	30.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	61.040%
62) 4-Bromofluorobenzene	12.483	95	65453	45.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.760%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	109414	253.312	ug/l	96
18) Methyl Acetate	4.472	43	22584	17.558	ug/l	98
64) Tetrachloroethene	10.721	164	2080	1.988	ug/l	88

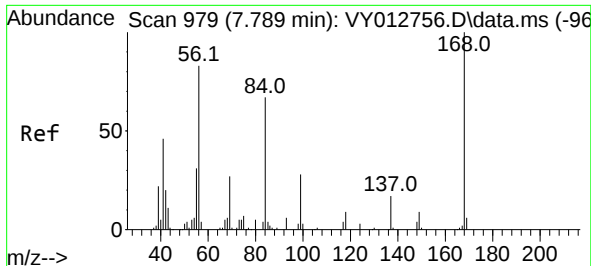
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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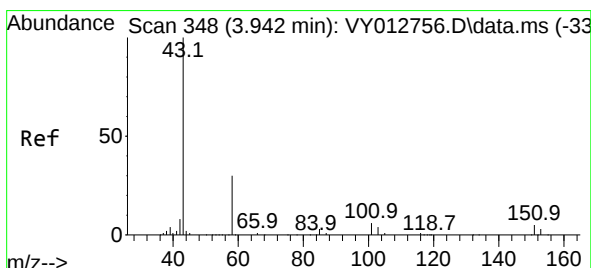
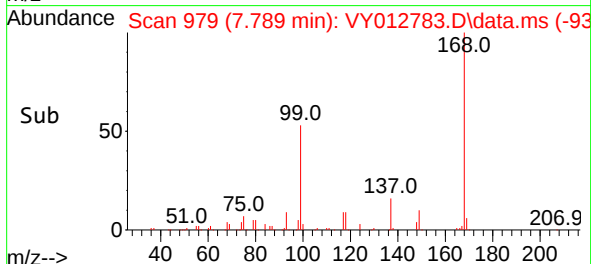
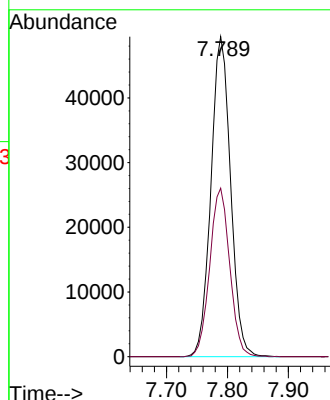
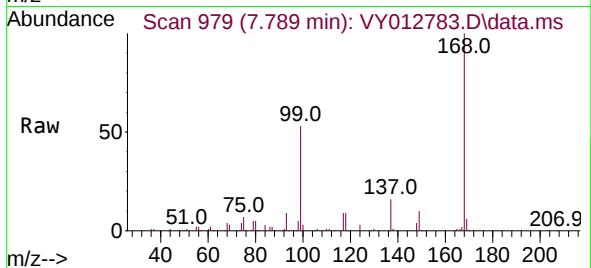




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

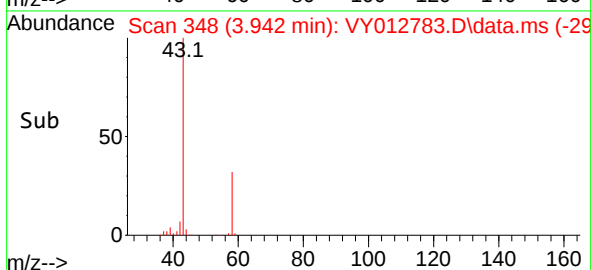
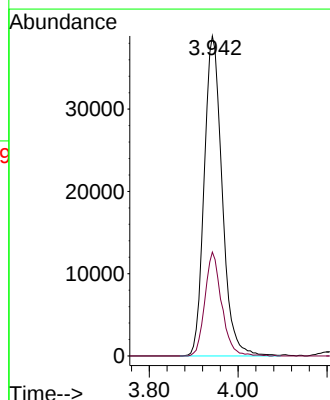
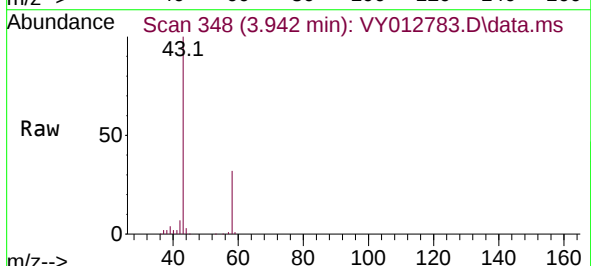
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-6-GRAB-8

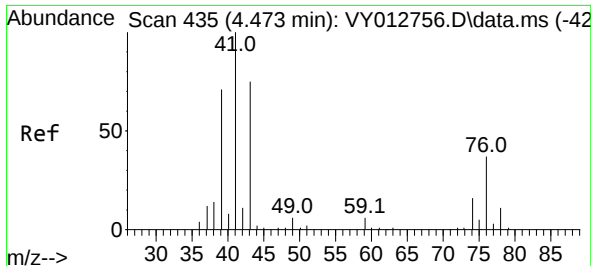
Tgt Ion:168 Resp: 110835
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#16
Acetone
Concen: 253.312 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

Tgt Ion: 43 Resp: 109414
Ion Ratio Lower Upper
43 100
58 32.4 24.2 36.2

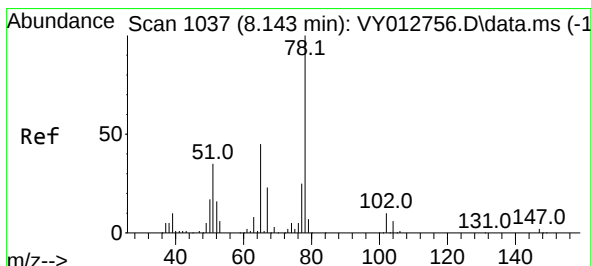
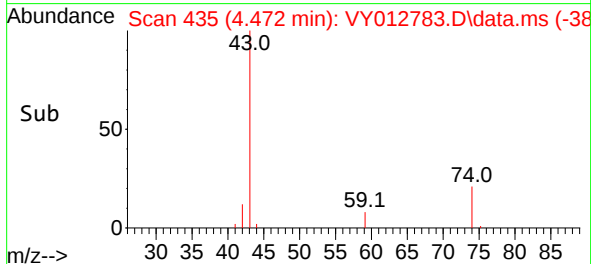
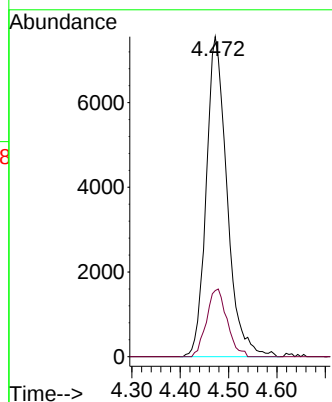
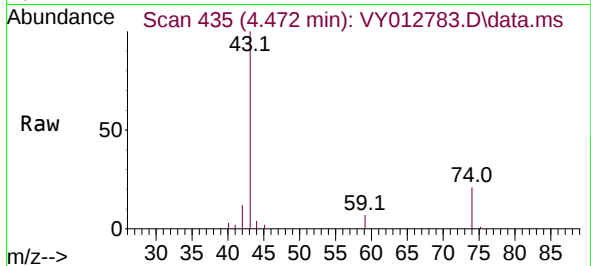




#18
Methyl Acetate
Concen: 17.558 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

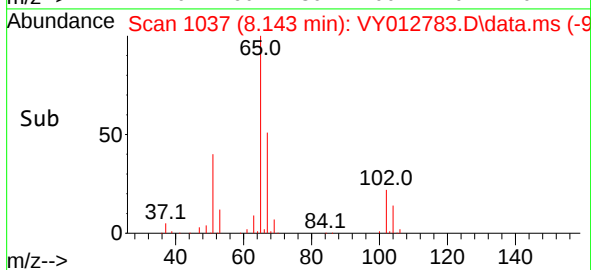
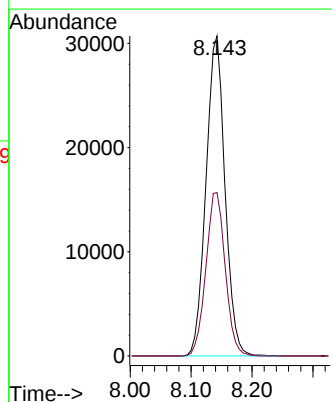
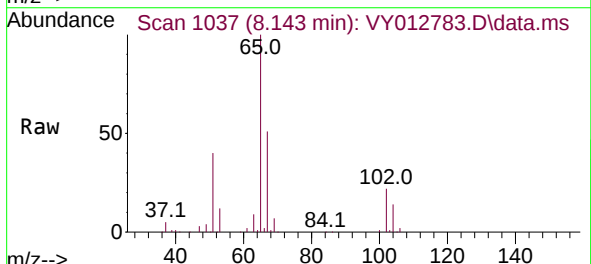
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-6-GRAB-8

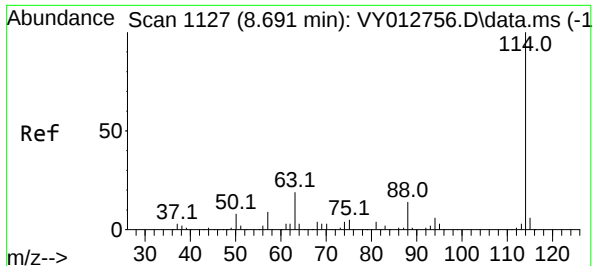
Tgt Ion: 43 Resp: 22584
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.0



#33
1,2-Dichloroethane-d4
Concen: 60.387 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

Tgt Ion: 65 Resp: 66453
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012783.D

Acq: 03 Mar 2023 00:33

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-6-GRAB-8

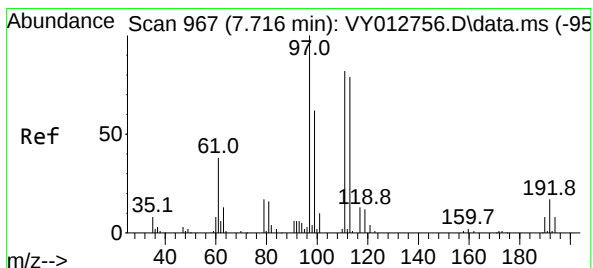
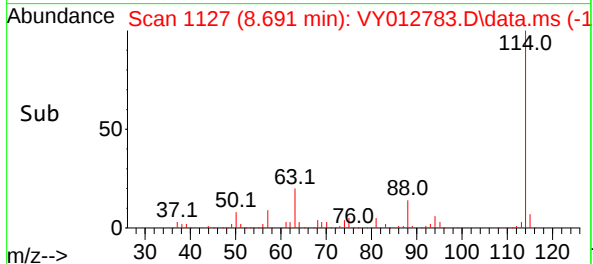
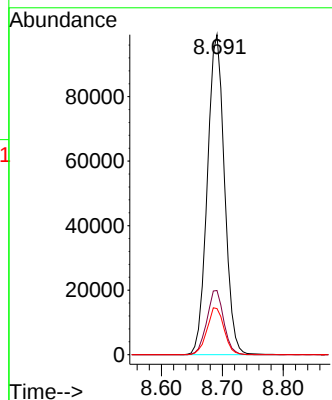
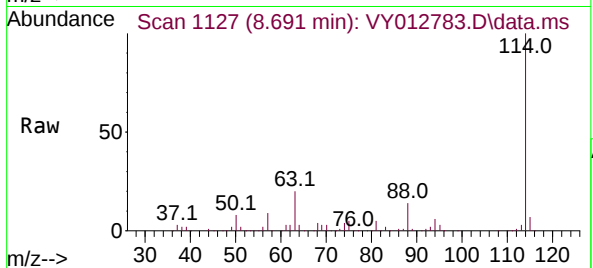
Tgt Ion:114 Resp: 193681

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.304 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012783.D

Acq: 03 Mar 2023 00:33

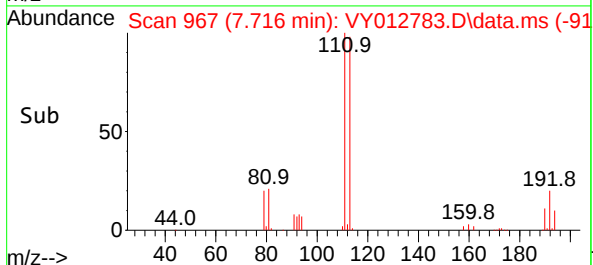
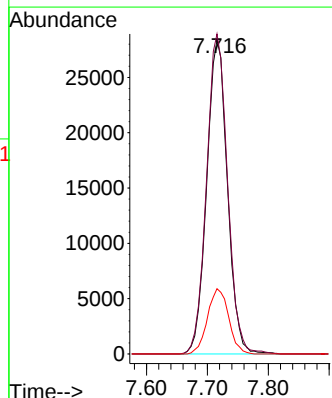
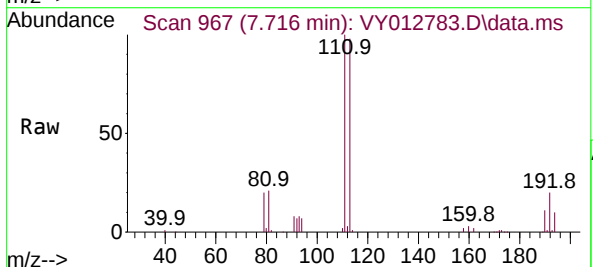
Tgt Ion:113 Resp: 66981

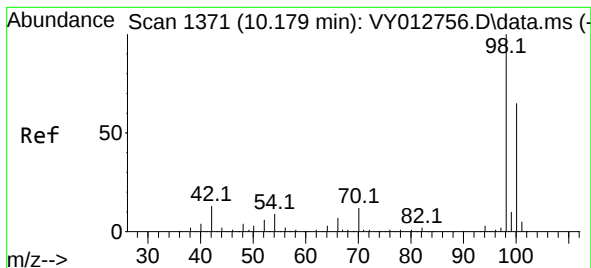
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 21.2 16.8 25.2





#50

Toluene-d8

Concen: 30.518 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012783.D

Acq: 03 Mar 2023 00:33

Instrument :

MSVOA_Y

ClientSampleId :

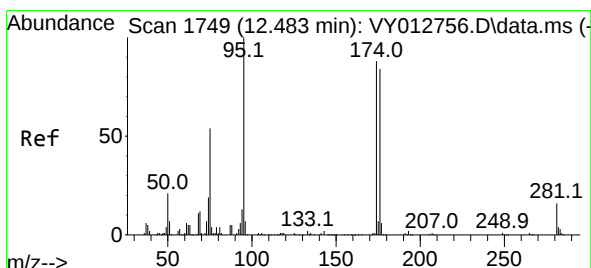
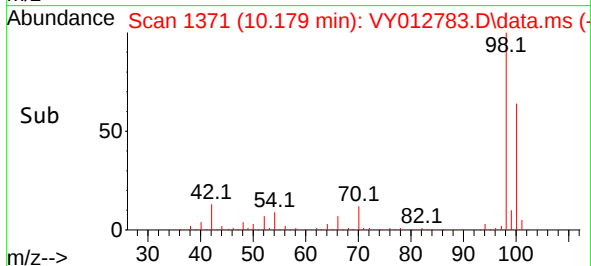
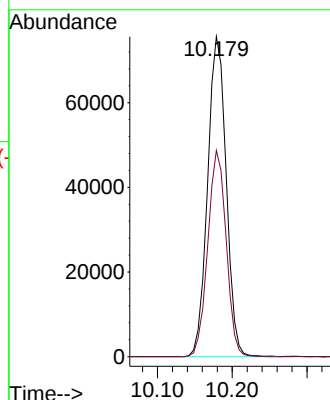
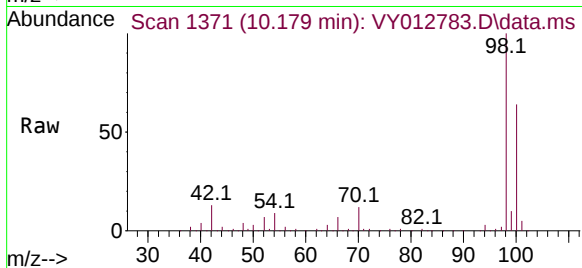
TOTAL-VOC-6-GRAB-8

Tgt Ion: 98 Resp: 130406

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 45.381 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012783.D

Acq: 03 Mar 2023 00:33

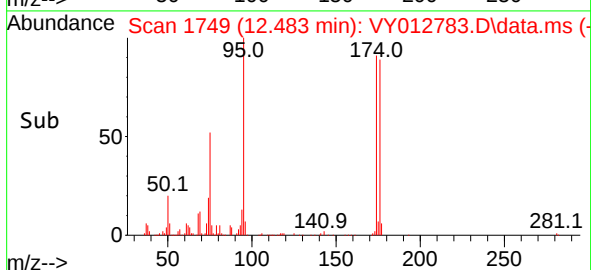
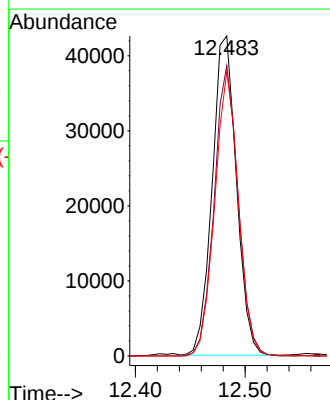
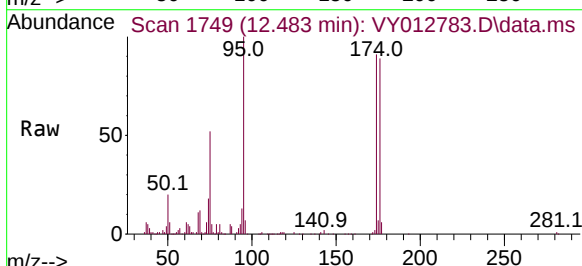
Tgt Ion: 95 Resp: 65453

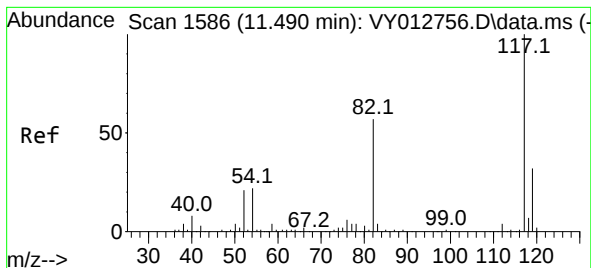
Ion Ratio Lower Upper

95 100

174 90.0 0.0 176.6

176 86.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012783.D

Acq: 03 Mar 2023 00:33

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-6-GRAB-8

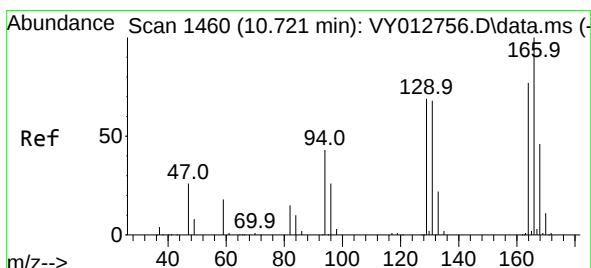
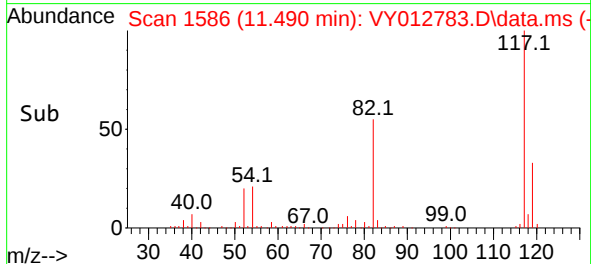
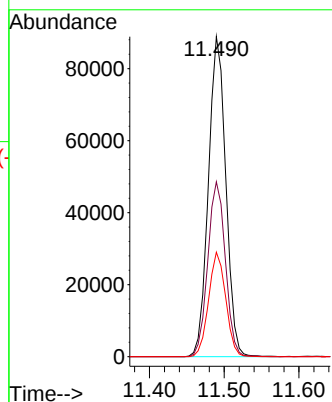
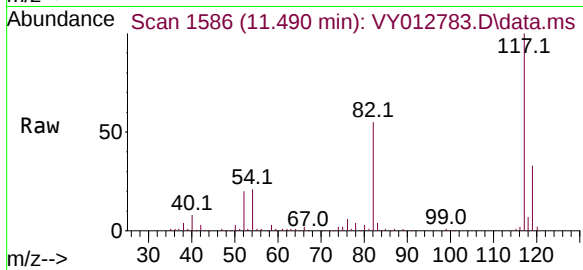
Tgt Ion:117 Resp: 143685

Ion Ratio Lower Upper

117 100

82 54.6 45.4 68.0

119 32.7 25.6 38.4



#64

Tetrachloroethene

Concen: 1.988 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012783.D

Acq: 03 Mar 2023 00:33

Tgt Ion:164 Resp: 2080

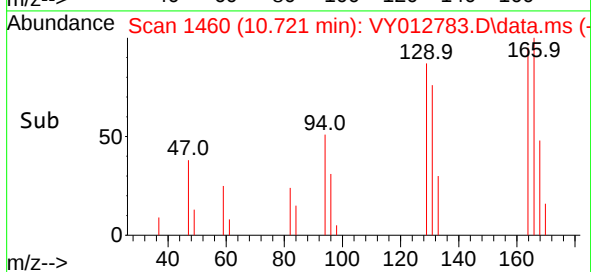
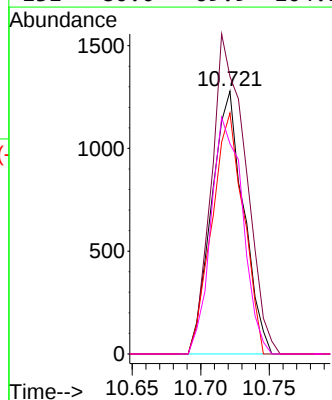
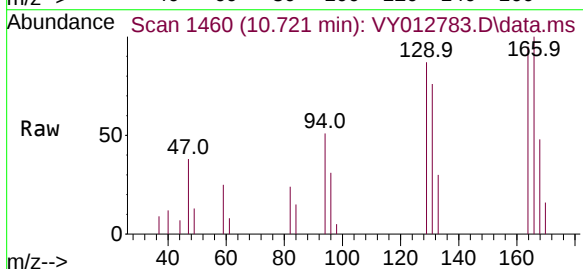
Ion Ratio Lower Upper

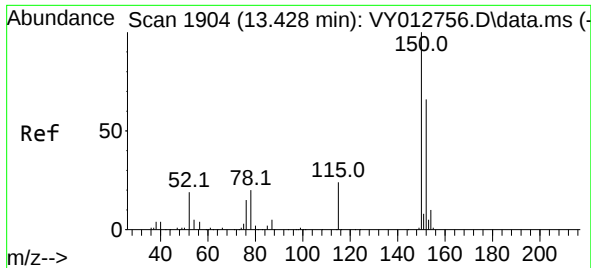
164 100

166 105.6 103.4 155.2

129 91.7 71.4 107.2

131 80.0 69.9 104.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012783.D

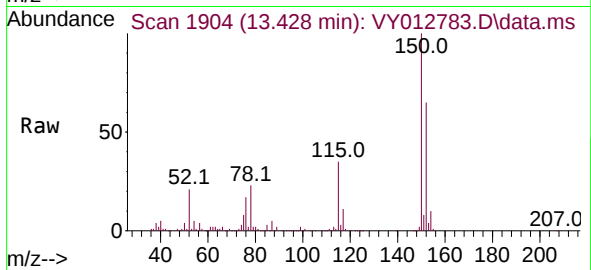
Acq: 03 Mar 2023 00:33

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-6-GRAB-8



Tgt Ion:152 Resp: 67193

Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 155.7 0.0 347.8

