

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011649.D
 Acq On : 30 Nov 2022 18:23
 Operator : KP/MD
 Sample : N5807-08
 Misc : 2.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1

Quant Time: Dec 01 05:26:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

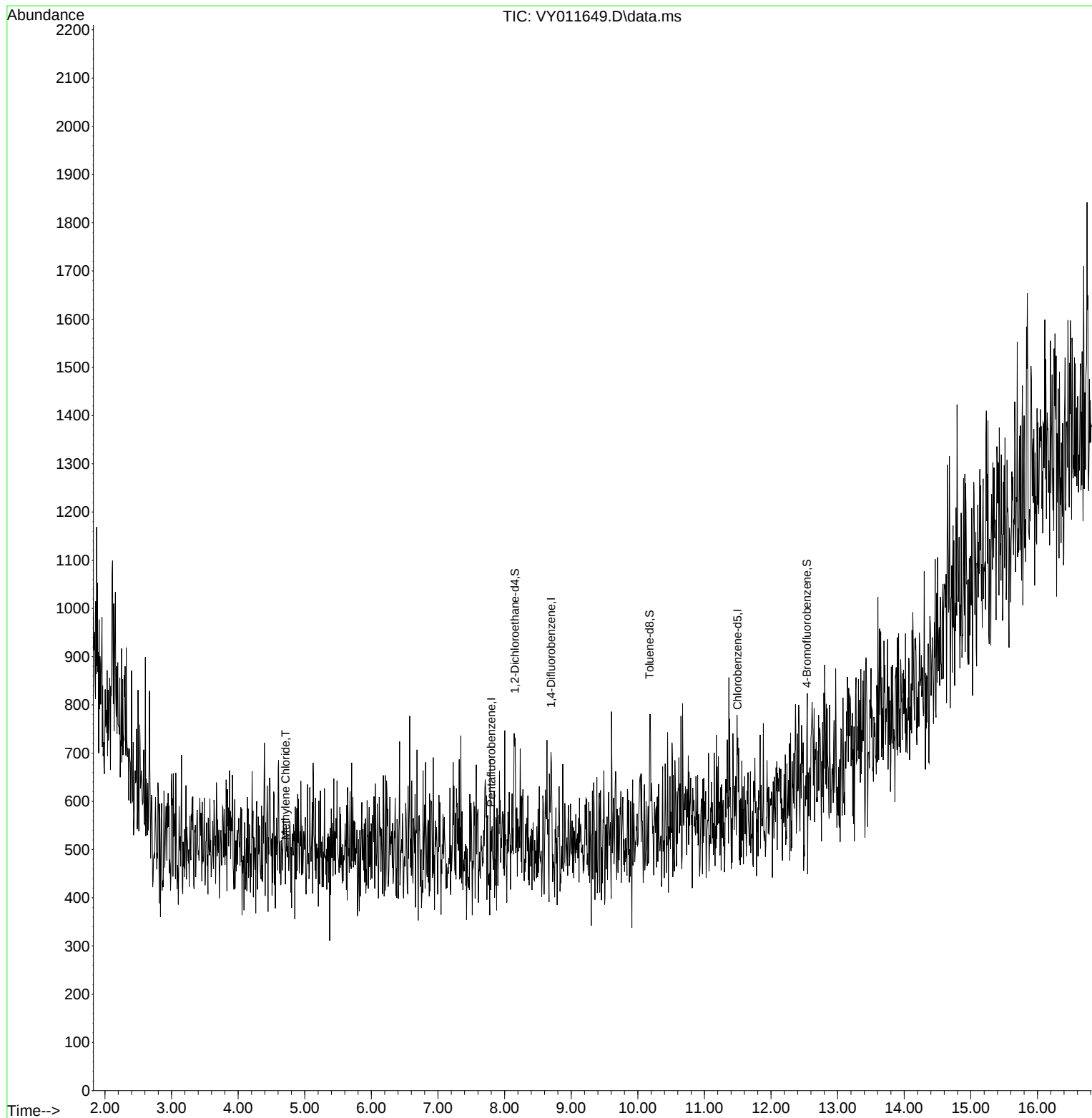
Internal Standards						
1) Pentafluorobenzene	7.801	168	65	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	124	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	173	262.118	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	524.240%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.179	98	242	35.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	71.640%
62) 4-Bromofluorobenzene	12.538	95	19	7.607	ug/l	0.06
Spiked Amount	50.000	Range	25 - 144	Recovery	=	15.220%#
Target Compounds						
20) Methylene Chloride	4.710	84	21	19.594	ug/l	# Qvalue 1

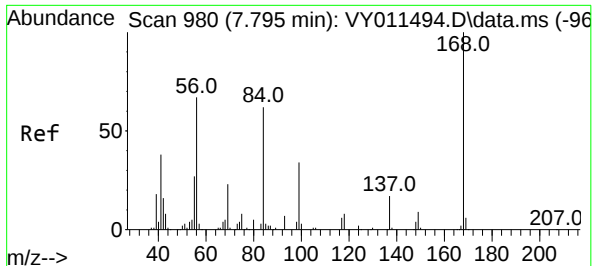
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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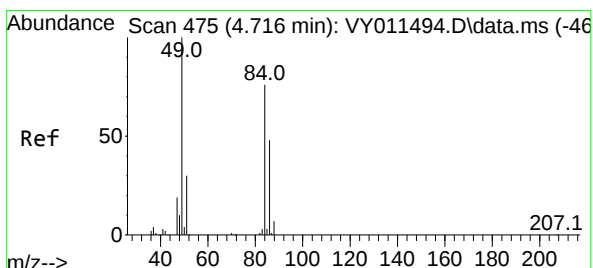
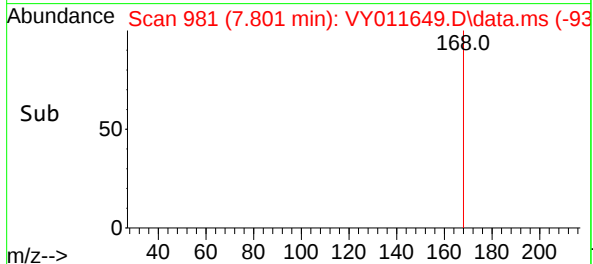
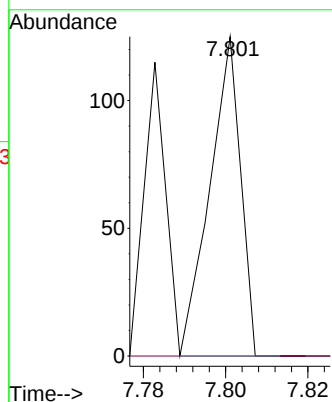
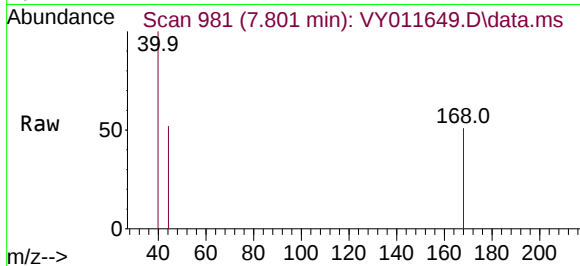




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011649.D
Acq: 30 Nov 2022 18:23

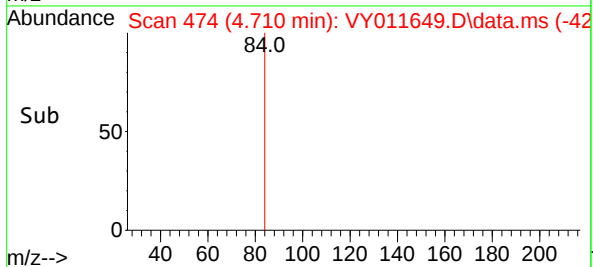
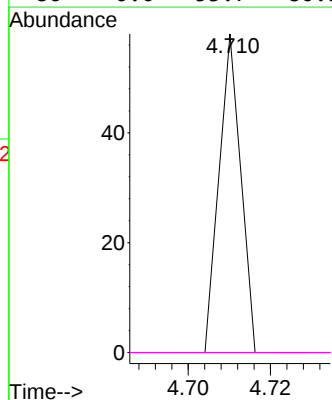
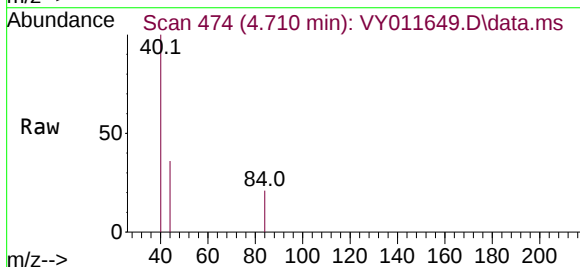
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

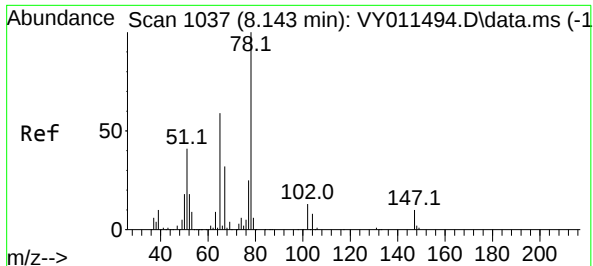
Tgt Ion:168 Resp: 65
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#20
Methylene Chloride
Concen: 19.594 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011649.D
Acq: 30 Nov 2022 18:23

Tgt Ion: 84 Resp: 21
Ion Ratio Lower Upper
84 100
49 0.0 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 262.118 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY011649.D

Acq: 30 Nov 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

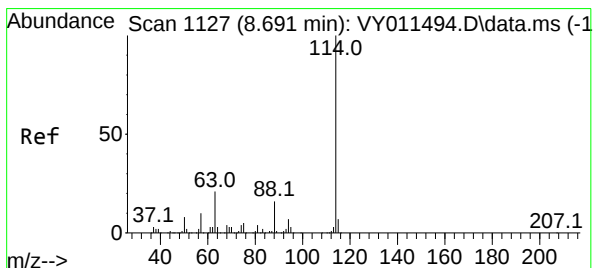
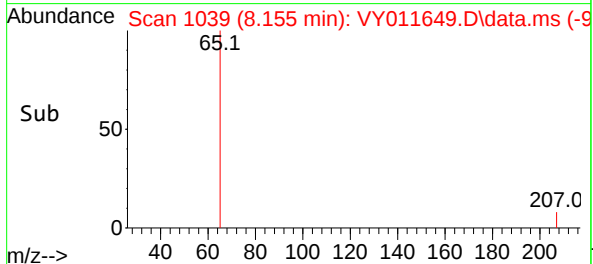
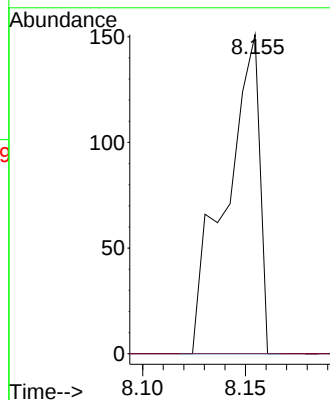
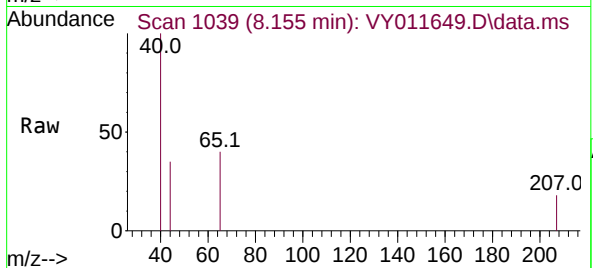
TOTAL-VOC-1

Tgt Ion: 65 Resp: 173

Ion Ratio Lower Upper

65 100

67 0.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY011649.D

Acq: 30 Nov 2022 18:23

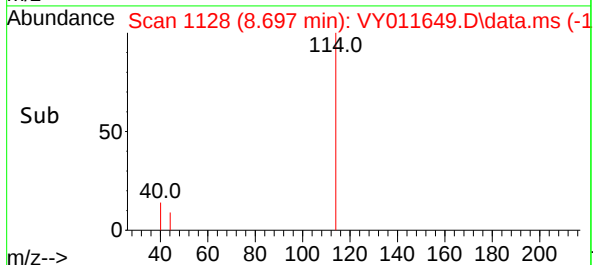
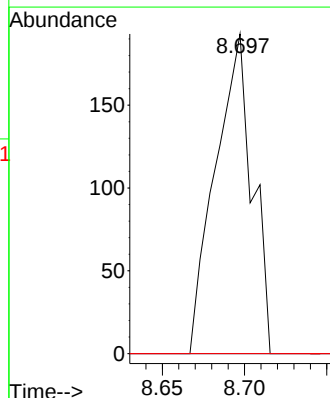
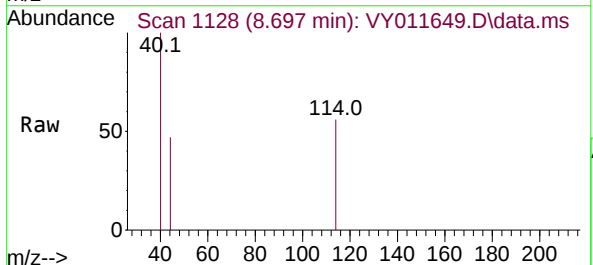
Tgt Ion: 114 Resp: 302

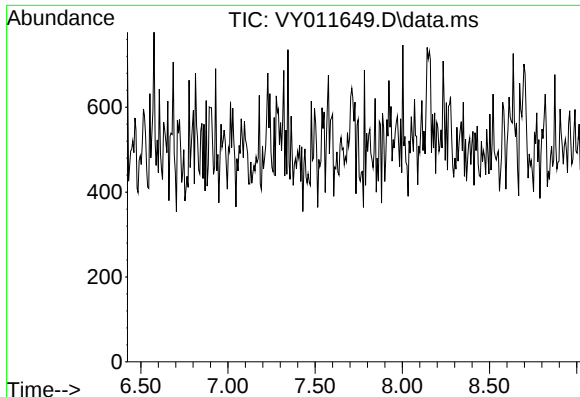
Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8



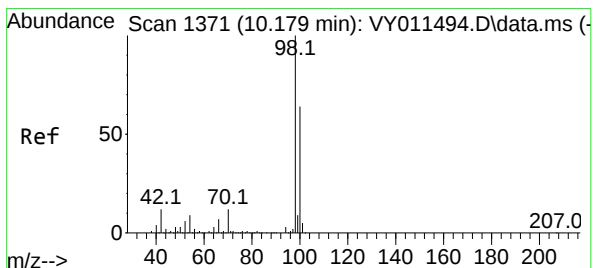
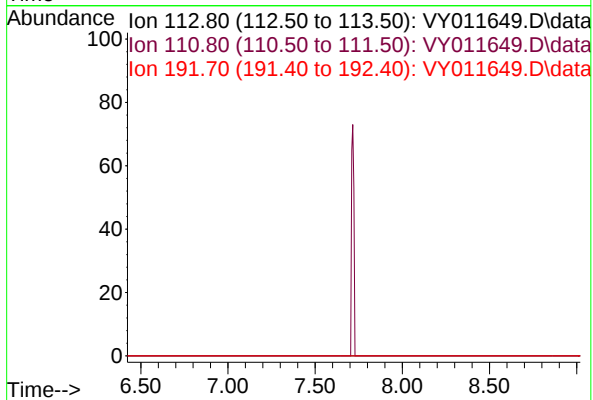


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.72 min
 Lab File: VY011649.D
 Acq: 30 Nov 2022 18:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1

Tgt Ion: 113

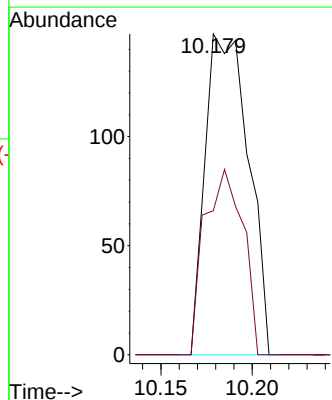
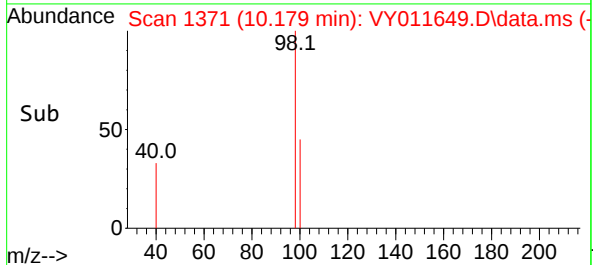
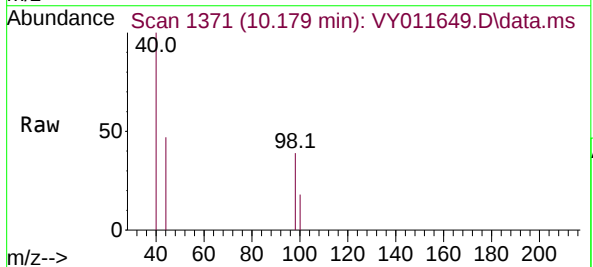
Sig	Exp Ratio
113	100
111	103.3
192	22.0

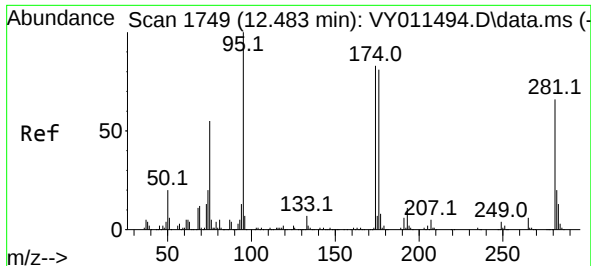


#50
 Toluene-d8
 Concen: 35.821 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY011649.D
 Acq: 30 Nov 2022 18:23

Tgt Ion: 98 Resp: 242

Ion	Ratio	Lower	Upper
98	100		
100	51.2	50.2	75.2

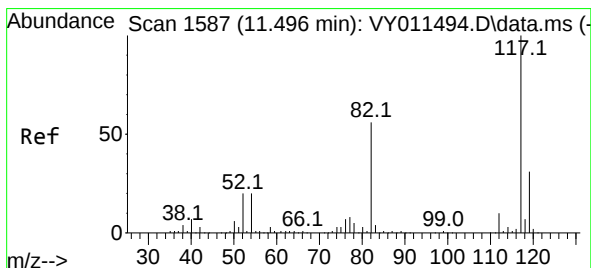
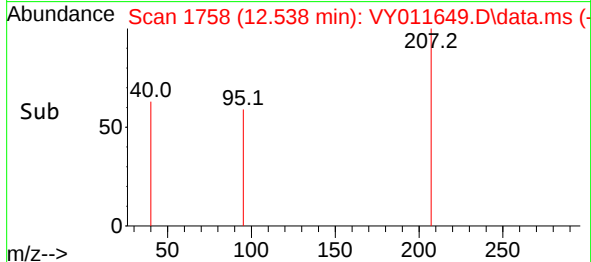
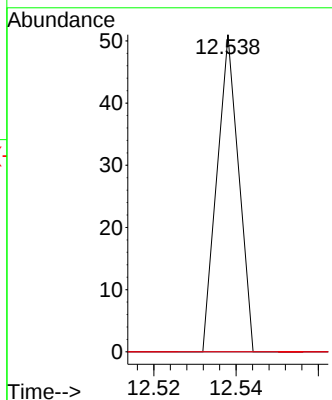
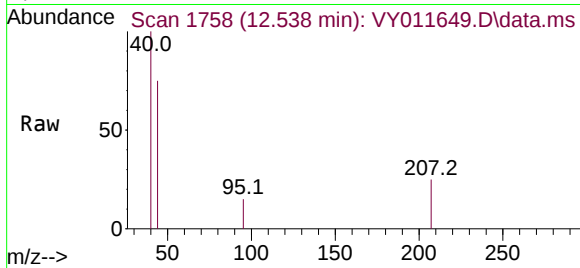




#62
4-Bromofluorobenzene
Concen: 7.607 ug/l
RT: 12.538 min Scan# 1758
Delta R.T. 0.055 min
Lab File: VY011649.D
Acq: 30 Nov 2022 18:23

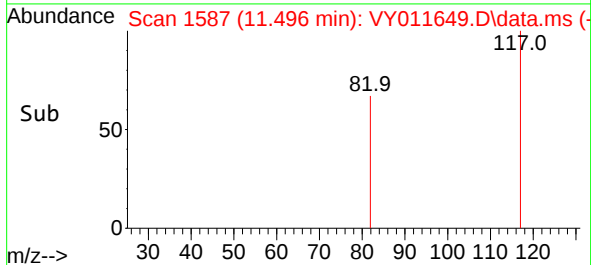
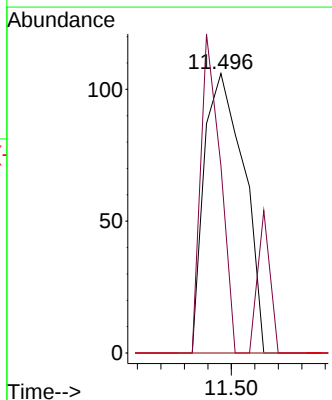
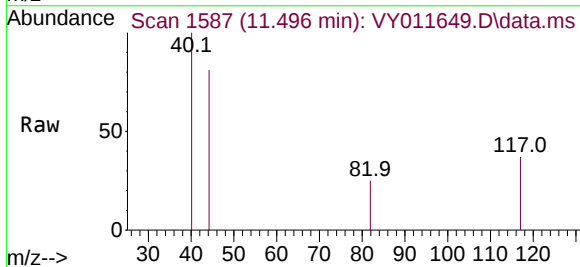
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

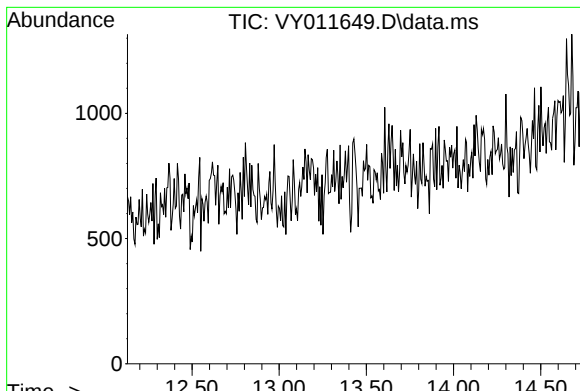
Tgt Ion: 95 Resp: 19
Ion Ratio Lower Upper
95 100
174 0.0 0.0 177.0
176 0.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY011649.D
Acq: 30 Nov 2022 18:23

Tgt Ion: 117 Resp: 124
Ion Ratio Lower Upper
117 100
82 67.0 43.0 64.4#
119 0.0 25.4 38.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min

Lab File: VY011649.D
Acq: 30 Nov 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 173.8

