

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011644.D
 Acq On : 30 Nov 2022 16:26
 Operator : KP/MD
 Sample : N5806-05
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1-GRAB

Quant Time: Dec 01 05:24:58 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)

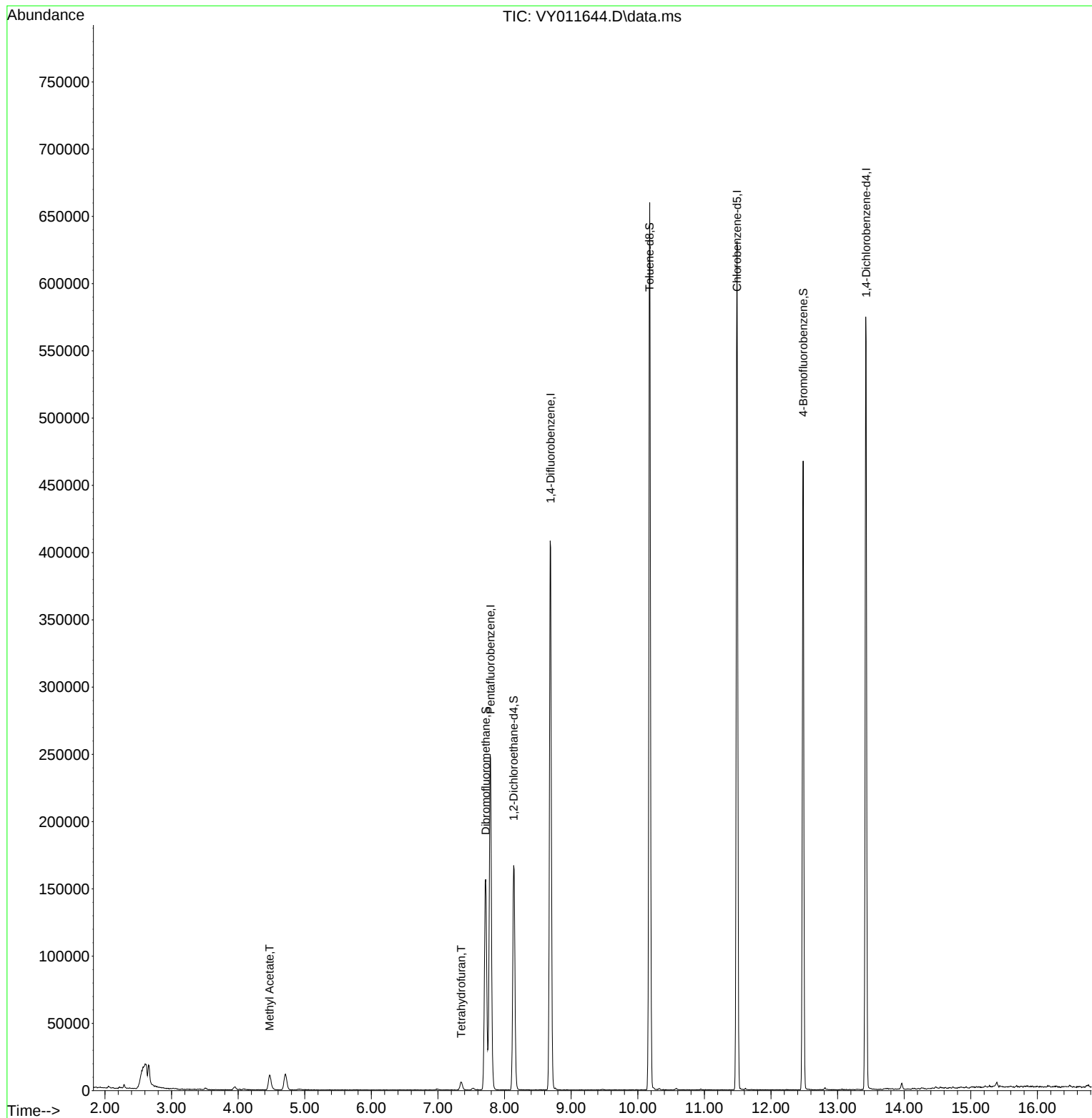
Internal Standards						
1) Pentafluorobenzene	7.789	168	193495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	349086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	332708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133917	68.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.320%	
35) Dibromofluoromethane	7.716	113	113404	52.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.540%	
50) Toluene-d8	10.179	98	425767	54.522	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	12.483	95	137241	47.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.060%	
Target Compounds						
						Qvalue
18) Methyl Acetate	4.473	43	22094	13.169	ug/l	92
29) Tetrahydrofuran	7.350	42	4761	10.052	ug/l	90

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

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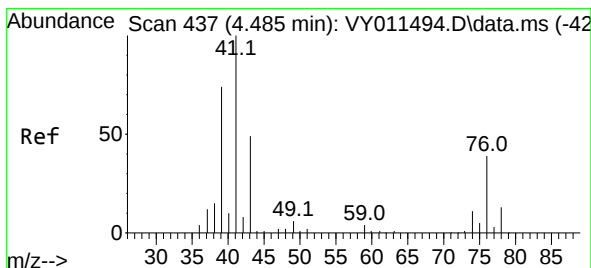
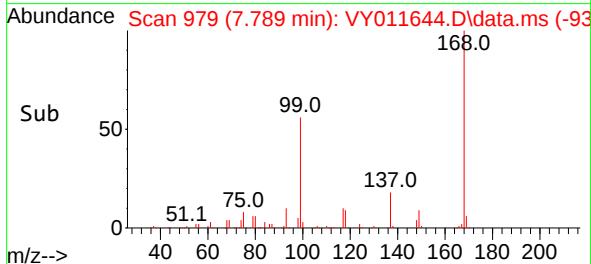
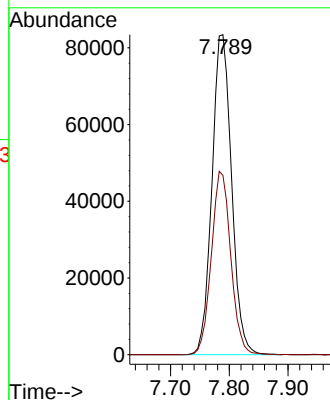
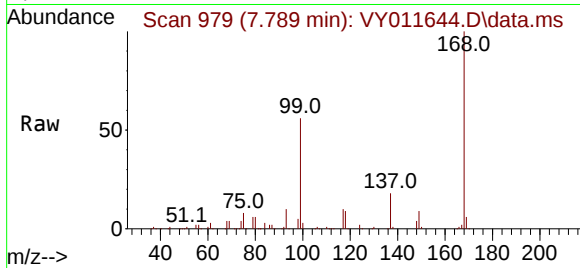




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011644.D
Acq: 30 Nov 2022 16:26

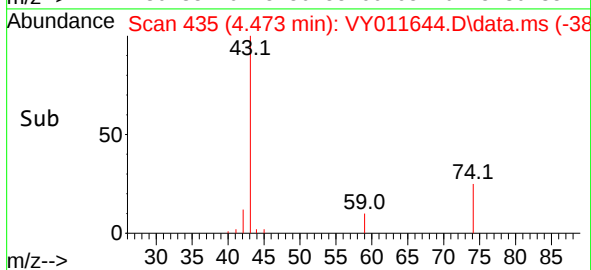
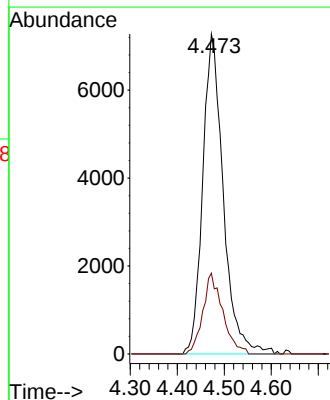
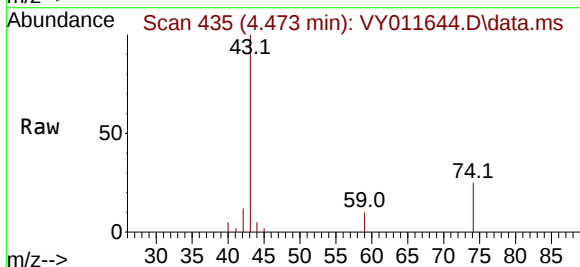
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1-GRAB

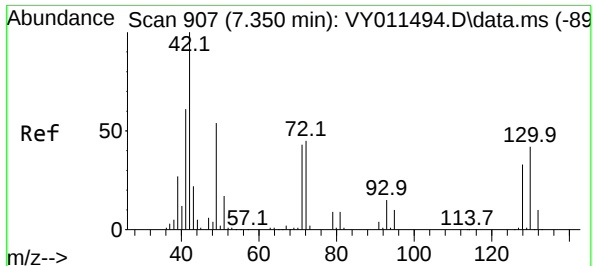
Tgt Ion:168 Resp: 193495
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#18
Methyl Acetate
Concen: 13.169 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY011644.D
Acq: 30 Nov 2022 16:26

Tgt Ion: 43 Resp: 22094
Ion Ratio Lower Upper
43 100
74 24.4 16.6 24.8





#29

Tetrahydrofuran

Concen: 10.052 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY011644.D

Acq: 30 Nov 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-1-GRAB

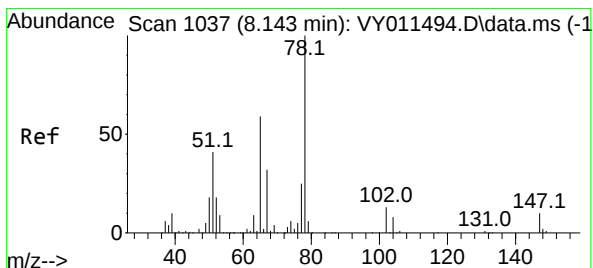
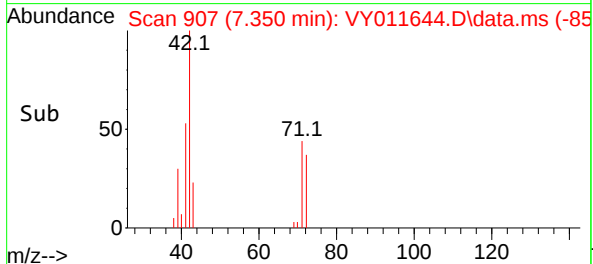
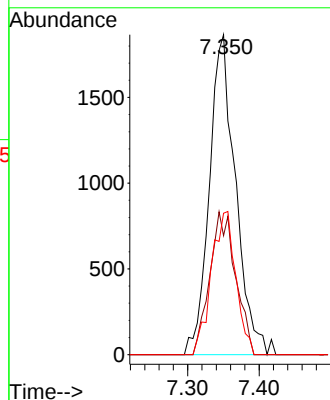
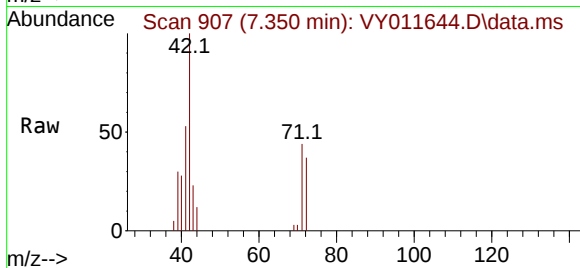
Tgt Ion: 42 Resp: 4761

Ion Ratio Lower Upper

42 100

72 43.9 30.3 45.5

71 41.6 29.0 43.4



#33

1,2-Dichloroethane-d4

Concen: 68.160 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY011644.D

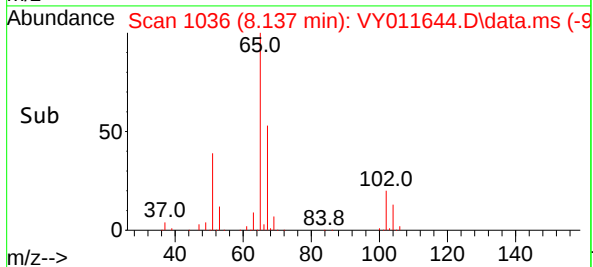
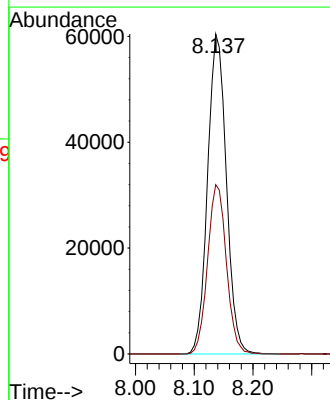
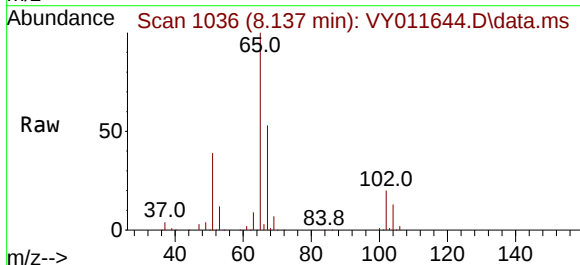
Acq: 30 Nov 2022 16:26

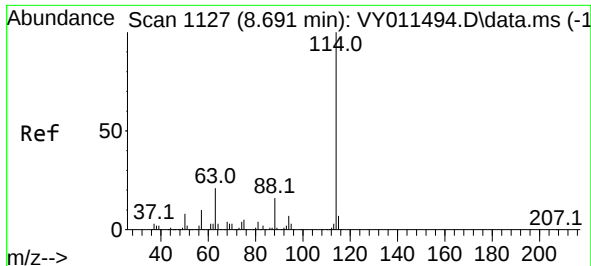
Tgt Ion: 65 Resp: 133917

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011644.D

Acq: 30 Nov 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-1-GRAB

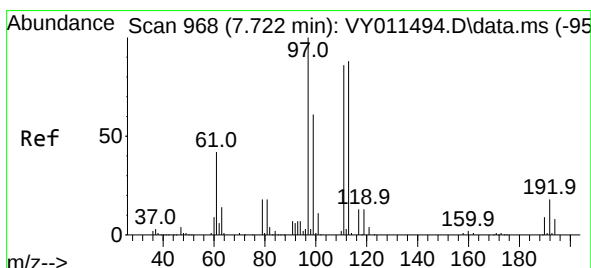
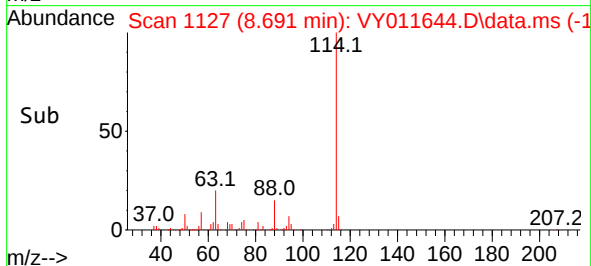
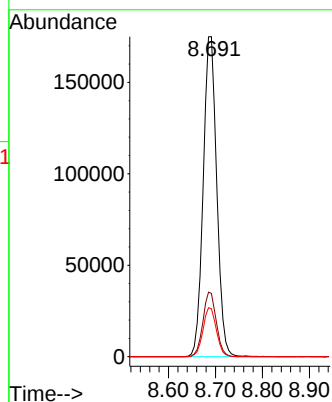
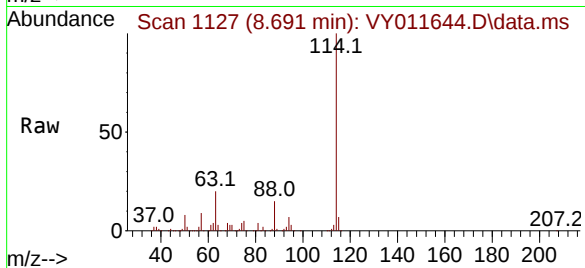
Tgt Ion:114 Resp: 349086

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.772 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011644.D

Acq: 30 Nov 2022 16:26

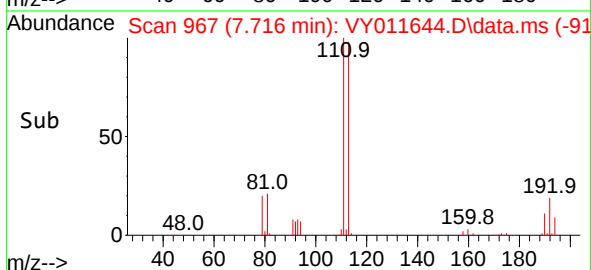
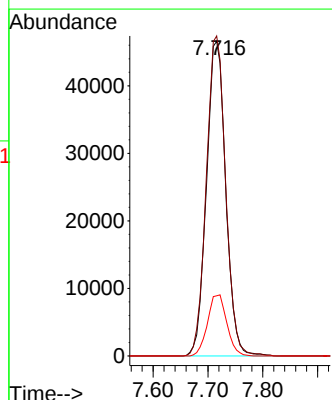
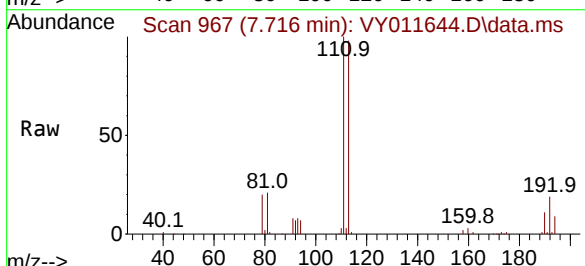
Tgt Ion:113 Resp: 113404

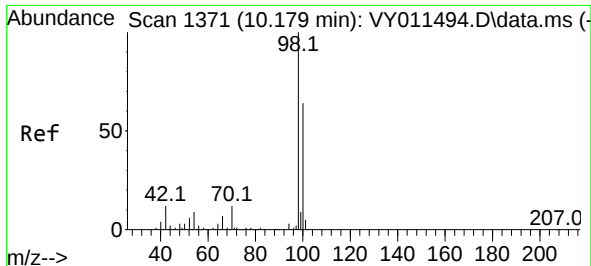
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.5 17.6 26.4

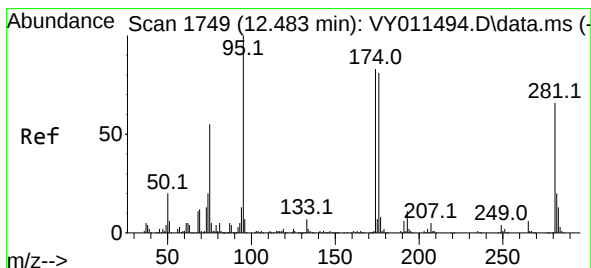
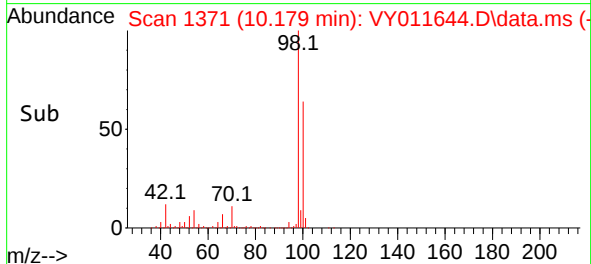
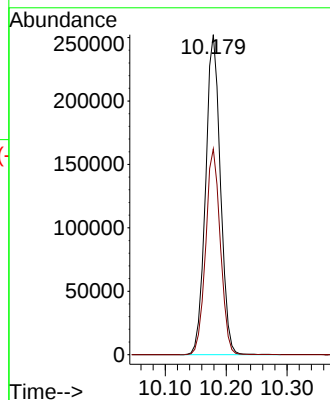
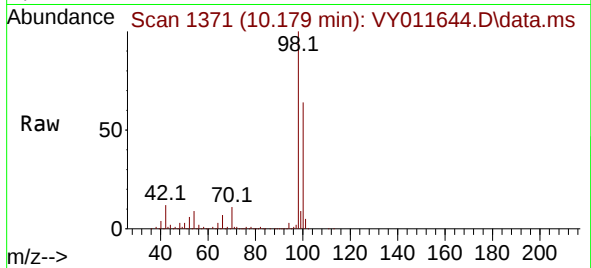




#50
Toluene-d8
Concen: 54.522 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011644.D
Acq: 30 Nov 2022 16:26

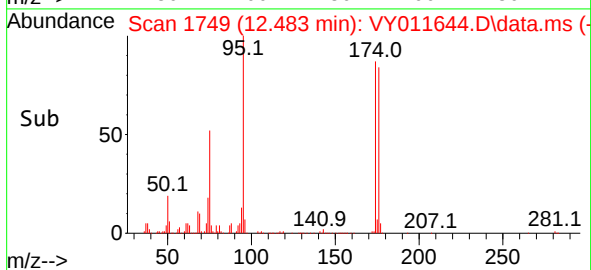
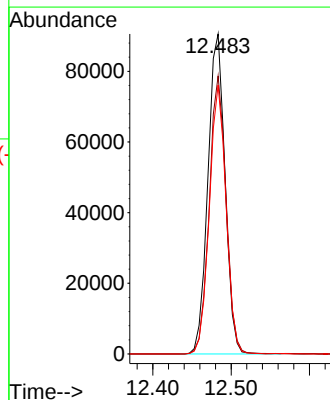
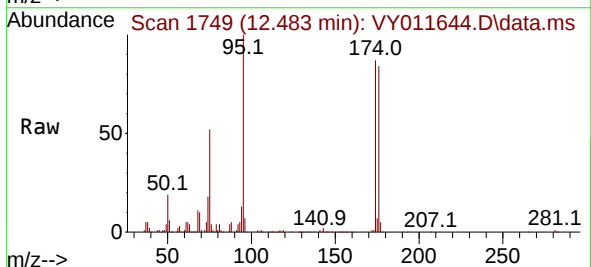
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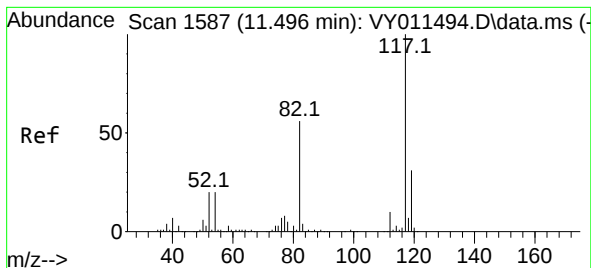
Tgt Ion: 98 Resp: 425767
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.533 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011644.D
Acq: 30 Nov 2022 16:26

Tgt Ion: 95 Resp: 137241
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 82.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011644.D

Acq: 30 Nov 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-1-GRAB

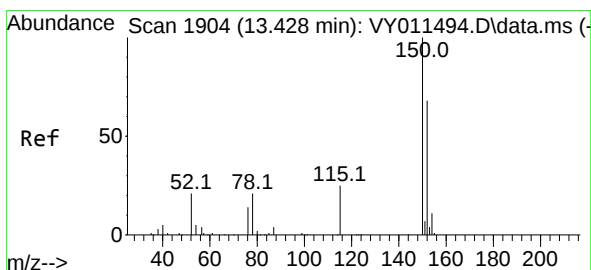
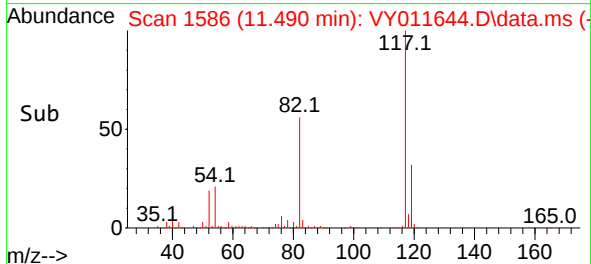
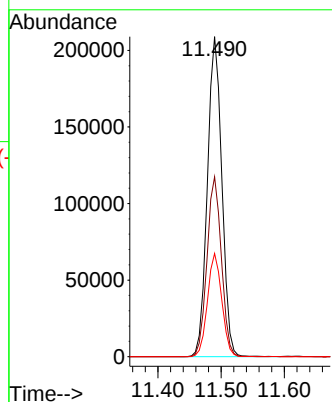
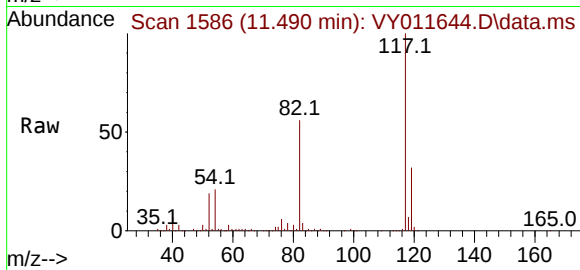
Tgt Ion:117 Resp: 332708

Ion Ratio Lower Upper

117 100

82 56.2 43.0 64.4

119 32.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011644.D

Acq: 30 Nov 2022 16:26

Tgt Ion:152 Resp: 146605

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 157.8 0.0 347.6

