

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012926.D
 Acq On : 13 Mar 2023 14:52
 Operator : KP/MD
 Sample : 01898-05
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1-GRAB-7

Quant Time: Mar 14 01:26:34 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)

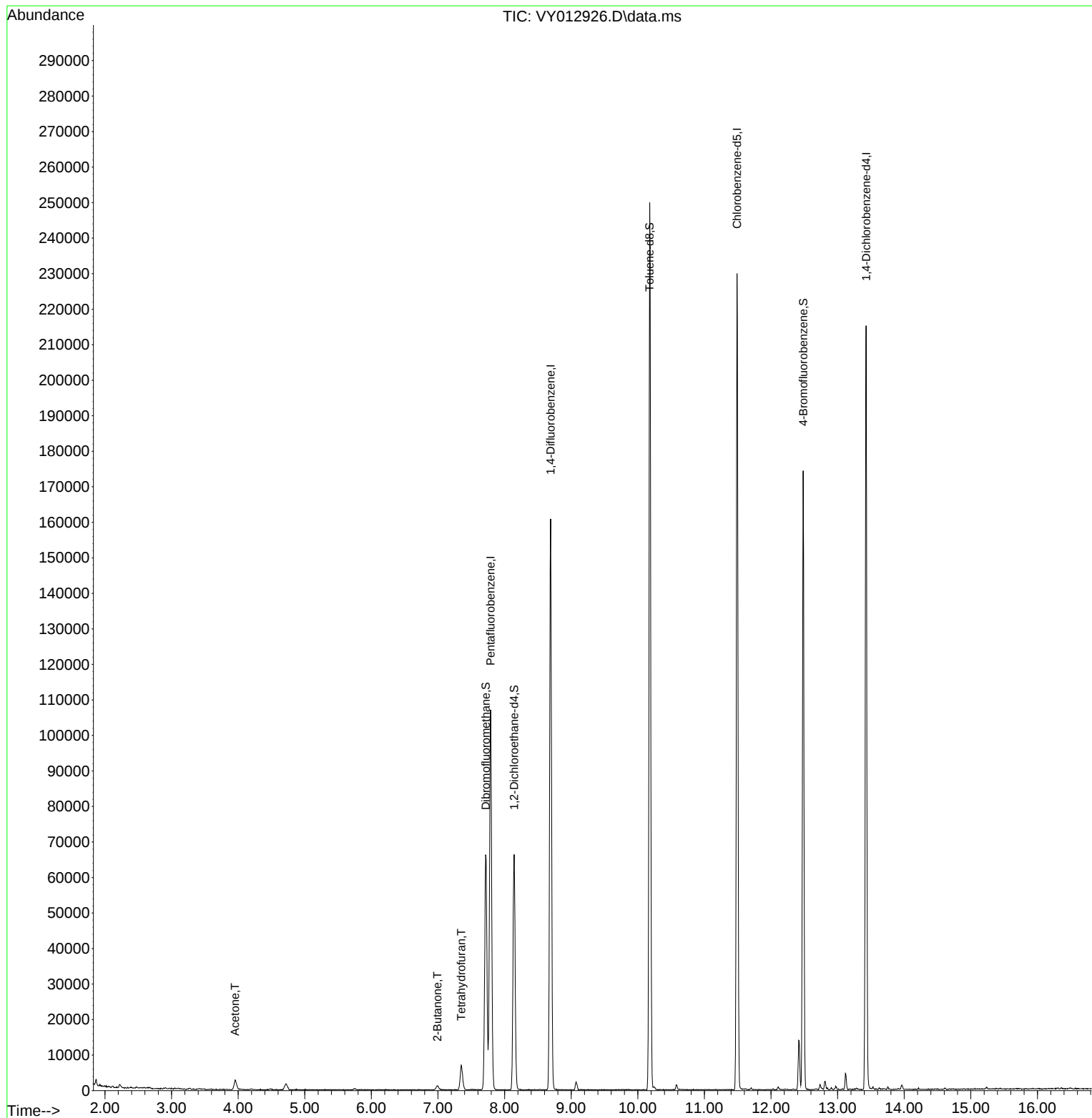
Internal Standards						
1) Pentafluorobenzene	7.789	168	83391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	123747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51700	62.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.880%
35) Dibromofluoromethane	7.716	113	45833	55.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.200%
50) Toluene-d8	10.179	98	163375	53.727	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.460%
62) 4-Bromofluorobenzene	12.483	95	50302	49.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.020%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	4917	15.130	ug/l	97
25) 2-Butanone	6.990	43	2186	5.431	ug/l	97
29) Tetrahydrofuran	7.350	42	5554	22.878	ug/l	98

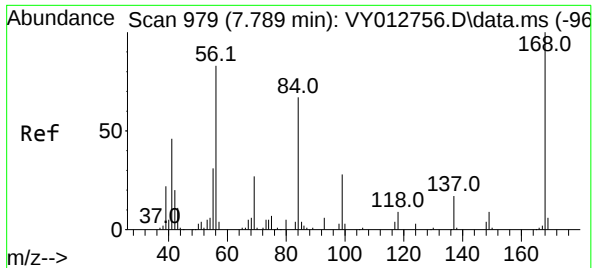
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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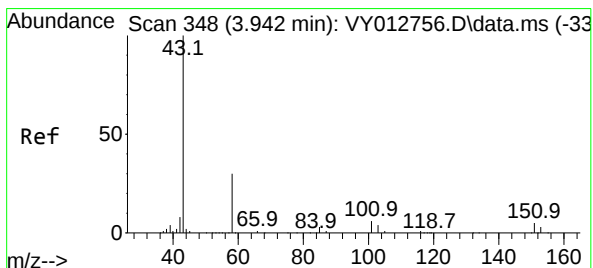
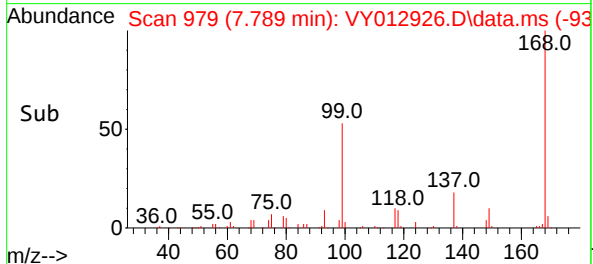
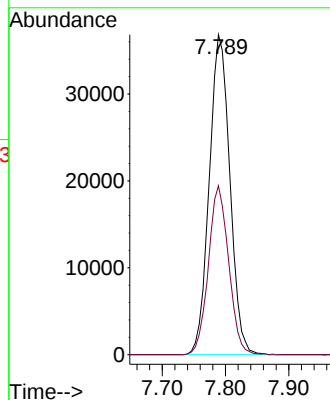
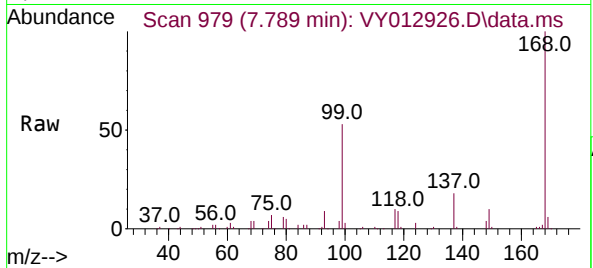




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012926.D
Acq: 13 Mar 2023 14:52

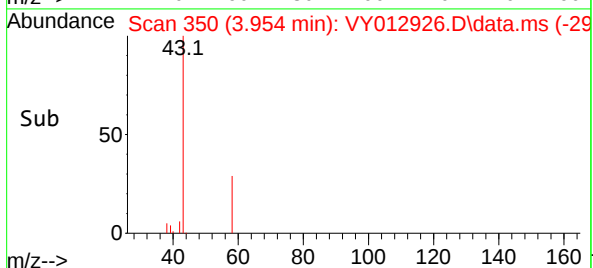
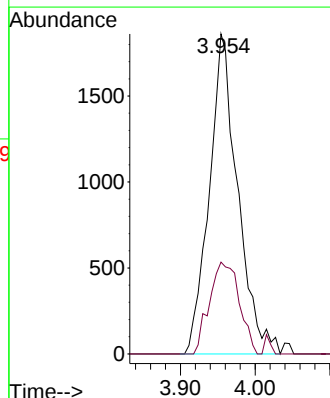
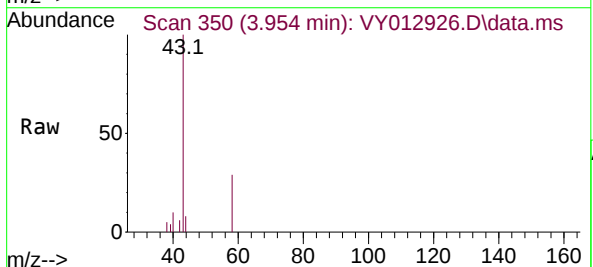
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1-GRAB-7

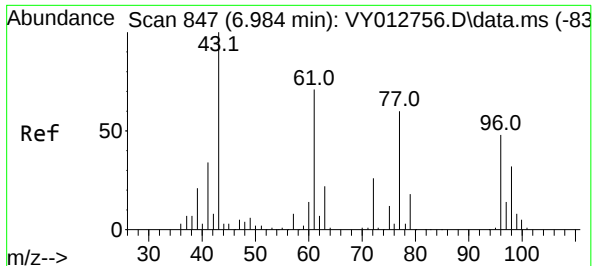
Tgt Ion:168 Resp: 83391
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#16
Acetone
Concen: 15.130 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012926.D
Acq: 13 Mar 2023 14:52

Tgt Ion: 43 Resp: 4917
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.2





#25

2-Butanone

Concen: 5.431 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012926.D

Acq: 13 Mar 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

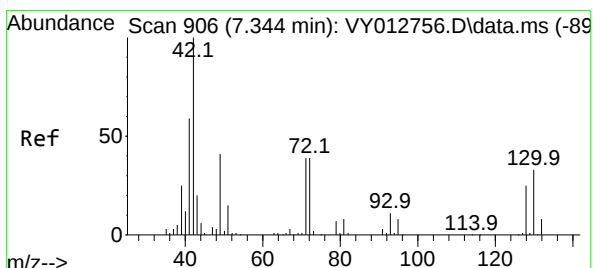
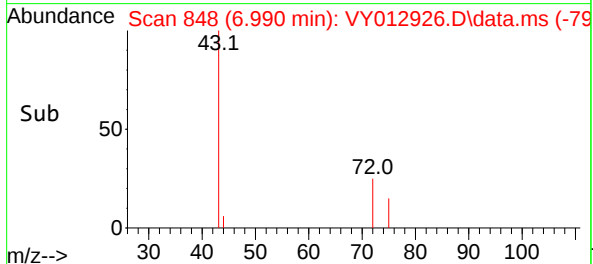
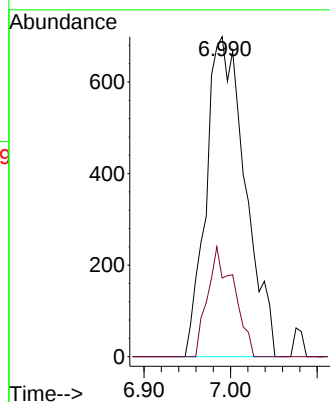
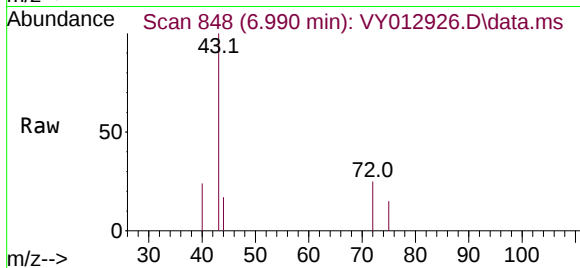
TOTAL-VOC-1-GRAB-7

Tgt Ion: 43 Resp: 2186

Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.4



#29

Tetrahydrofuran

Concen: 22.878 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY012926.D

Acq: 13 Mar 2023 14:52

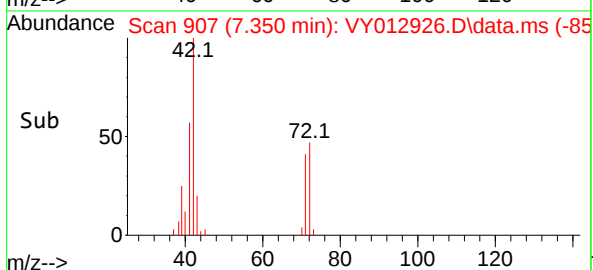
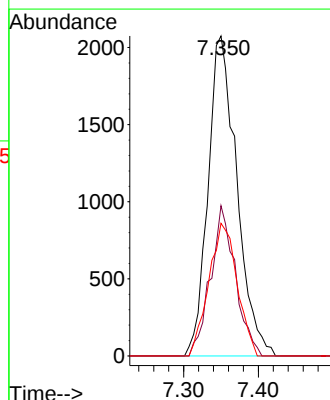
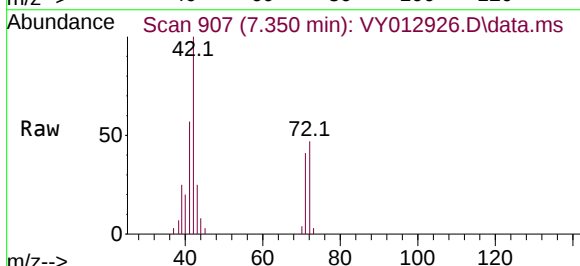
Tgt Ion: 42 Resp: 5554

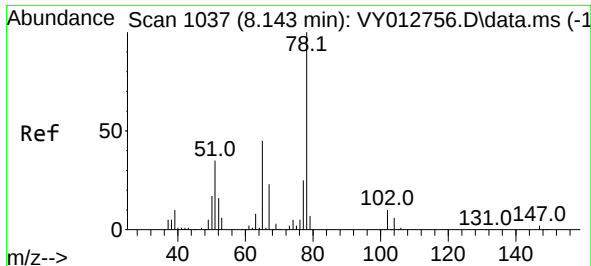
Ion Ratio Lower Upper

42 100

72 40.6 32.3 48.5

71 40.8 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 62.442 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012926.D

Acq: 13 Mar 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

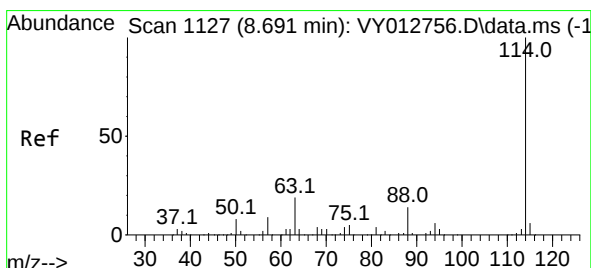
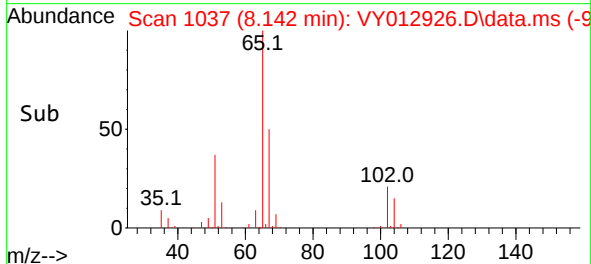
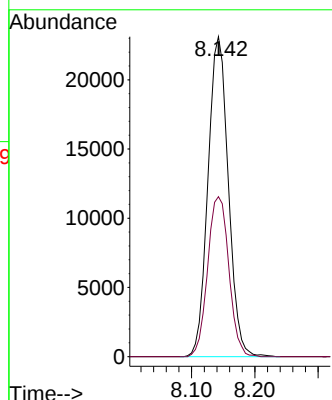
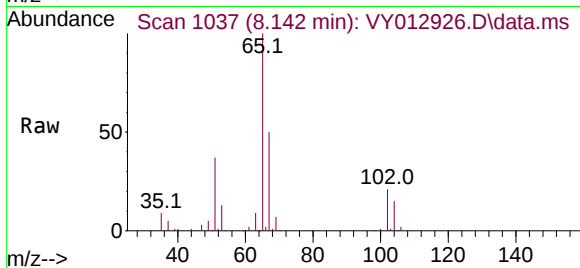
TOTAL-VOC-1-GRAB-7

Tgt Ion: 65 Resp: 51700

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: VY012926.D

Acq: 13 Mar 2023 14:52

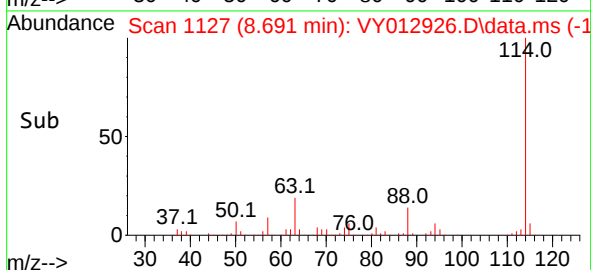
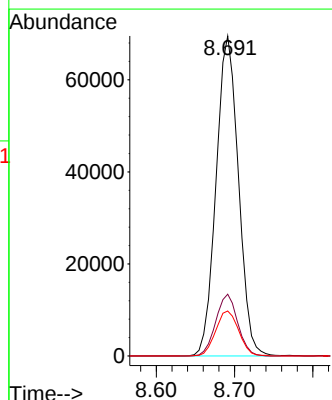
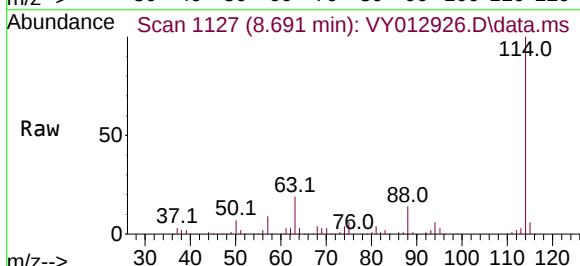
Tgt Ion: 114 Resp: 137826

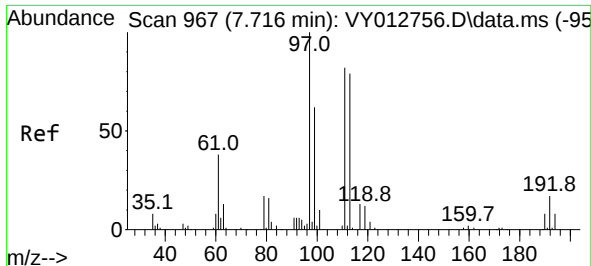
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.1 0.0 28.6

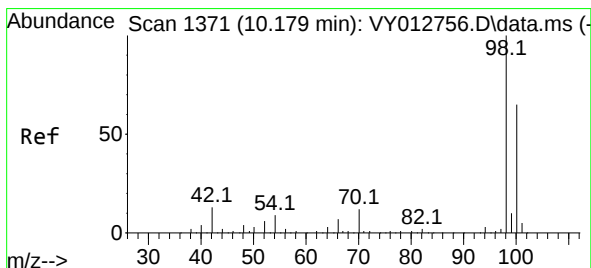
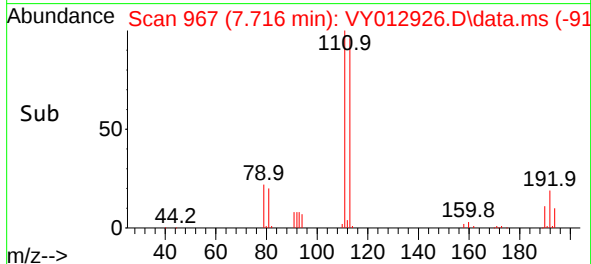
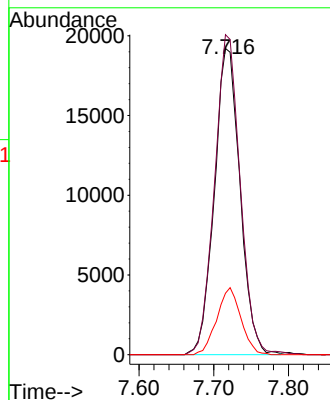
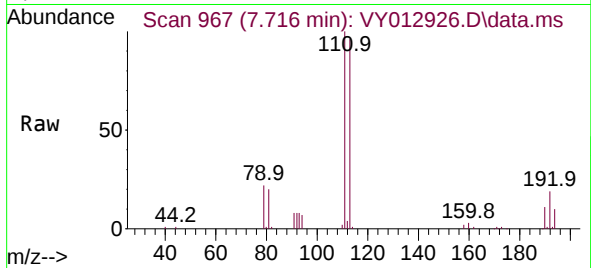




#35
Dibromofluoromethane
Concen: 55.102 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012926.D
Acq: 13 Mar 2023 14:52

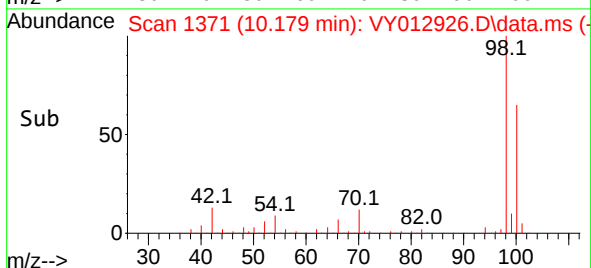
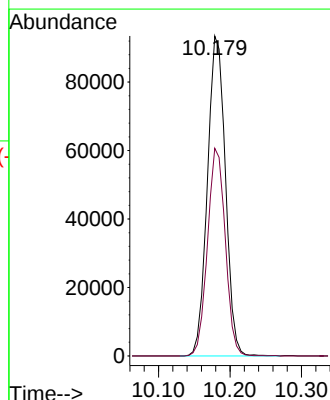
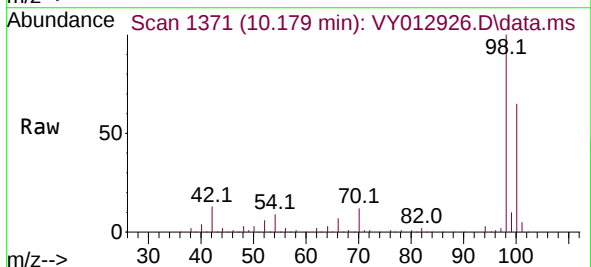
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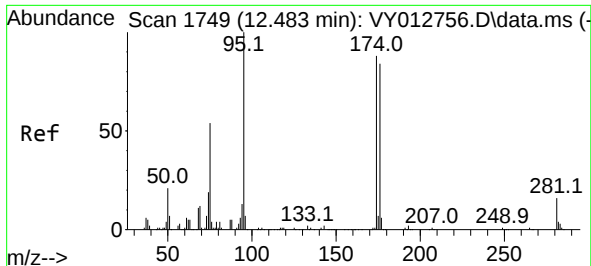
Tgt Ion:113 Resp: 45833
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 20.6 16.8 25.2



#50
Toluene-d8
Concen: 53.727 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012926.D
Acq: 13 Mar 2023 14:52

Tgt Ion: 98 Resp: 163375
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

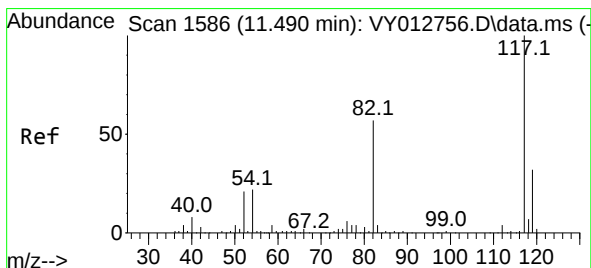
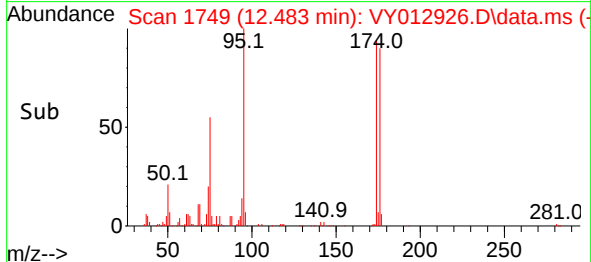
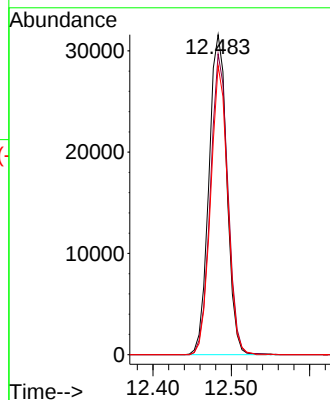
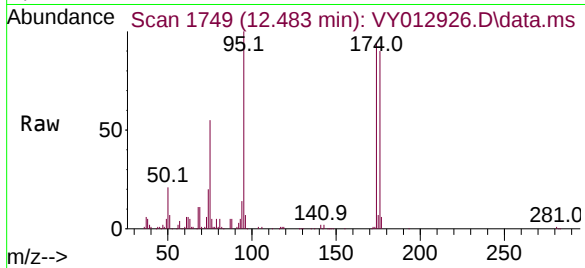




#62
4-Bromofluorobenzene
Concen: 49.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012926.D
Acq: 13 Mar 2023 14:52

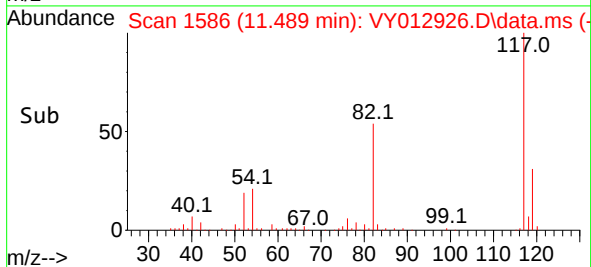
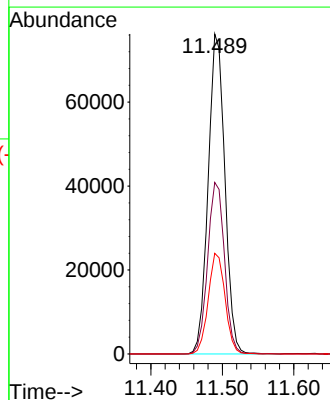
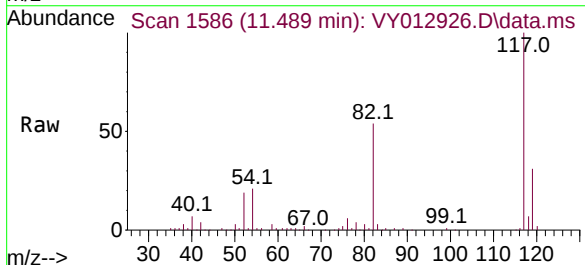
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TOTAL-VOC-1-GRAB-7

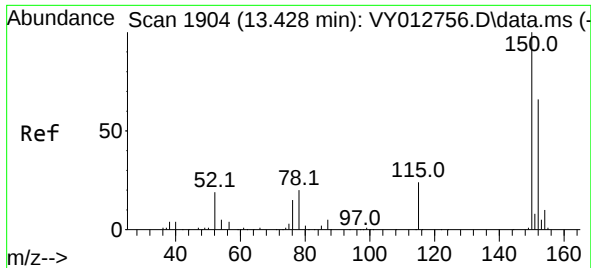
Tgt Ion: 95 Resp: 50302
Ion Ratio Lower Upper
95 100
174 91.6 0.0 176.6
176 86.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012926.D
Acq: 13 Mar 2023 14:52

Tgt Ion: 117 Resp: 123747
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 31.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012926.D

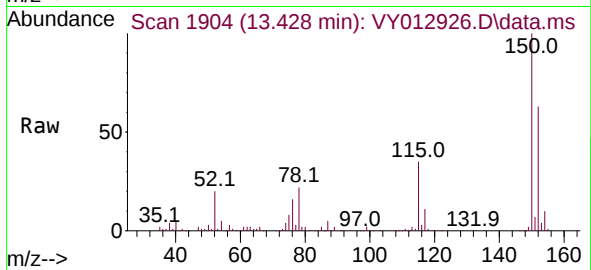
Acq: 13 Mar 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-1-GRAB-7



Tgt Ion:152 Resp: 55669

Ion Ratio Lower Upper

152 100

115 54.9 27.1 81.3

150 157.0 0.0 347.8

