

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012927.D
 Acq On : 13 Mar 2023 15:15
 Operator : KP/MD
 Sample : 01898-06
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-2-GRAB-8

Quant Time: Mar 14 01:26:54 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)

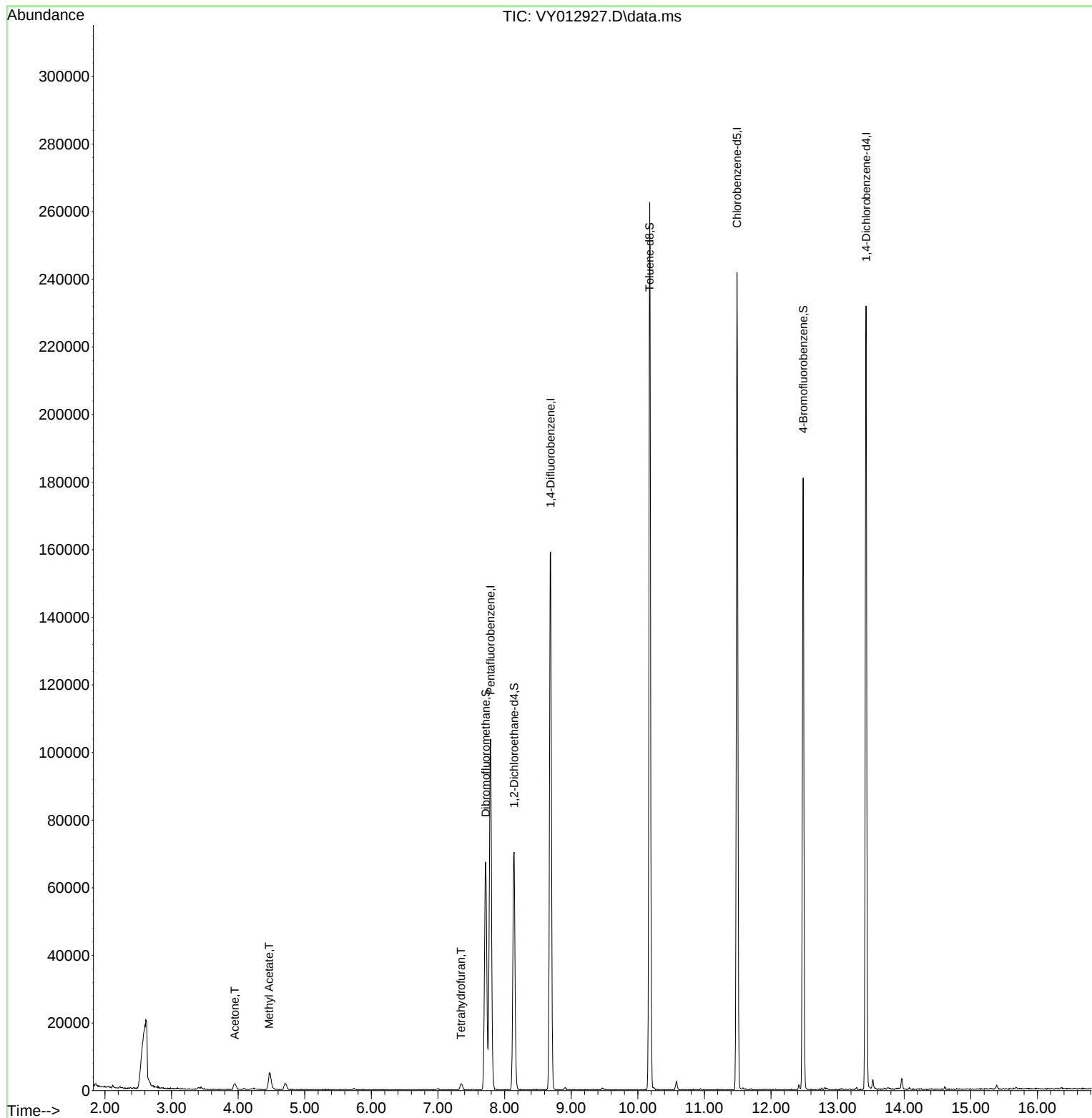
Internal Standards						
1) Pentafluorobenzene	7.789	168	83993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56330	67.547	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.100%			
35) Dibromofluoromethane	7.716	113	48388	57.717	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.440%			
50) Toluene-d8	10.179	98	167103	54.522	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.040%			
62) 4-Bromofluorobenzene	12.483	95	51697	49.974	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.940%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	3370	10.295	ug/l	90
18) Methyl Acetate	4.466	43	10328	10.595	ug/l	97
29) Tetrahydrofuran	7.344	42	1547	6.327	ug/l	97

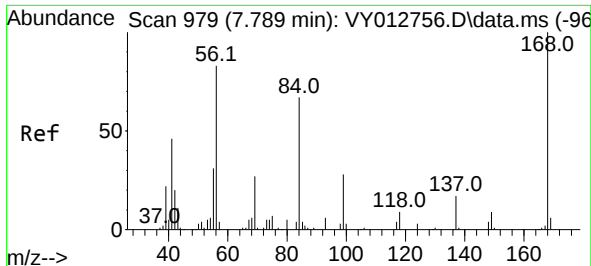
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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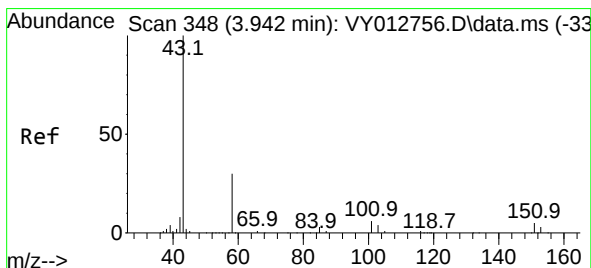
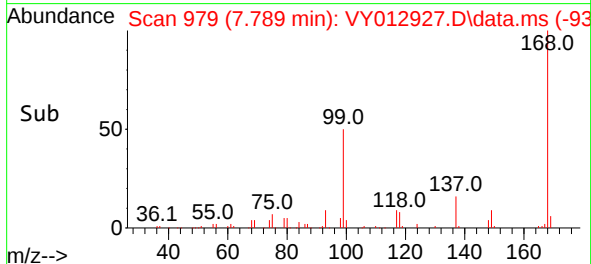
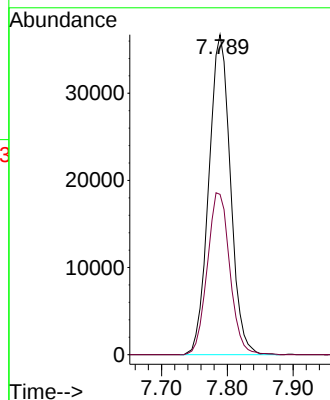
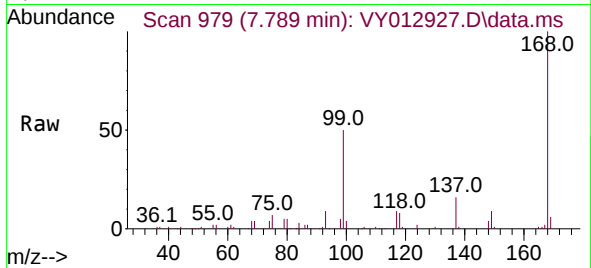




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012927.D
Acq: 13 Mar 2023 15:15

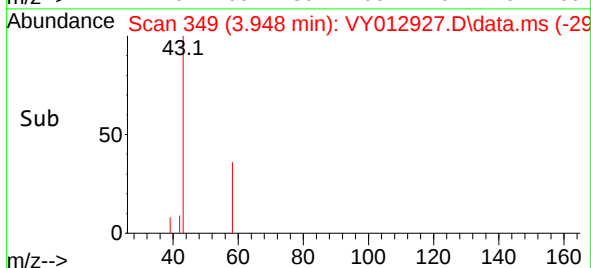
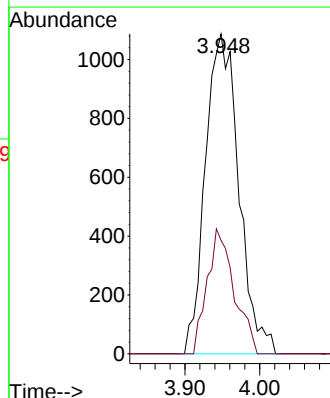
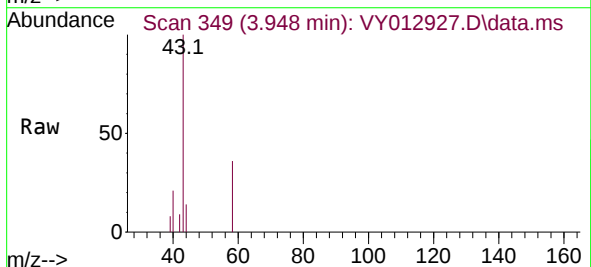
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB-8

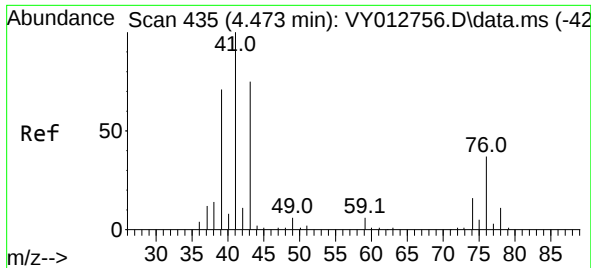
Tgt Ion:168 Resp: 83993
Ion Ratio Lower Upper
168 100
99 50.1 41.7 62.5



#16
Acetone
Concen: 10.295 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012927.D
Acq: 13 Mar 2023 15:15

Tgt Ion: 43 Resp: 3370
Ion Ratio Lower Upper
43 100
58 35.5 24.2 36.2

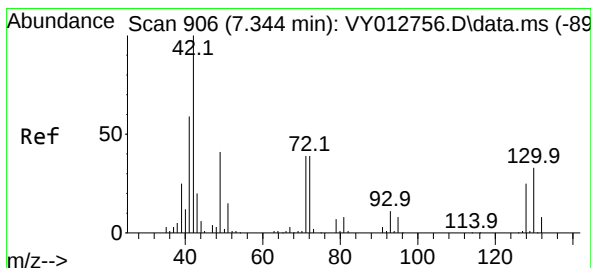
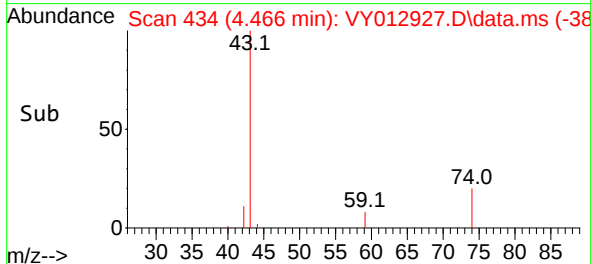
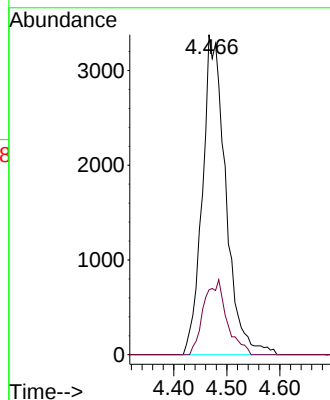
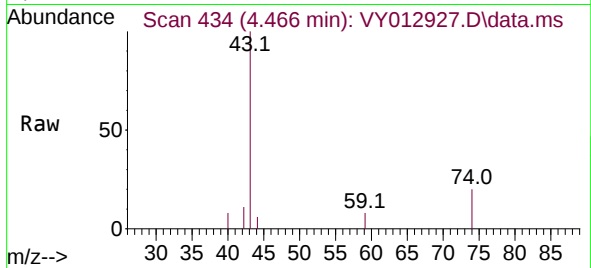




#18
Methyl Acetate
Concen: 10.595 ug/l
RT: 4.466 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY012927.D
Acq: 13 Mar 2023 15:15

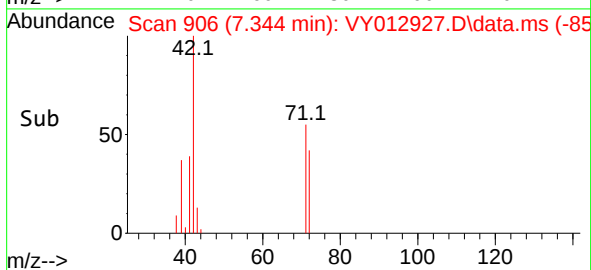
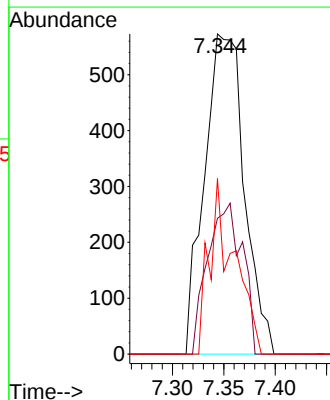
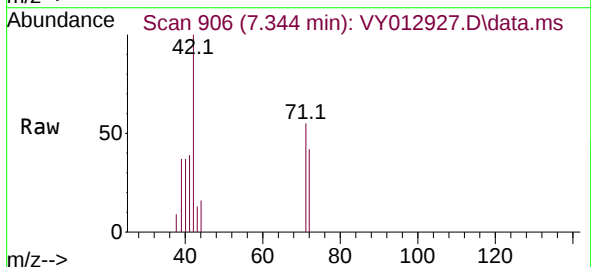
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB-8

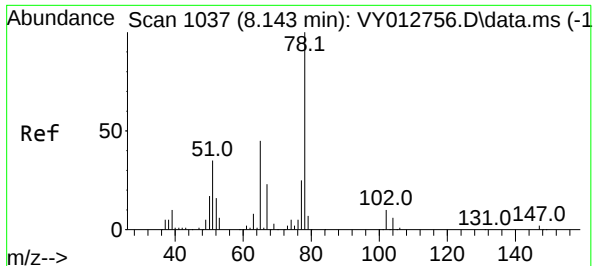
Tgt Ion: 43 Resp: 10328
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.0



#29
Tetrahydrofuran
Concen: 6.327 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY012927.D
Acq: 13 Mar 2023 15:15

Tgt Ion: 42 Resp: 1547
Ion Ratio Lower Upper
42 100
72 41.0 32.3 48.5
71 34.3 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 67.547 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012927.D

Acq: 13 Mar 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

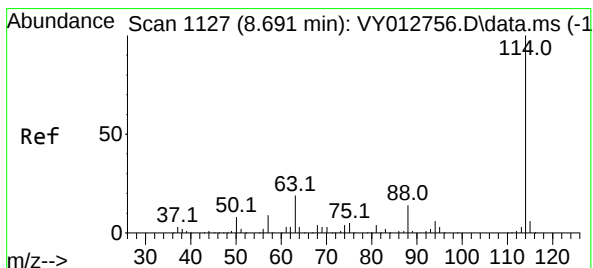
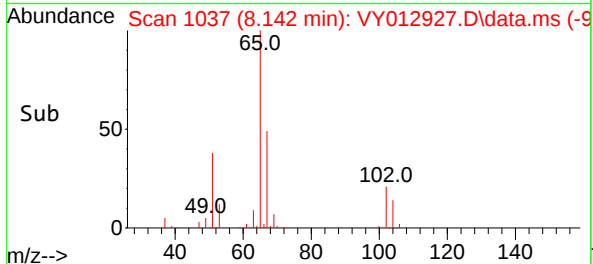
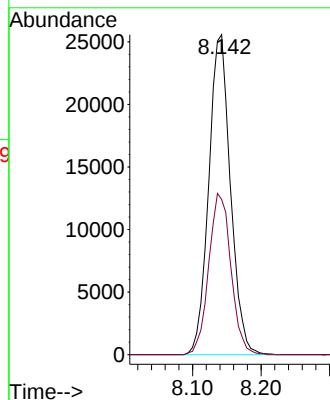
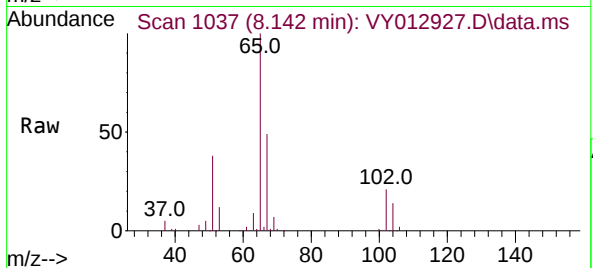
TOTAL-VOC-2-GRAB-8

Tgt Ion: 65 Resp: 56330

Ion Ratio Lower Upper

65 100

67 51.5 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: VY012927.D

Acq: 13 Mar 2023 15:15

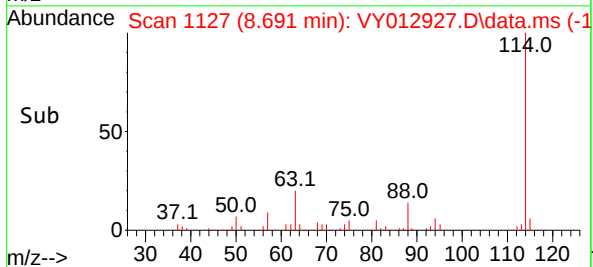
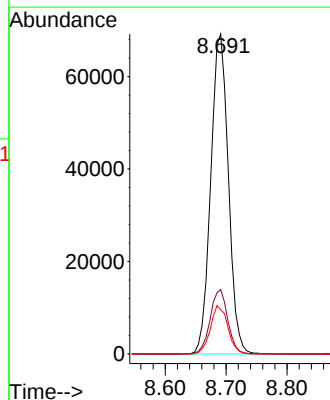
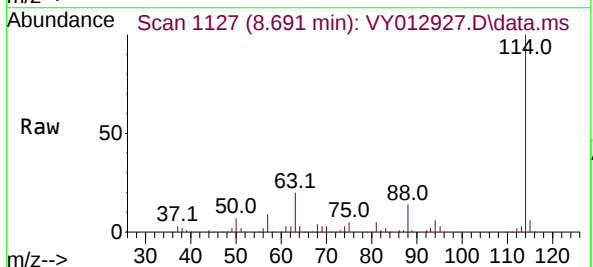
Tgt Ion: 114 Resp: 138917

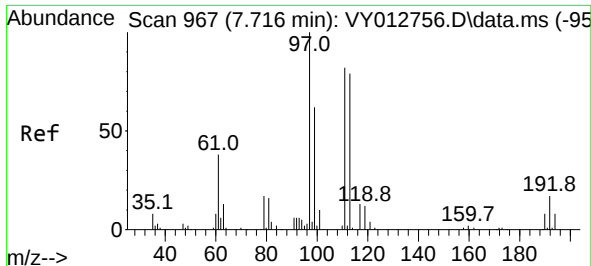
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 13.8 0.0 28.6

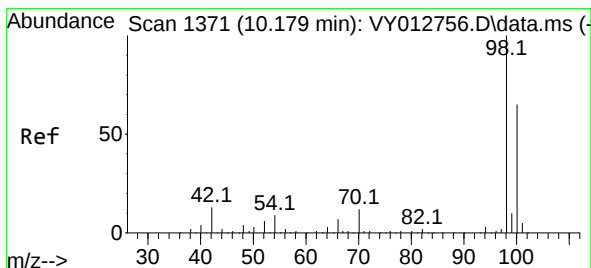
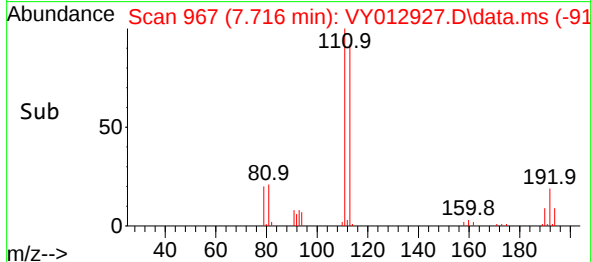
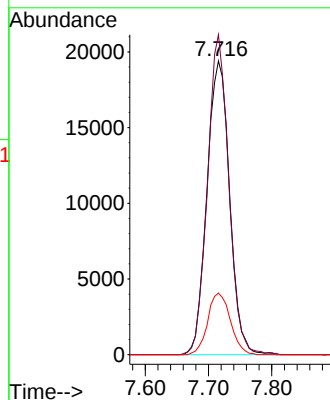
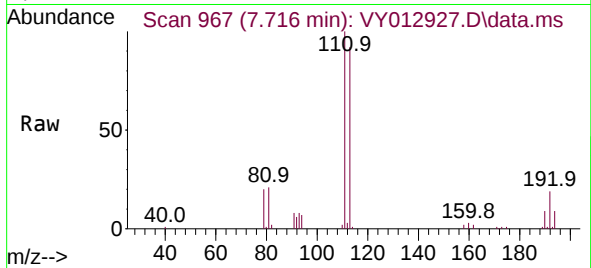




#35
Dibromofluoromethane
Concen: 57.717 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012927.D
Acq: 13 Mar 2023 15:15

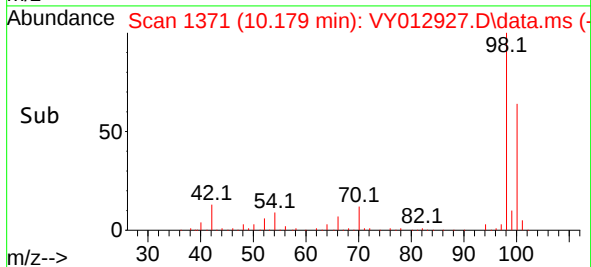
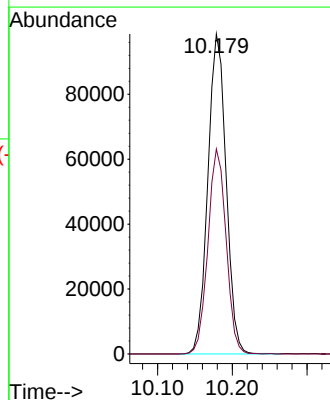
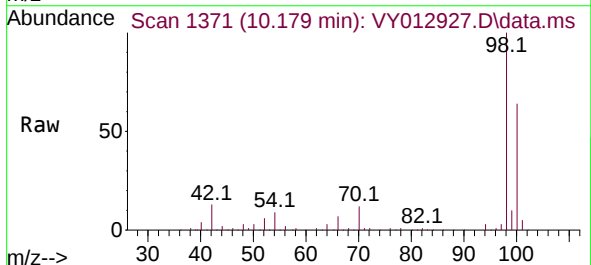
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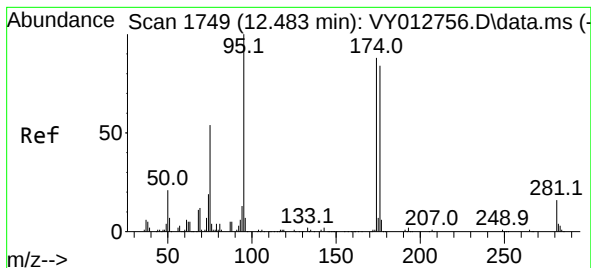
Tgt Ion:113 Resp: 48388
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.9 16.8 25.2



#50
Toluene-d8
Concen: 54.522 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012927.D
Acq: 13 Mar 2023 15:15

Tgt Ion: 98 Resp: 167103
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

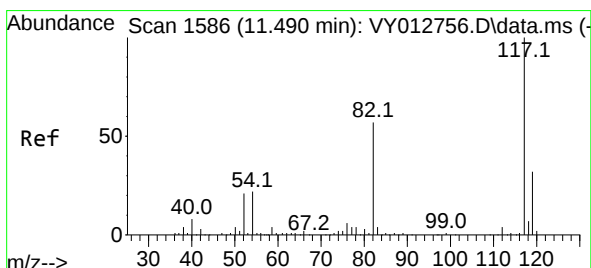
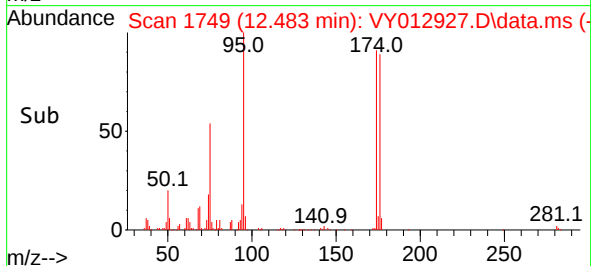
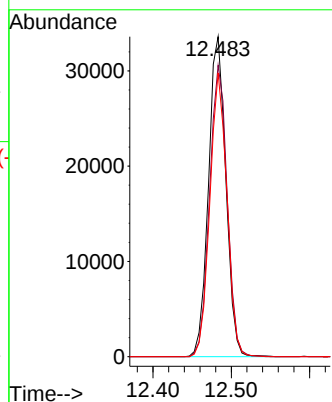
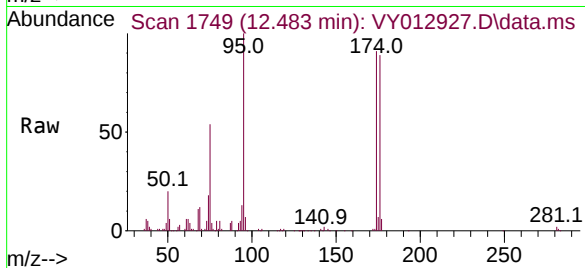




#62
4-Bromofluorobenzene
Concen: 49.974 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012927.D
Acq: 13 Mar 2023 15:15

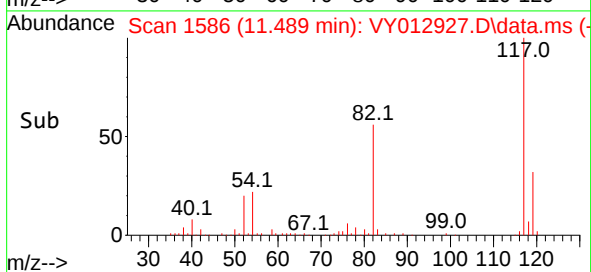
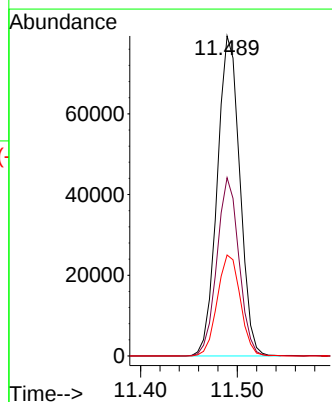
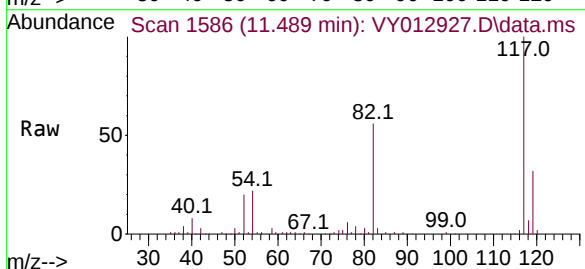
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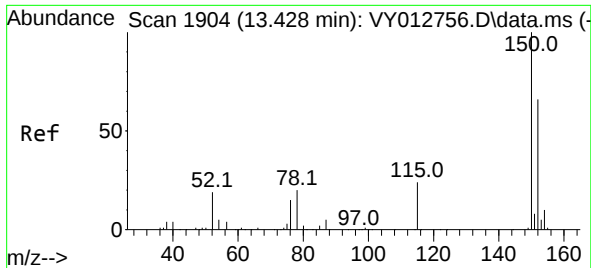
Tgt Ion: 95 Resp: 51697
Ion Ratio Lower Upper
95 100
174 92.5 0.0 176.6
176 87.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012927.D
Acq: 13 Mar 2023 15:15

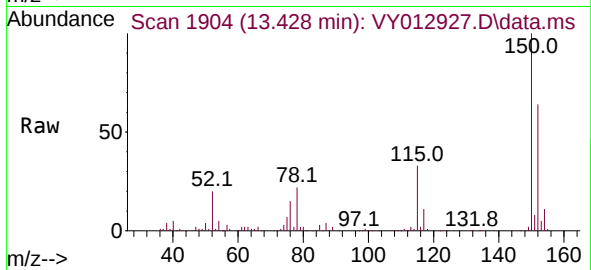
Tgt Ion: 117 Resp: 128404
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012927.D
 Acq: 13 Mar 2023 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-2-GRAB-8



Tgt Ion:152 Resp: 60109
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.1 81.3
 150 156.1 0.0 347.8

