

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012925.D
 Acq On : 13 Mar 2023 14:25
 Operator : KP/MD
 Sample : 01863-03
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 030923-1-VOC

Quant Time: Mar 14 01:26:18 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)

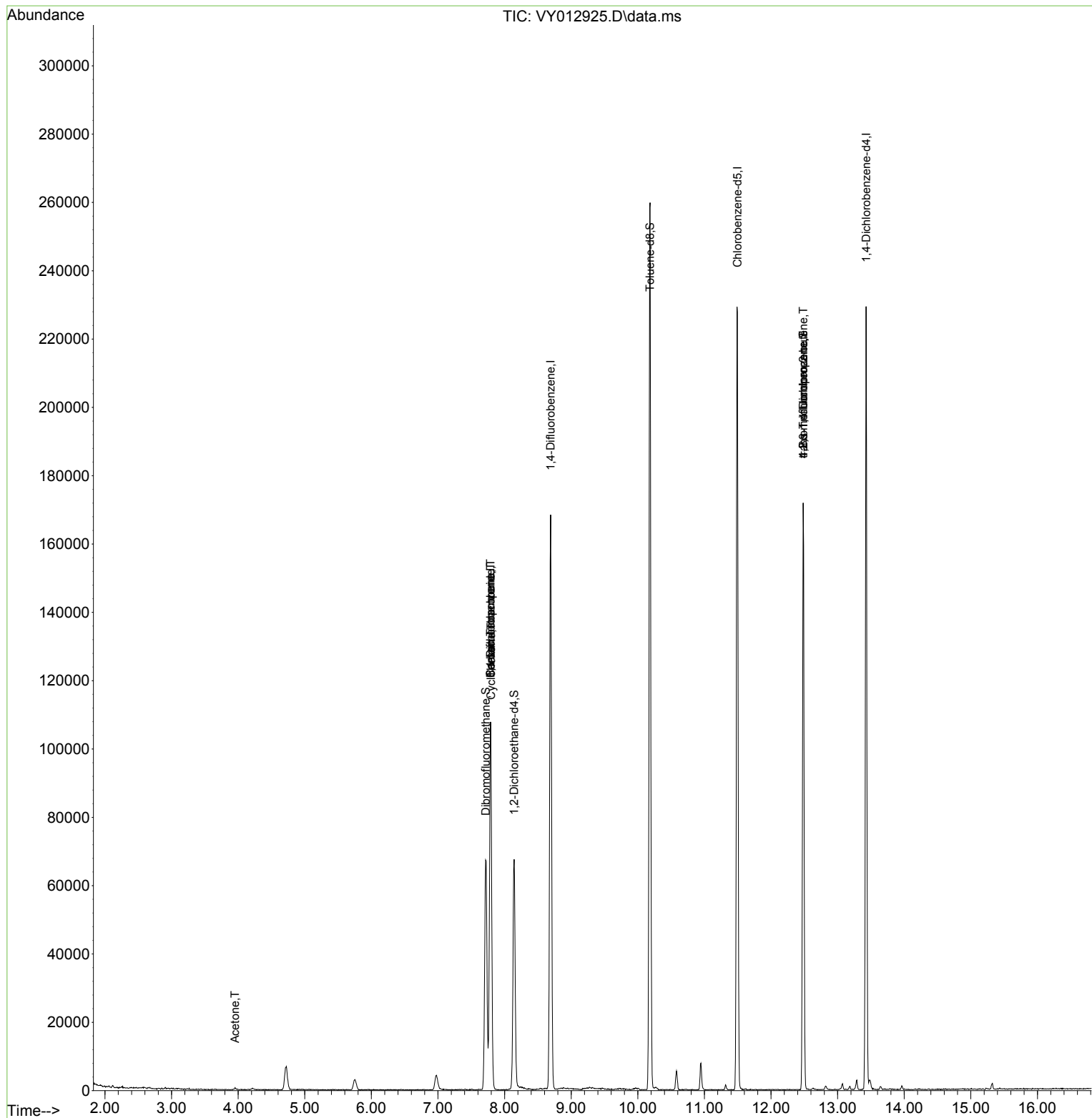
Internal Standards						
1) Pentafluorobenzene	7.789	168	84191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	127414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51770	61.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.860%	
35) Dibromofluoromethane	7.716	113	48330	56.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.120%	
50) Toluene-d8	10.185	98	170358	54.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.100%	
62) 4-Bromofluorobenzene	12.483	95	50130	47.126	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.260%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	75	Below Cal	#	74
16) Acetone	3.954	43	722	2.201	ug/l	99
20) Methylene Chloride	4.722	84	4813	Below Cal		95
31) Cyclohexane	7.795	56	1904	1.189	ug/l	# 34
36) 1,1-Dichloropropene	7.789	75	6651	4.604	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	8525	5.714	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	26189	38.628	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	26189	80.038	ug/l	# 13

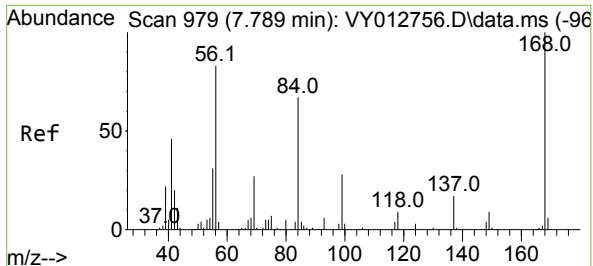
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
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MSVOA_Y
ClientSampleId :
030923-1-VOC

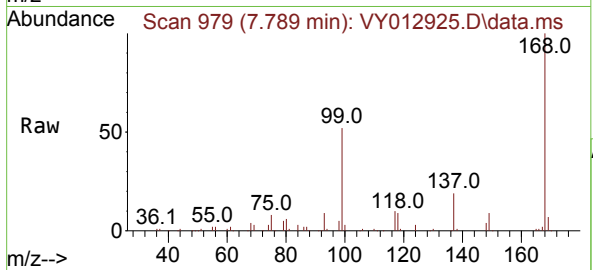
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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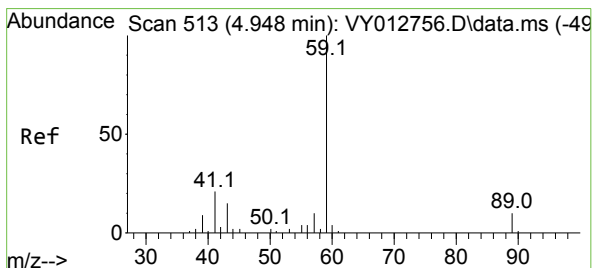
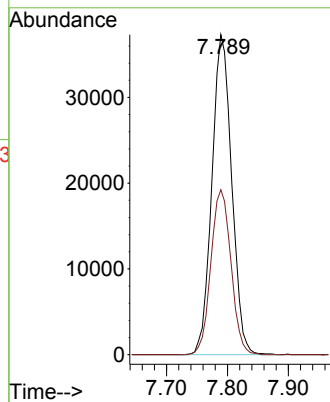
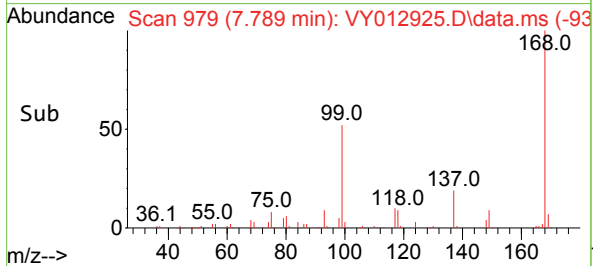


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
030923-1-VOC

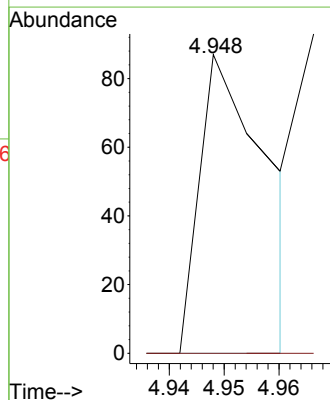
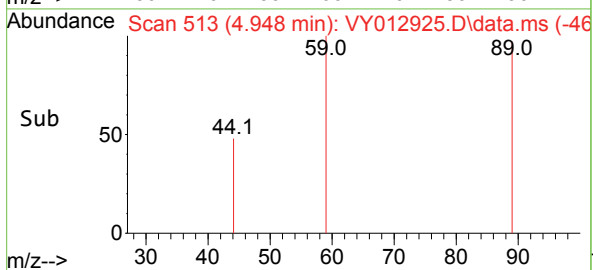
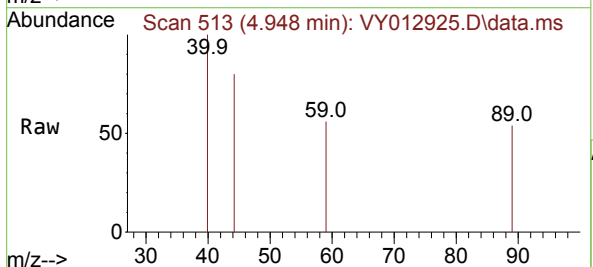


Tgt Ion:168 Resp: 84191
Ion Ratio Lower Upper
168 100
99 51.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

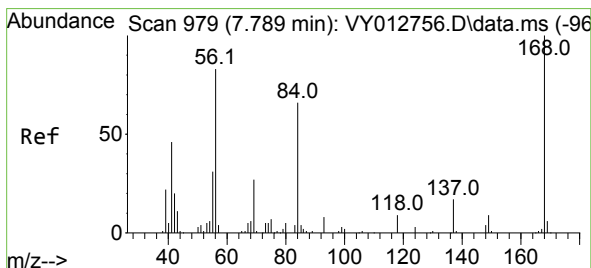
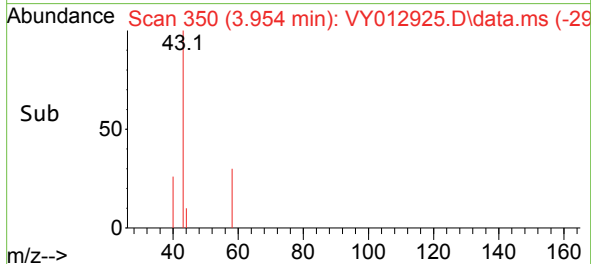
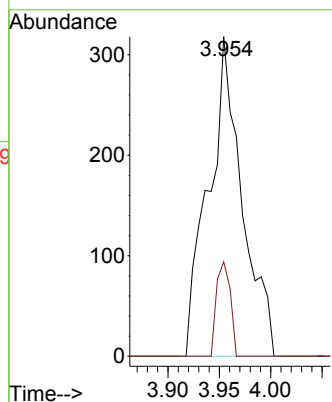
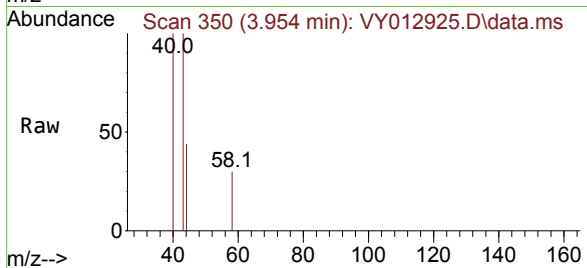




#16
Acetone
Concen: 2.201 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

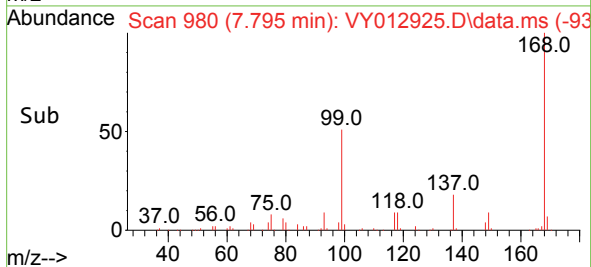
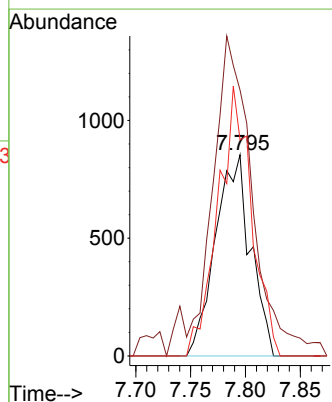
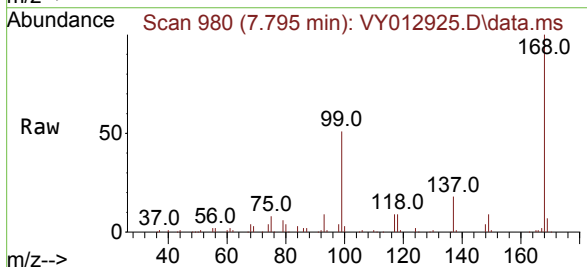
Instrument :
MSVOA_Y
ClientSampleId :
030923-1-VOC

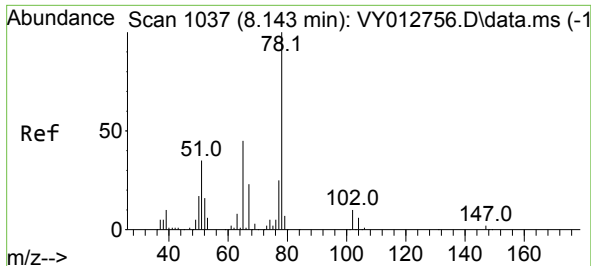
Tgt Ion: 43 Resp: 722
Ion Ratio Lower Upper
43 100
58 29.6 24.2 36.2



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

Tgt Ion: 56 Resp: 1904
Ion Ratio Lower Upper
56 100
69 118.5 25.7 38.5#
84 107.5 64.3 96.5#

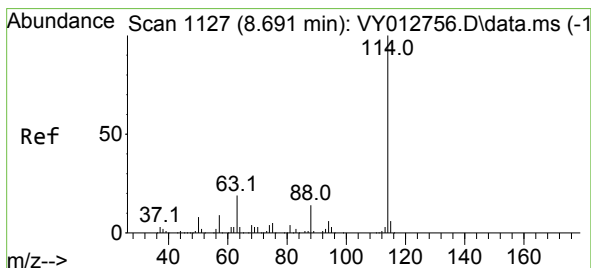
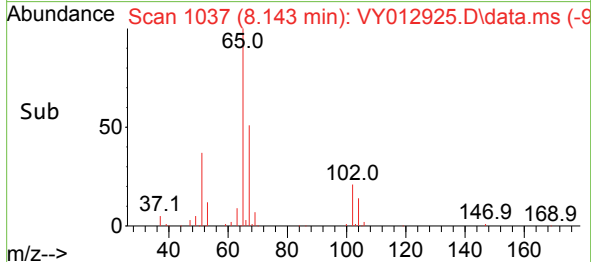
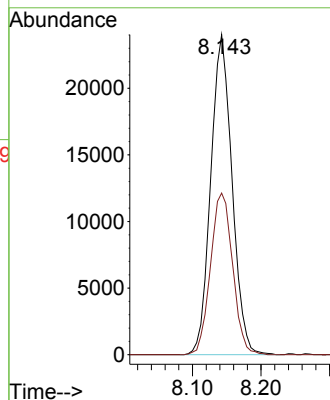
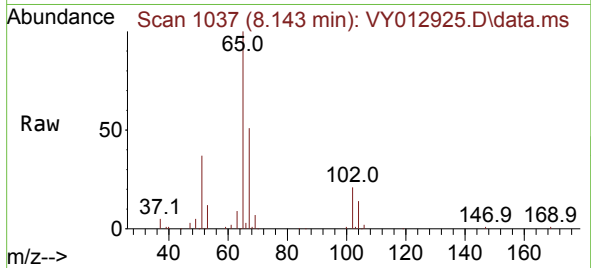




#33
 1,2-Dichloroethane-d4
 Concen: 61.933 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012925.D
 Acq: 13 Mar 2023 14:25

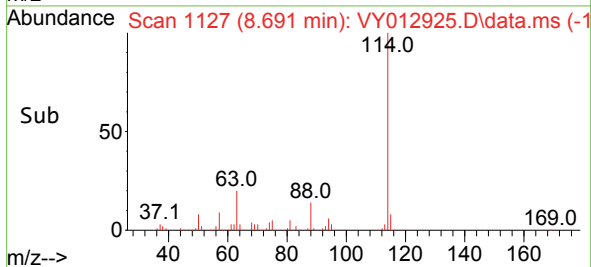
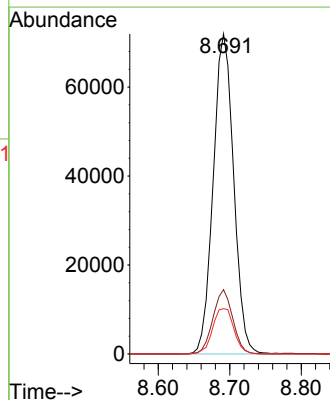
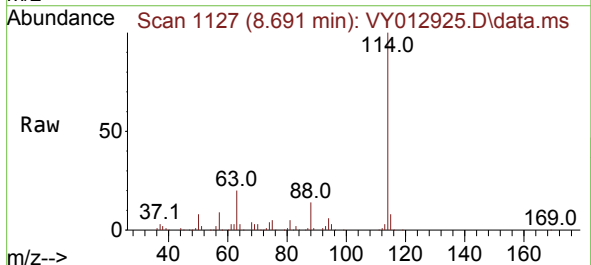
Instrument :
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 ClientSampleId :
 030923-1-VOC

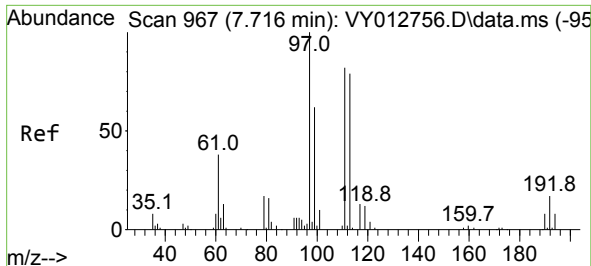
Tgt Ion: 65 Resp: 51770
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012925.D
 Acq: 13 Mar 2023 14:25

Tgt Ion: 114 Resp: 142848
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.4
 88 14.2 0.0 28.6

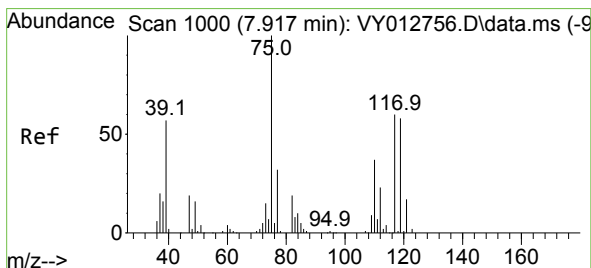
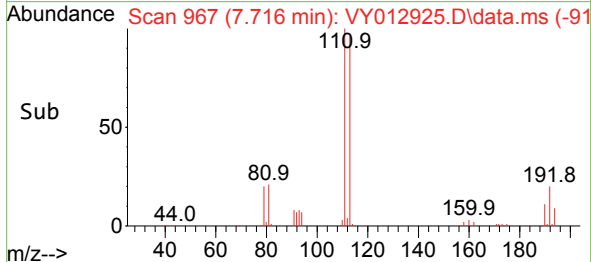
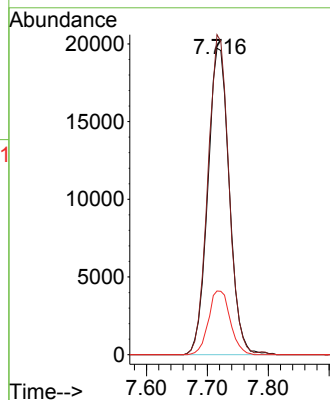
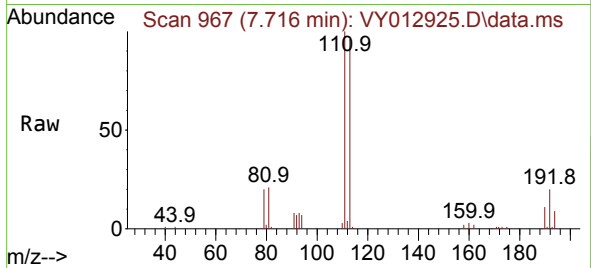




#35
Dibromofluoromethane
Concen: 56.062 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

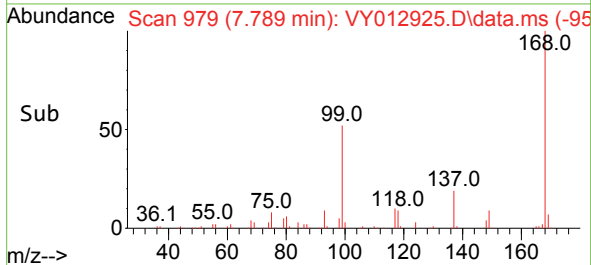
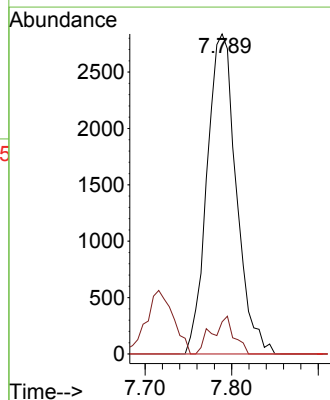
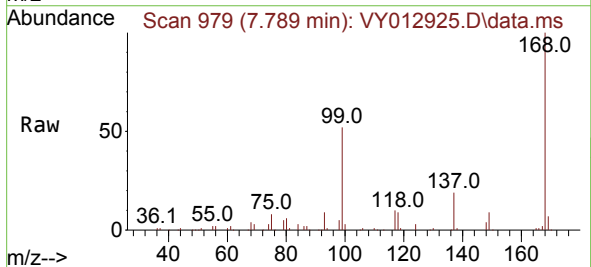
Instrument :
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ClientSampleId :
030923-1-VOC

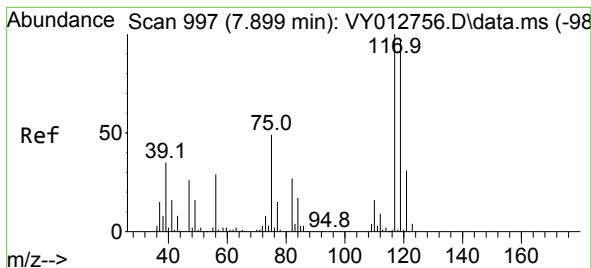
Tgt Ion:113 Resp: 48330
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

Tgt Ion: 75 Resp: 6651
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.714 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY012925.D

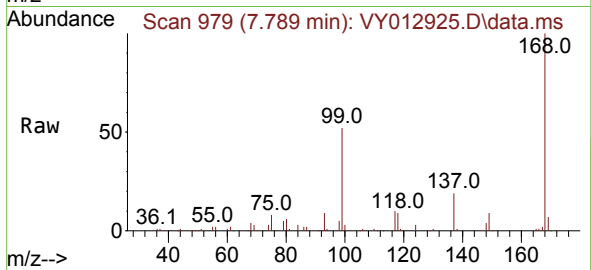
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Instrument :

MSVOA_Y

ClientSampleId :

030923-1-VOC



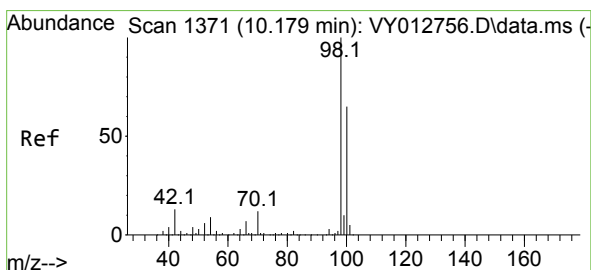
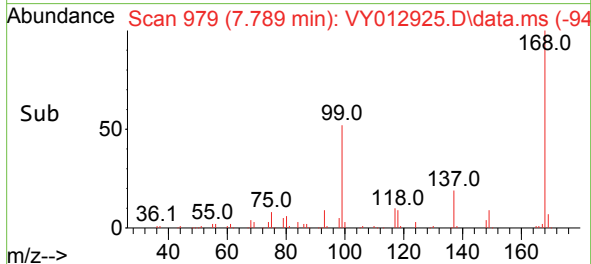
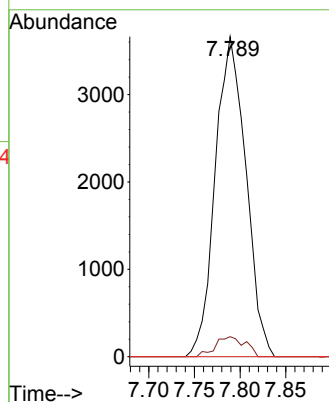
Tgt Ion:117 Resp: 8525

Ion Ratio Lower Upper

117 100

119 6.2 77.2 115.8#

121 0.0 24.7 37.1#



#50

Toluene-d8

Concen: 54.054 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY012925.D

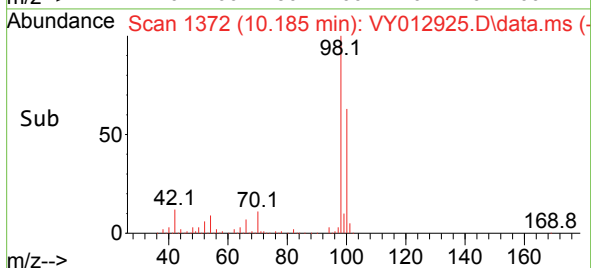
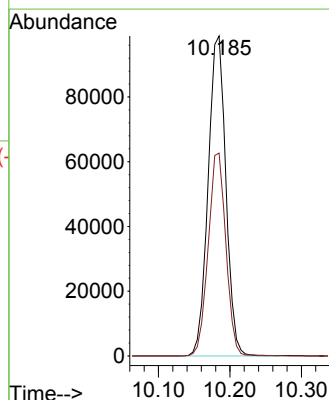
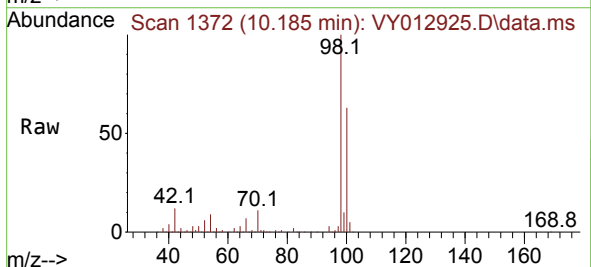
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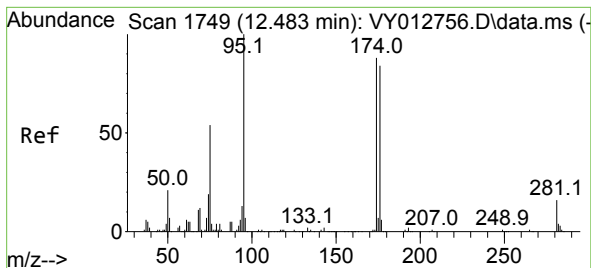
Tgt Ion: 98 Resp: 170358

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3

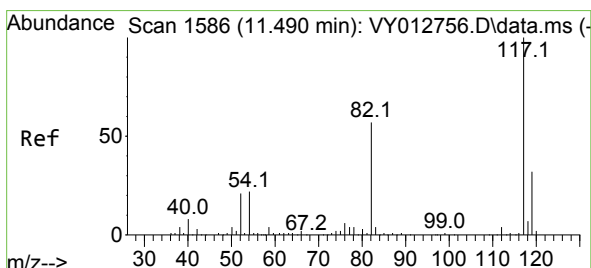
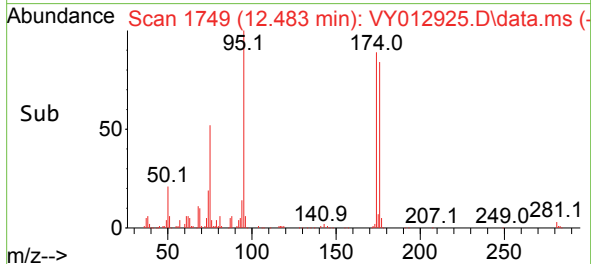
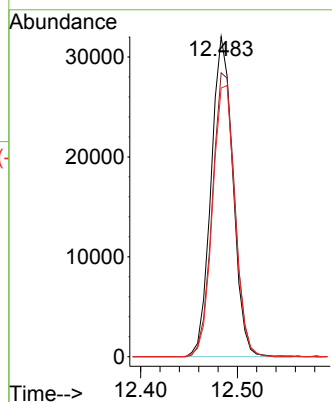
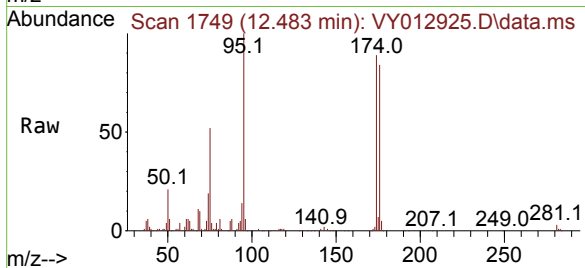




#62
4-Bromofluorobenzene
Concen: 47.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

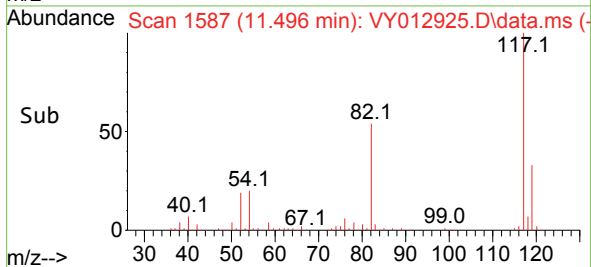
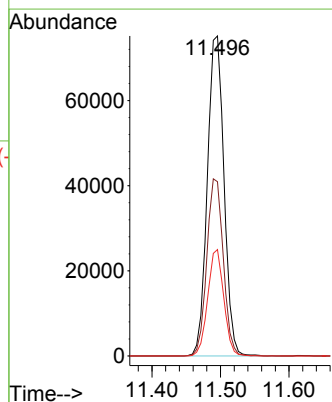
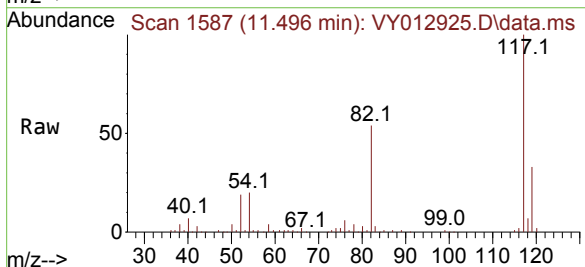
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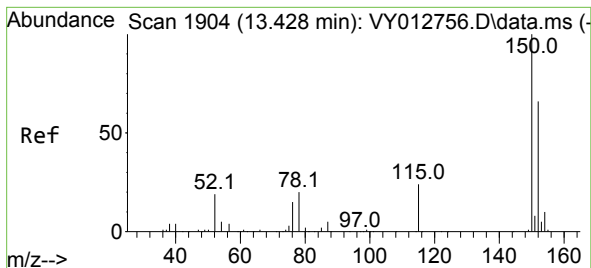
Tgt Ion: 95 Resp: 50130
Ion Ratio Lower Upper
95 100
174 91.6 0.0 176.6
176 87.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

Tgt Ion: 117 Resp: 127414
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 33.3 25.6 38.4

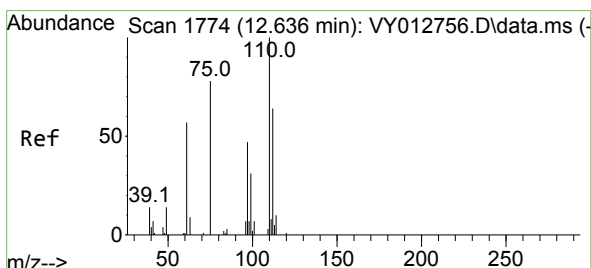
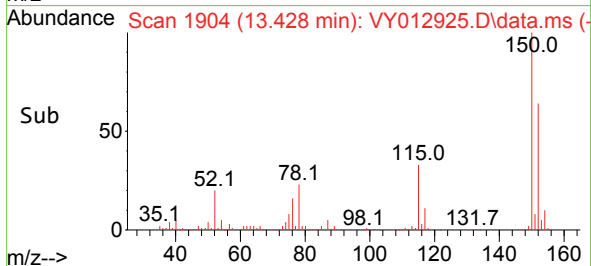
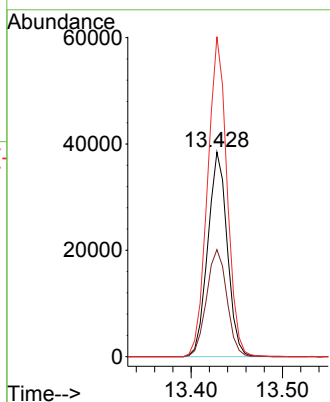
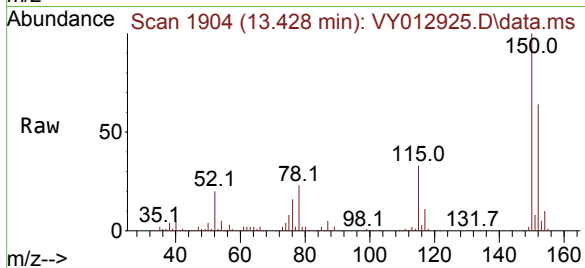




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012925.D
 Acq: 13 Mar 2023 14:25

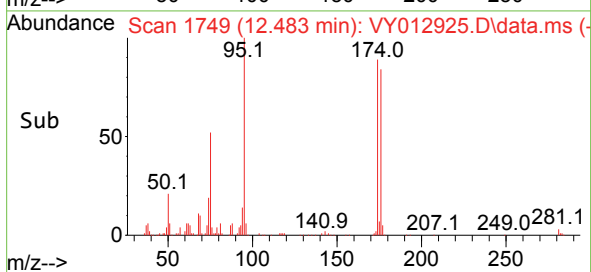
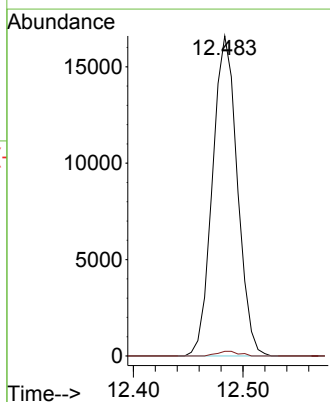
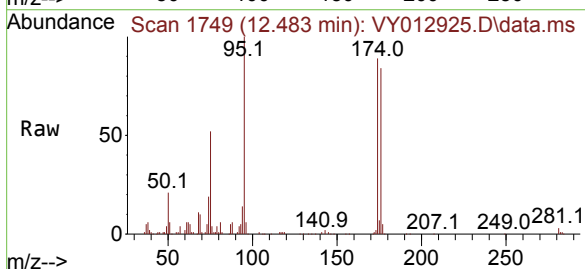
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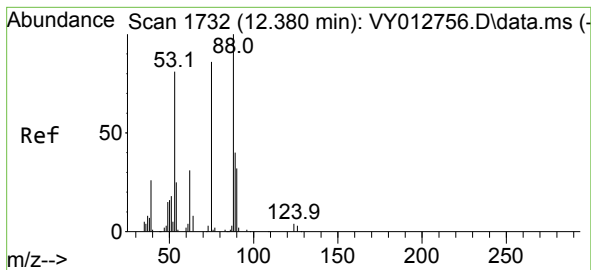
Tgt Ion:152 Resp: 56775
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.1 81.3
 150 156.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 38.628 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012925.D
 Acq: 13 Mar 2023 14:25

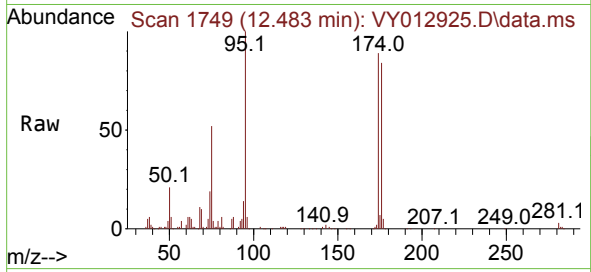
Tgt Ion: 75 Resp: 26189
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.038 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012925.D
 Acq: 13 Mar 2023 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 030923-1-VOC



Tgt Ion: 75 Resp: 26189
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

