

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008677.D
 Acq On : 10 May 2022 13:44
 Operator : KP/MD
 Sample : N2758-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 11 04:30:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

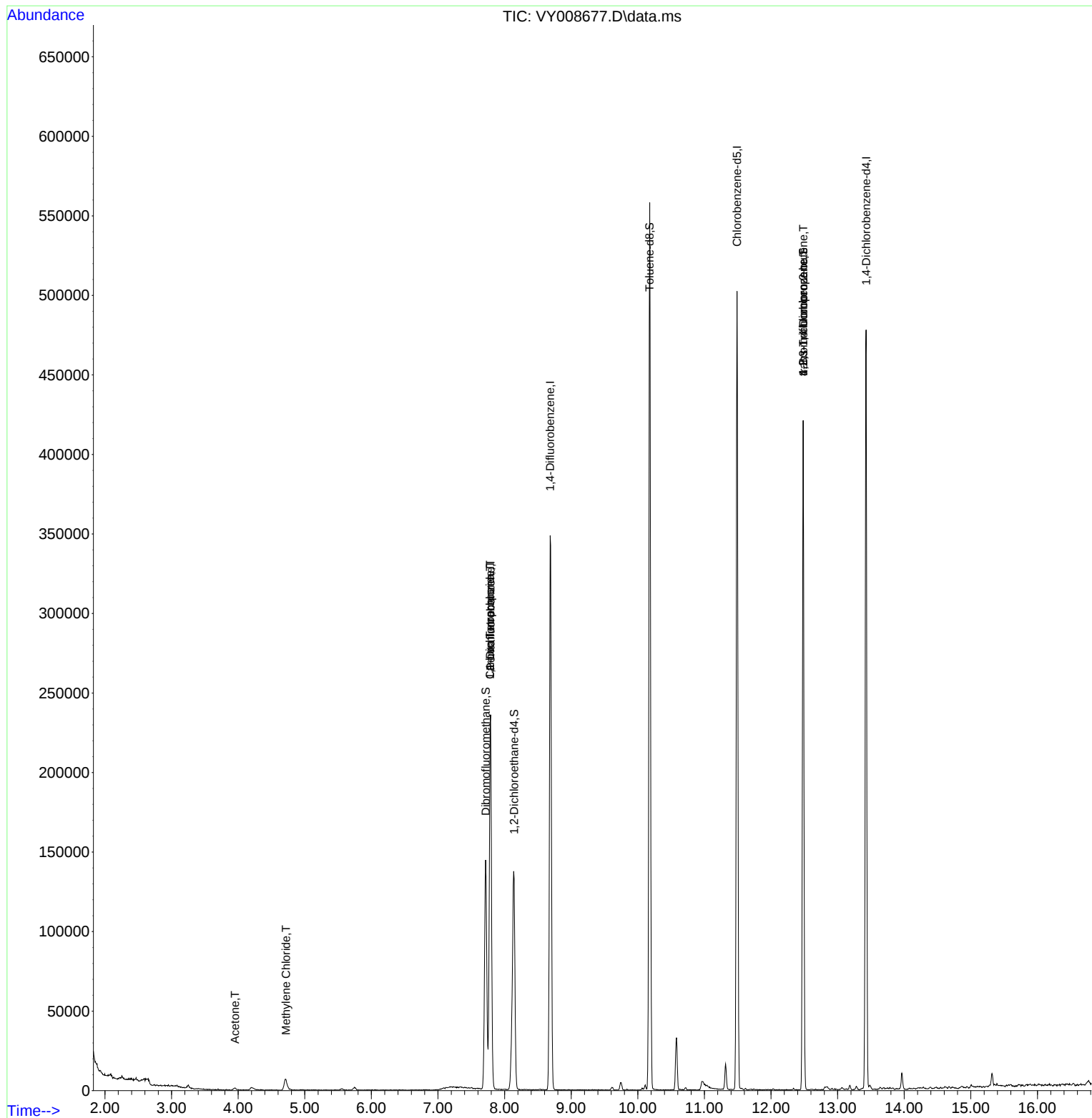
Internal Standards						
1) Pentafluorobenzene	7.789	168	201236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	327812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	297533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93856	54.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.860%	
35) Dibromofluoromethane	7.716	113	102931	50.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.900%	
50) Toluene-d8	10.179	98	381028	53.524	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	12.483	95	120201	46.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	345	Below Cal	#	77
16) Acetone	3.954	43	2050	5.039	ug/l #	61
18) Methyl Acetate	4.479	43	93	Below Cal	#	56
20) Methylene Chloride	4.716	84	5862	2.373	ug/l #	69
36) 1,1-Dichloropropene	7.783	75	13255	4.084	ug/l #	51
38) Carbon Tetrachloride	7.783	117	17954	5.469	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	57668	38.668	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57668	76.932	ug/l #	7

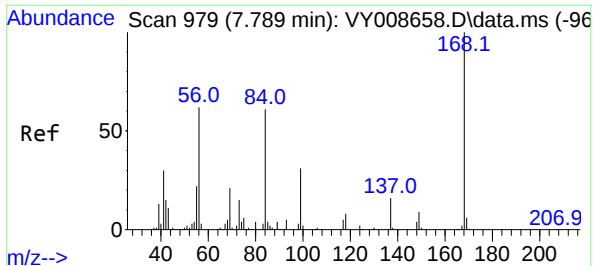
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
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Quant Time: May 11 04:30:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

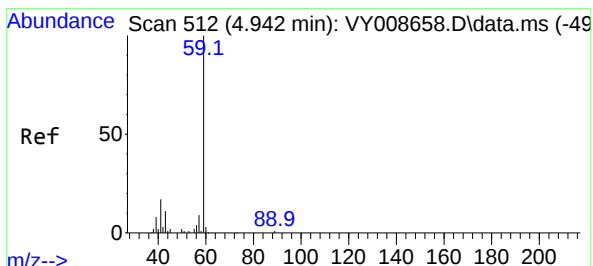
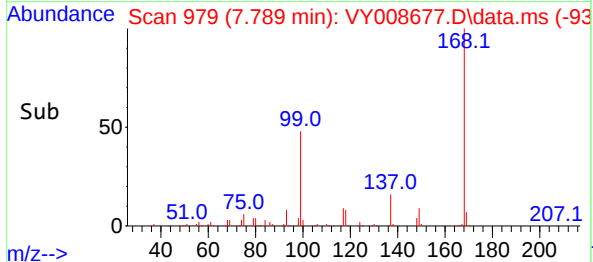
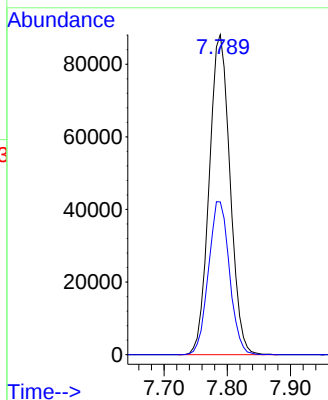
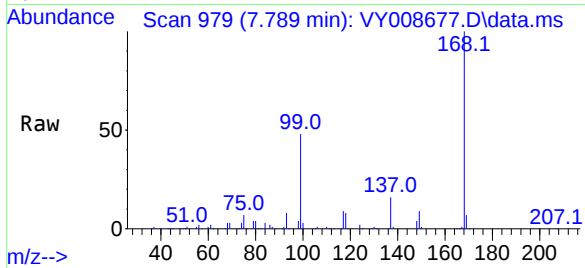




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

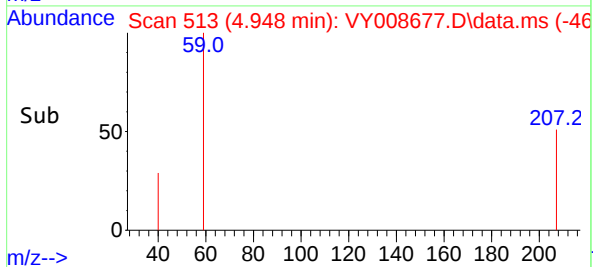
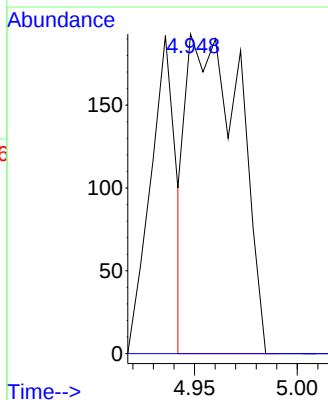
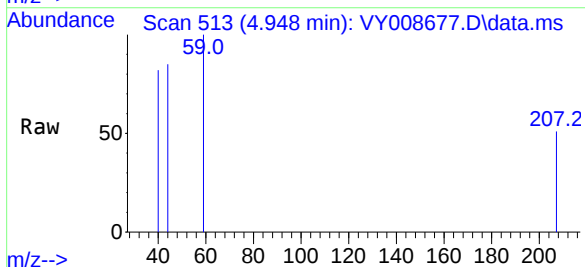
Instrument :
MSVOA_Y
ClientSampleId :
VOC

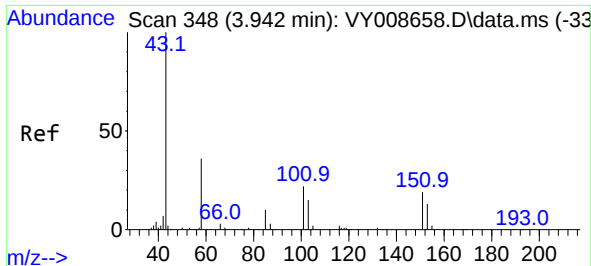
Tgt Ion:168 Resp: 201236
Ion Ratio Lower Upper
168 100
99 47.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

Tgt Ion: 59 Resp: 345
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

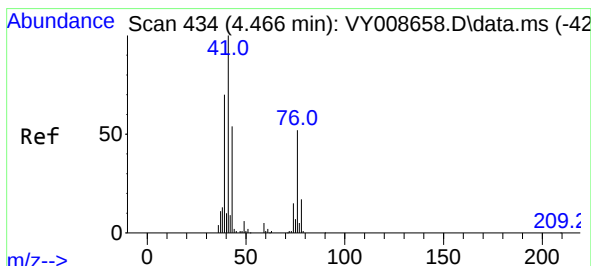
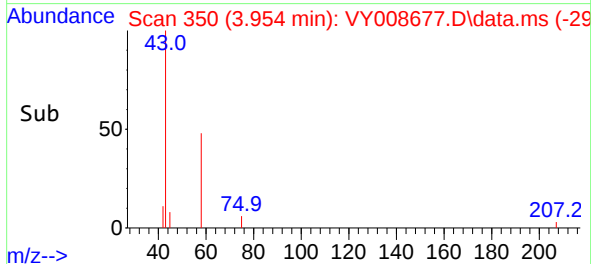
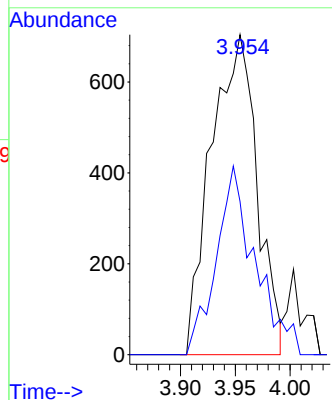
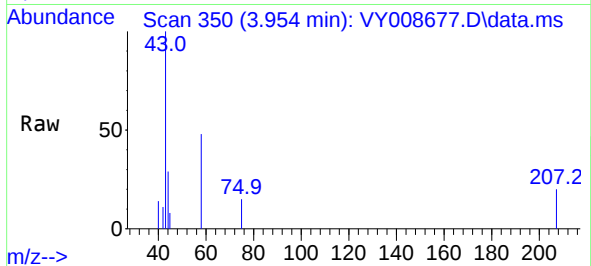




#16
Acetone
Concen: 5.039 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

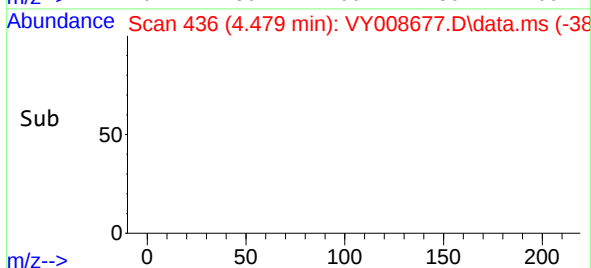
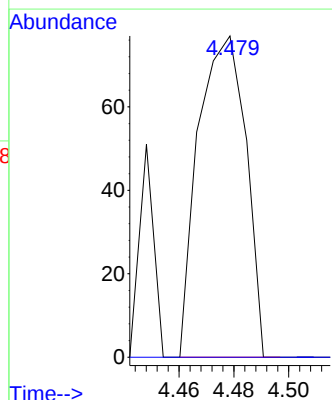
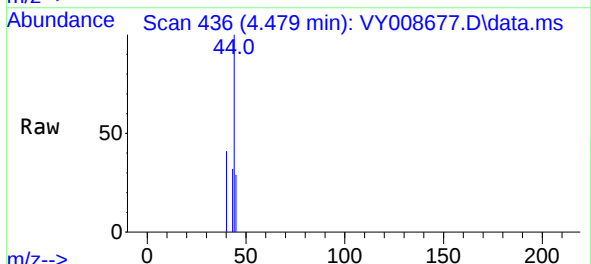
Instrument :
MSVOA_Y
ClientSampleId :
VOC

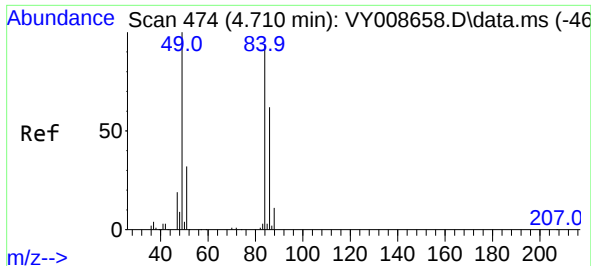
Tgt Ion: 43 Resp: 2050
Ion Ratio Lower Upper
43 100
58 47.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

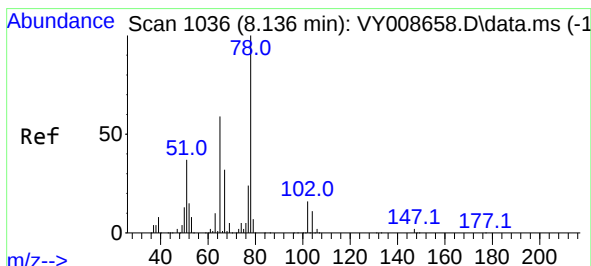
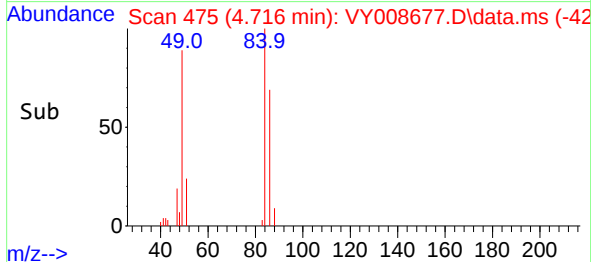
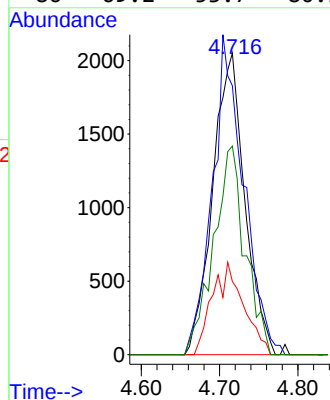
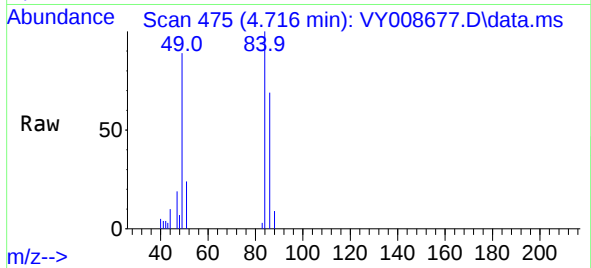




#20
Methylene Chloride
Concen: 2.373 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

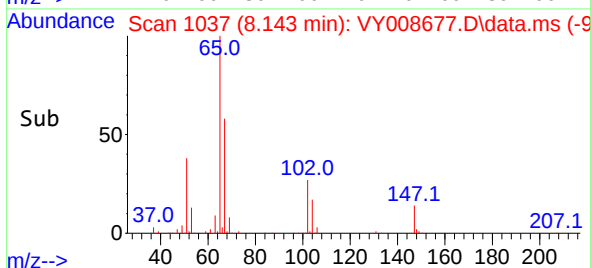
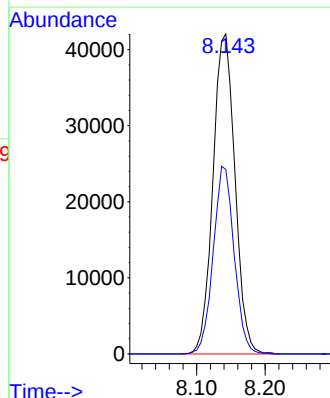
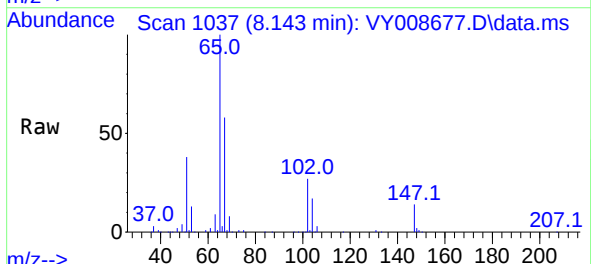
Instrument :
MSVOA_Y
ClientSampleId :
VOC

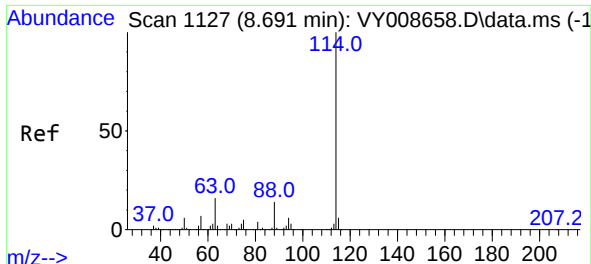
Tgt Ion: 84 Resp: 5862
Ion Ratio Lower Upper
84 100
49 89.2 114.4 171.6#
51 24.3 35.3 52.9#
86 69.2 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 54.431 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

Tgt Ion: 65 Resp: 93856
Ion Ratio Lower Upper
65 100
67 55.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008677.D

Acq: 10 May 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VOC

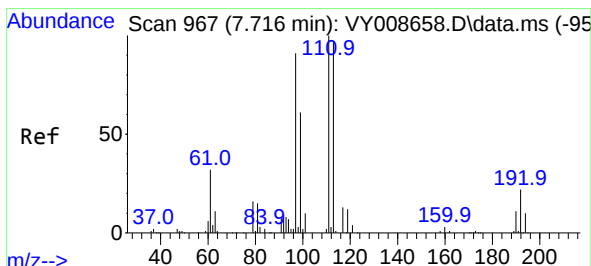
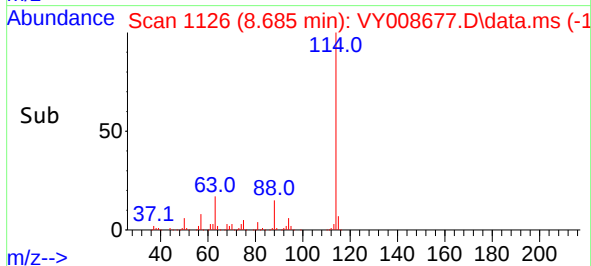
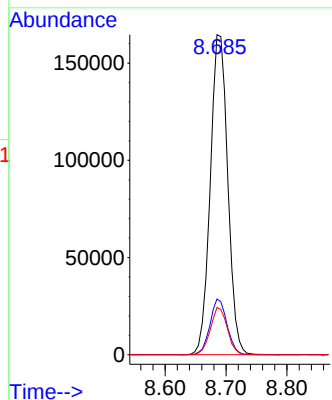
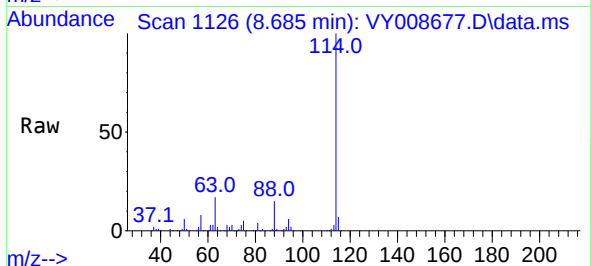
Tgt Ion:114 Resp: 327812

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.953 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008677.D

Acq: 10 May 2022 13:44

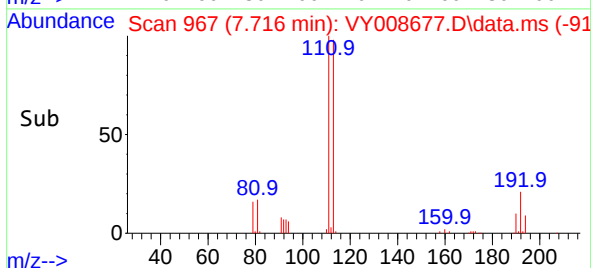
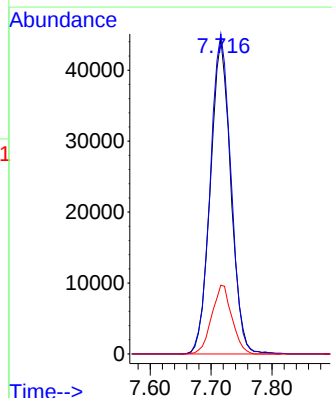
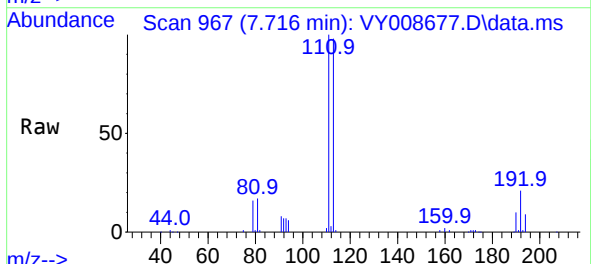
Tgt Ion:113 Resp: 102931

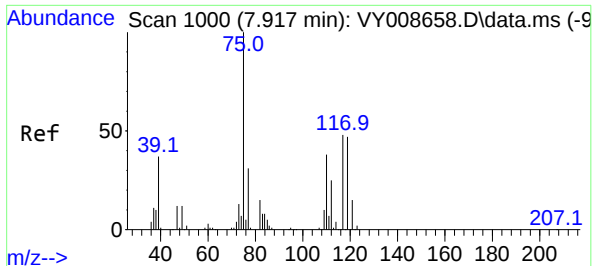
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 21.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.084 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008677.D

Acq: 10 May 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VOC

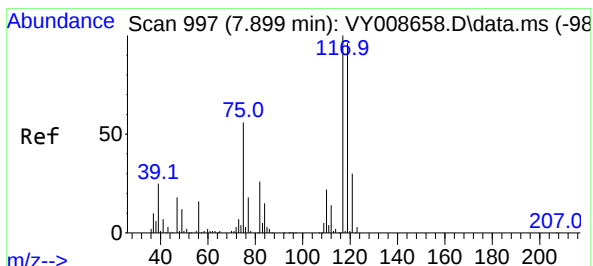
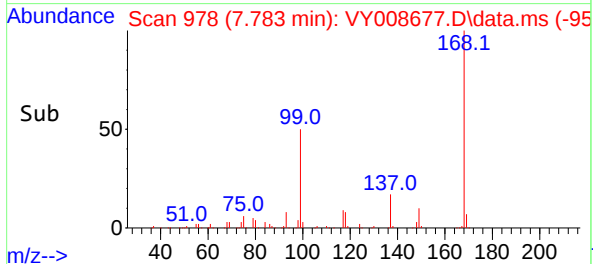
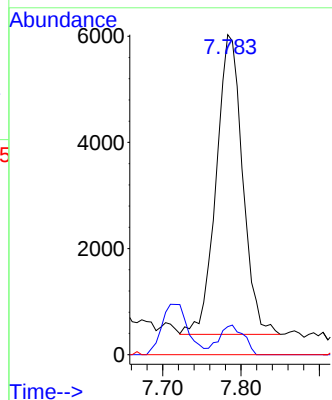
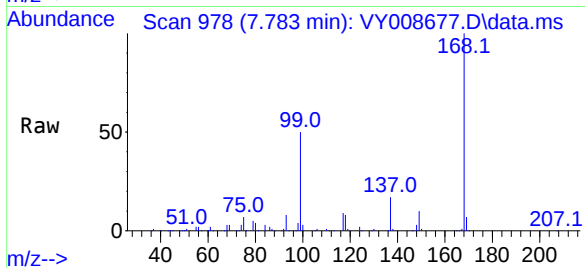
Tgt Ion: 75 Resp: 13255

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.469 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008677.D

Acq: 10 May 2022 13:44

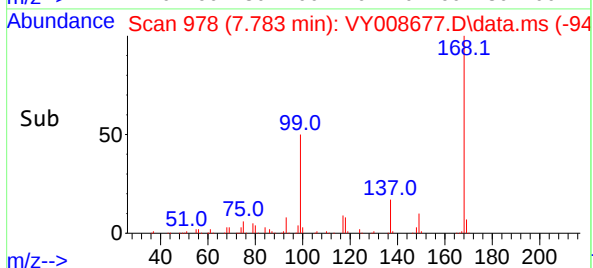
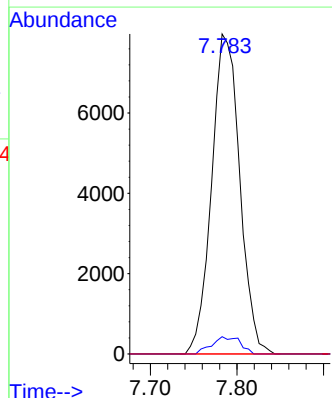
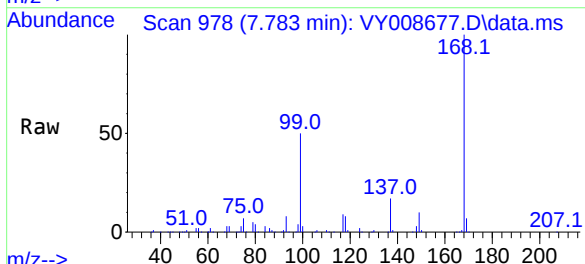
Tgt Ion: 117 Resp: 17954

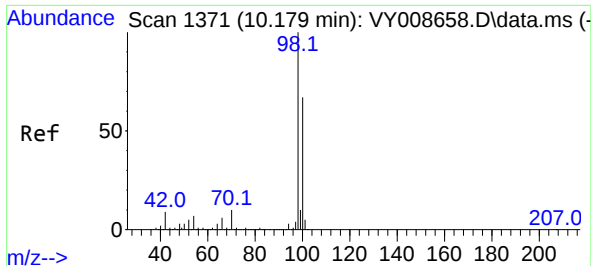
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#

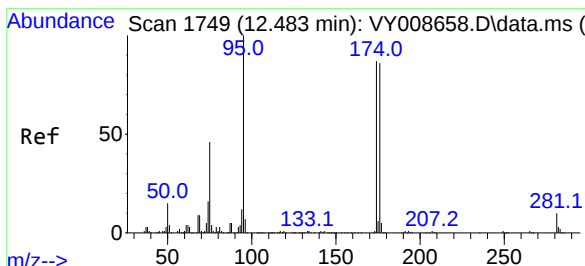
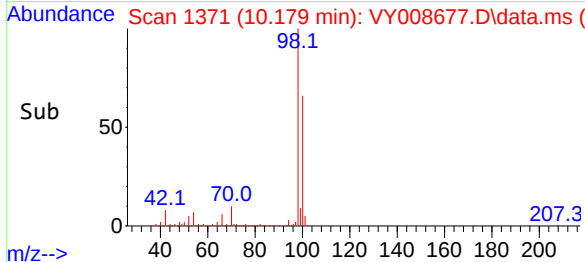
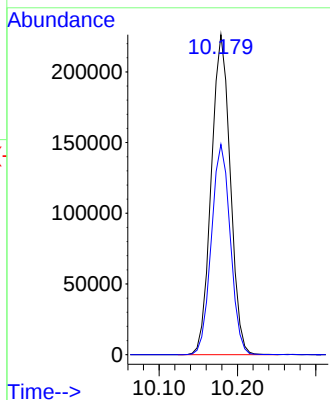
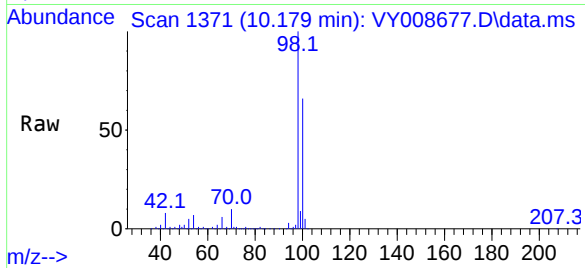




#50
Toluene-d8
Concen: 53.524 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

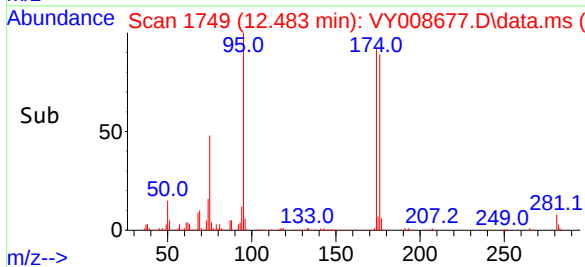
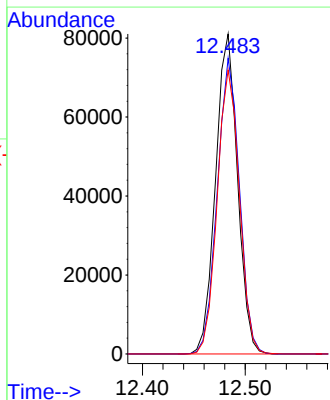
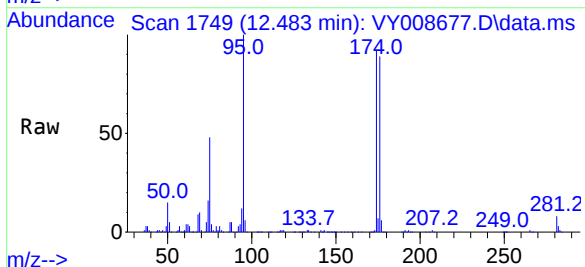
Instrument :
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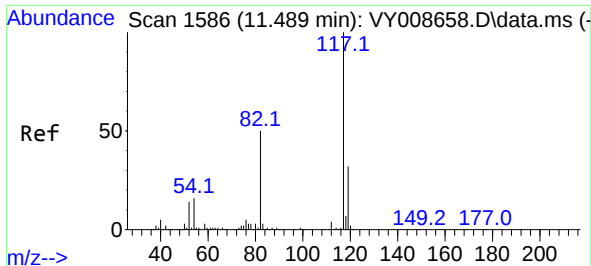
Tgt Ion: 98 Resp: 381028
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

Tgt Ion: 95 Resp: 120201
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 89.4 0.0 175.8

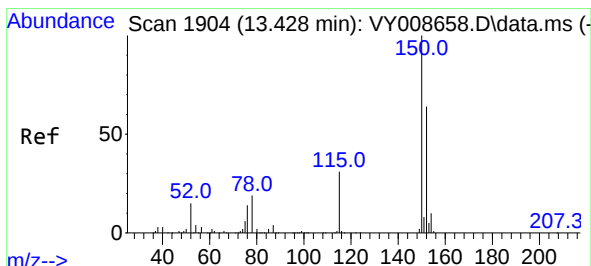
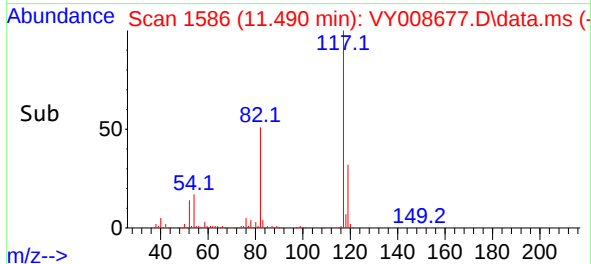
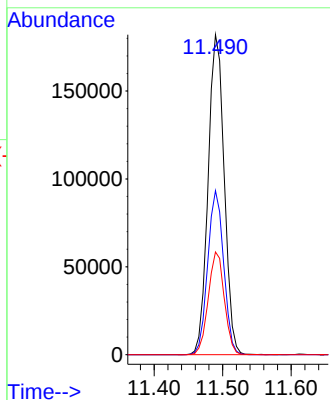
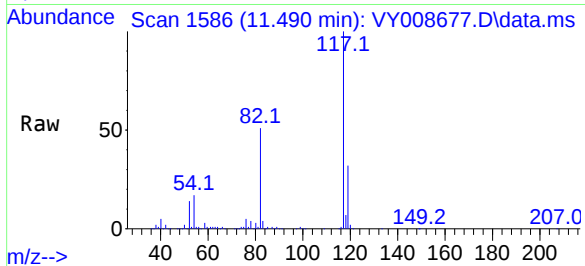




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

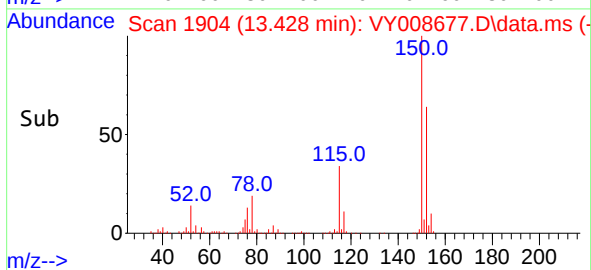
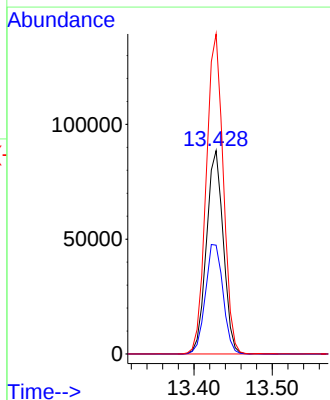
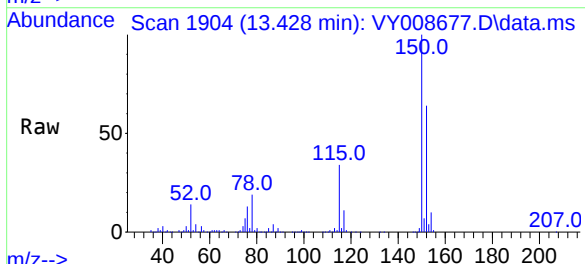
Instrument :
MSVOA_Y
ClientSampleId :
VOC

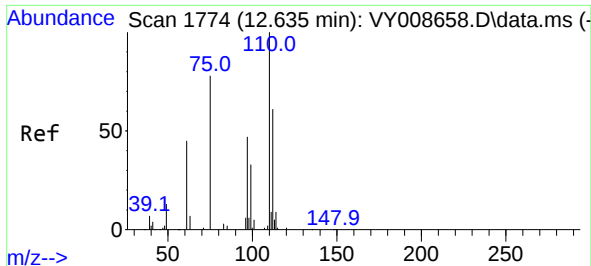
Tgt Ion:117 Resp: 297533
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

Tgt Ion:152 Resp: 132299
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 159.0 0.0 347.6

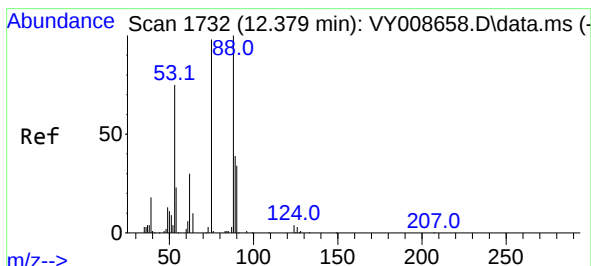
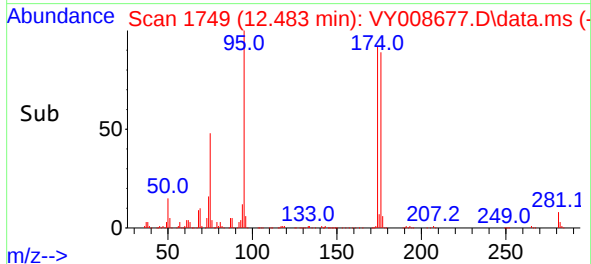
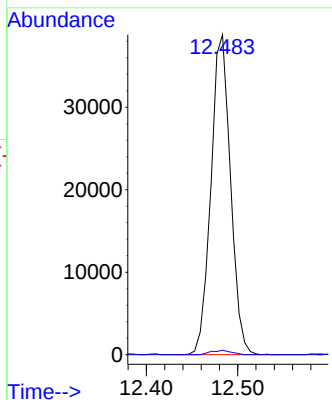
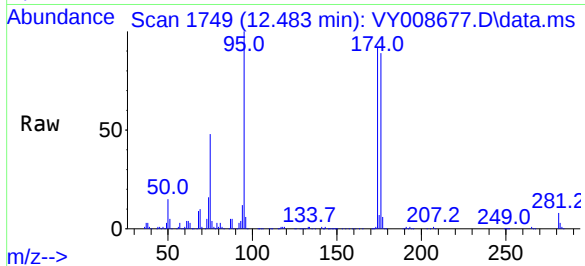




#76
1,2,3-Trichloropropane
Concen: 38.668 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 75 Resp: 57668
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008677.D
Acq: 10 May 2022 13:44

Tgt Ion: 75 Resp: 57668
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

