

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008680.D
 Acq On : 10 May 2022 14:56
 Operator : KP/MD
 Sample : N272-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: May 11 04:31:23 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)

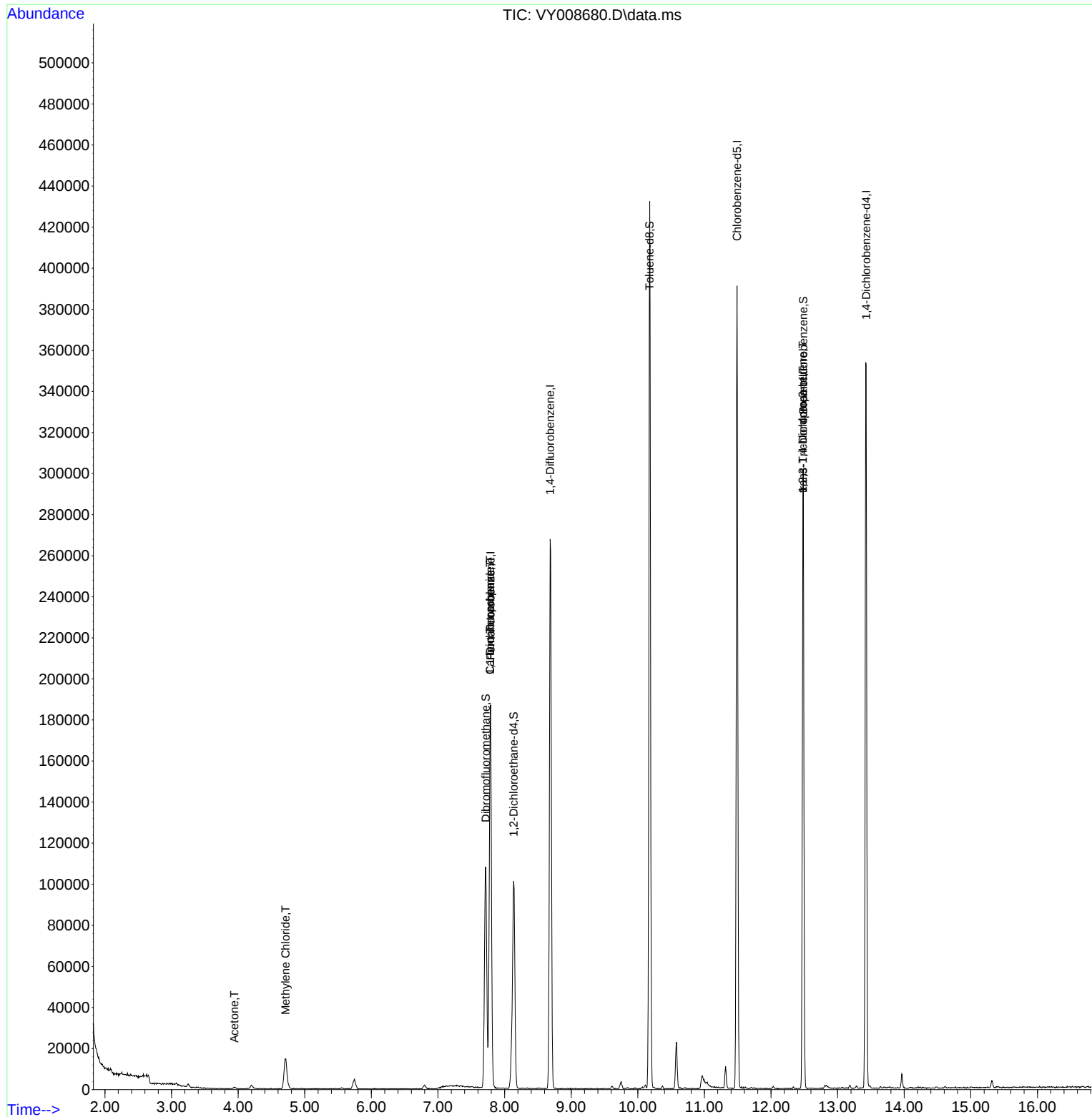
Internal Standards						
1) Pentafluorobenzene	7.789	168	158027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	255989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69286	51.169	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.340%			
35) Dibromofluoromethane	7.716	113	79303	50.271	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.540%			
50) Toluene-d8	10.179	98	294519	52.980	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.960%			
62) 4-Bromofluorobenzene	12.483	95	88820	44.410	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.820%			
Target Compounds						
11) Tert butyl alcohol	4.942	59	312	Below Cal	#	77
16) Acetone	3.942	43	1293	4.047	ug/l	94
18) Methyl Acetate	4.479	43	79	Below Cal	#	56
20) Methylene Chloride	4.710	84	12844	6.621	ug/l	# 70
36) 1,1-Dichloropropene	7.783	75	11246	4.437	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	14457	5.639	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	42758	37.359	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	42758	74.328	ug/l	# 7

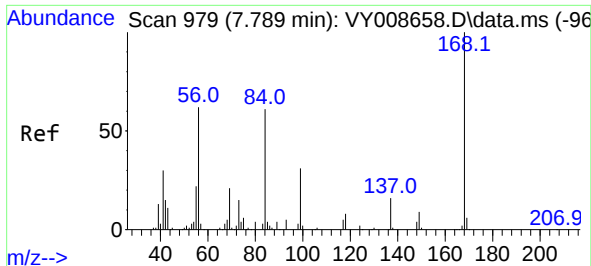
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
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Response via : Initial Calibration

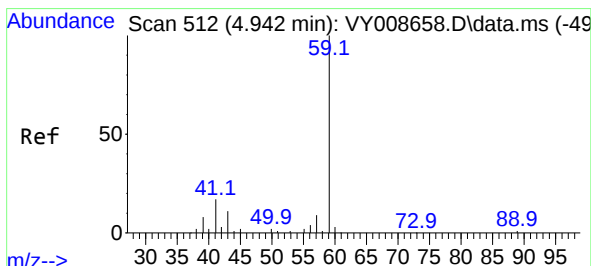
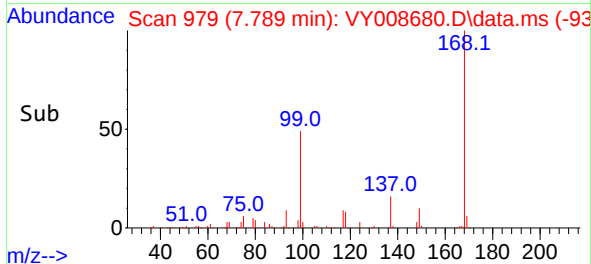
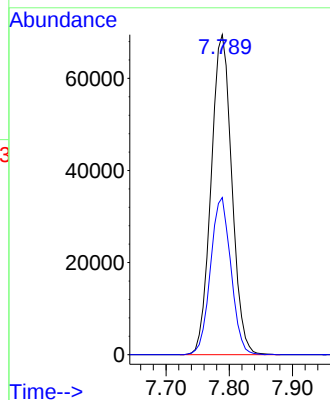
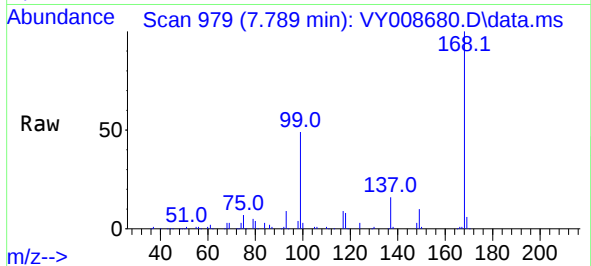




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

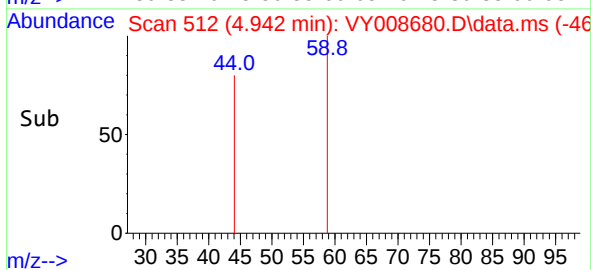
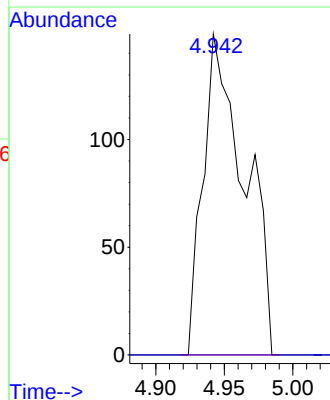
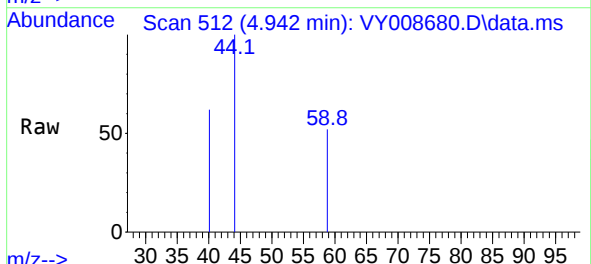
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

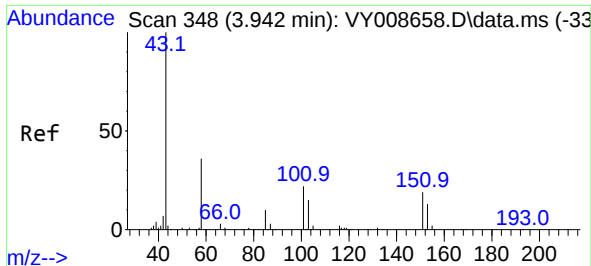
Tgt Ion:168 Resp: 158027
Ion Ratio Lower Upper
168 100
99 49.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

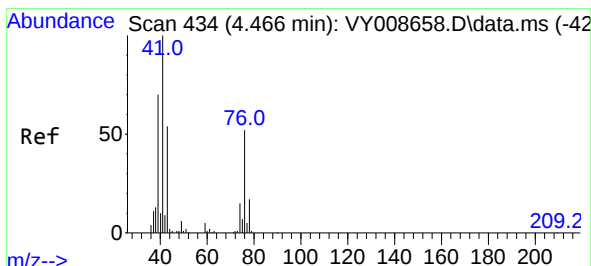
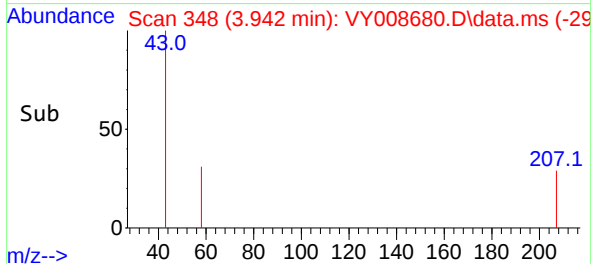
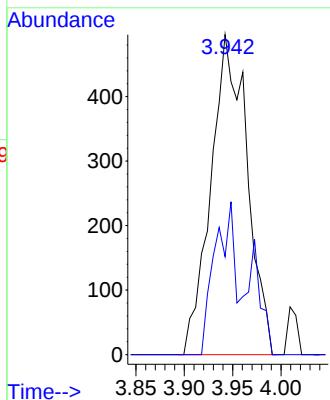
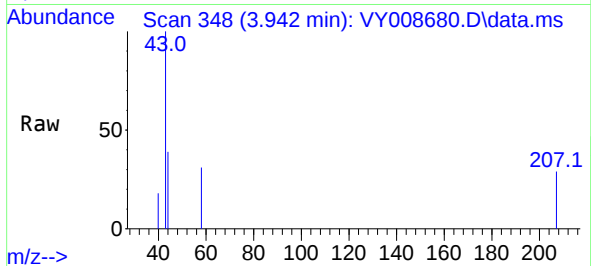




#16
Acetone
Concen: 4.047 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

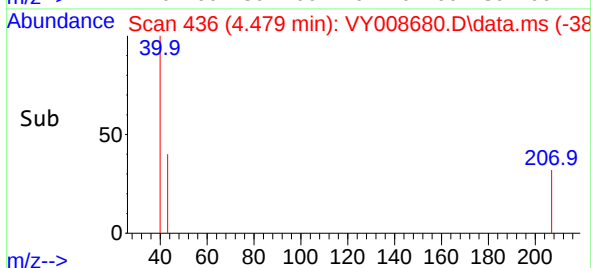
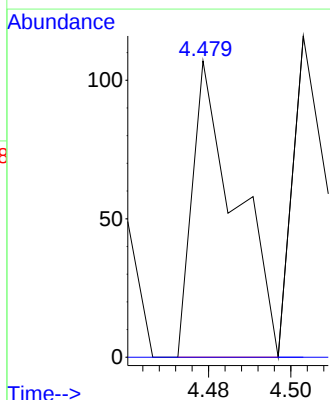
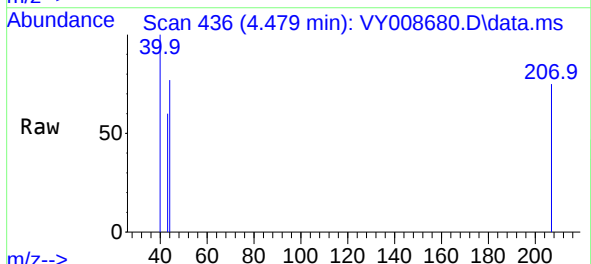
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

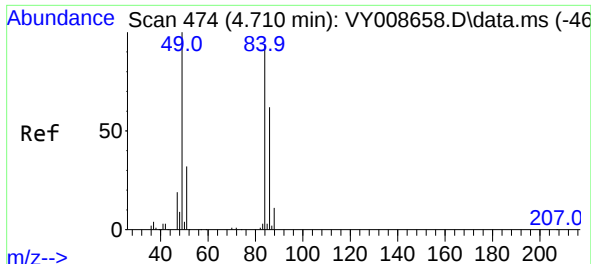
Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



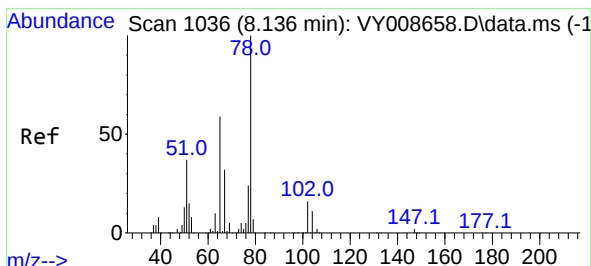
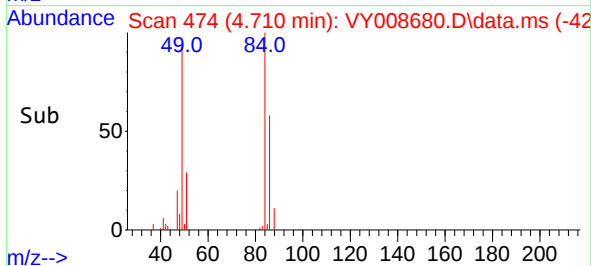
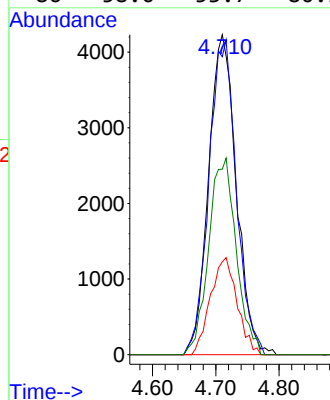
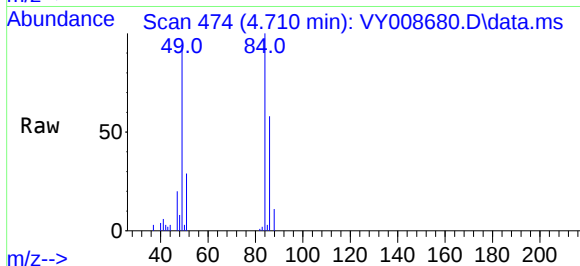


#20
Methylene Chloride
Concen: 6.621 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SP-2

Tgt Ion: 84 Resp: 12844

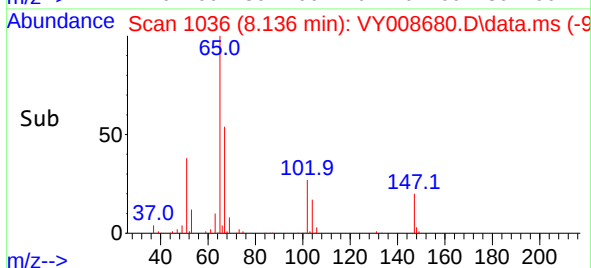
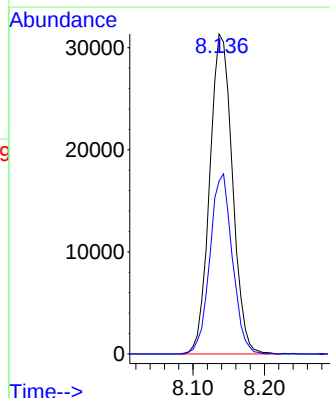
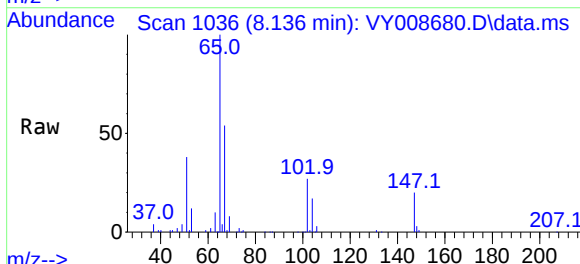
Ion	Ratio	Lower	Upper
84	100		
49	93.1	114.4	171.6#
51	29.0	35.3	52.9#
86	58.0	53.7	80.5

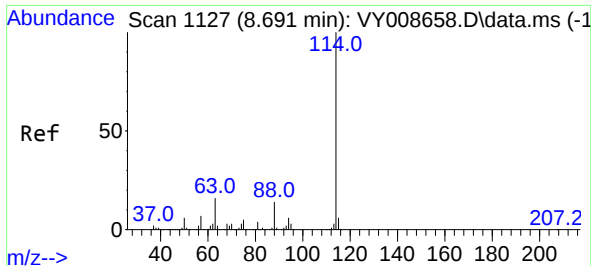


#33
1,2-Dichloroethane-d4
Concen: 51.169 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

Tgt Ion: 65 Resp: 69286

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008680.D

Acq: 10 May 2022 14:56

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

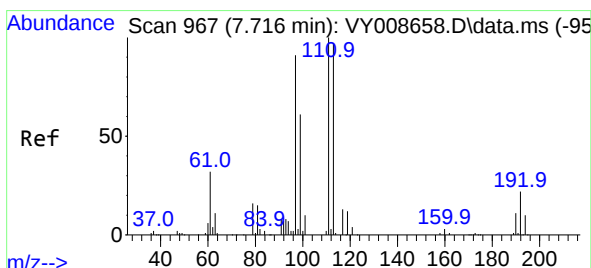
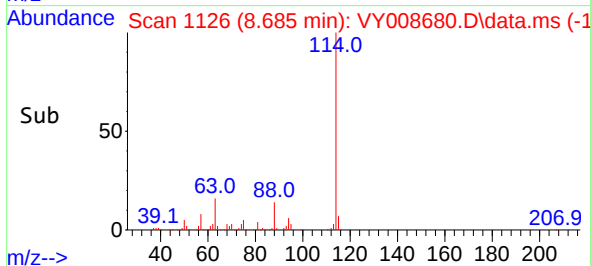
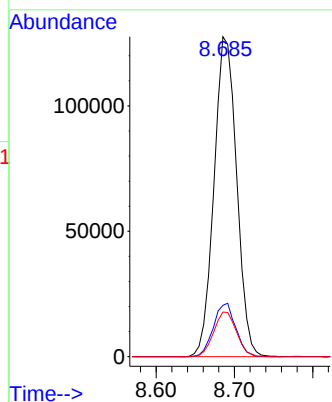
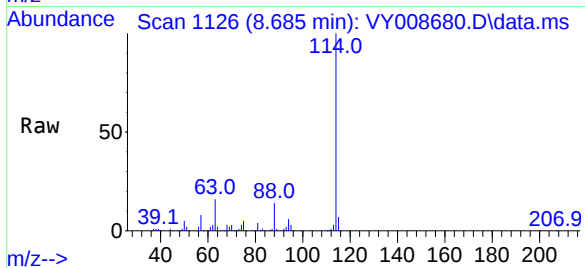
Tgt Ion:114 Resp: 255989

Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.271 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008680.D

Acq: 10 May 2022 14:56

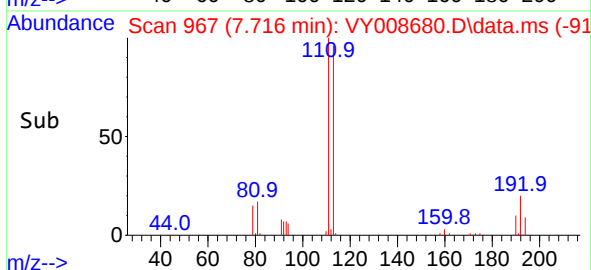
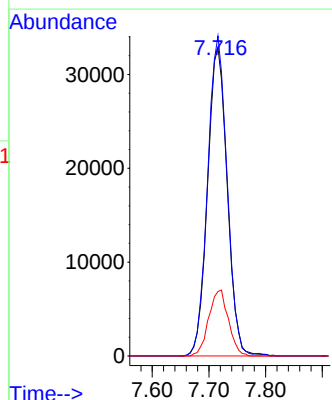
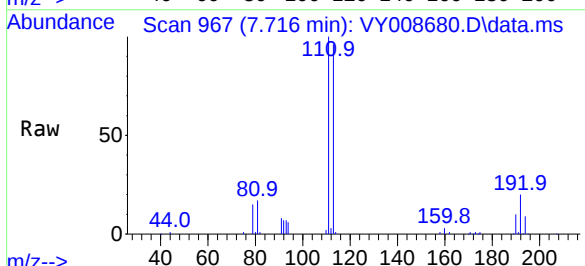
Tgt Ion:113 Resp: 79303

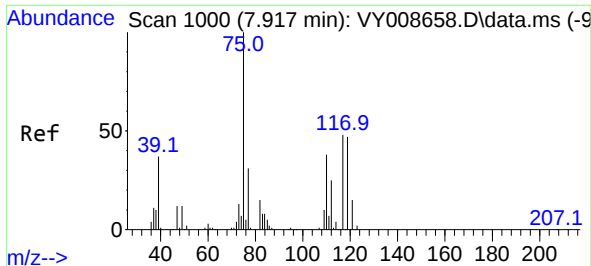
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 21.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.437 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008680.D

Acq: 10 May 2022 14:56

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

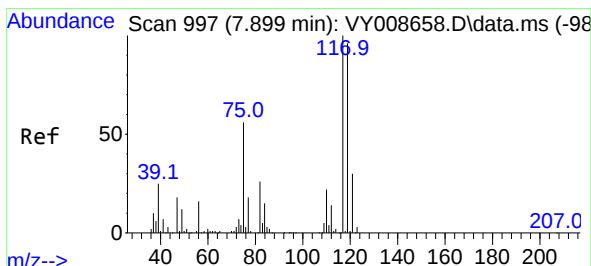
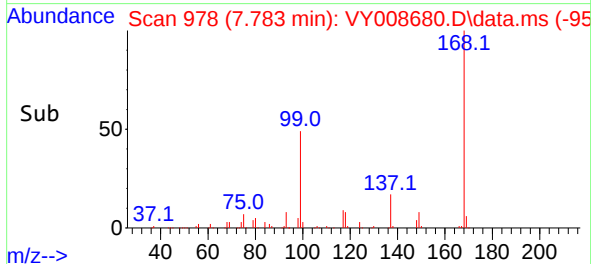
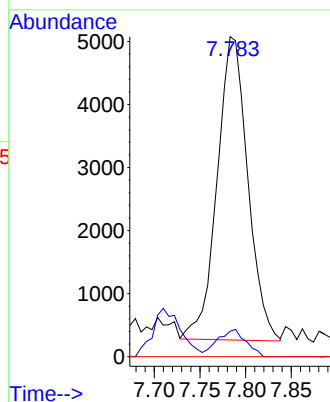
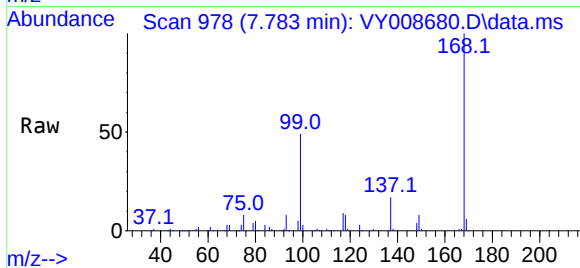
Tgt Ion: 75 Resp: 11246

Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.639 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008680.D

Acq: 10 May 2022 14:56

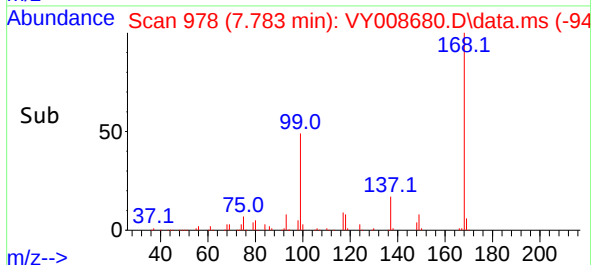
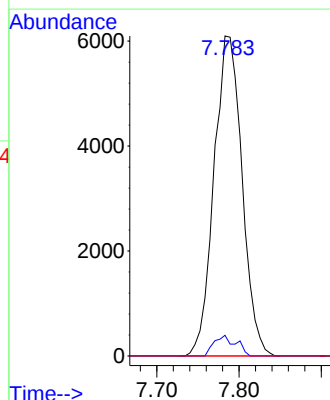
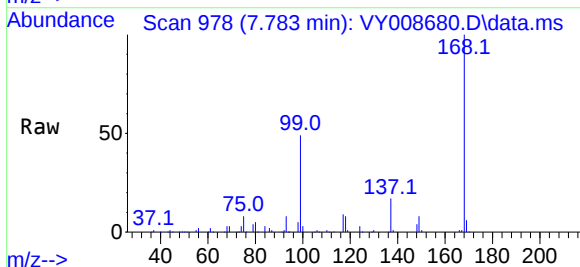
Tgt Ion: 117 Resp: 14457

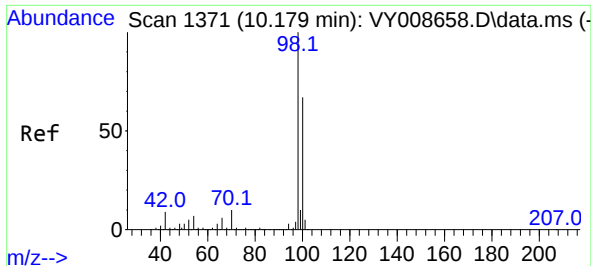
Ion Ratio Lower Upper

117 100

119 6.4 77.9 116.9#

121 0.0 24.8 37.2#

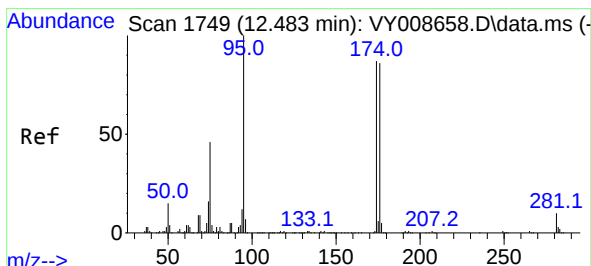
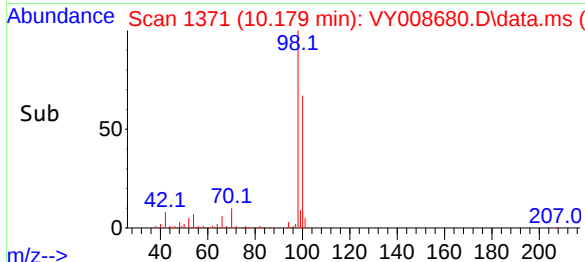
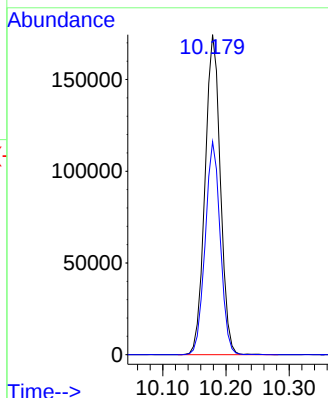
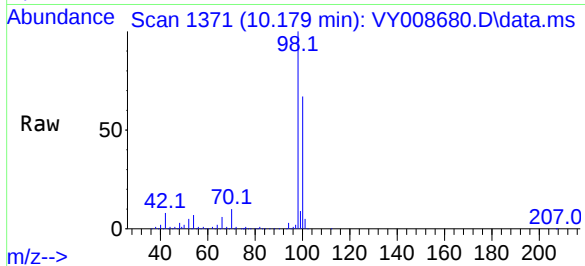




#50
Toluene-d8
Concen: 52.980 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

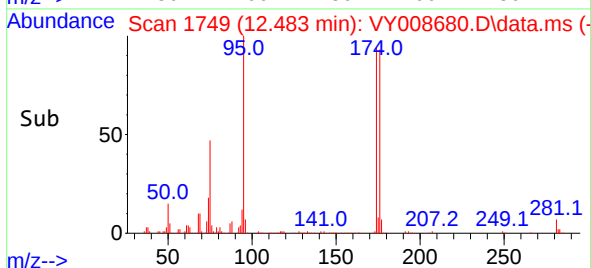
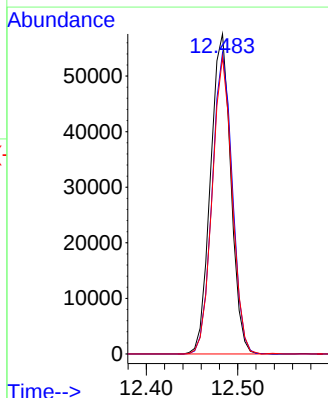
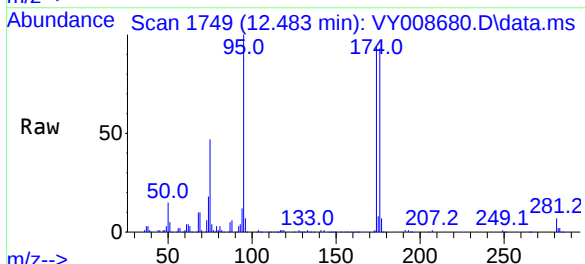
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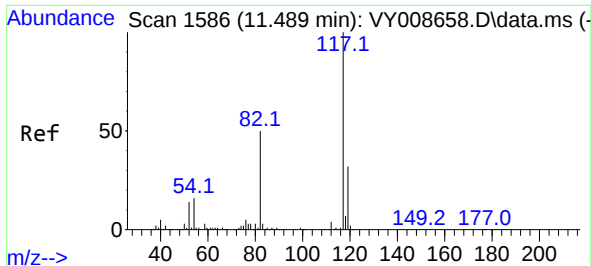
Tgt Ion: 98 Resp: 294519
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.410 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

Tgt Ion: 95 Resp: 88820
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 90.8 0.0 175.8

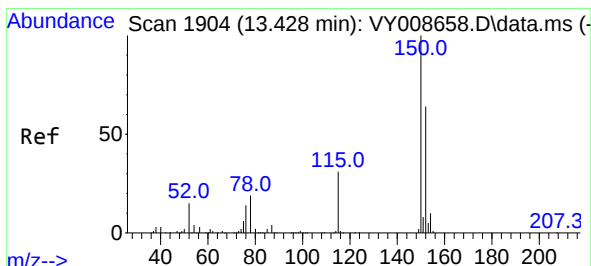
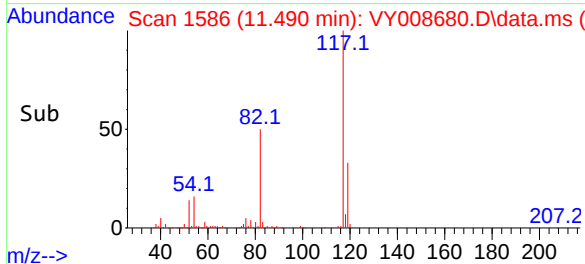
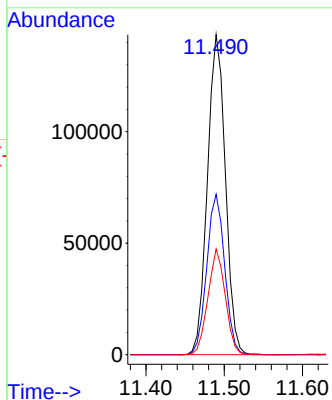
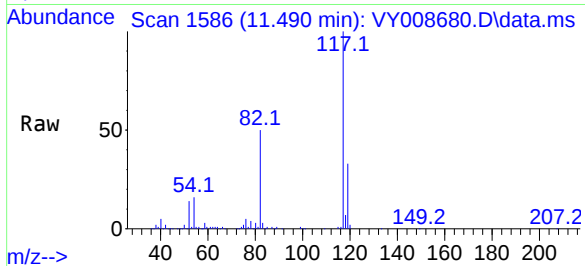




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

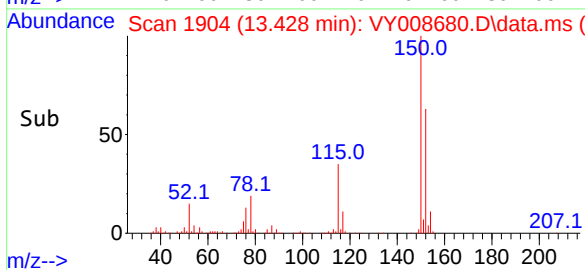
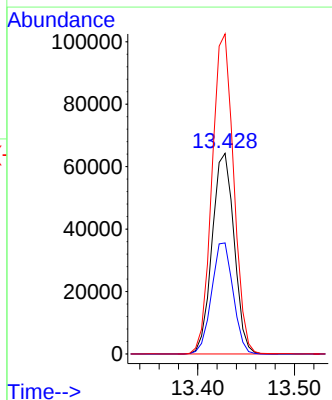
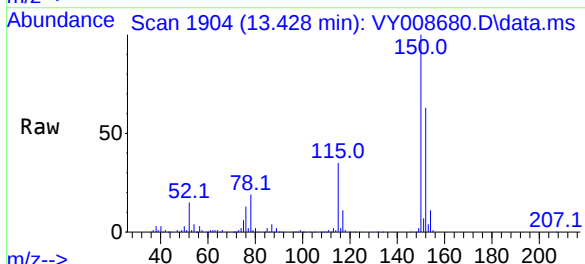
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

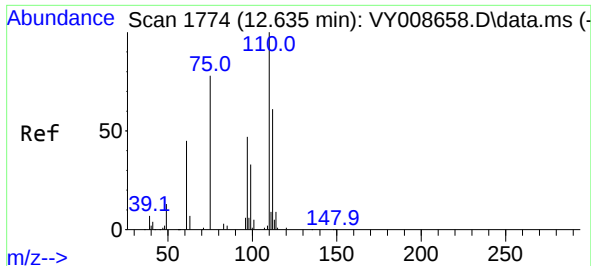
Tgt Ion:117 Resp: 228281
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

Tgt Ion:152 Resp: 101530
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 157.0 0.0 347.6

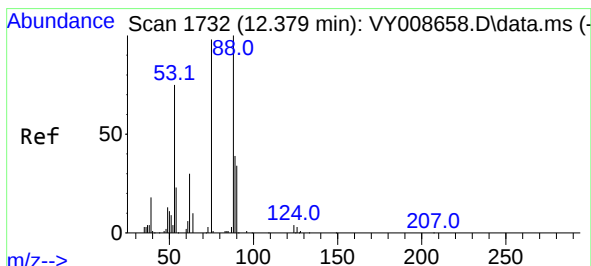
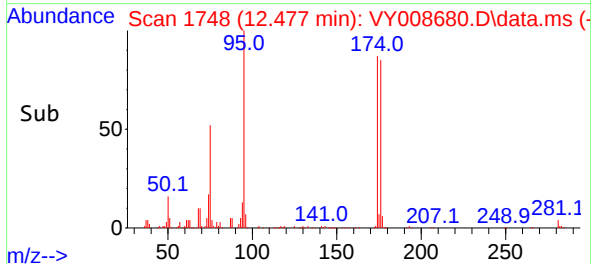
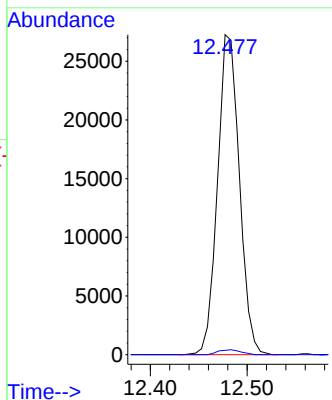
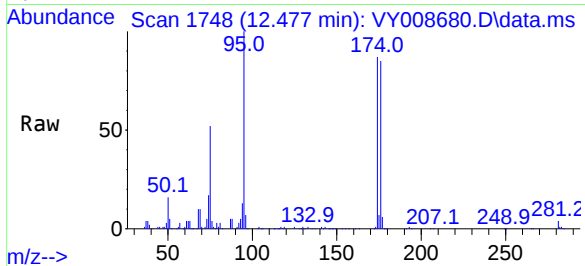




#76
1,2,3-Trichloropropane
Concen: 37.359 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SP-2

Tgt Ion: 75 Resp: 42758
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.328 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008680.D
Acq: 10 May 2022 14:56

Tgt Ion: 75 Resp: 42758
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

