

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010251.D
 Acq On : 31 Aug 2022 17:28
 Operator : KP/MD
 Sample : N4375-04
 Misc : 6.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4

Quant Time: Aug 31 23:42:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

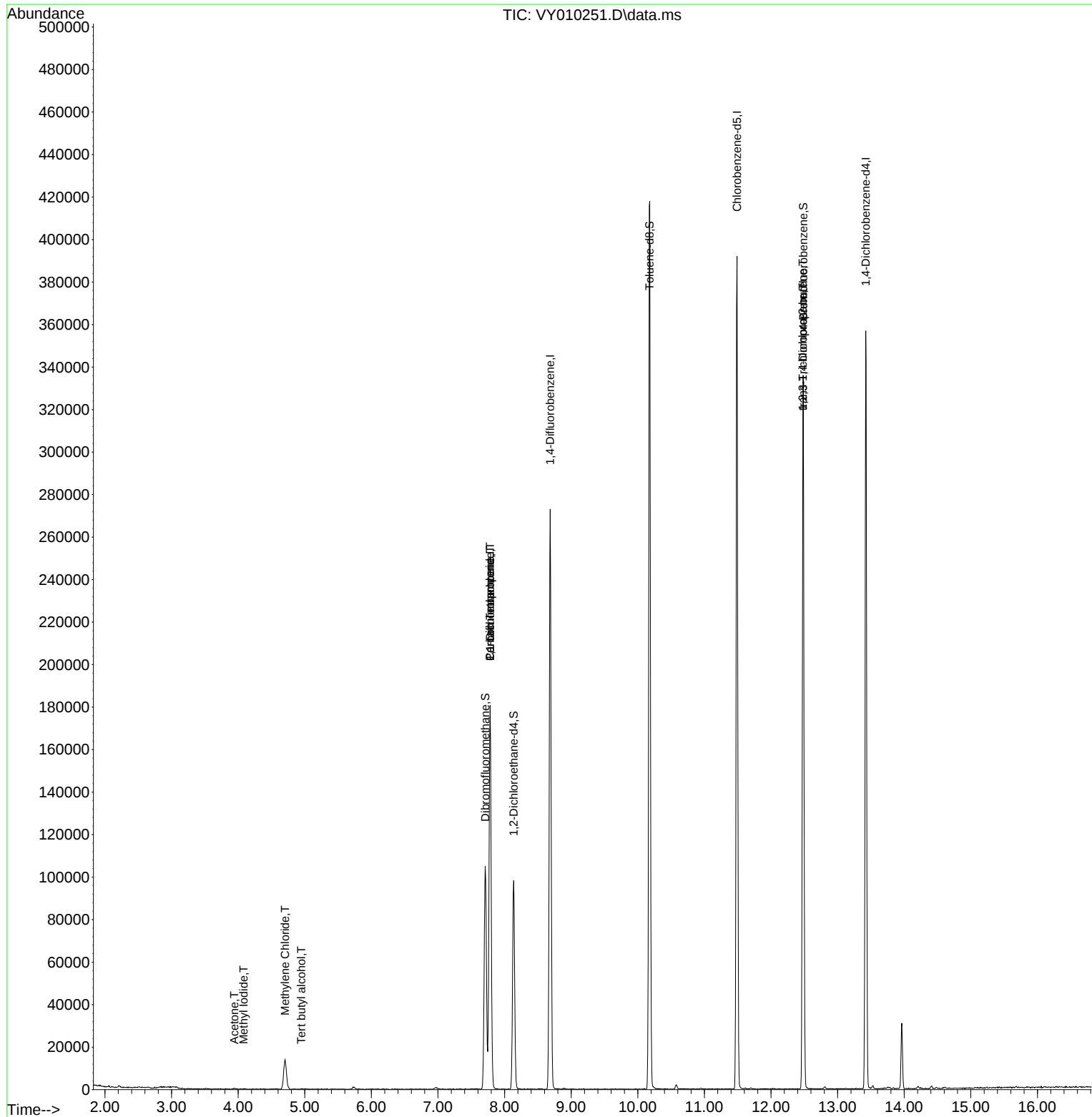
Internal Standards						
1) Pentafluorobenzene	7.783	168	149656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76515	60.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.440%	
35) Dibromofluoromethane	7.710	113	74568	53.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.740%	
50) Toluene-d8	10.179	98	285383	54.835	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.680%	
62) 4-Bromofluorobenzene	12.483	95	89171	46.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.040%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	247	1.576	ug/l #	35
11) Tert butyl alcohol	4.948	59	319	2.530	ug/l #	77
16) Acetone	3.942	43	524	1.978	ug/l	96
20) Methylene Chloride	4.704	84	10778	6.909	ug/l #	83
36) 1,1-Dichloropropene	7.783	75	9359	4.412	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13673	5.618	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	43402	44.133	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43402	92.076	ug/l #	7

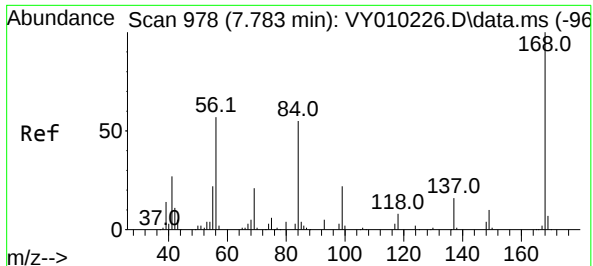
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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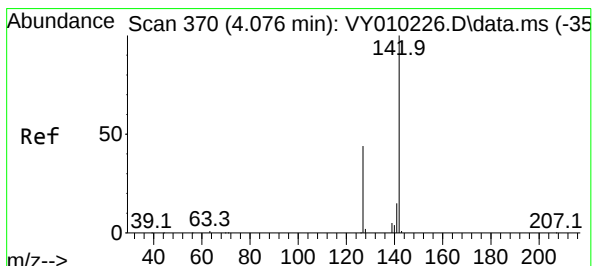
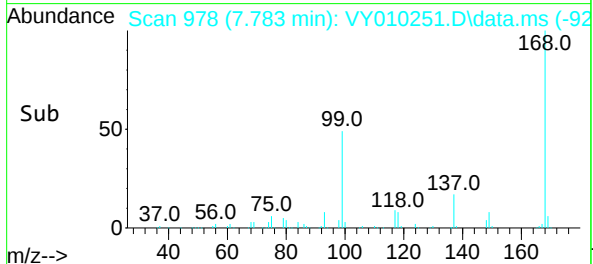
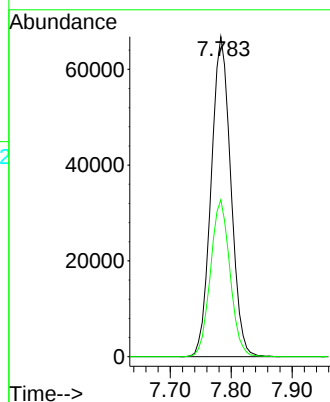
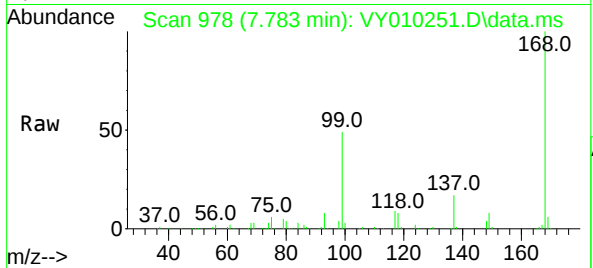




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

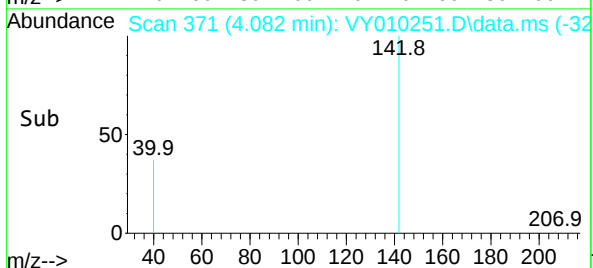
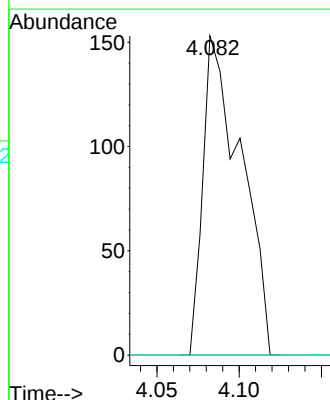
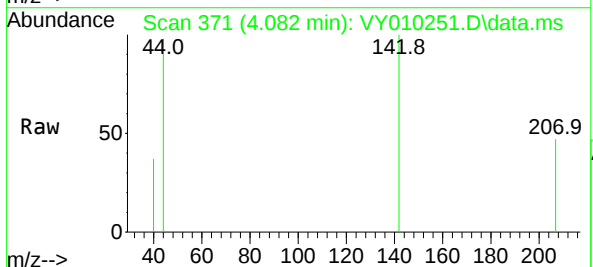
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

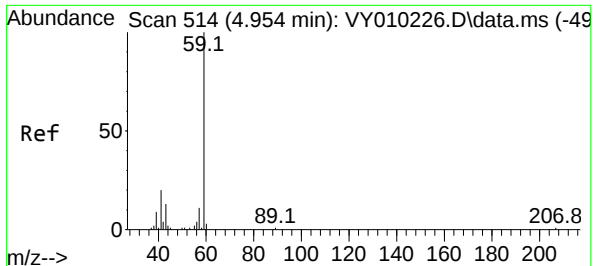
Tgt Ion:168 Resp: 149656
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.576 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

Tgt Ion:142 Resp: 247
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

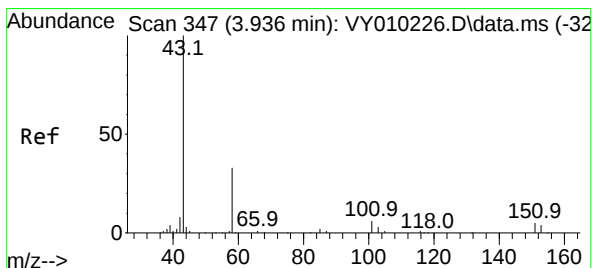
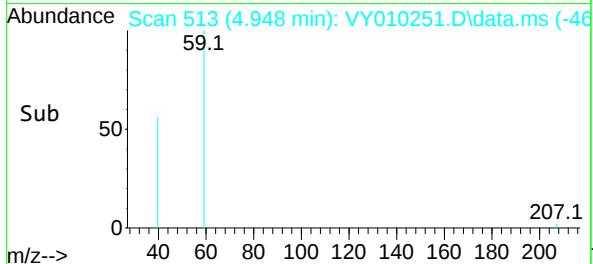
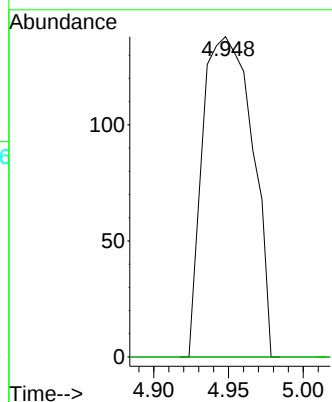
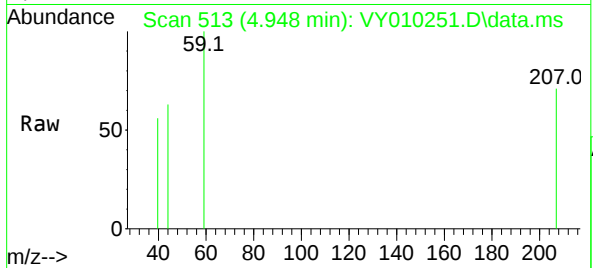




#11
Tert butyl alcohol
Concen: 2.530 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

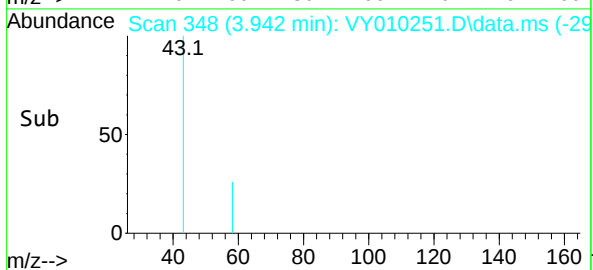
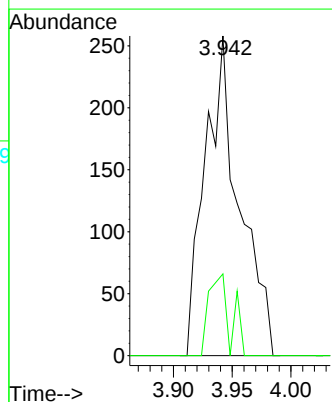
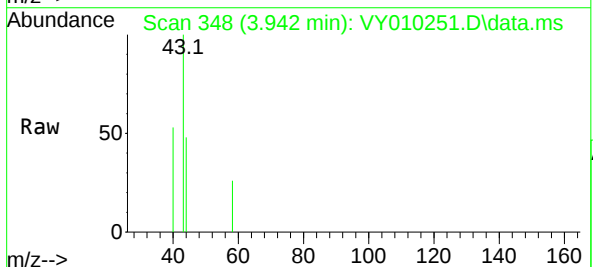
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

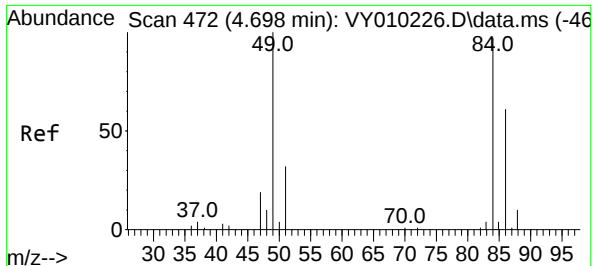
Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.978 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
58 25.6 22.0 33.0

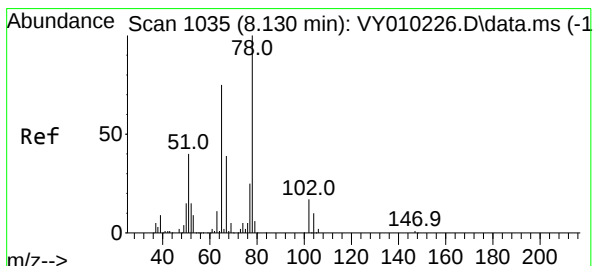
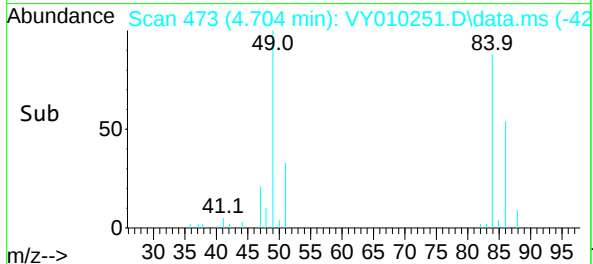
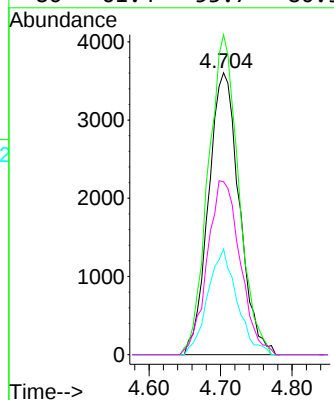
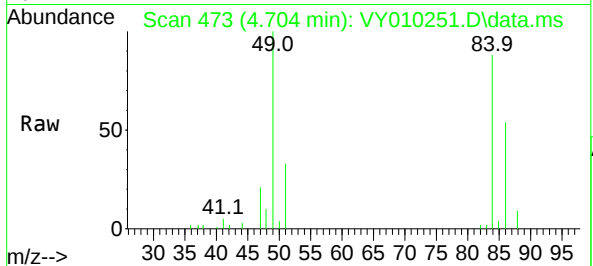




#20
Methylene Chloride
Concen: 6.909 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

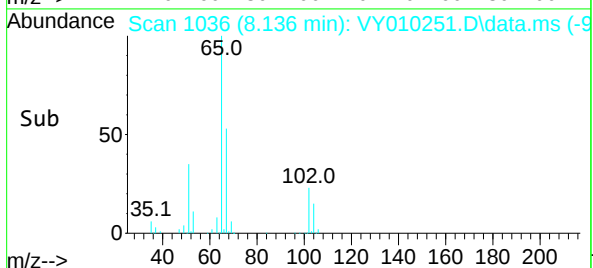
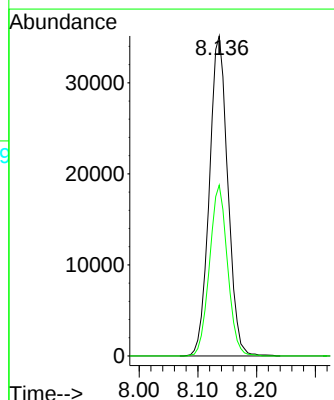
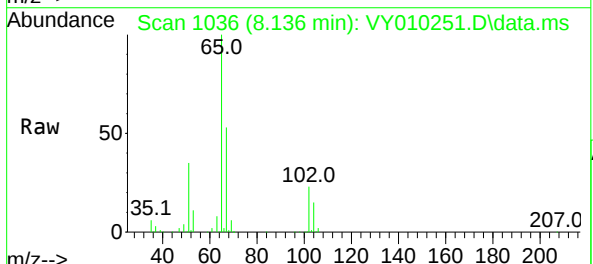
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

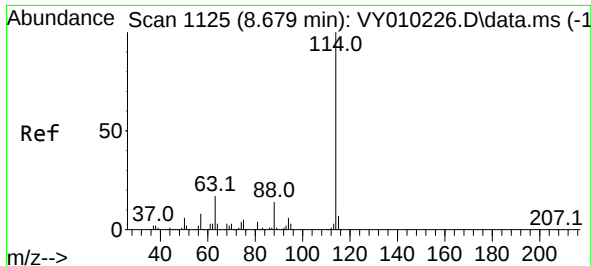
Tgt Ion: 84	Resp: 10778
Ion Ratio	Lower Upper
84 100	
49 113.5	114.4 171.6#
51 37.4	35.3 52.9
86 61.4	53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 60.723 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

Tgt Ion: 65	Resp: 76515
Ion Ratio	Lower Upper
65 100	
67 52.0	0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY010251.D

Acq: 31 Aug 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

WC-4

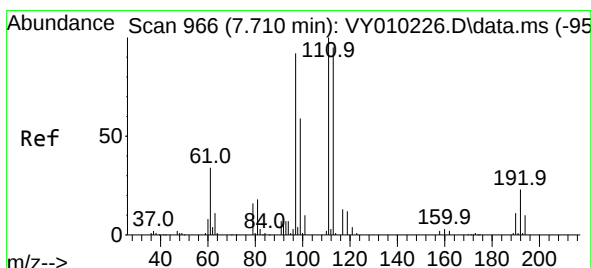
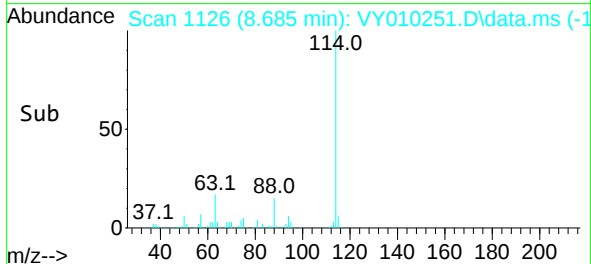
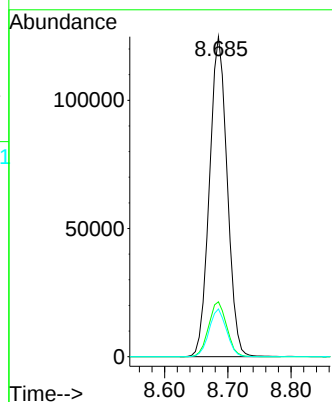
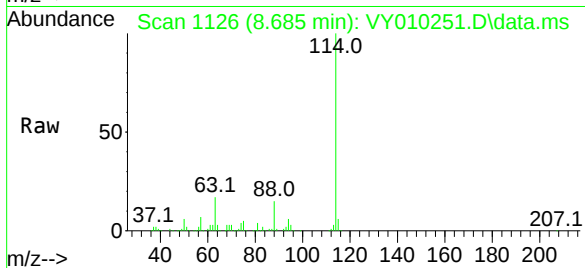
Tgt Ion:114 Resp: 243211

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.366 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010251.D

Acq: 31 Aug 2022 17:28

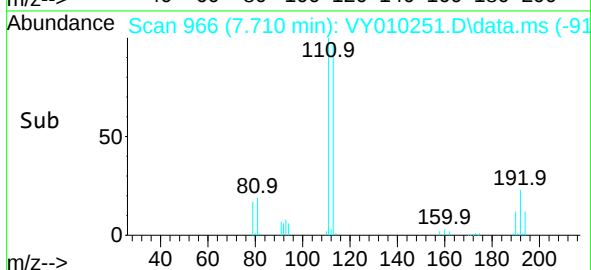
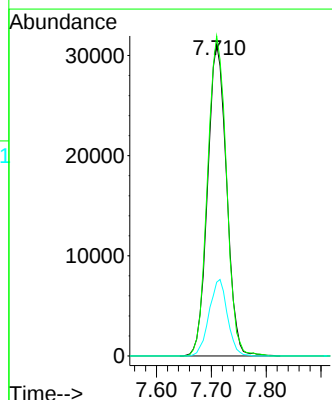
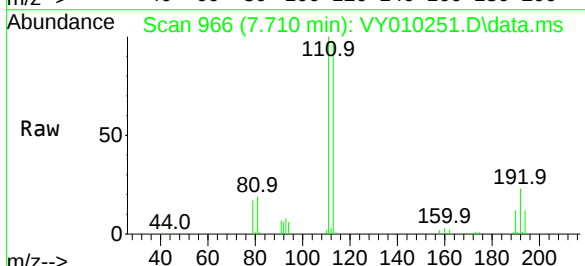
Tgt Ion:113 Resp: 74568

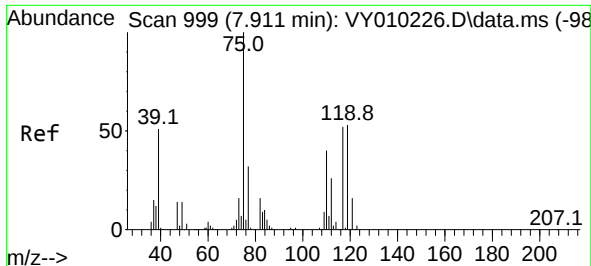
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 23.7 17.6 26.4

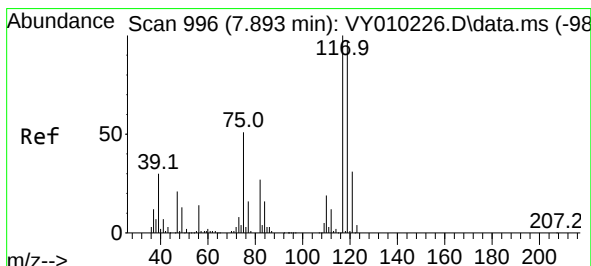
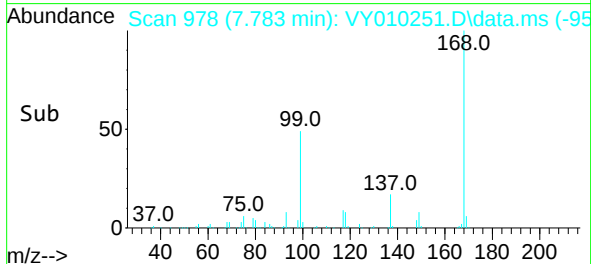
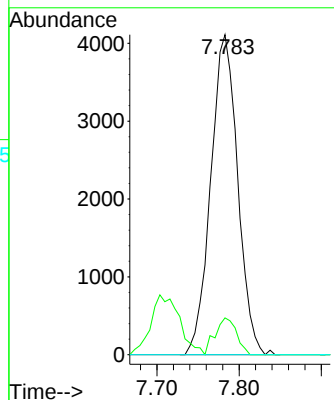
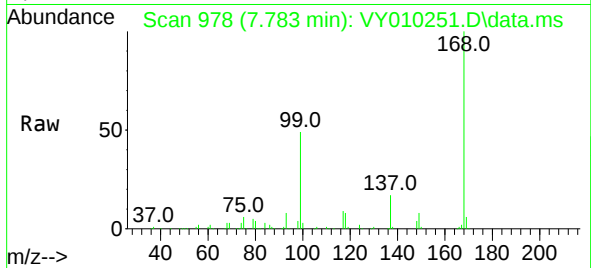




#36
1,1-Dichloropropene
Concen: 4.412 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

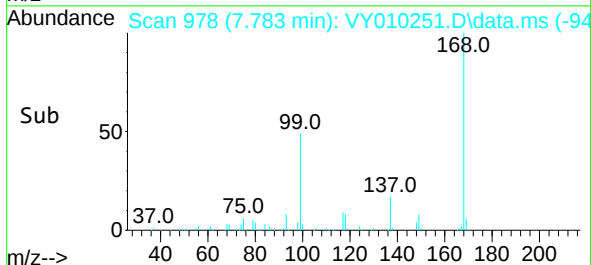
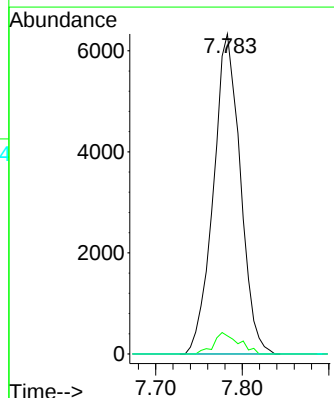
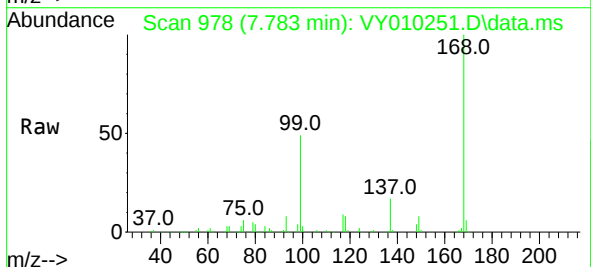
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

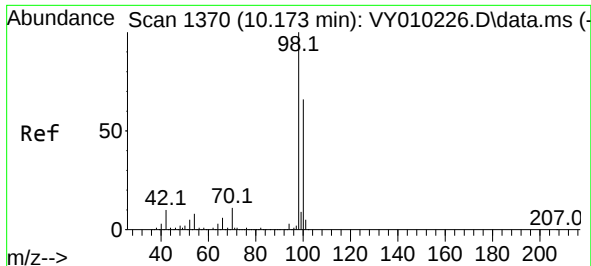
Tgt Ion: 75 Resp: 9359
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.618 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

Tgt Ion: 117 Resp: 13673
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#

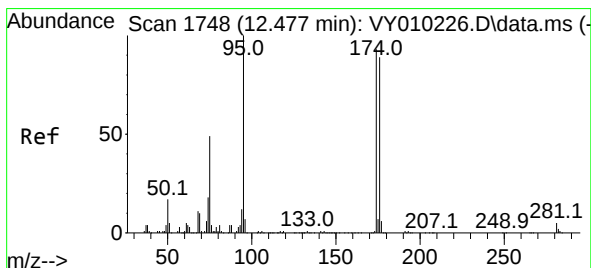
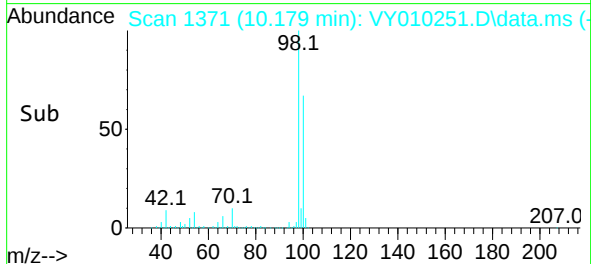
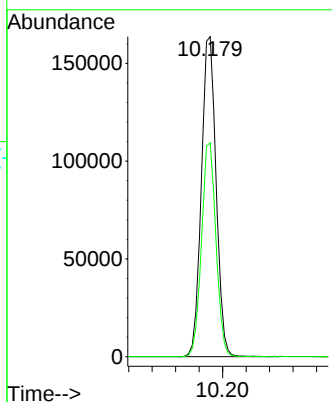
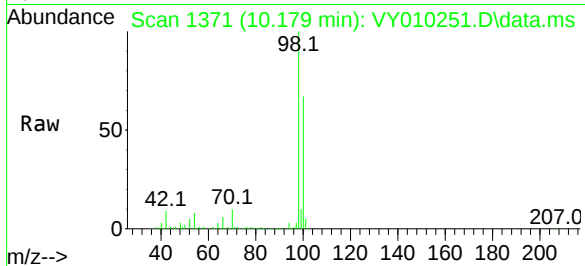




#50
Toluene-d8
Concen: 54.835 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

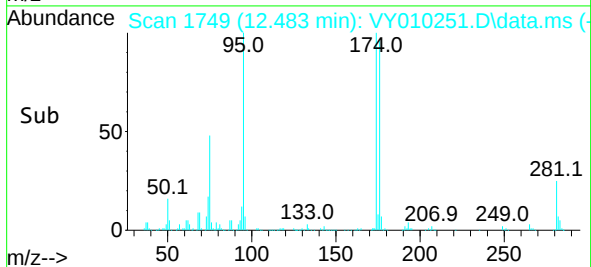
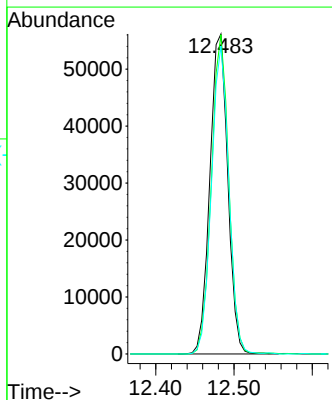
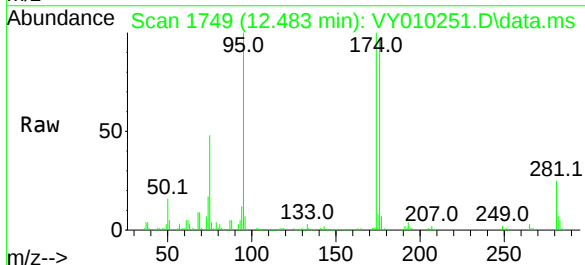
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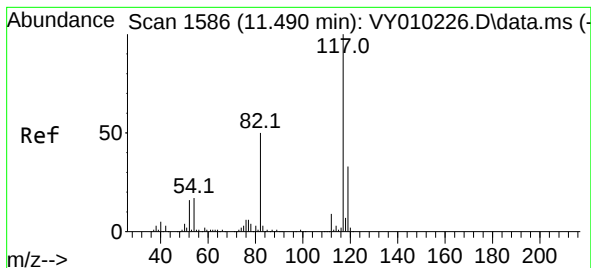
Tgt Ion: 98 Resp: 285383
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

Tgt Ion: 95 Resp: 89171
Ion Ratio Lower Upper
95 100
174 96.8 0.0 177.0
176 93.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010251.D

Acq: 31 Aug 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

WC-4

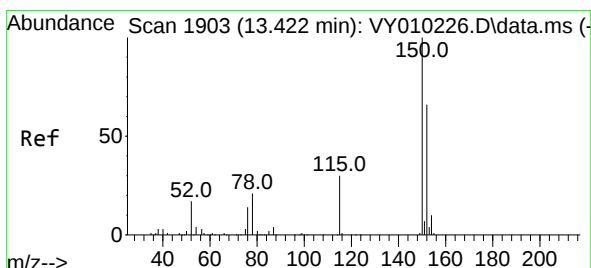
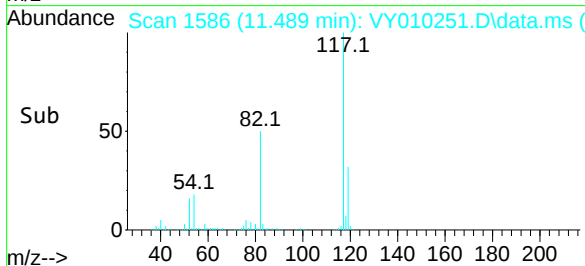
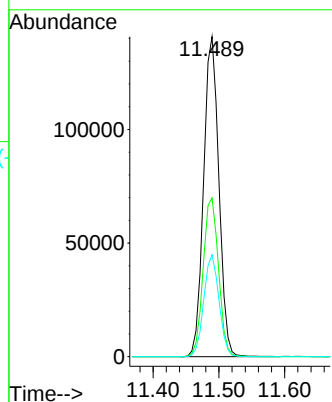
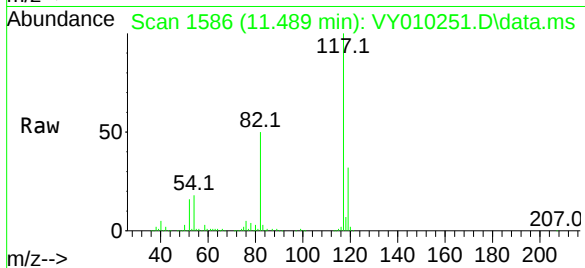
Tgt Ion:117 Resp: 227194

Ion Ratio Lower Upper

117 100

82 49.6 43.0 64.4

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010251.D

Acq: 31 Aug 2022 17:28

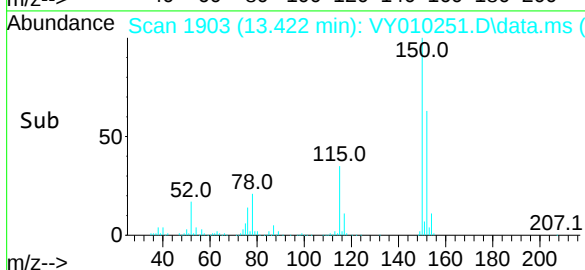
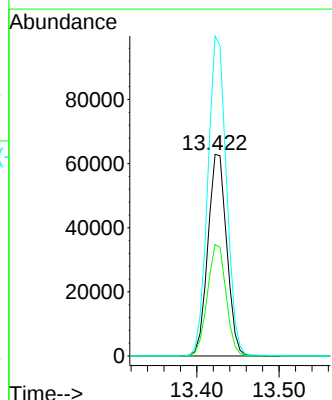
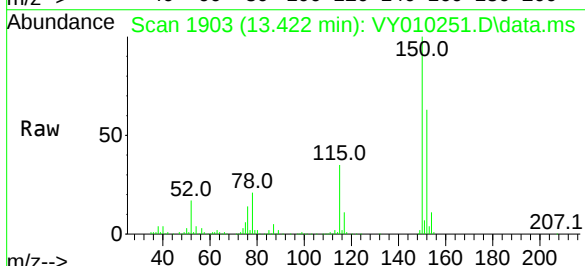
Tgt Ion:152 Resp: 100014

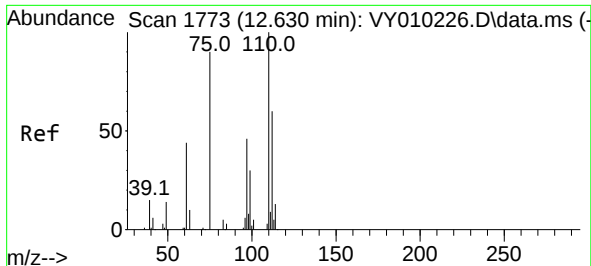
Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 157.4 0.0 347.6

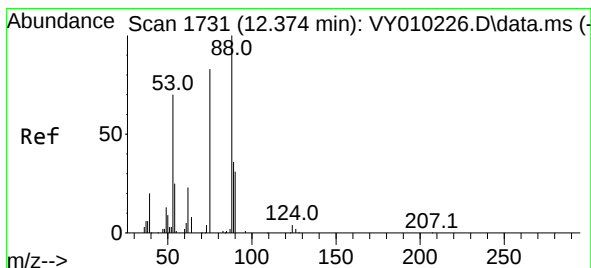
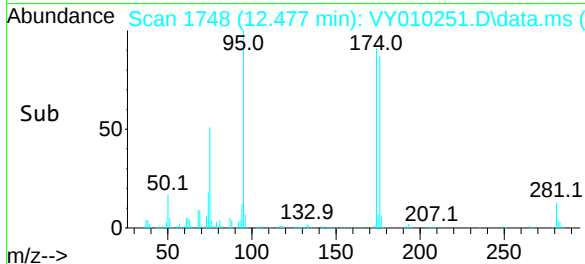
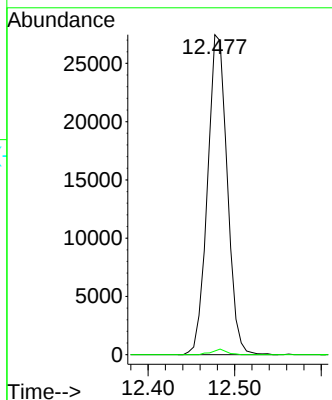
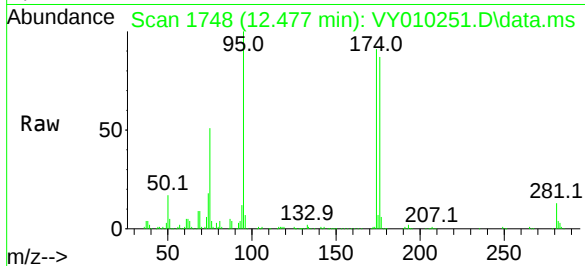




#76
1,2,3-Trichloropropane
Concen: 44.133 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

Instrument :
MSVOA_Y
ClientSampleId :
WC-4

Tgt Ion: 75 Resp: 43402
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.076 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

Tgt Ion: 75 Resp: 43402
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

