

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010956.D
 Acq On : 13 Oct 2022 14:11
 Operator : KP/MD
 Sample : N5105-03
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-6

Quant Time: Oct 14 02:10:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

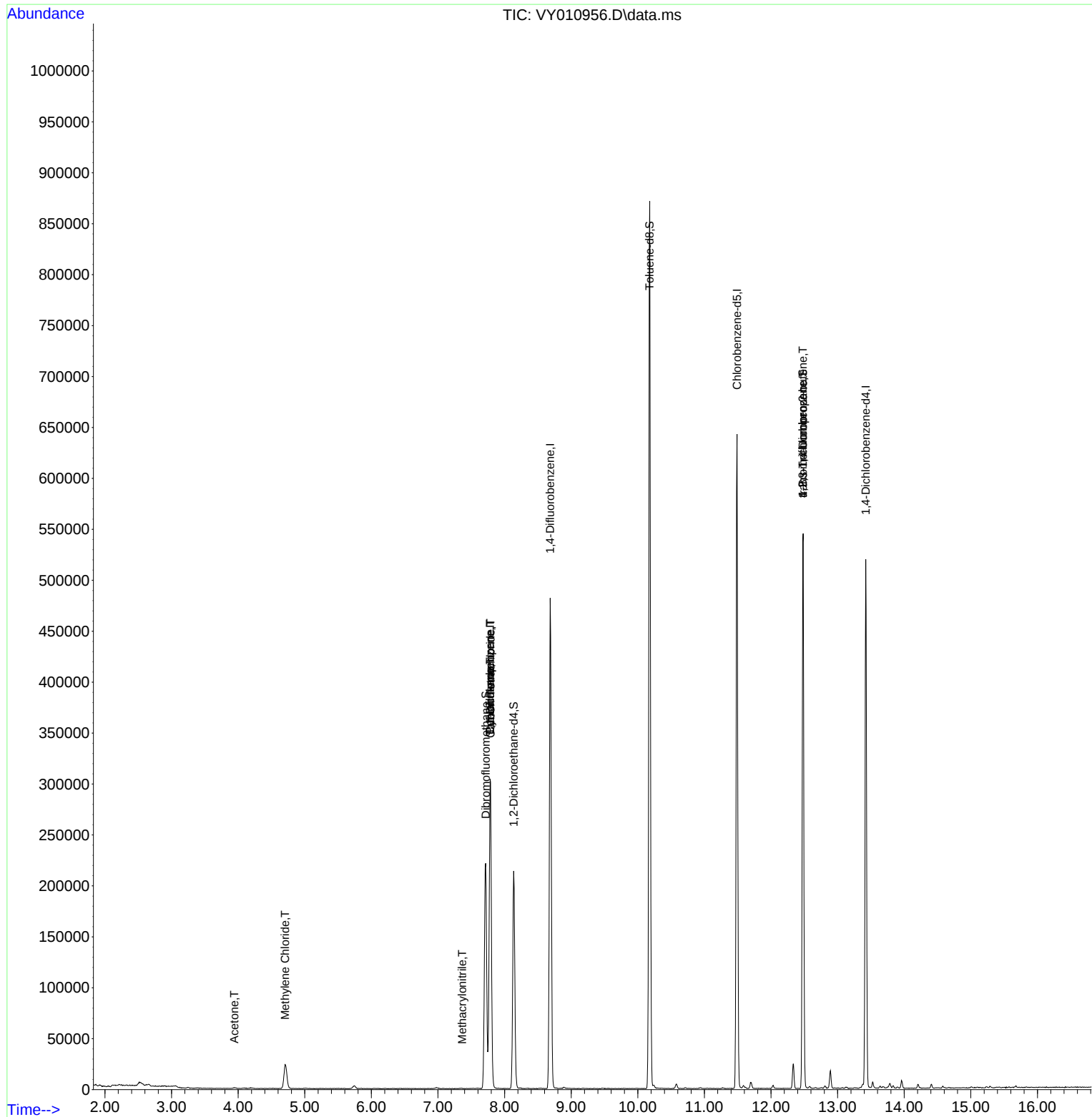
Internal Standards						
1) Pentafluorobenzene	7.783	168	239833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	418031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159573	65.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.280%
35) Dibromofluoromethane	7.716	113	161468	58.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.380%
50) Toluene-d8	10.179	98	569163	59.976	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.960%
62) 4-Bromofluorobenzene	12.477	95	167214	44.712	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	49	Below Cal	#	77
16) Acetone	3.942	43	1387	2.246	ug/l #	69
20) Methylene Chloride	4.704	84	18374	1.755	ug/l	83
31) Cyclohexane	7.783	56	4824	1.109	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	18647	4.655	ug/l #	51
38) Carbon Tetrachloride	7.789	117	23635	5.665	ug/l #	15
41) Methacrylonitrile	7.362	41	19	2.597	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	84539	61.984	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	84539	129.480	ug/l #	7

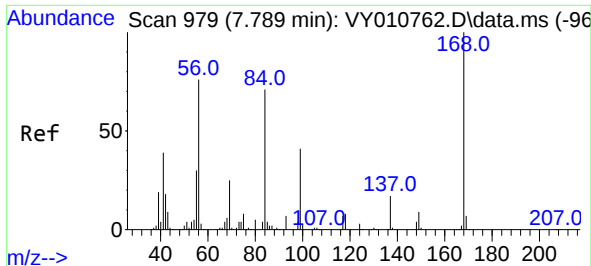
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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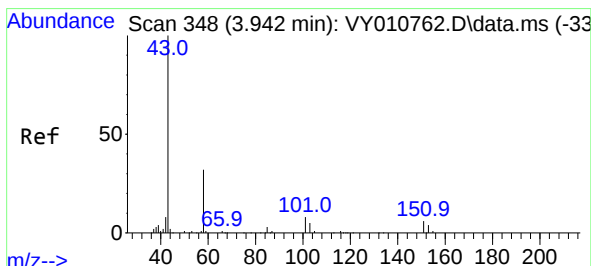
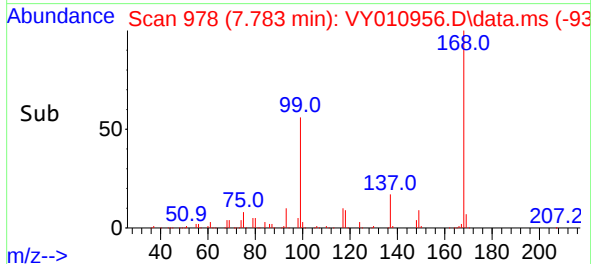
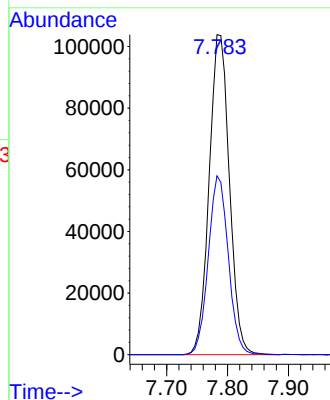
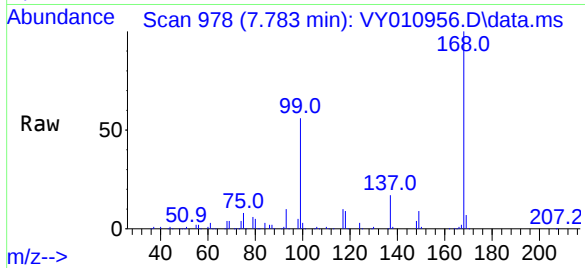




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

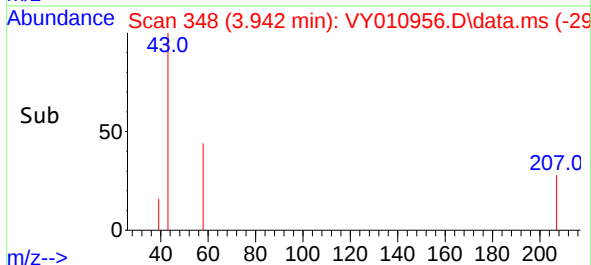
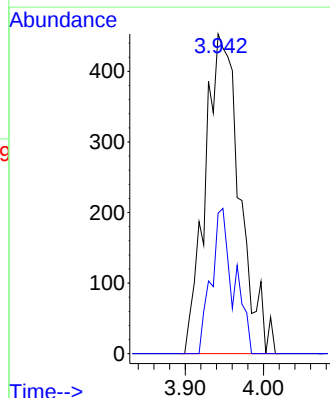
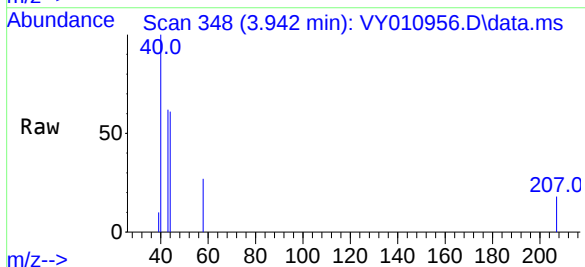
Instrument :
MSVOA_Y
ClientSampleId :
WC-6

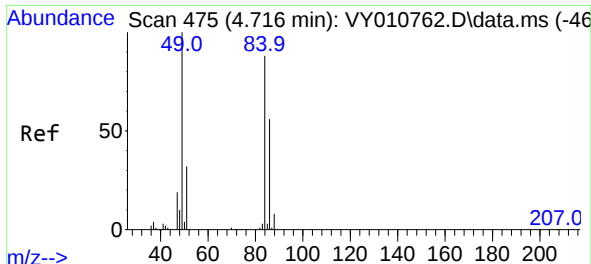
Tgt Ion:168 Resp: 239833
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#16
Acetone
Concen: 2.246 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
58 43.9 22.0 33.0#

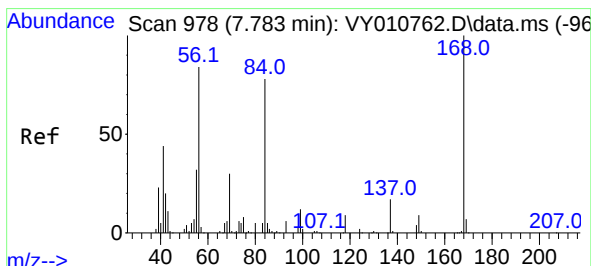
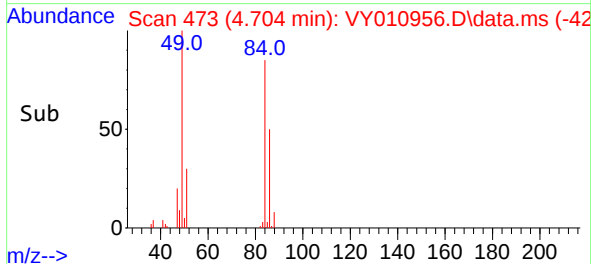
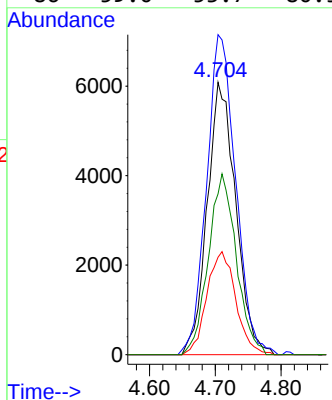
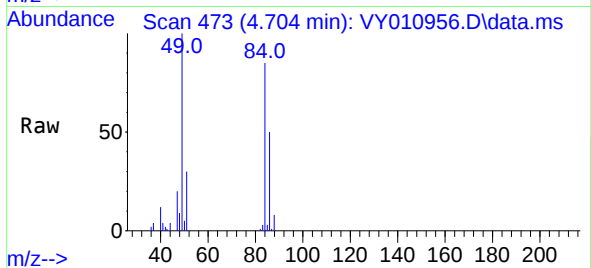




#20
Methylene Chloride
Concen: 1.755 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

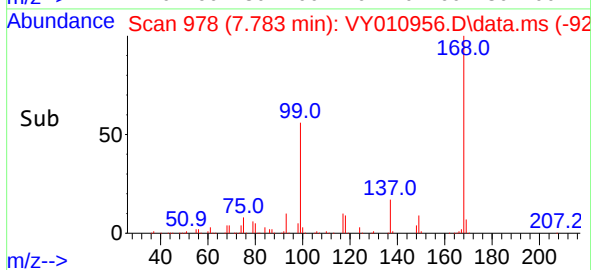
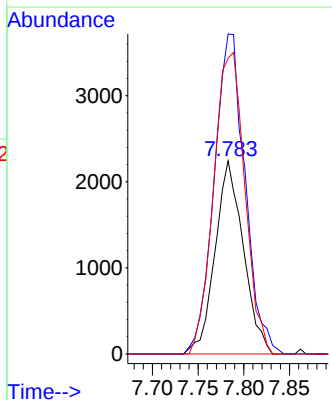
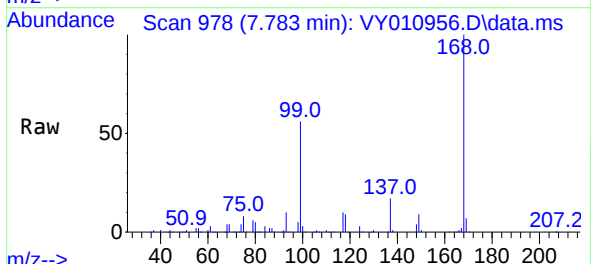
Instrument :
MSVOA_Y
ClientSampleId :
WC-6

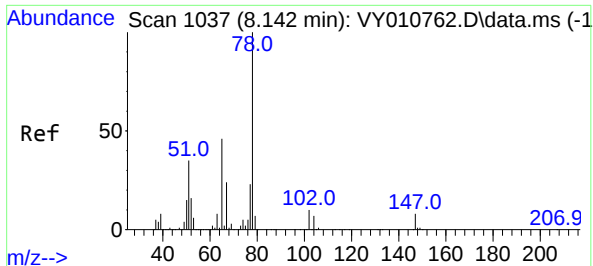
Tgt Ion: 84 Resp: 18374
Ion Ratio Lower Upper
84 100
49 117.5 114.4 171.6
51 35.8 35.3 52.9
86 59.0 53.7 80.5



#31
Cyclohexane
Concen: 1.109 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

Tgt Ion: 56 Resp: 4824
Ion Ratio Lower Upper
56 100
69 165.7 26.7 40.1#
84 153.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.641 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010956.D

Acq: 13 Oct 2022 14:11

Instrument :

MSVOA_Y

ClientSampleId :

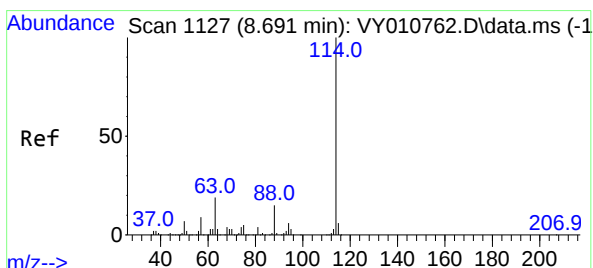
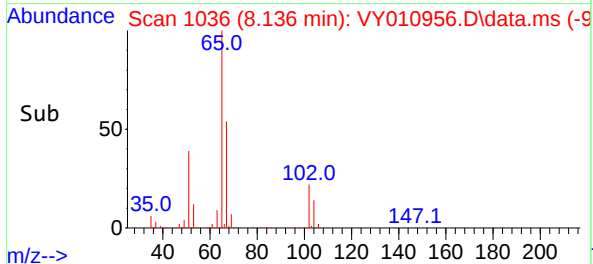
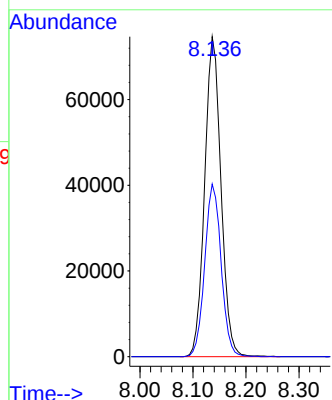
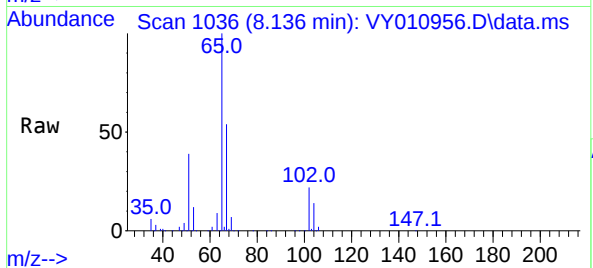
WC-6

Tgt Ion: 65 Resp: 159573

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010956.D

Acq: 13 Oct 2022 14:11

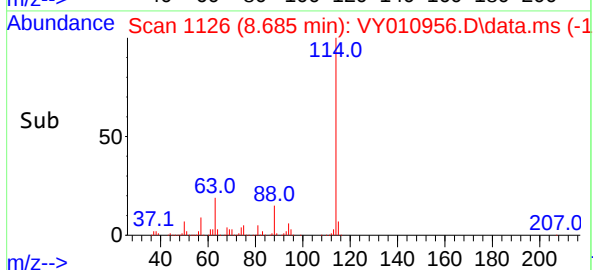
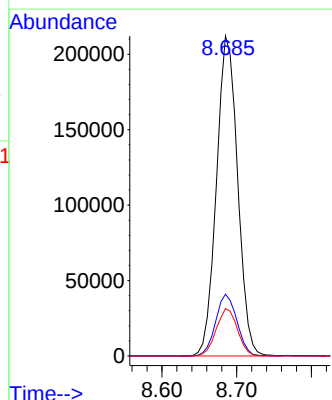
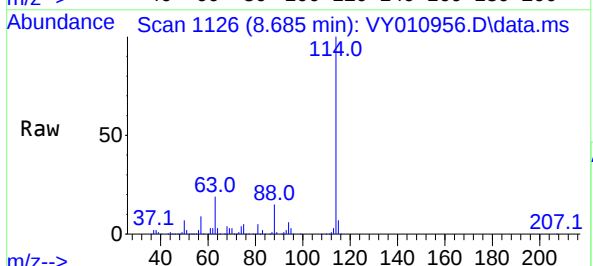
Tgt Ion:114 Resp: 418031

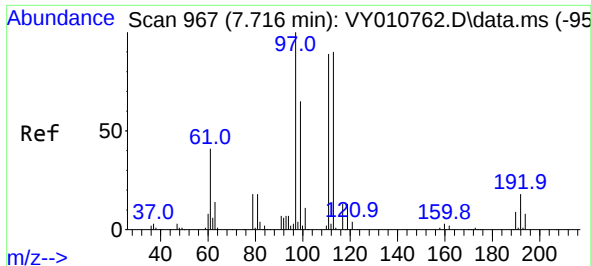
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.8 0.0 31.8

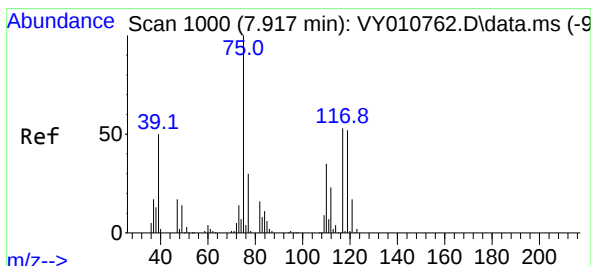
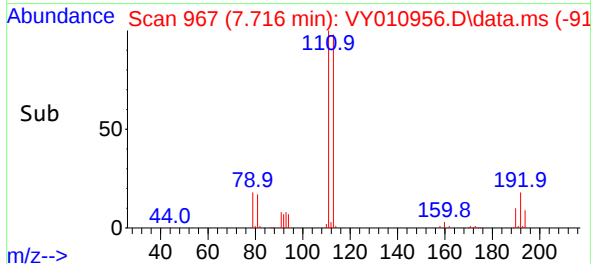
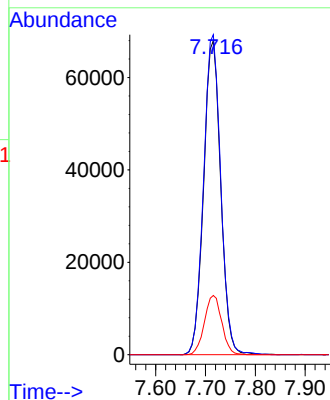
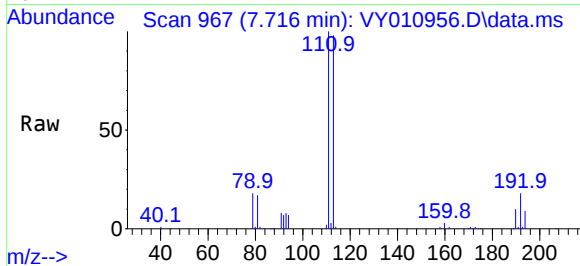




#35
Dibromofluoromethane
Concen: 58.188 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

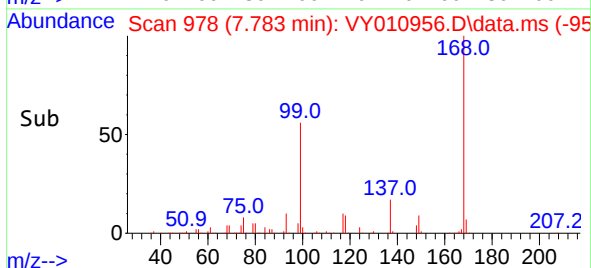
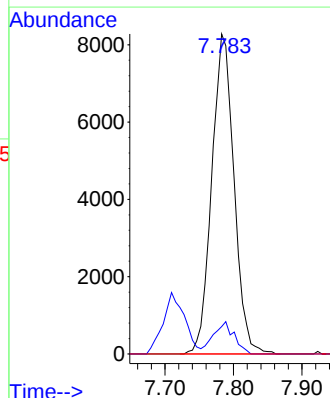
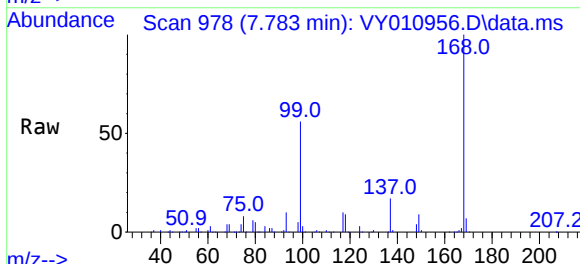
Instrument :
MSVOA_Y
ClientSampleId :
WC-6

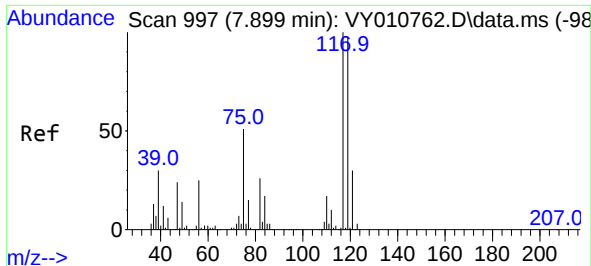
Tgt Ion:113 Resp: 161468
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

Tgt Ion: 75 Resp: 18647
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

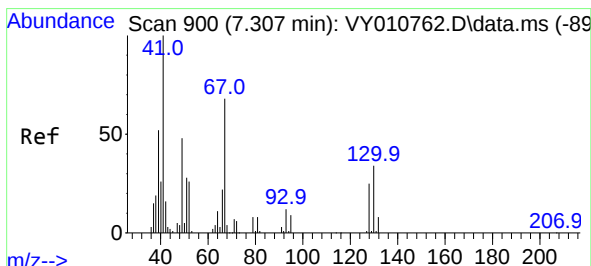
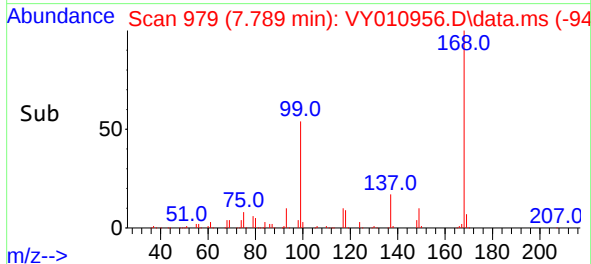
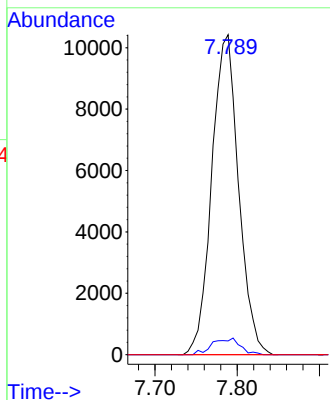
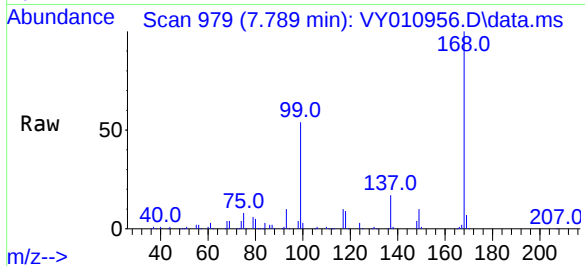




#38
Carbon Tetrachloride
Concen: 5.665 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

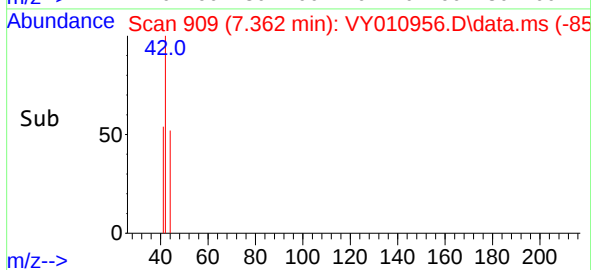
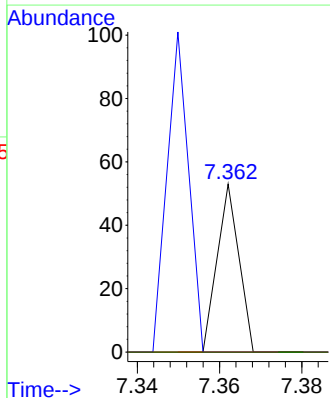
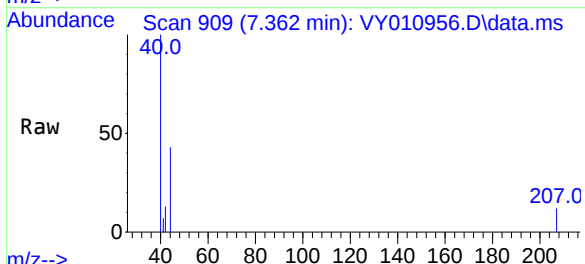
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ClientSampleId :
WC-6

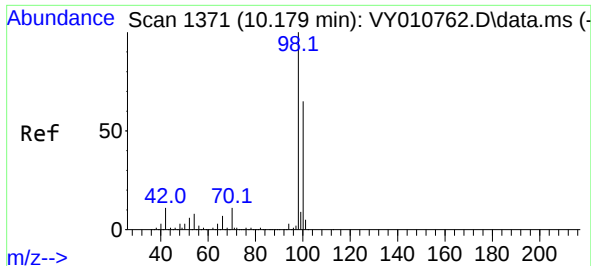
Tgt Ion:117 Resp: 23635
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.597 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.055 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

Tgt Ion: 41 Resp: 19
Ion Ratio Lower Upper
41 100
39 194.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

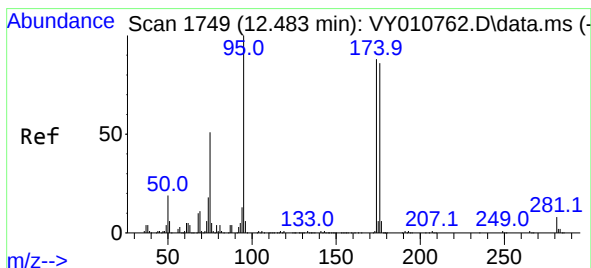
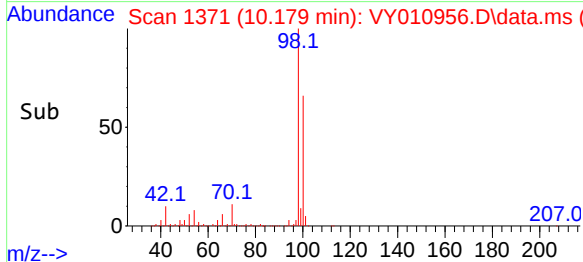
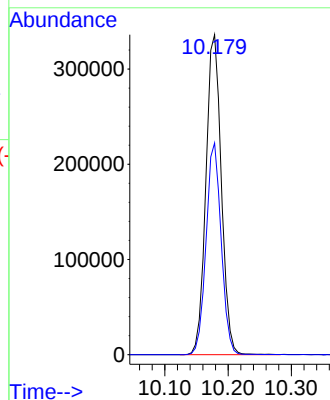
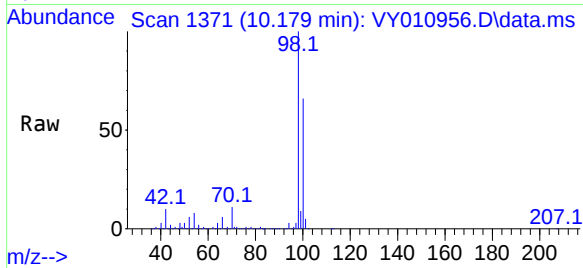




#50
Toluene-d8
Concen: 59.976 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

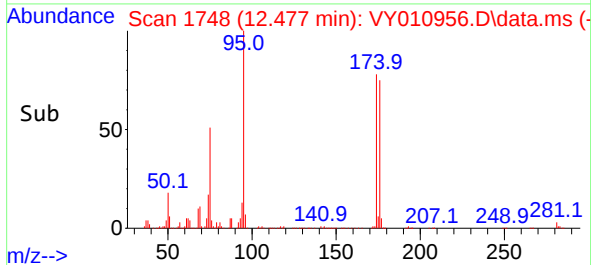
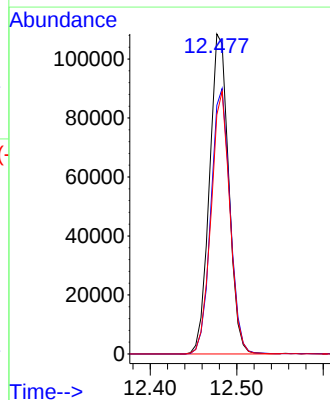
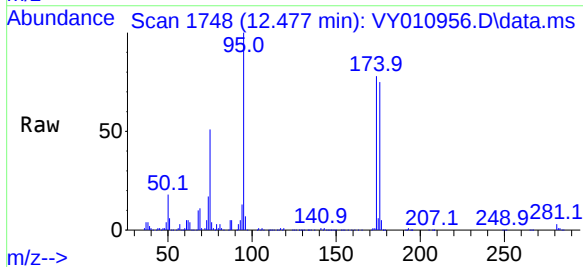
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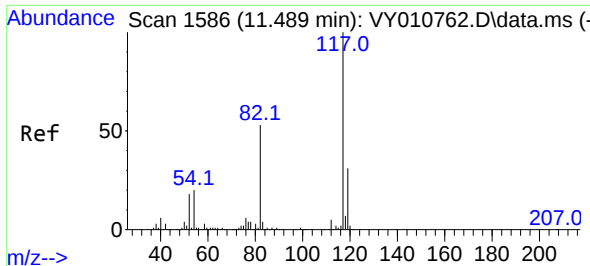
Tgt Ion: 98 Resp: 569163
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.712 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

Tgt Ion: 95 Resp: 167214
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 80.3 0.0 175.8

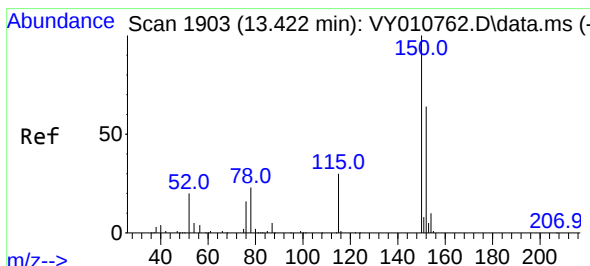
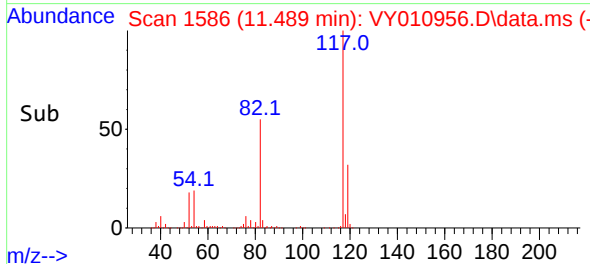
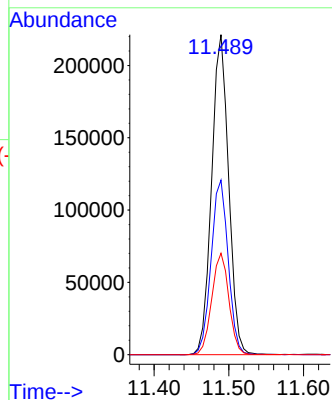
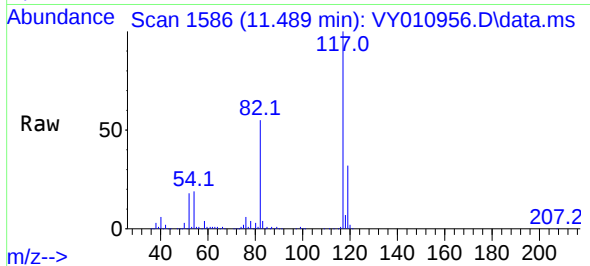




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

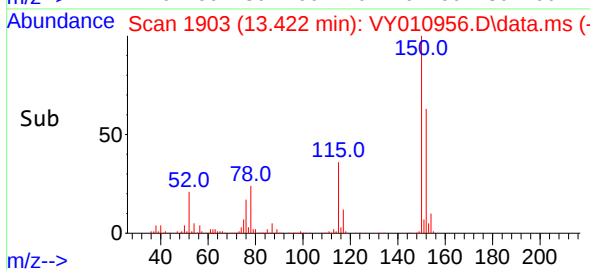
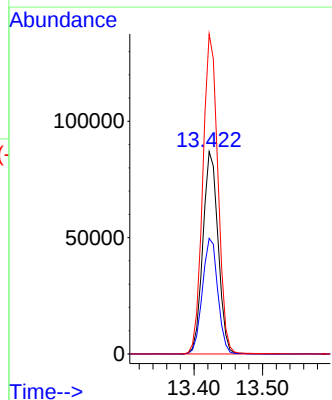
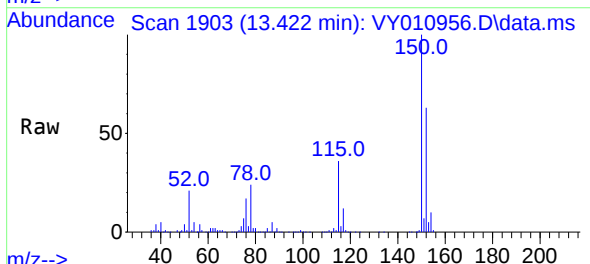
Instrument :
MSVOA_Y
ClientSampleId :
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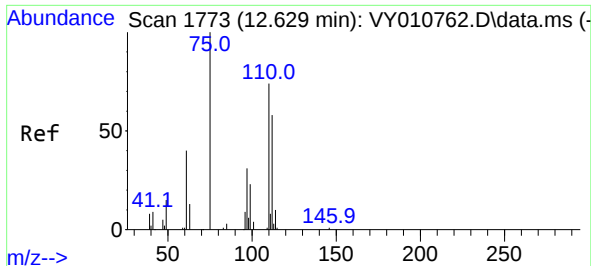
Tgt Ion:117 Resp: 350076
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

Tgt Ion:152 Resp: 134679
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 157.3 0.0 347.6

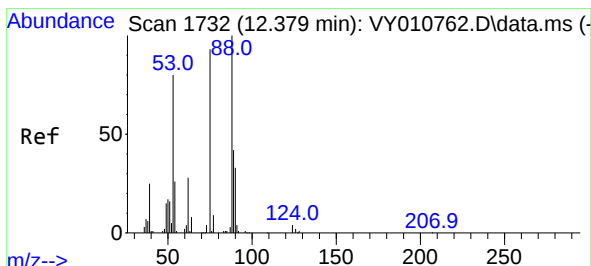
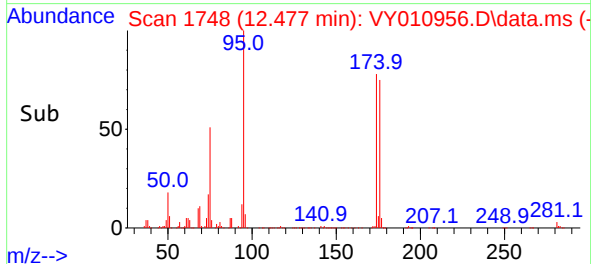
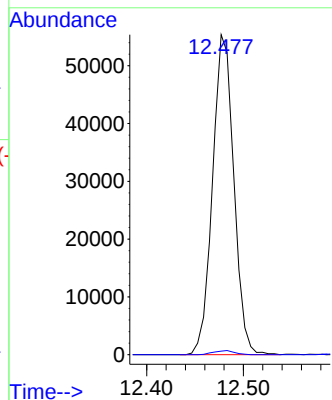
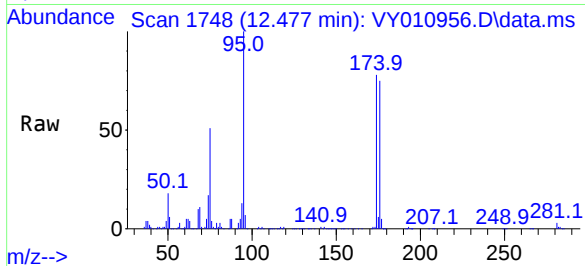




#76
1,2,3-Trichloropropane
Concen: 61.984 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :
WC-6

Tgt Ion: 75 Resp: 84539
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.480 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

Tgt Ion: 75 Resp: 84539
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

