

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010944.D
 Acq On : 12 Oct 2022 16:03
 Operator : KP/MD
 Sample : N5105-03
 Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-6

Quant Time: Oct 13 05:35:38 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)

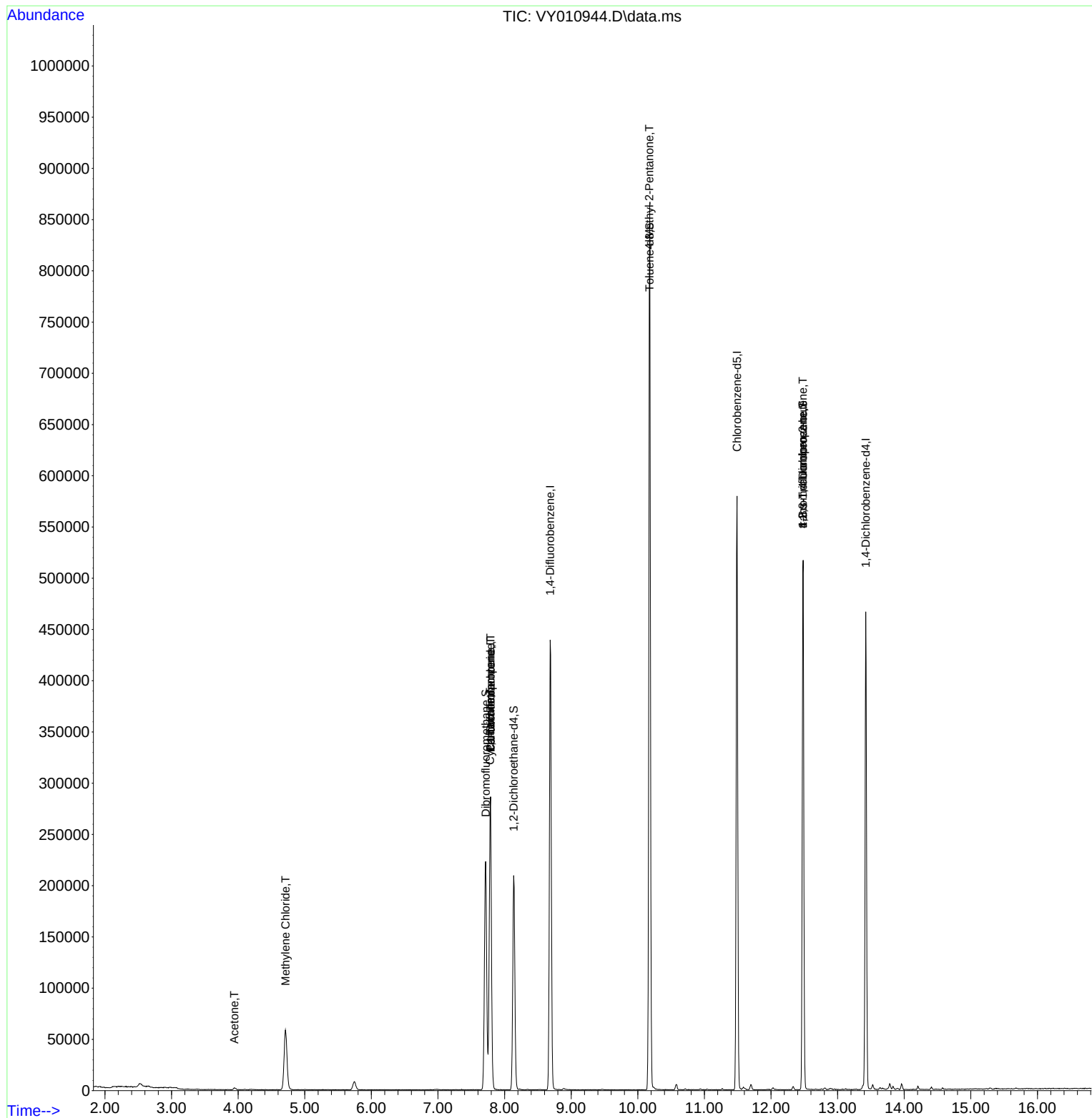
Internal Standards						
1) Pentafluorobenzene	7.789	168	218994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	380307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	158549	71.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.860%	
35) Dibromofluoromethane	7.716	113	159282	63.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.180%	
50) Toluene-d8	10.179	98	559181	64.769	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.540%	
62) 4-Bromofluorobenzene	12.477	95	156769	46.198	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.400%	
Target Compounds						Qvalue
16) Acetone	3.942	43	2913	5.167	ug/l	99
20) Methylene Chloride	4.710	84	44847	14.440	ug/l	89
31) Cyclohexane	7.783	56	4522	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17209	4.722	ug/l #	50
38) Carbon Tetrachloride	7.789	117	21485	5.660	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	2378	1.343	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	80552	67.502	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80552	141.006	ug/l #	7

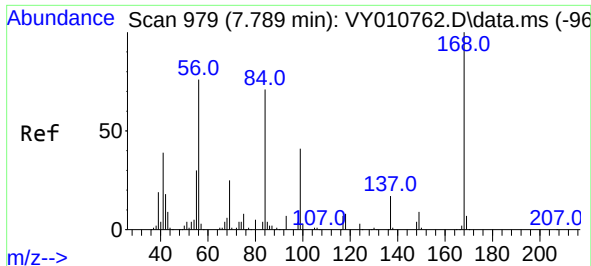
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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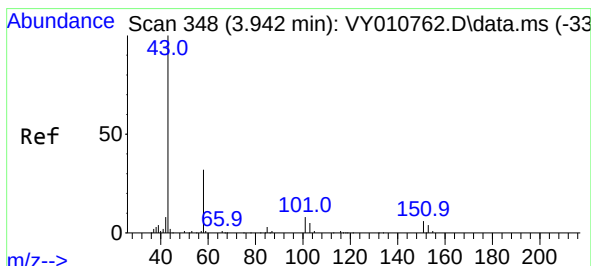
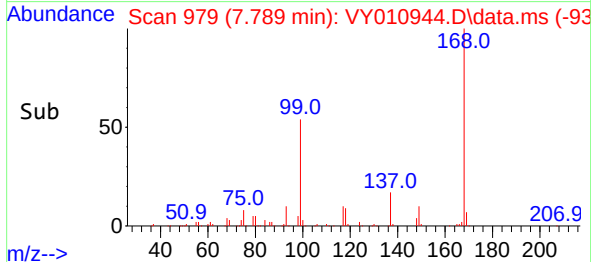
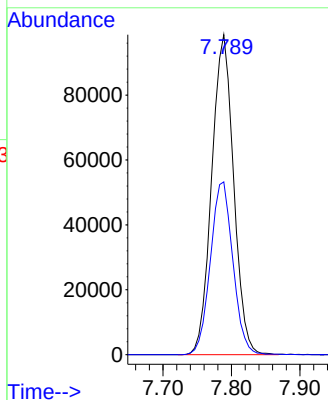
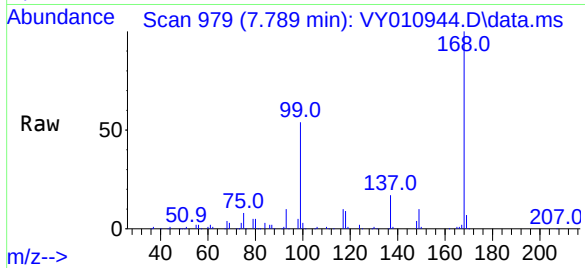




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

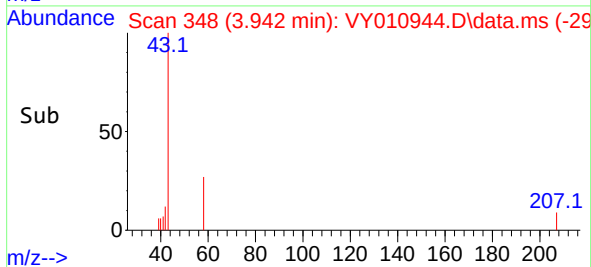
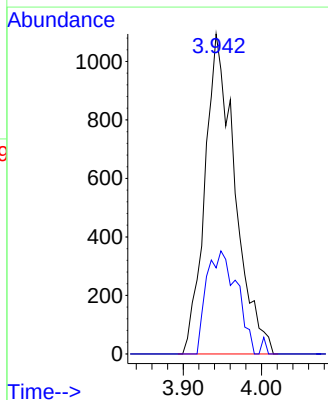
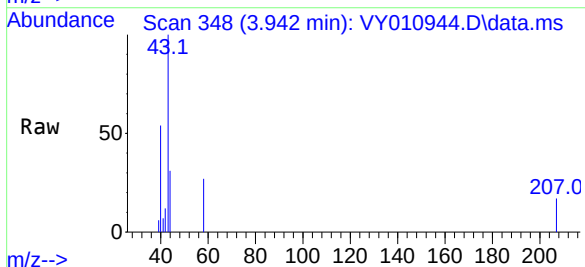
Instrument :
MSVOA_Y
ClientSampleId :
WC-6

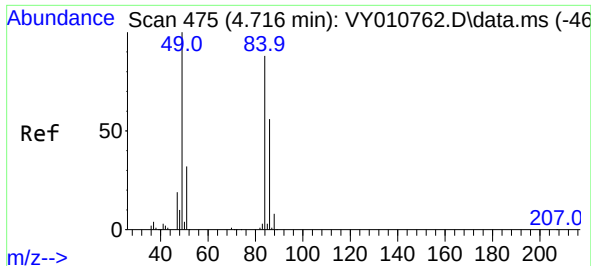
Tgt Ion:168 Resp: 218994
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 5.167 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

Tgt Ion: 43 Resp: 2913
Ion Ratio Lower Upper
43 100
58 26.9 22.0 33.0



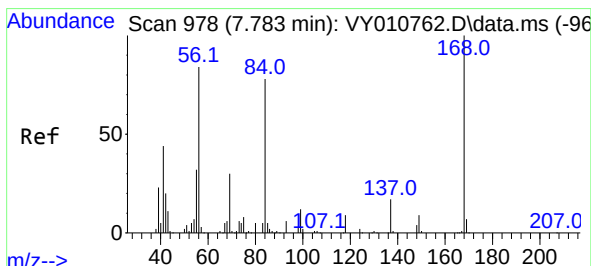
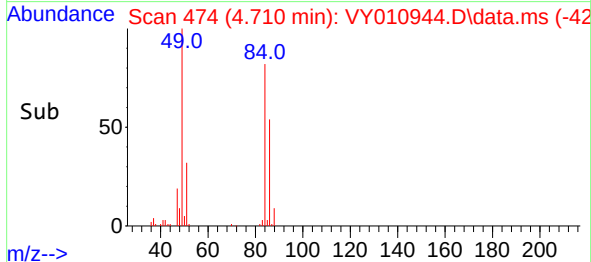
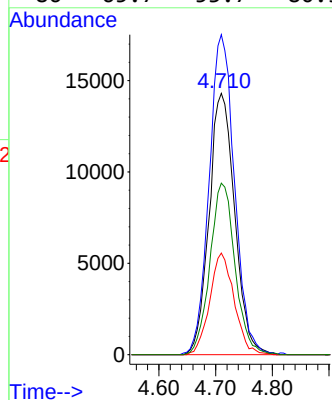
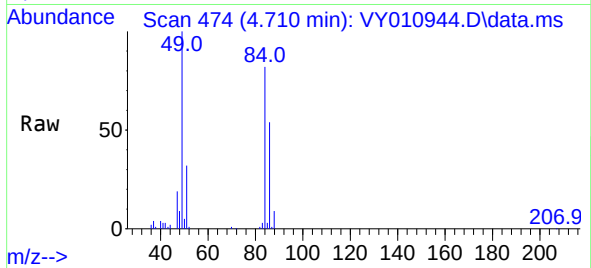


#20
Methylene Chloride
Concen: 14.440 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
WC-6

Tgt Ion: 84 Resp: 44847

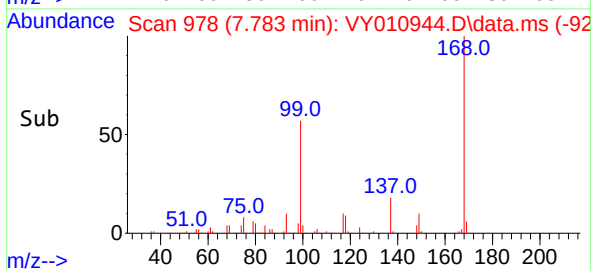
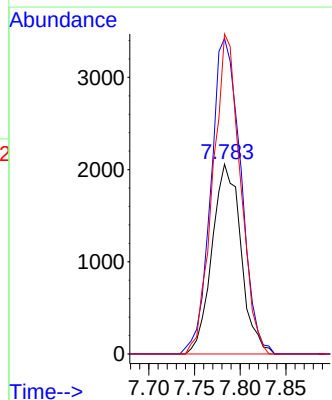
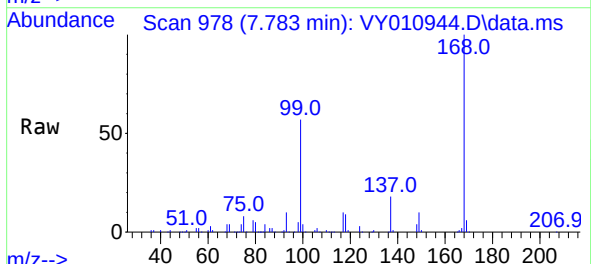
Ion	Ratio	Lower	Upper
84	100		
49	122.5	114.4	171.6
51	38.9	35.3	52.9
86	65.7	53.7	80.5

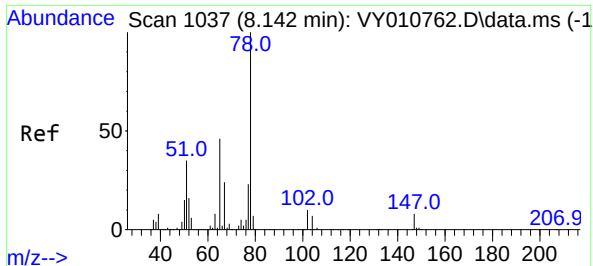


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

Tgt Ion: 56 Resp: 4522

Ion	Ratio	Lower	Upper
56	100		
69	166.3	26.7	40.1#
84	168.7	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 71.426 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY010944.D

Acq: 12 Oct 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

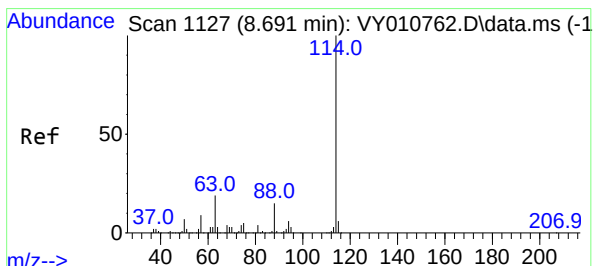
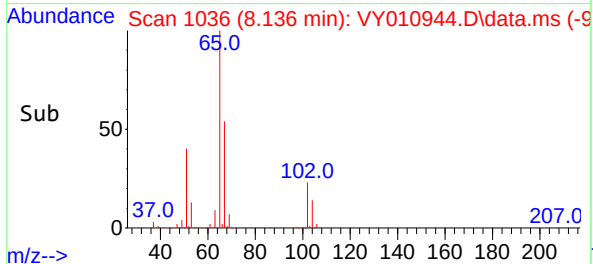
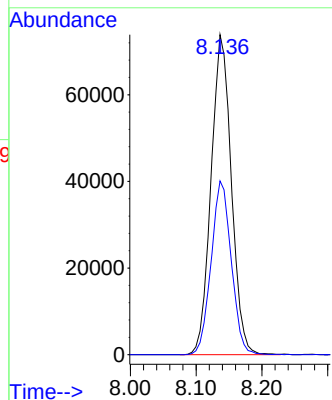
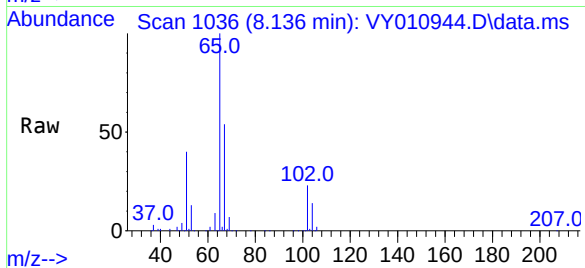
WC-6

Tgt Ion: 65 Resp: 158549

Ion Ratio Lower Upper

65 100

67 53.9 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: VY010944.D

Acq: 12 Oct 2022 16:03

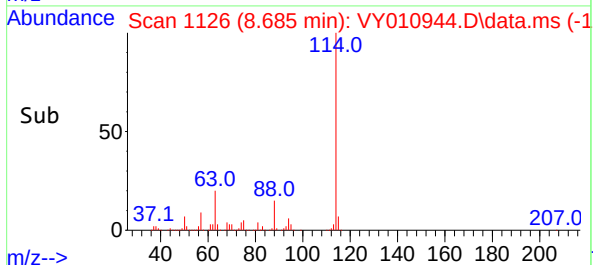
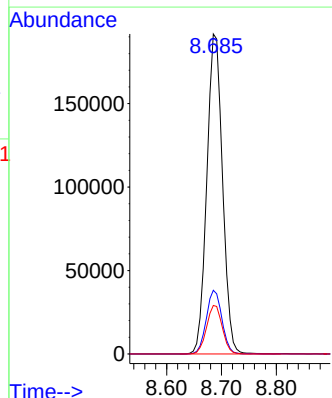
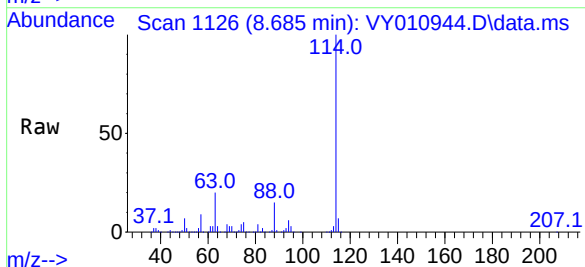
Tgt Ion: 114 Resp: 380307

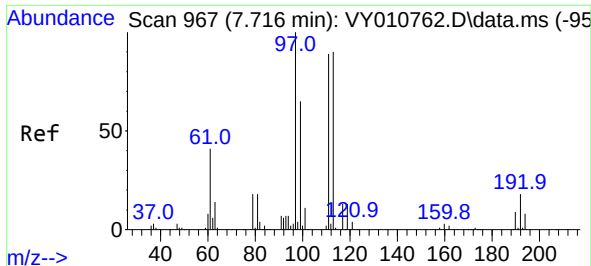
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.2 0.0 31.8

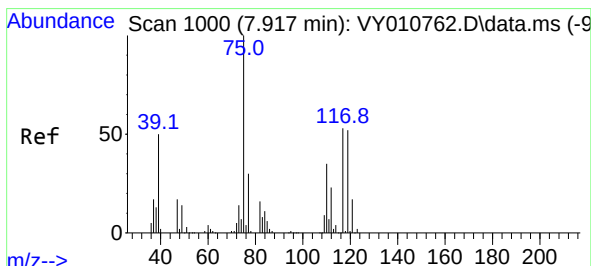
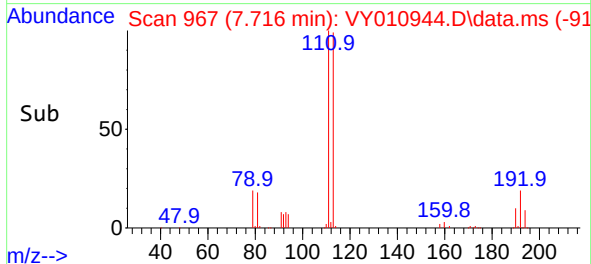
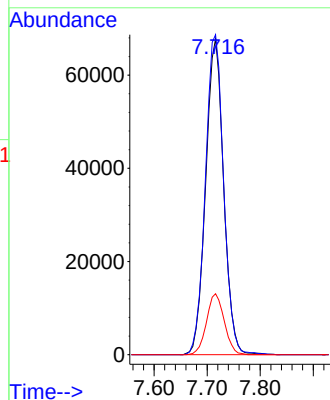
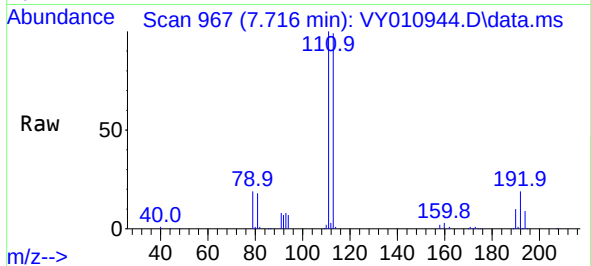




#35
Dibromofluoromethane
Concen: 63.094 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

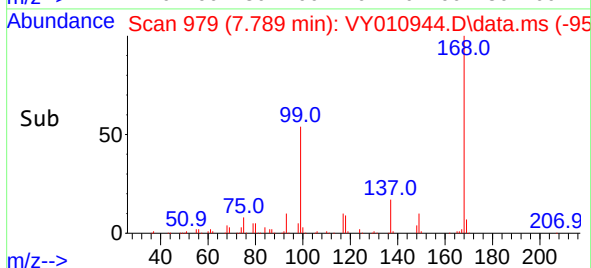
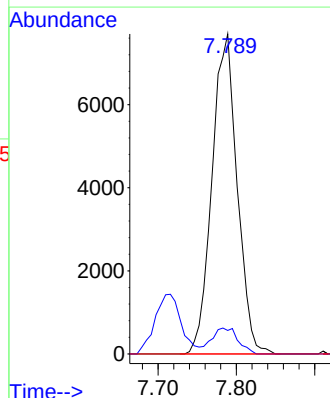
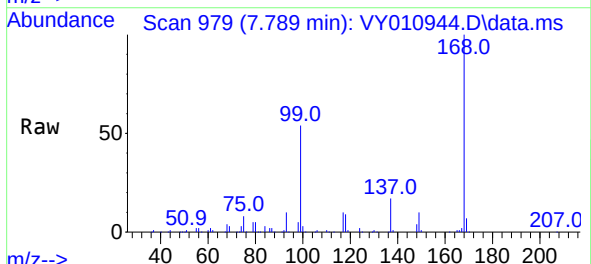
Instrument :
MSVOA_Y
ClientSampleId :
WC-6

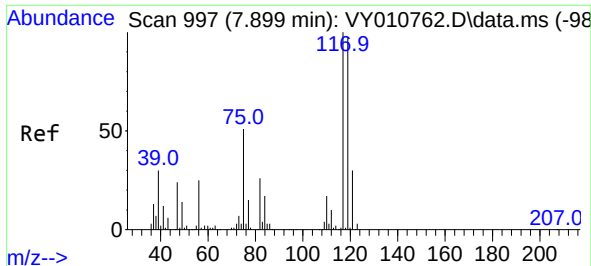
Tgt Ion:113 Resp: 159282
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.722 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

Tgt Ion: 75 Resp: 17209
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

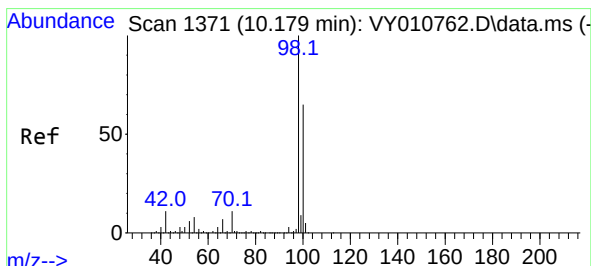
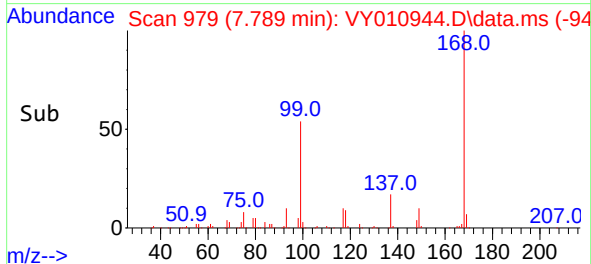
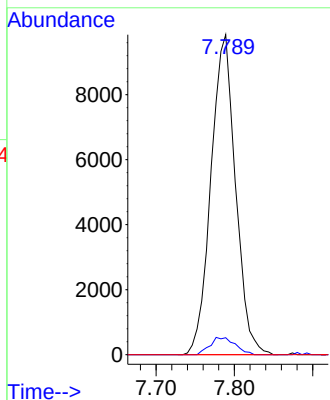
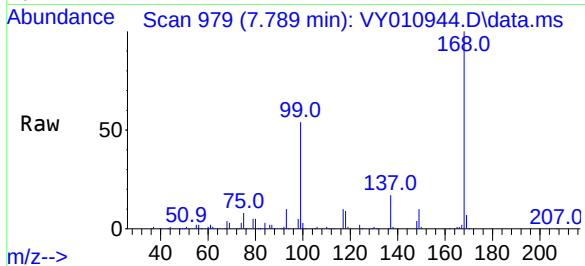




#38
Carbon Tetrachloride
Concen: 5.660 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

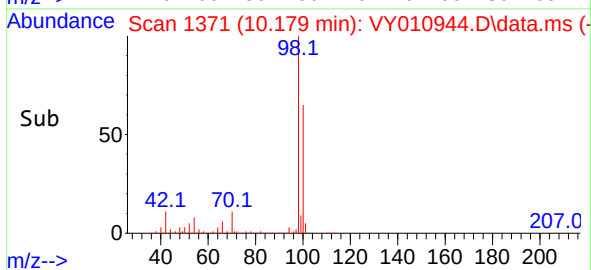
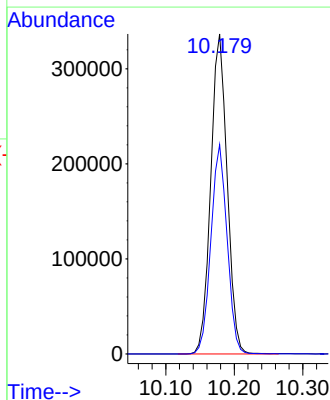
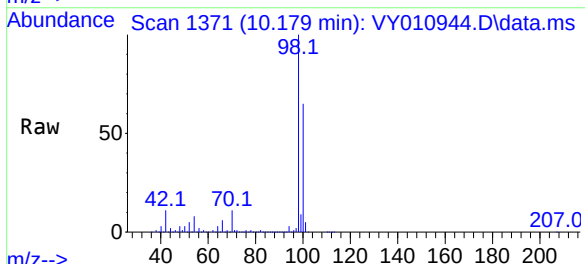
Instrument :
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ClientSampleId :
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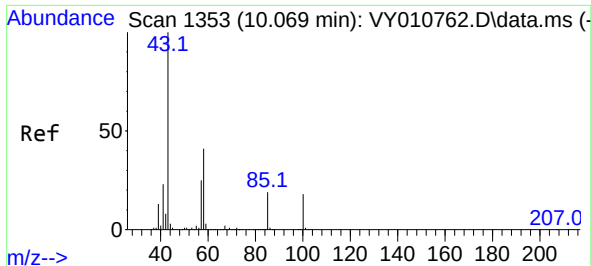
Tgt Ion:117 Resp: 21485
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 64.769 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

Tgt Ion: 98 Resp: 559181
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

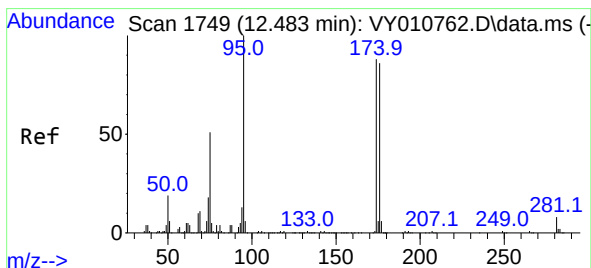
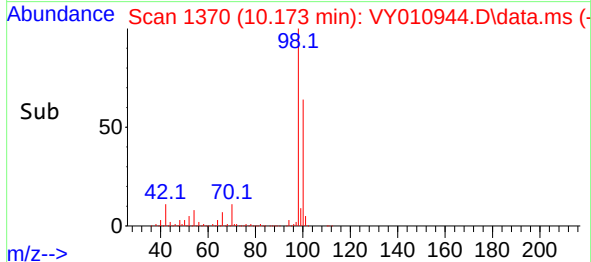
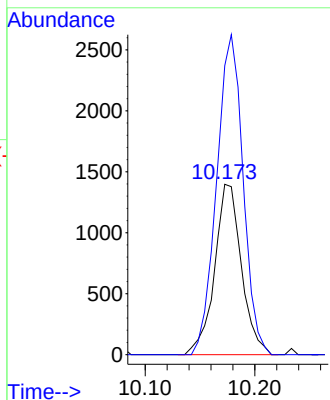
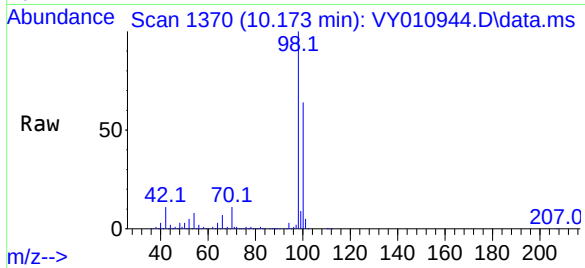




#51
4-Methyl-2-Pentanone
Concen: 1.343 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

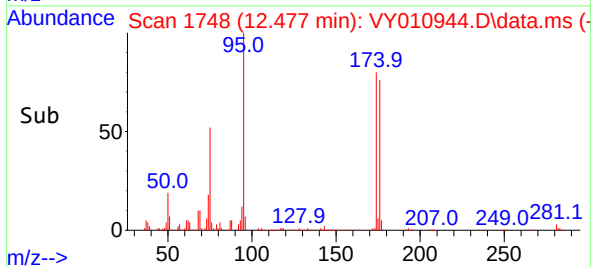
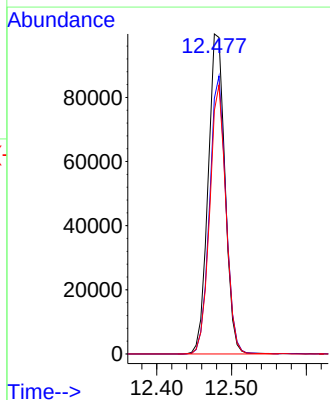
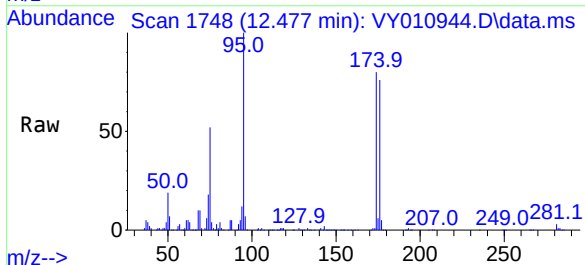
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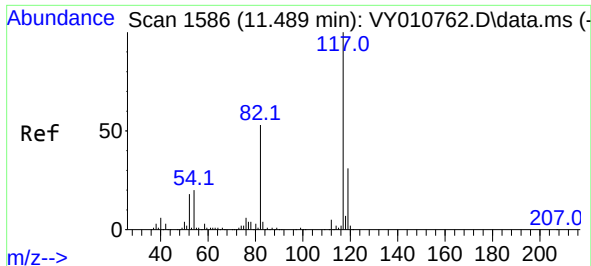
Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
58 185.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 46.198 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

Tgt Ion: 95 Resp: 156769
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.0 0.0 175.8

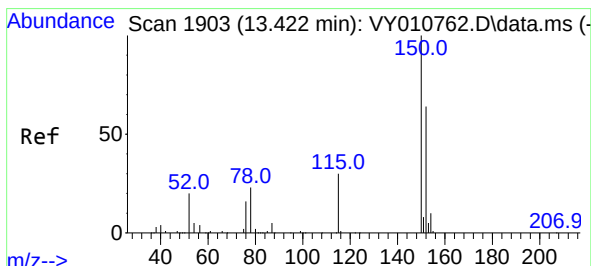
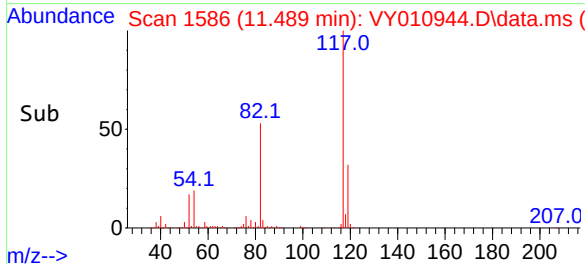
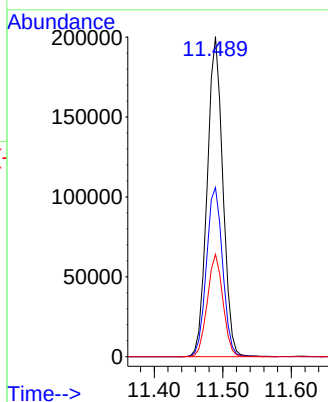
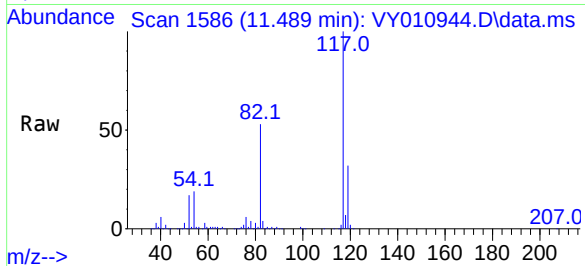




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

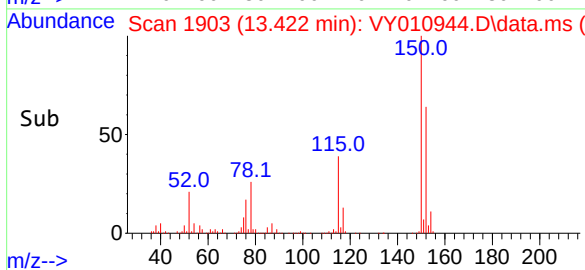
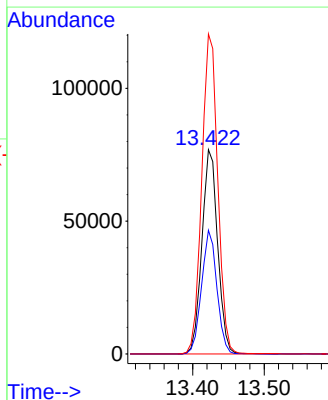
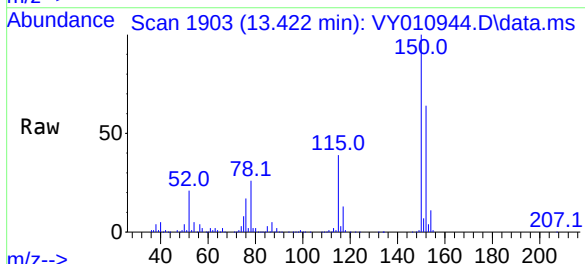
Instrument :
MSVOA_Y
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WC-6

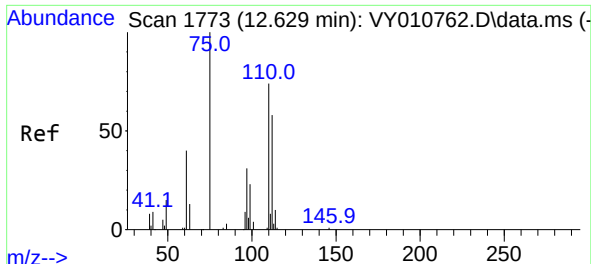
Tgt Ion:117 Resp: 318423
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

Tgt Ion:152 Resp: 117837
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 158.7 0.0 347.6

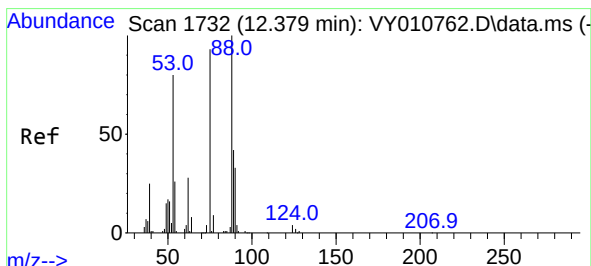
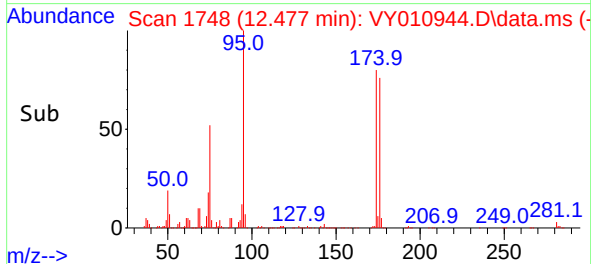
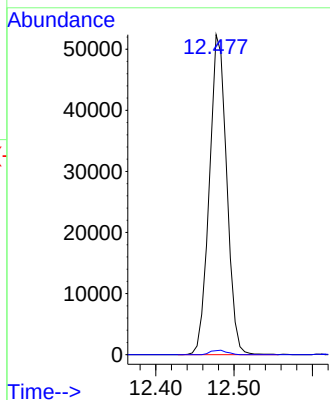
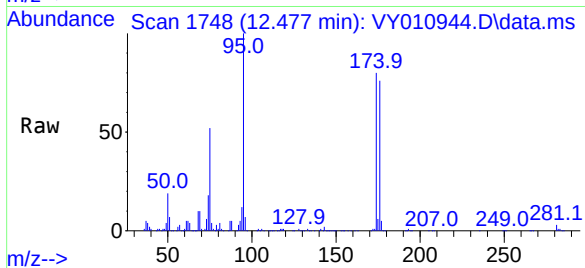




#76
1,2,3-Trichloropropane
Concen: 67.502 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
WC-6

Tgt Ion: 75 Resp: 80552
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.006 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010944.D
Acq: 12 Oct 2022 16:03

Tgt Ion: 75 Resp: 80552
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

