

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010306.D
 Acq On : 03 Sep 2022 03:22
 Operator : KP/MD
 Sample : N4379-12
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 03 06:12:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

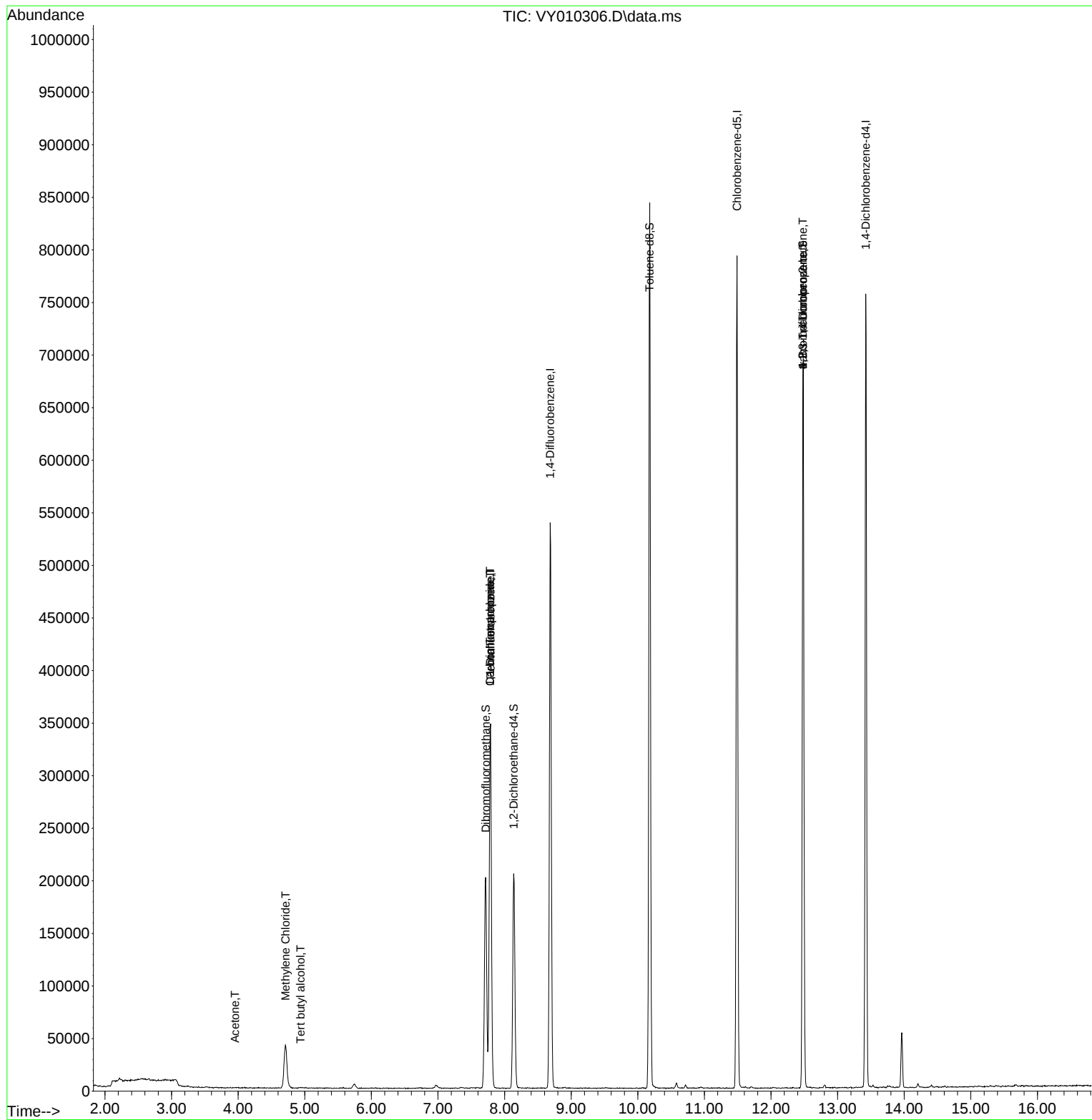
Internal Standards						
1) Pentafluorobenzene	7.789	168	277926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	467694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	435406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	200263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	161990	56.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.680%	
35) Dibromofluoromethane	7.716	113	142109	45.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.280%	
50) Toluene-d8	10.179	98	556121	53.349	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.477	95	193517	45.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	566	Below Cal		88
11) Tert butyl alcohol	4.936	59	1213	3.558 ug/l	#	77
16) Acetone	3.954	43	937	1.315 ug/l		91
20) Methylene Chloride	4.710	84	31020	9.023 ug/l		93
36) 1,1-Dichloropropene	7.783	75	20690	4.529 ug/l	#	50
38) Carbon Tetrachloride	7.783	117	26648	5.660 ug/l	#	16
76) 1,2,3-Trichloropropane	12.477	75	101864	42.742 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	101864	89.165 ug/l	#	7

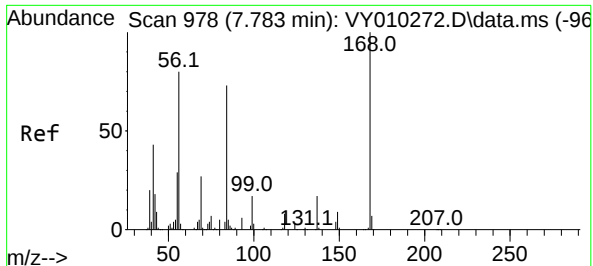
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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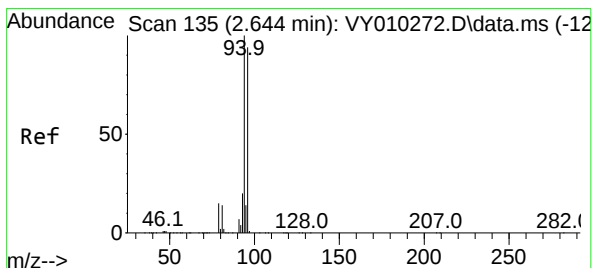
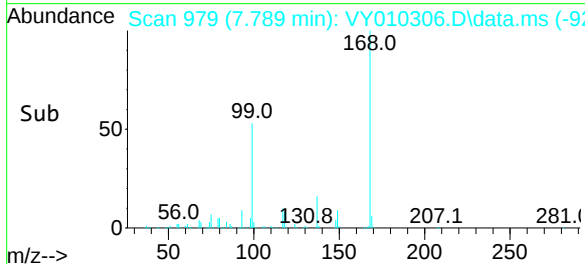
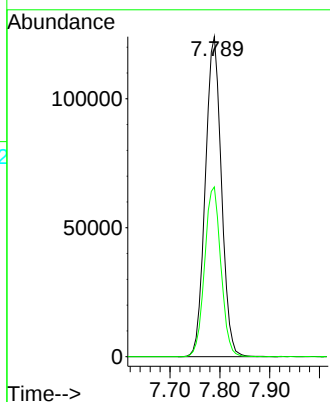
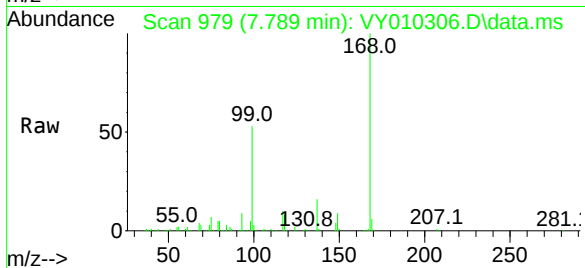




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

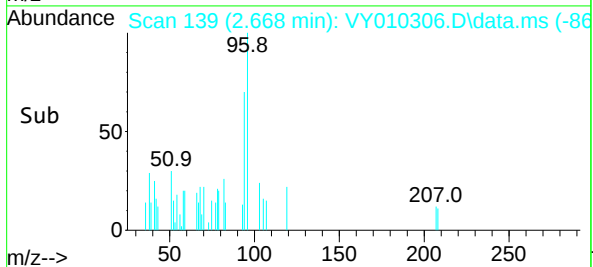
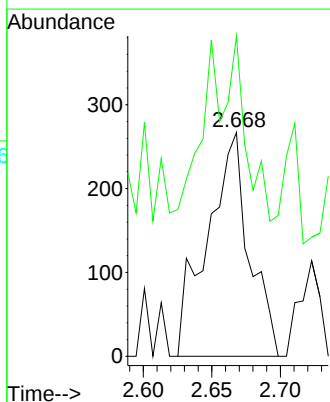
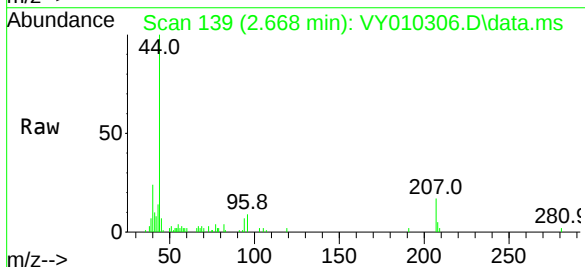
Instrument :
MSVOA_Y
ClientSampleId :

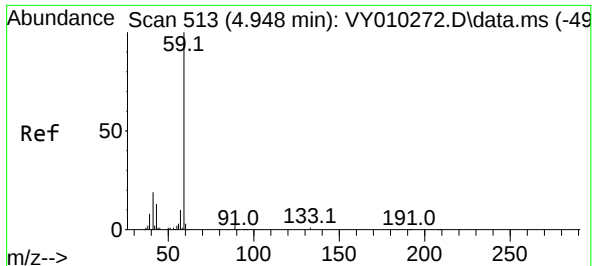
Tgt Ion:168 Resp: 277926
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.024 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

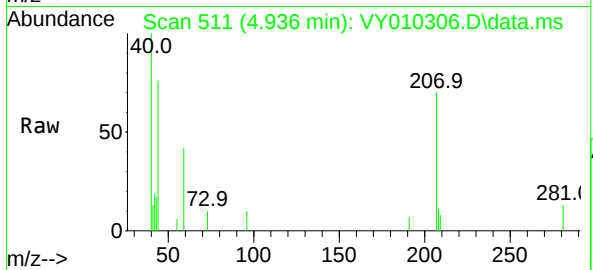
Tgt Ion: 94 Resp: 566
Ion Ratio Lower Upper
94 100
96 80.1 73.5 110.3



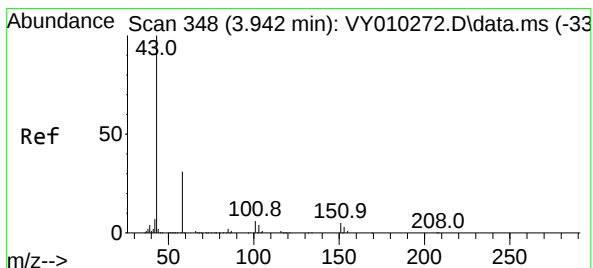
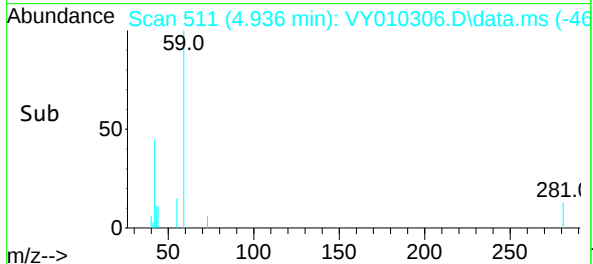
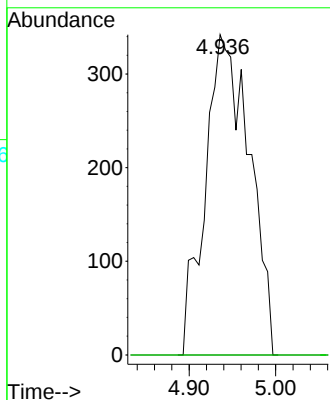


#11
Tert butyl alcohol
Concen: 3.558 ug/l
RT: 4.936 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

Instrument :
MSVOA_Y
ClientSampleId :

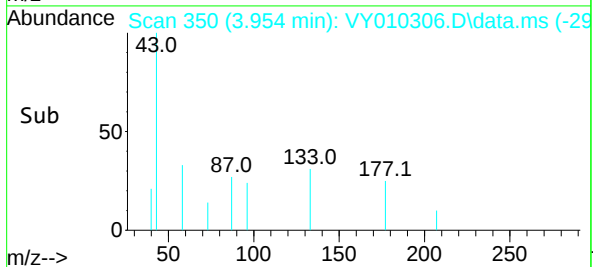
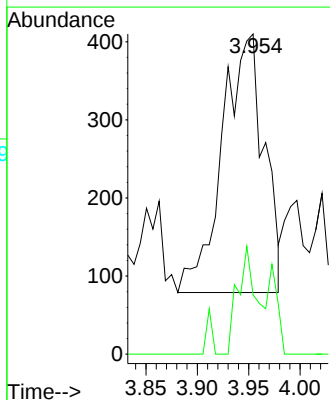
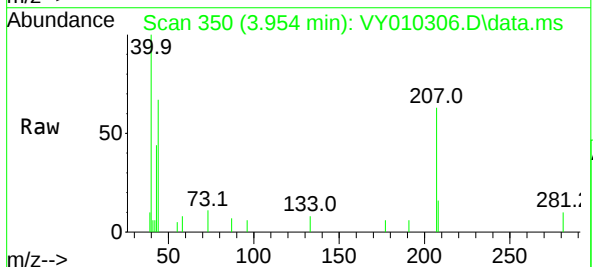


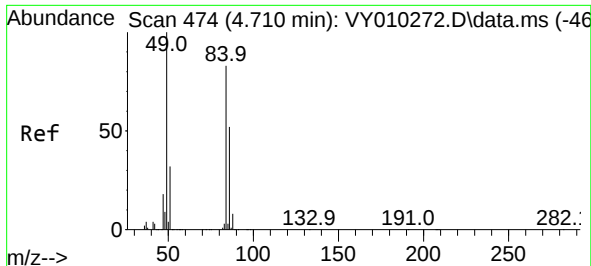
Tgt Ion: 59 Resp: 1213
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.315 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

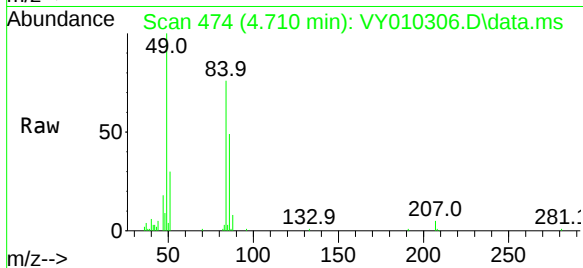
Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 23.0 22.0 33.0



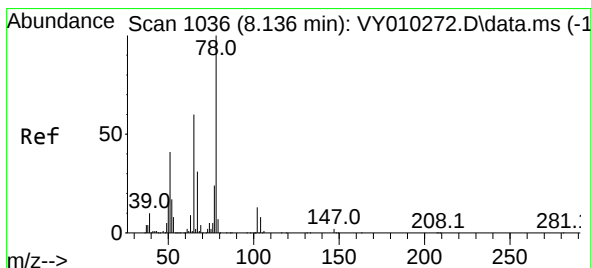
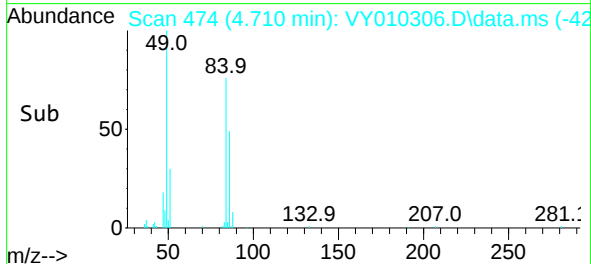
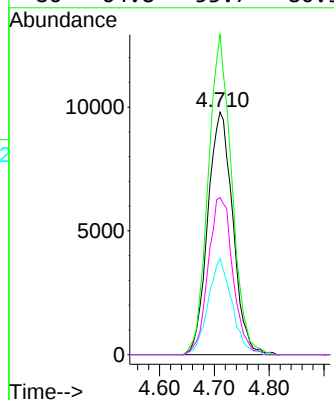


#20
Methylene Chloride
Concen: 9.023 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

Instrument :
MSVOA_Y
ClientSampleId :

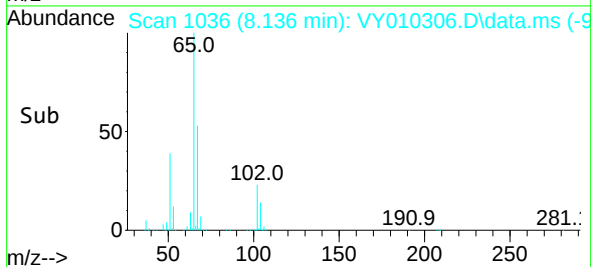
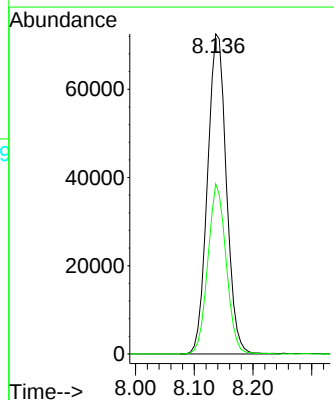
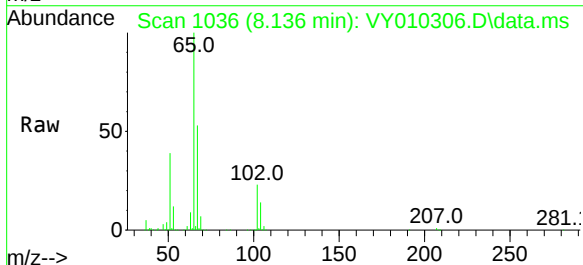


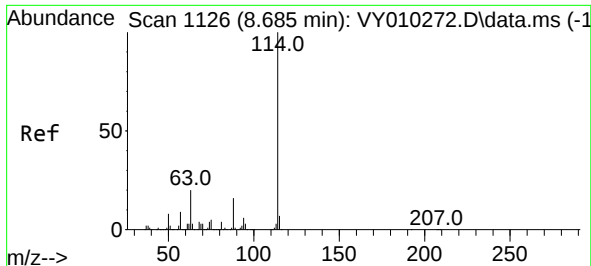
Tgt Ion: 84 Resp: 31020
Ion Ratio Lower Upper
84 100
49 131.9 114.4 171.6
51 39.6 35.3 52.9
86 64.8 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 56.842 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

Tgt Ion: 65 Resp: 161990
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4

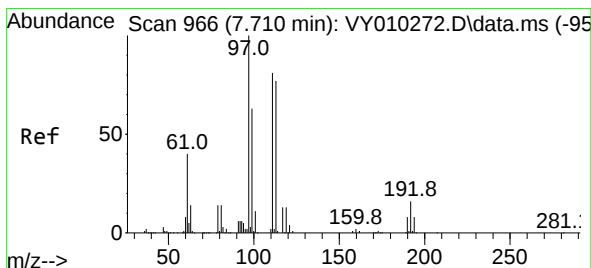
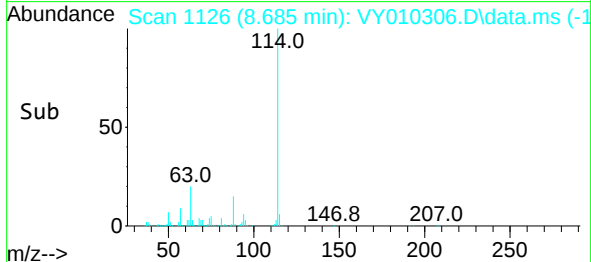
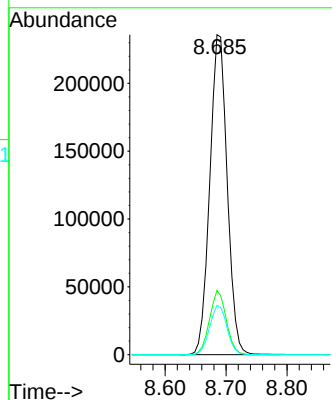
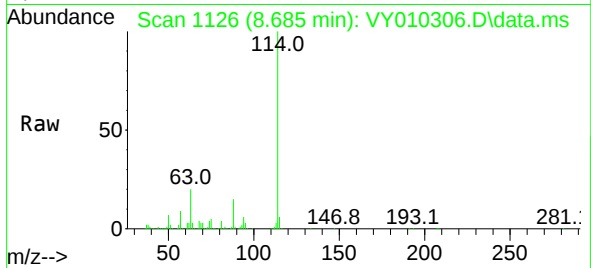




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

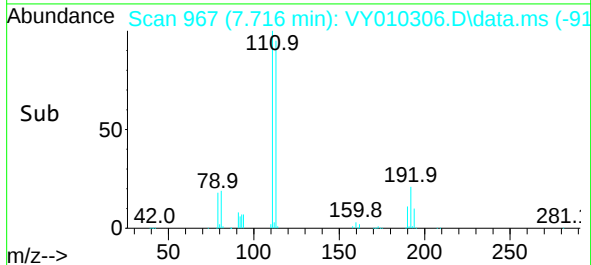
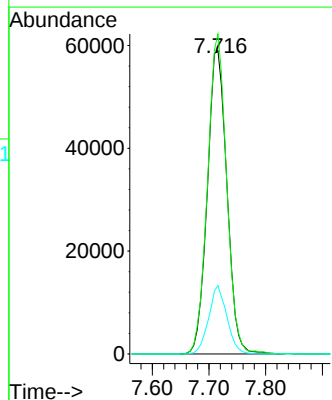
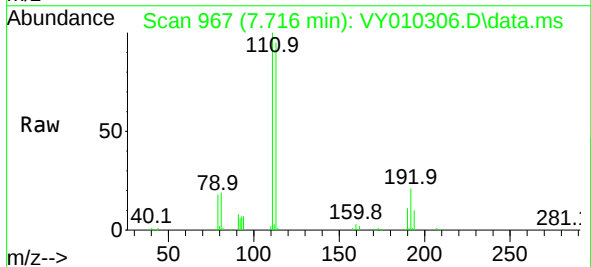
Instrument :
MSVOA_Y
ClientSampleId :

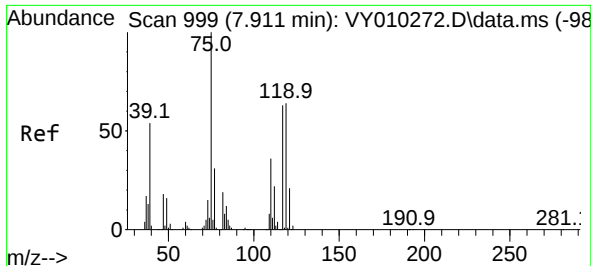
Tgt Ion:114 Resp: 467694
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.642 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

Tgt Ion:113 Resp: 142109
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.529 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

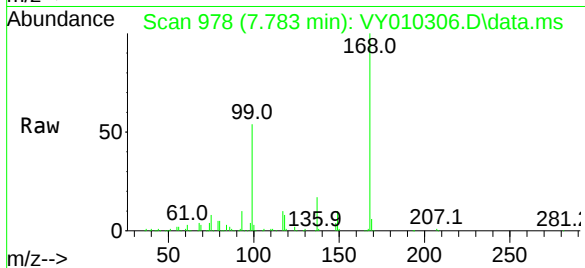
Lab File: VY010306.D

Acq: 03 Sep 2022 03:22

Instrument :

MSVOA_Y

ClientSampleId :



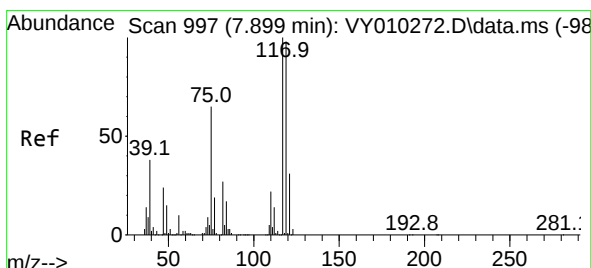
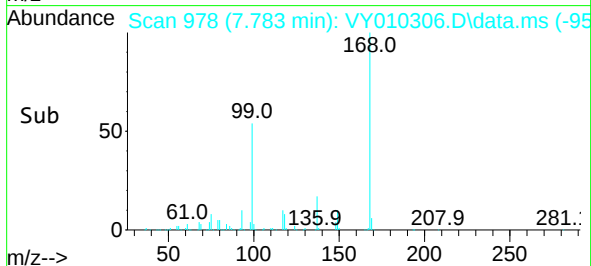
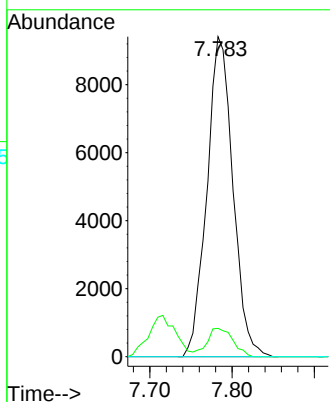
Tgt Ion: 75 Resp: 20690

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.660 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY010306.D

Acq: 03 Sep 2022 03:22

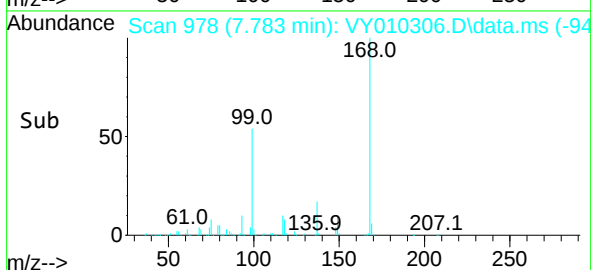
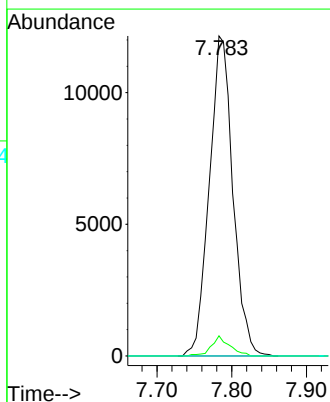
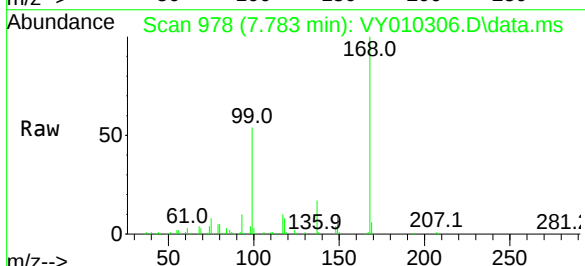
Tgt Ion: 117 Resp: 26648

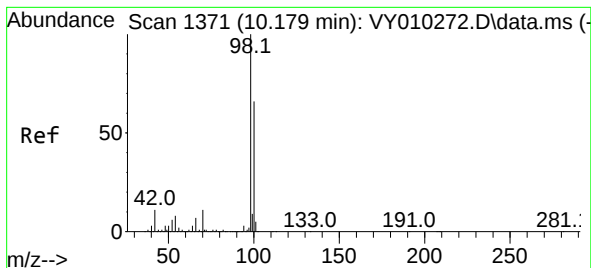
Ion Ratio Lower Upper

117 100

119 6.3 77.9 116.9#

121 0.0 24.8 37.2#

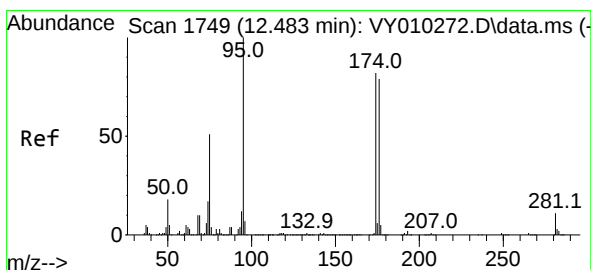
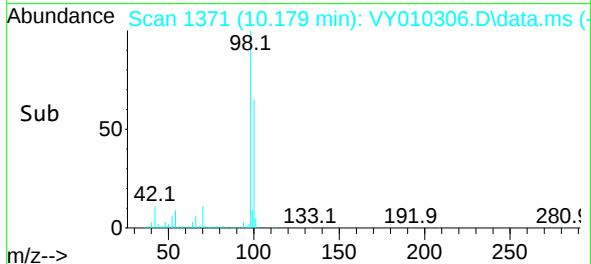
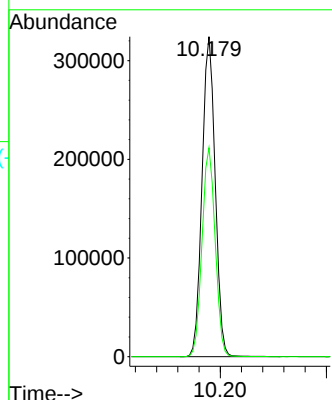
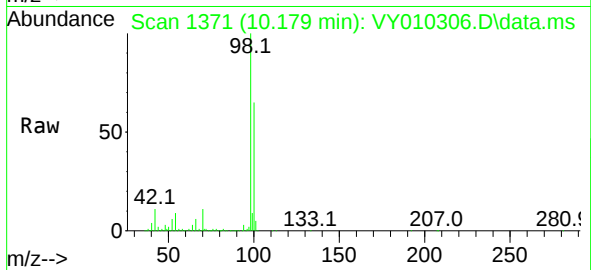




#50
Toluene-d8
Concen: 53.349 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

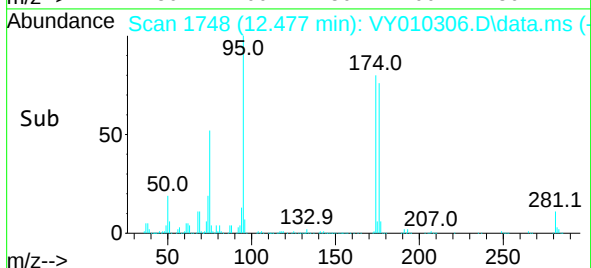
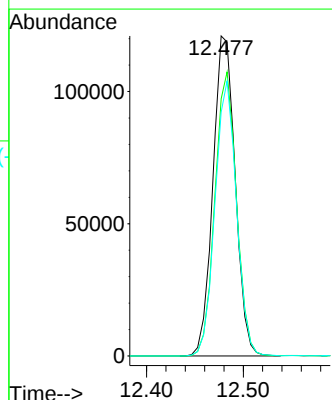
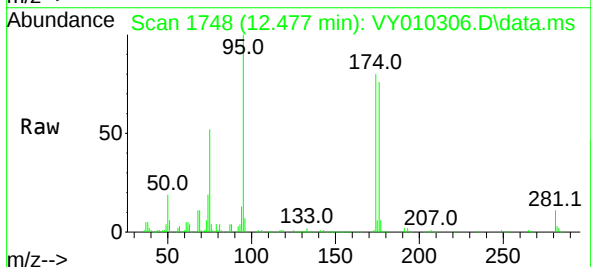
Instrument :
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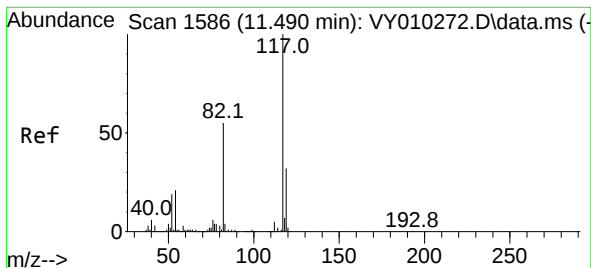
Tgt Ion: 98 Resp: 556121
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.828 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

Tgt Ion: 95 Resp: 193517
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 82.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

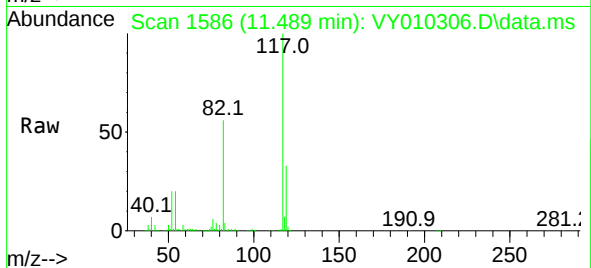
Lab File: VY010306.D

Acq: 03 Sep 2022 03:22

Instrument :

MSVOA_Y

ClientSampleId :



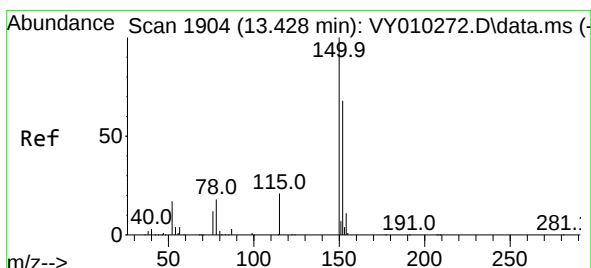
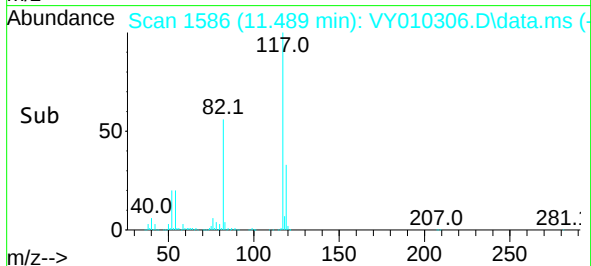
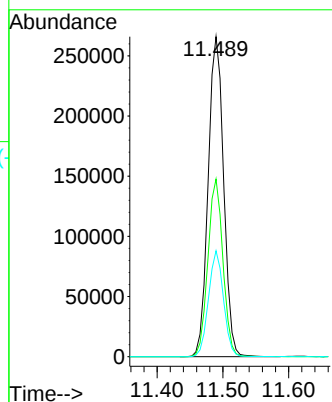
Tgt Ion:117 Resp: 435406

Ion Ratio Lower Upper

117 100

82 55.5 43.0 64.4

119 33.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010306.D

Acq: 03 Sep 2022 03:22

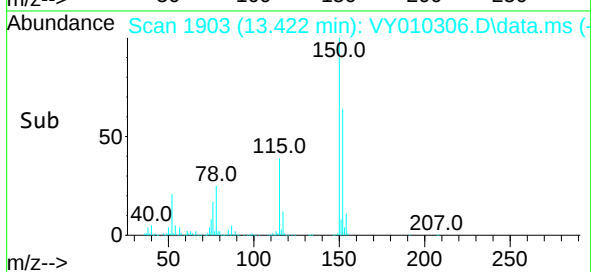
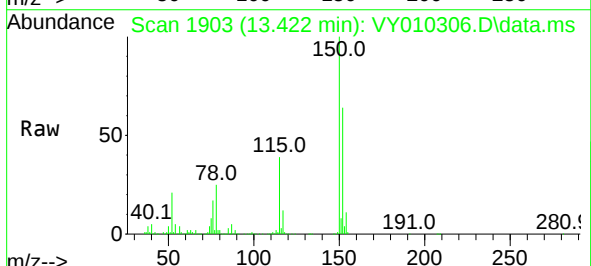
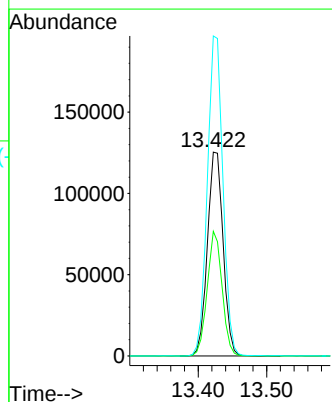
Tgt Ion:152 Resp: 200263

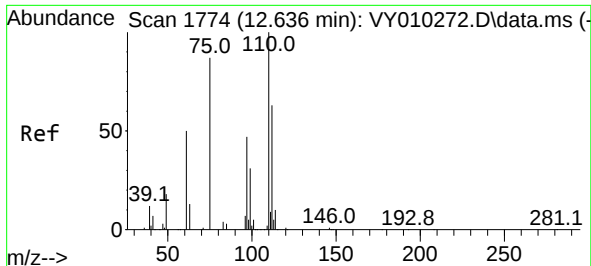
Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 155.3 0.0 347.6

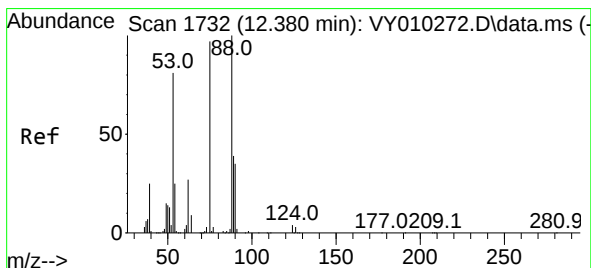
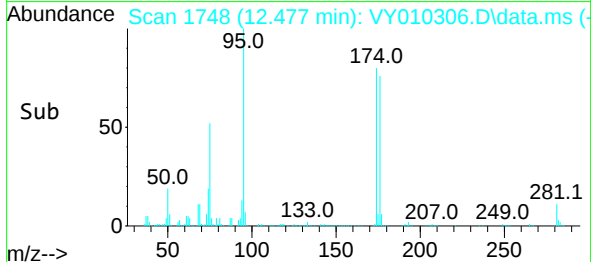
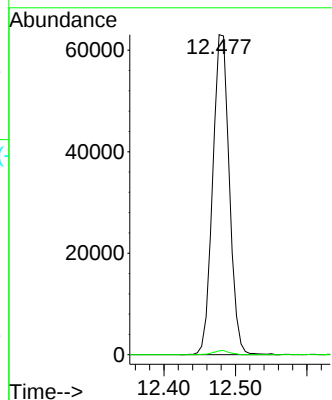
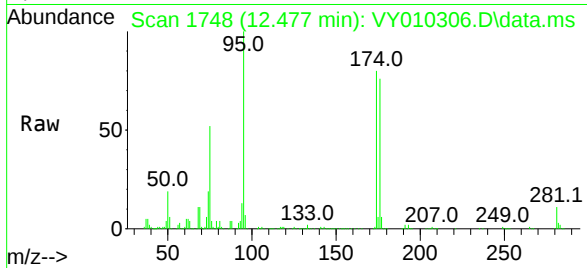




#76
1,2,3-Trichloropropane
Concen: 42.742 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 101864
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.165 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

Tgt Ion: 75 Resp: 101864
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.5 37.0 55.4#

