

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008973.D
 Acq On : 22 May 2022 01:54
 Operator : KP/MD
 Sample : N2887-03
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P030-SS003-0006-01

Quant Time: May 22 02:42:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

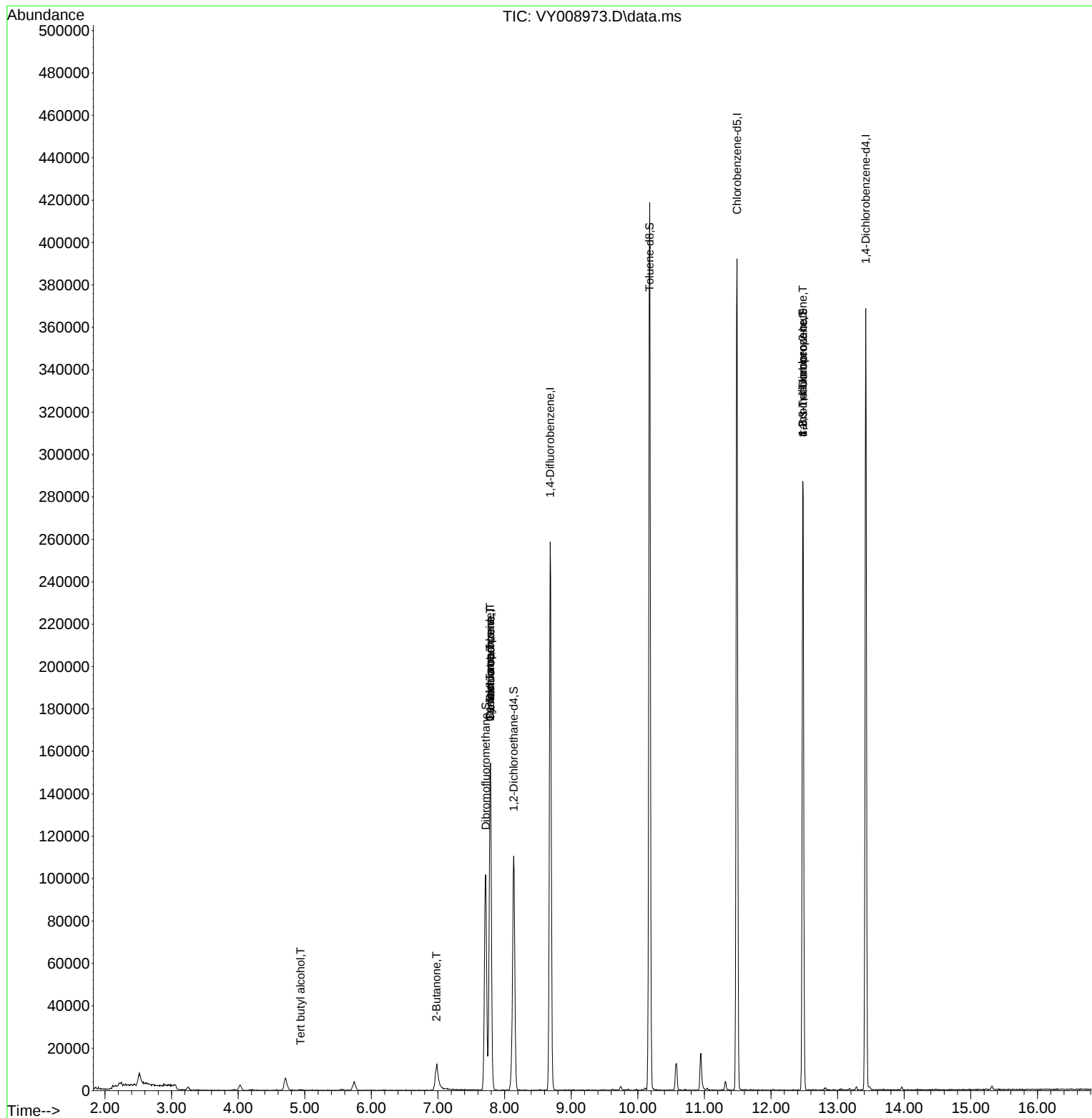
Internal Standards						
1) Pentafluorobenzene	7.789	168	118590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	206903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78554	64.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.720%	
35) Dibromofluoromethane	7.716	113	69316	51.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.600%	
50) Toluene-d8	10.179	98	268391	54.368	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.740%	
62) 4-Bromofluorobenzene	12.477	95	76998	38.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	291	2.351	ug/l #	77
20) Methylene Chloride	4.710	84	3973	Below Cal	#	81
25) 2-Butanone	6.978	43	723	1.593	ug/l #	54
31) Cyclohexane	7.783	56	2995	1.254	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	10239	4.496	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11811	4.958	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	45278	47.805	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45278	98.120	ug/l #	7

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

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P030-SS003-0006-01

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

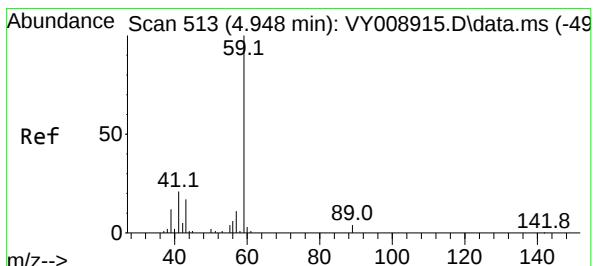
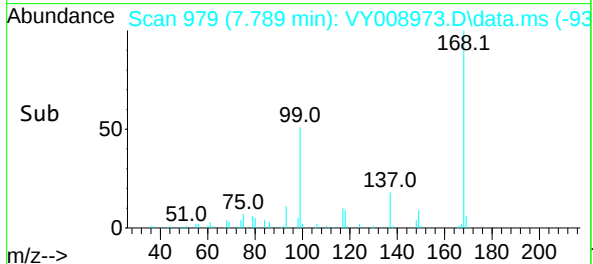
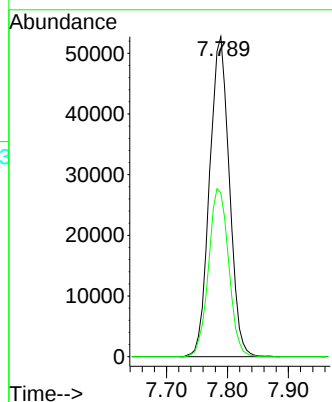
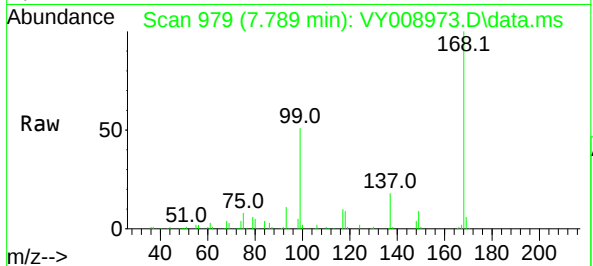




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

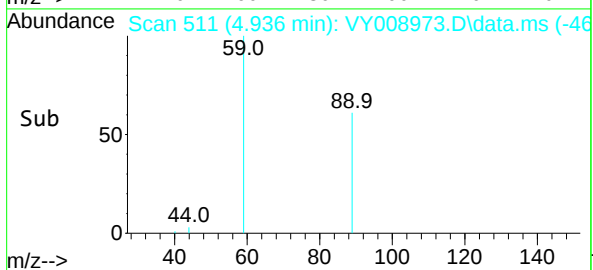
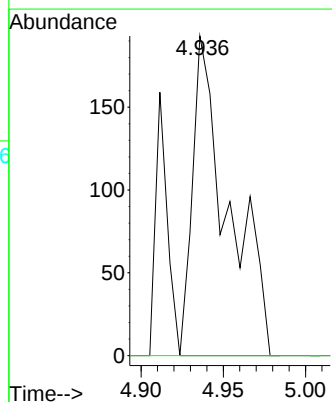
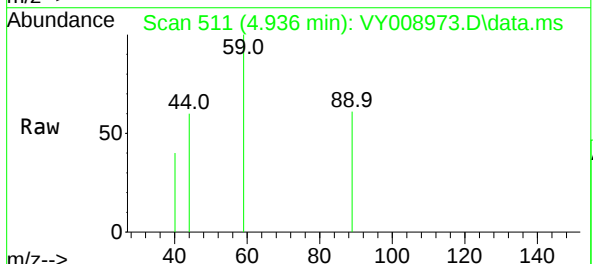
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS003-0006-01

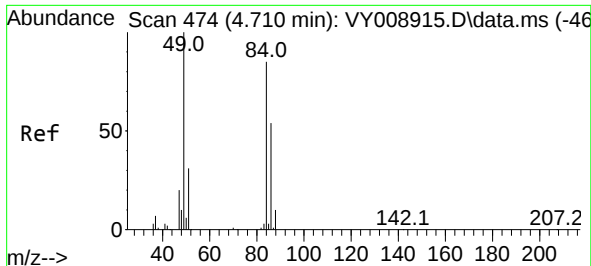
Tgt Ion:168 Resp: 118590
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.351 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

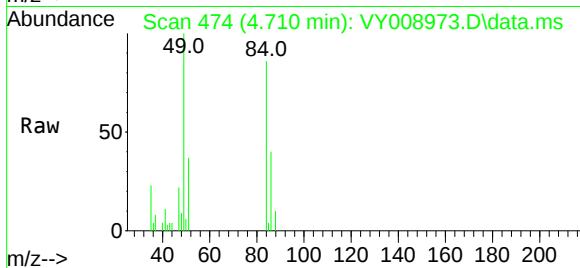
Tgt Ion: 59 Resp: 291
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



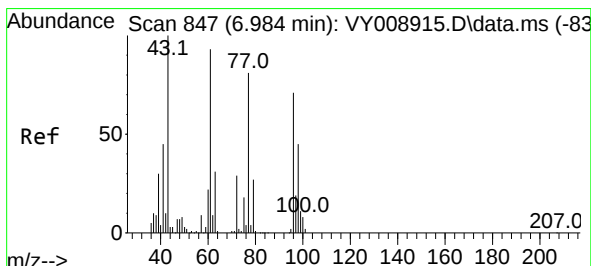
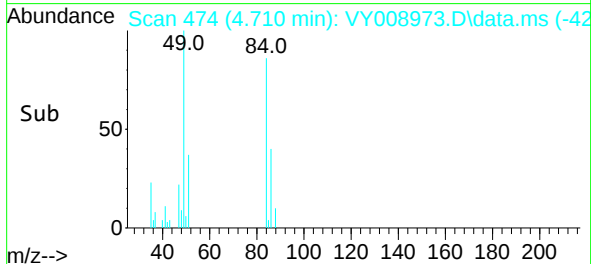
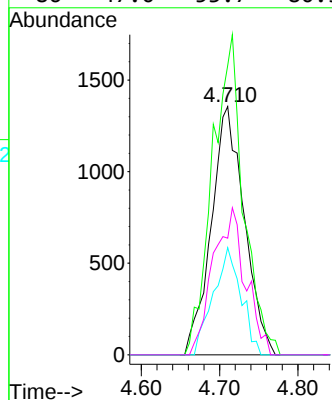


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

Instrument :
MSVOA_Y
ClientSampleId :
P030-SS003-0006-01

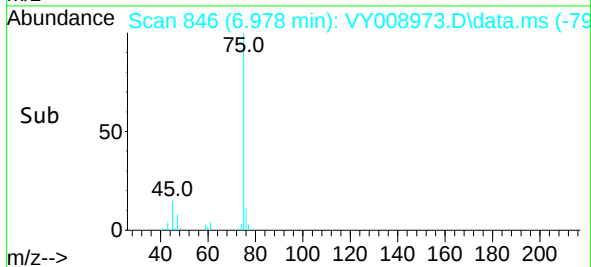
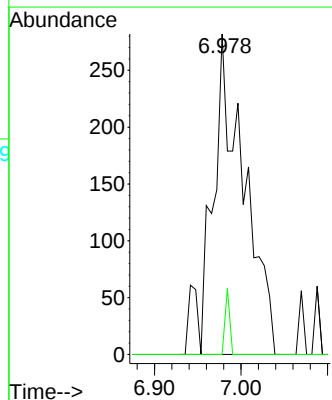
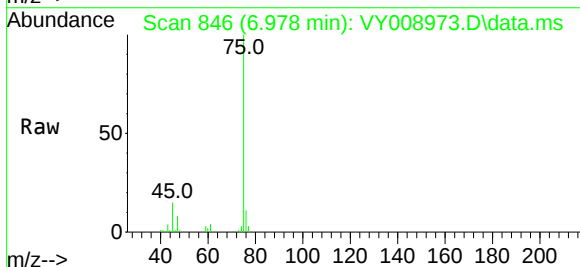


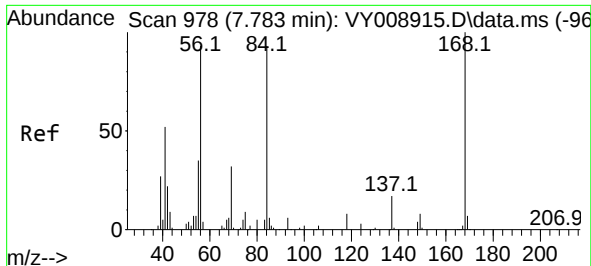
Tgt Ion: 84 Resp: 3973
Ion Ratio Lower Upper
84 100
49 116.5 114.4 171.6
51 43.1 35.3 52.9
86 47.0 53.7 80.5#



#25
2-Butanone
Concen: 1.593 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

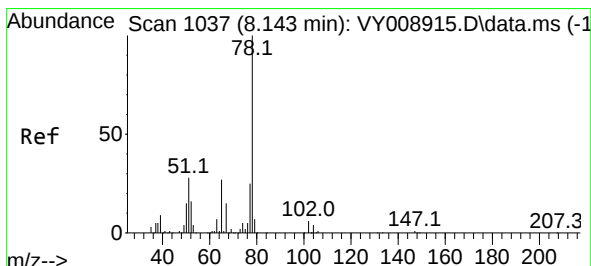
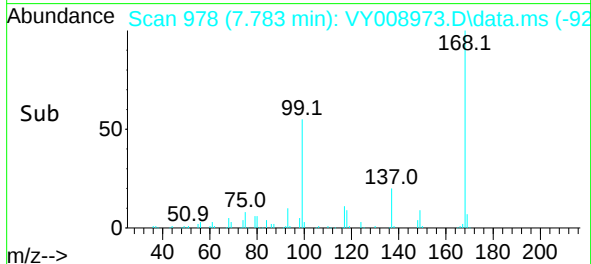
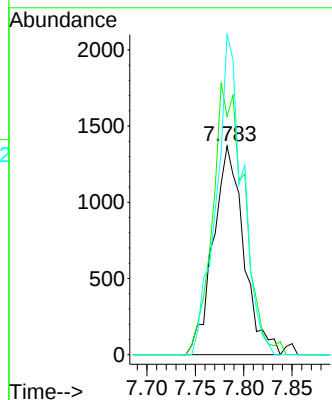
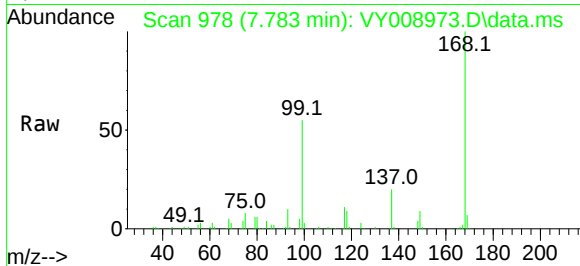




#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

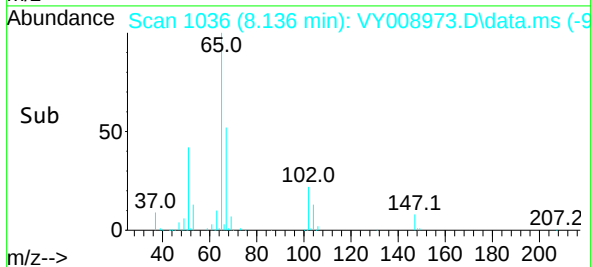
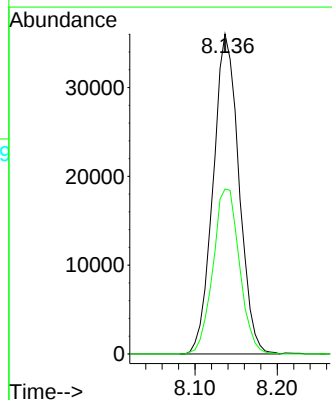
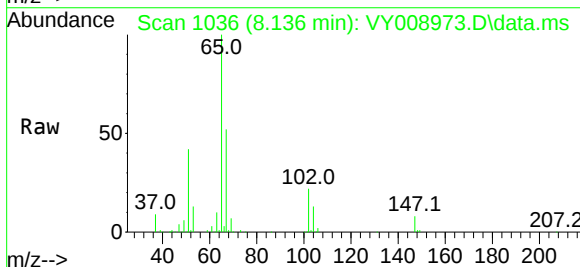
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS003-0006-01

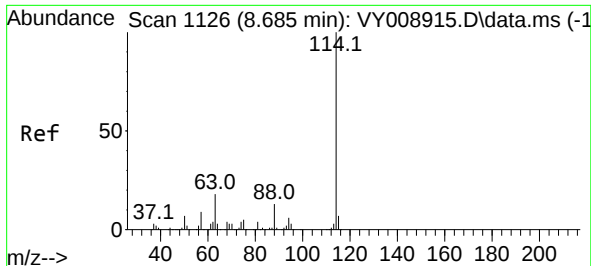
Tgt Ion: 56 Resp: 2995
Ion Ratio Lower Upper
56 100
69 114.4 26.7 40.1#
84 153.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.362 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

Tgt Ion: 65 Resp: 78554
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

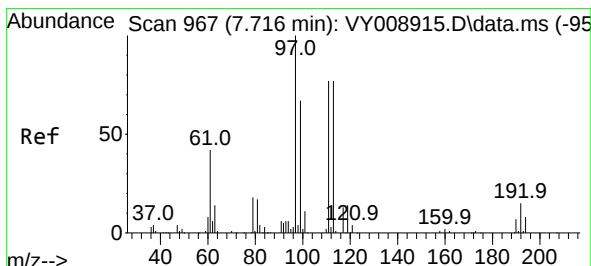
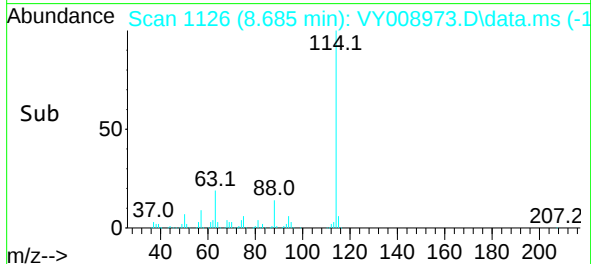
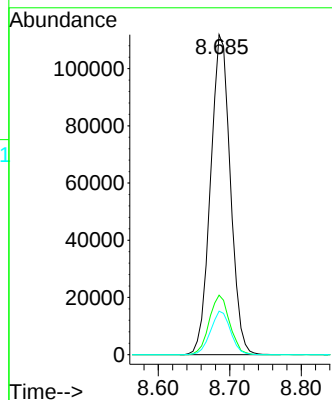
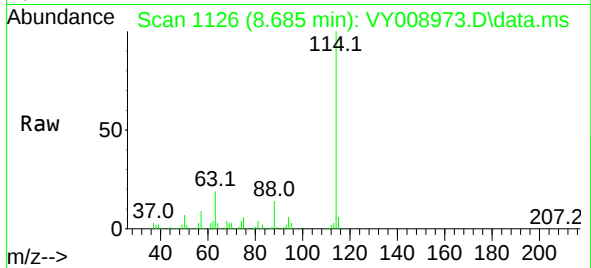




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

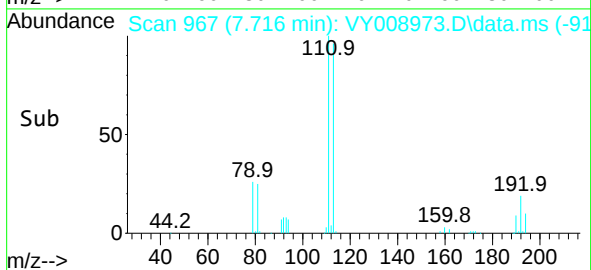
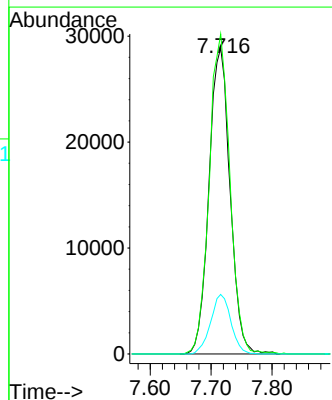
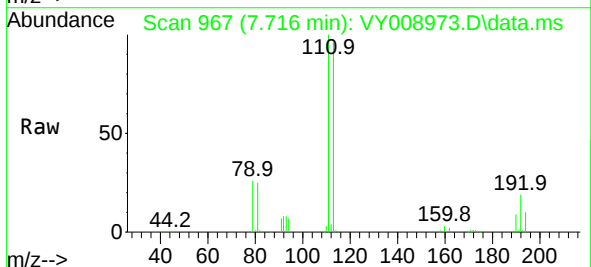
Instrument :
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ClientSampleId :
P030-SS003-0006-01

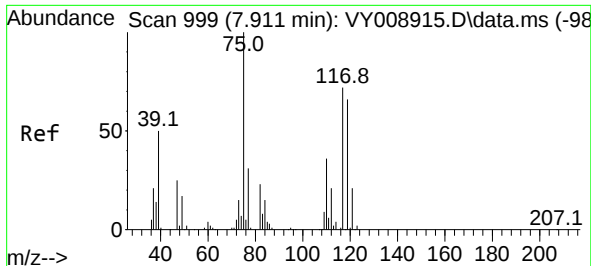
Tgt Ion:114 Resp: 215187
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.2
88 13.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.801 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

Tgt Ion:113 Resp: 69316
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.8 17.6 26.4

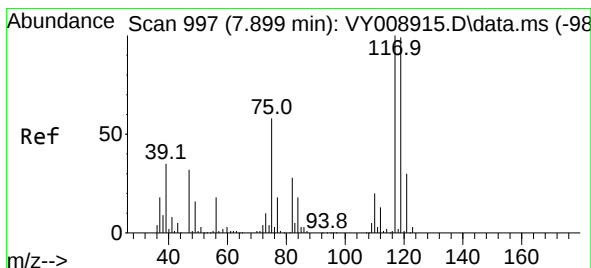
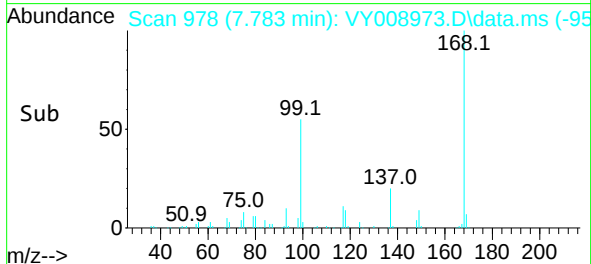
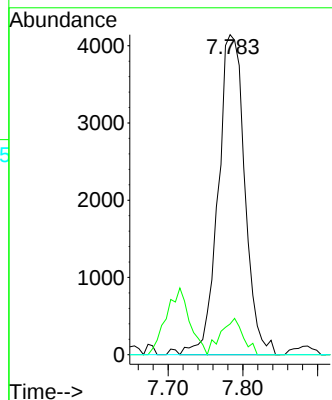
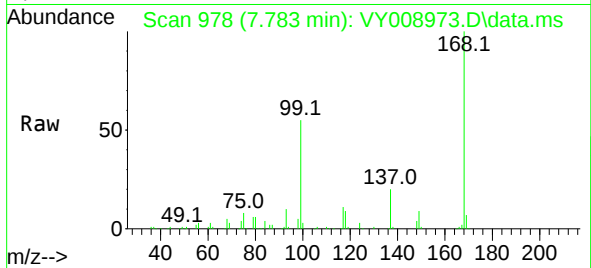




#36
1,1-Dichloropropene
Concen: 4.496 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

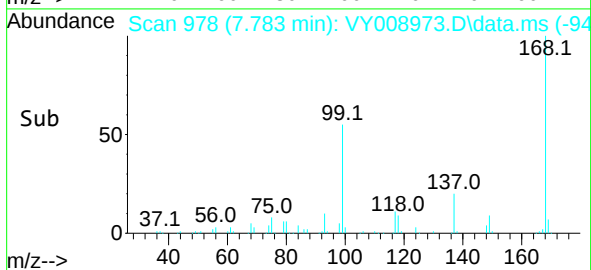
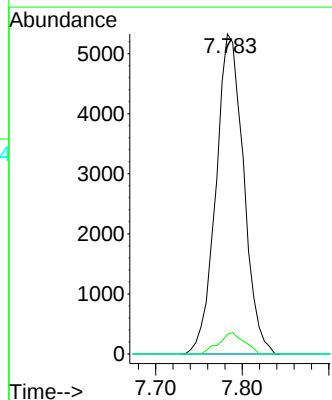
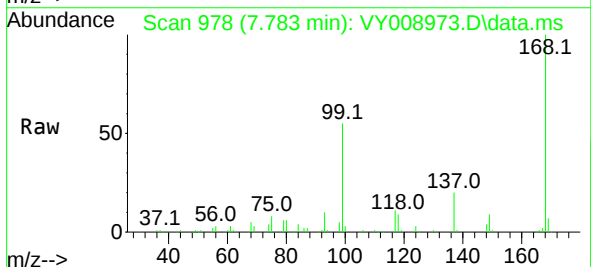
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS003-0006-01

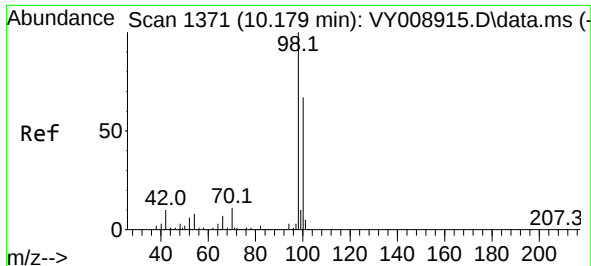
Tgt Ion: 75 Resp: 10239
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.958 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

Tgt Ion: 117 Resp: 11811
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#

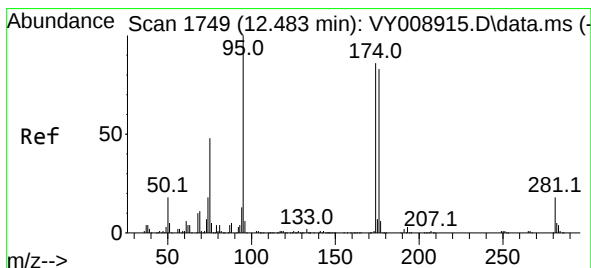
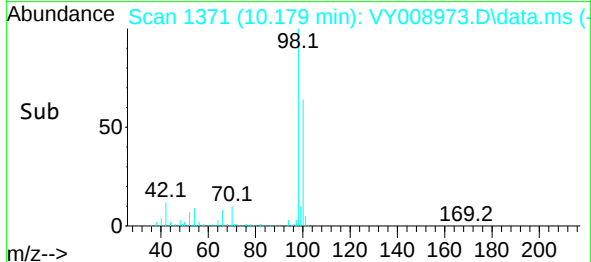
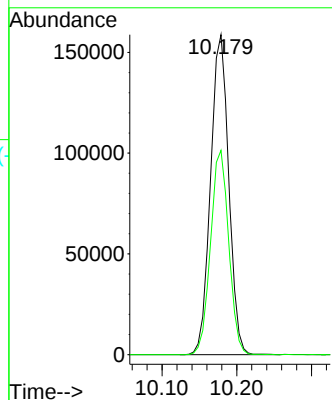
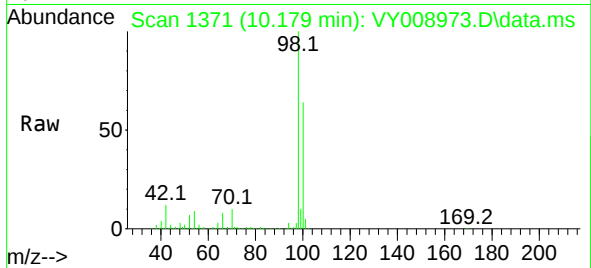




#50
Toluene-d8
Concen: 54.368 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

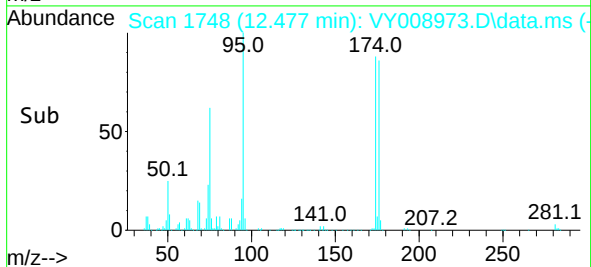
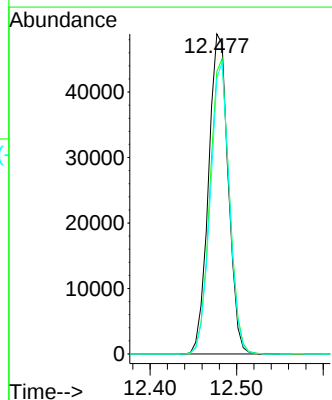
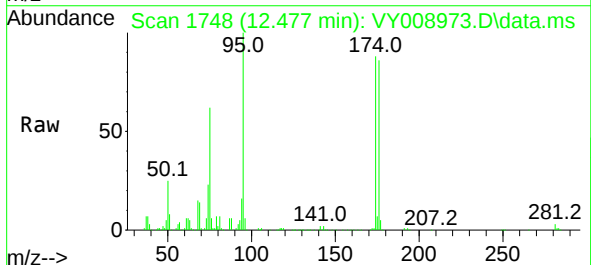
Instrument :
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P030-SS003-0006-01

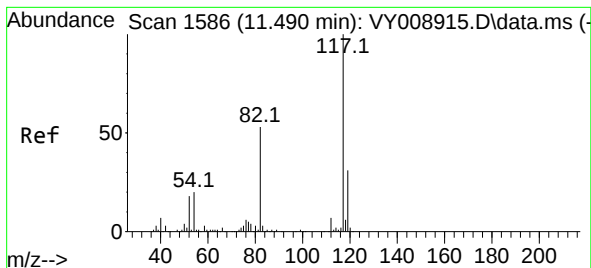
Tgt Ion: 98 Resp: 268391
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.666 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

Tgt Ion: 95 Resp: 76998
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.0
176 87.9 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: VY008973.D

Acq: 22 May 2022 01:54

Instrument :

MSVOA_Y

ClientSampleId :

P030-SS003-0006-01

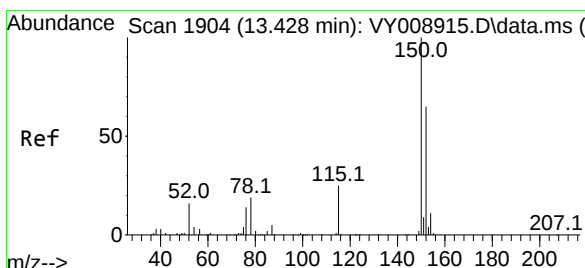
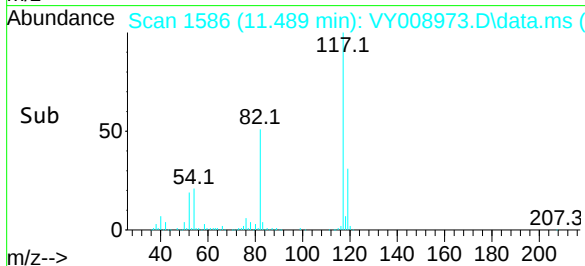
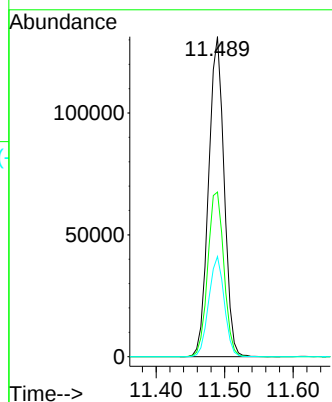
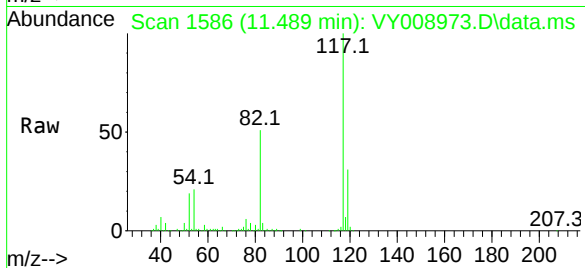
Tgt Ion:117 Resp: 206903

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.4

119 31.3 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: VY008973.D

Acq: 22 May 2022 01:54

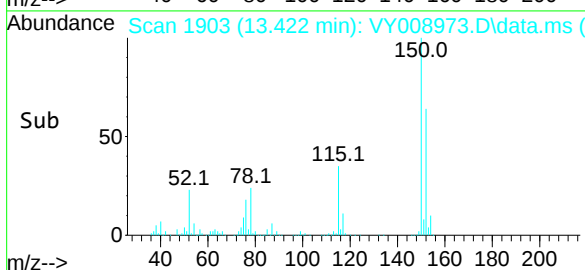
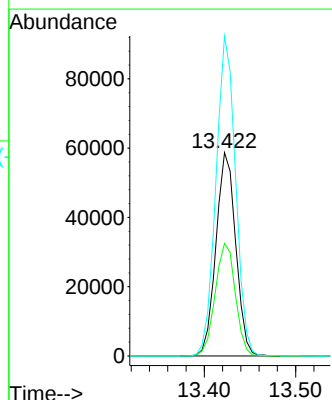
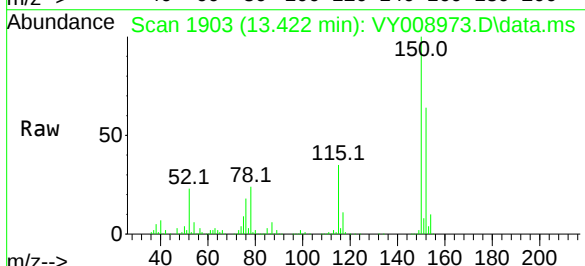
Tgt Ion:152 Resp: 88198

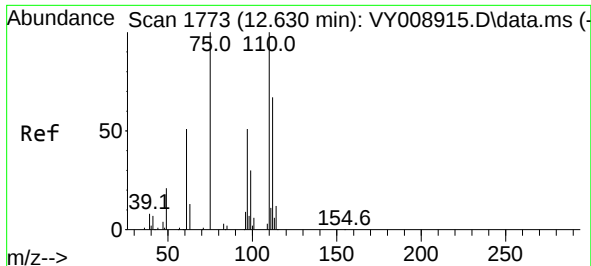
Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 156.4 0.0 347.6

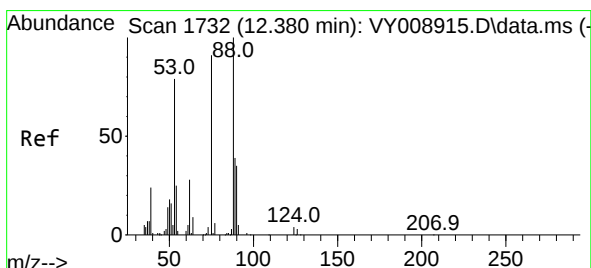
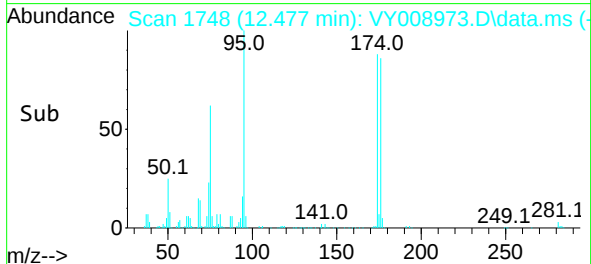
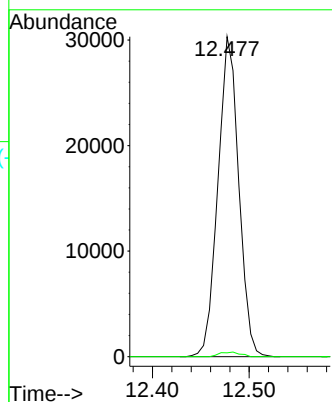
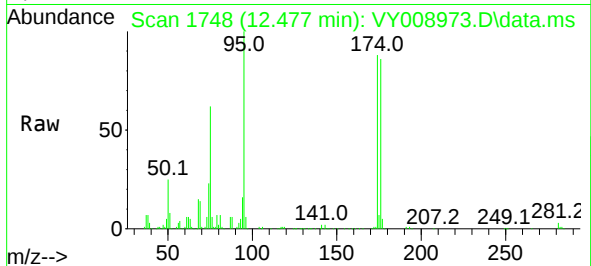




#76
1,2,3-Trichloropropane
Concen: 47.805 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

Instrument :
MSVOA_Y
ClientSampleId :
P030-SS003-0006-01

Tgt Ion: 75 Resp: 45278
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.120 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008973.D
Acq: 22 May 2022 01:54

Tgt Ion: 75 Resp: 45278
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

