

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008989.D
 Acq On : 22 May 2022 08:09
 Operator : KP/MD
 Sample : N2887-22
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-0006-01

Quant Time: May 23 02:28:18 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)

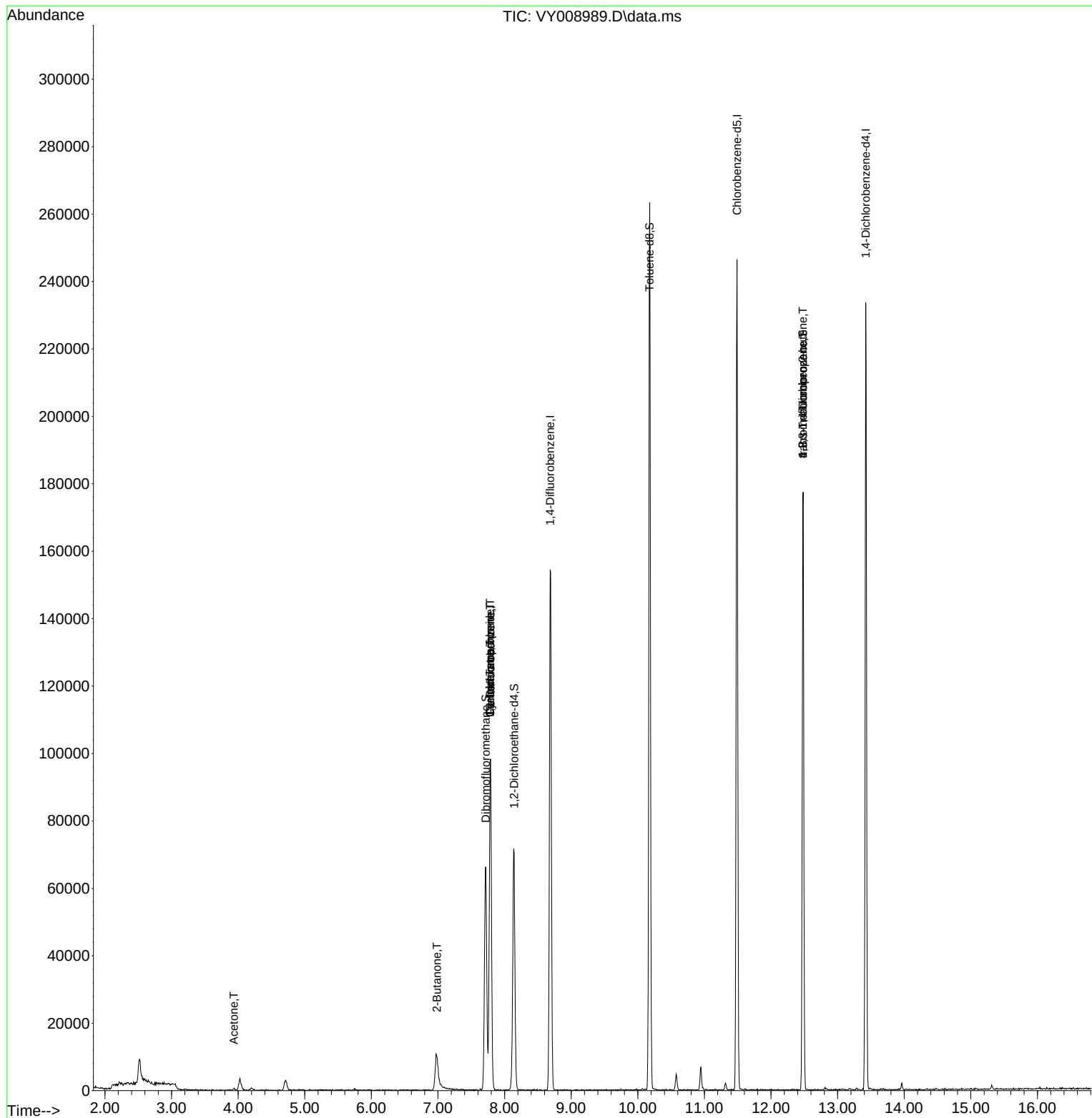
Internal Standards						
1) Pentafluorobenzene	7.789	168	74179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	134328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51626	67.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.240%	
35) Dibromofluoromethane	7.716	113	44878	53.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.460%	
50) Toluene-d8	10.179	98	168107	54.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.100%	
62) 4-Bromofluorobenzene	12.477	95	48528	39.039	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.080%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	472	2.970	ug/l #	47
20) Methylene Chloride	4.704	84	1113	Below Cal	#	79
25) 2-Butanone	6.984	43	620	2.184	ug/l #	54
31) Cyclohexane	7.783	56	1952	1.307	ug/l #	24
36) 1,1-Dichloropropene	7.783	75	6696	4.710	ug/l #	49
38) Carbon Tetrachloride	7.783	117	7928	5.331	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	27457	46.906	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27457	96.275	ug/l #	7

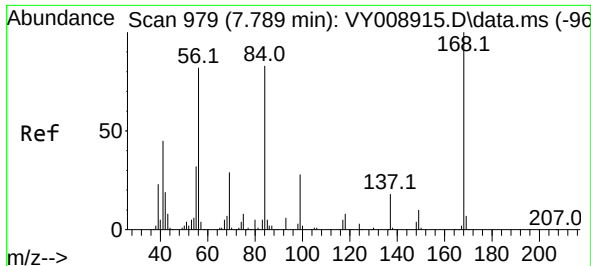
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

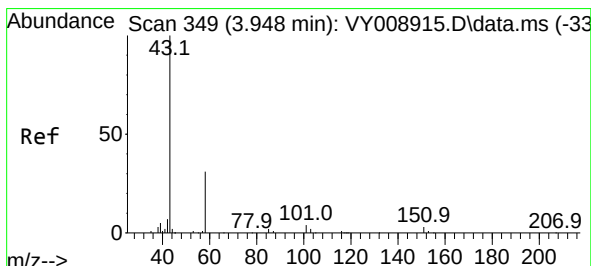
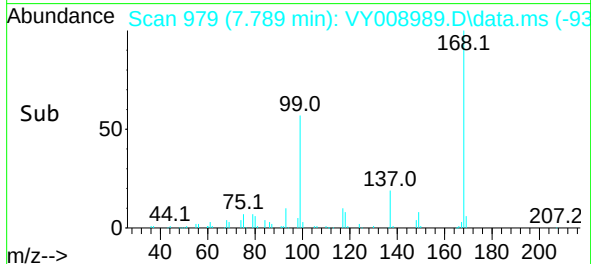
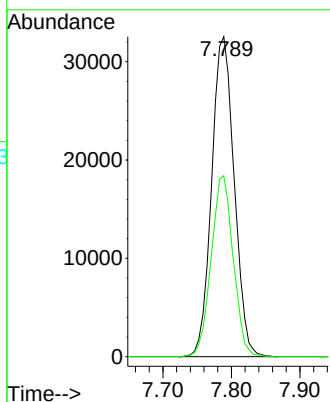
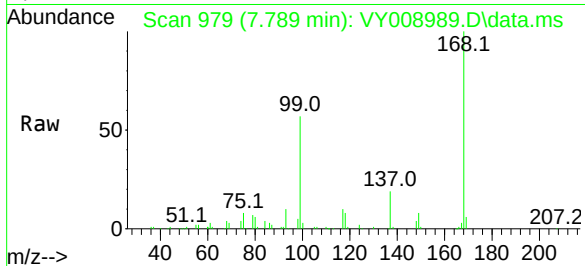




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

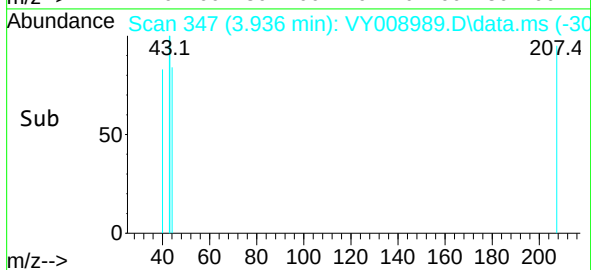
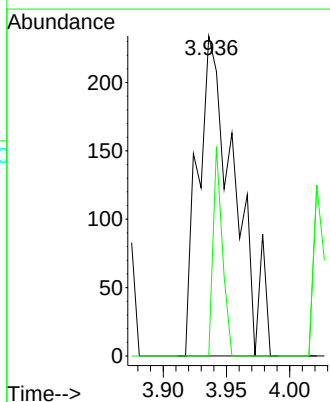
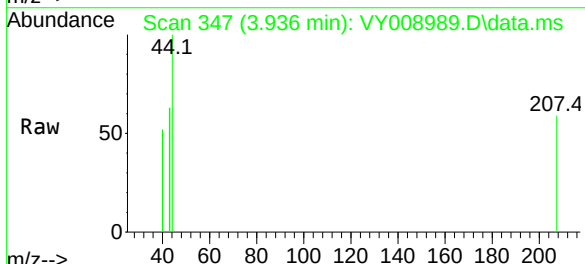
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01

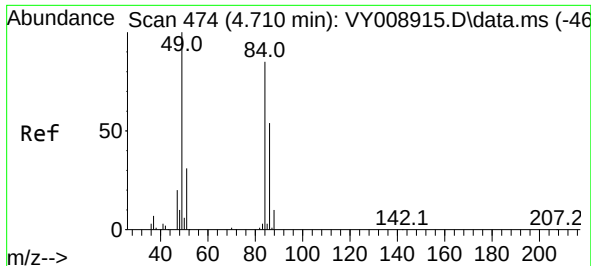
Tgt Ion:168 Resp: 74179
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#16
Acetone
Concen: 2.970 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

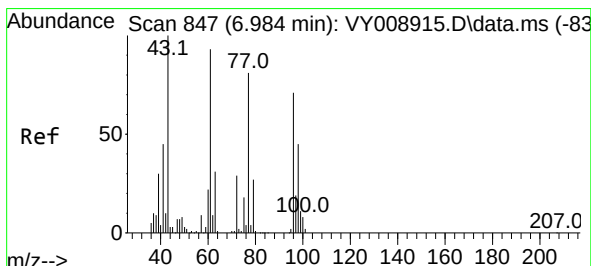
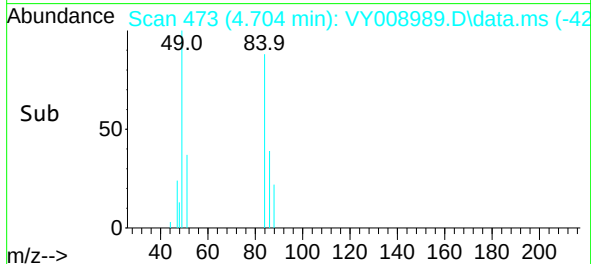
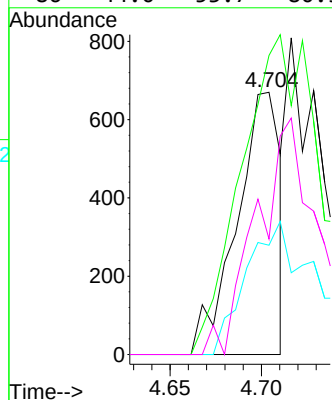
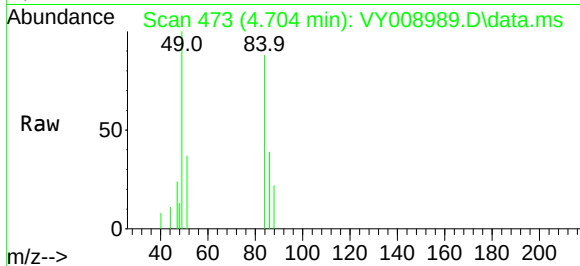




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

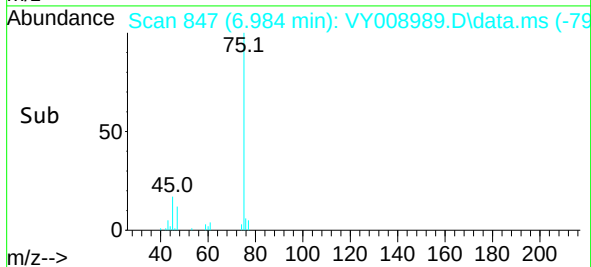
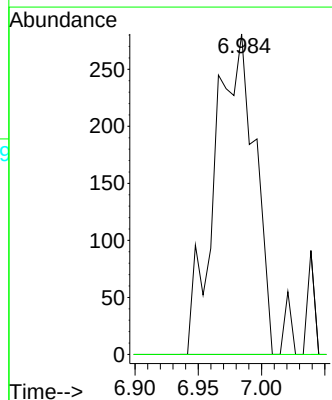
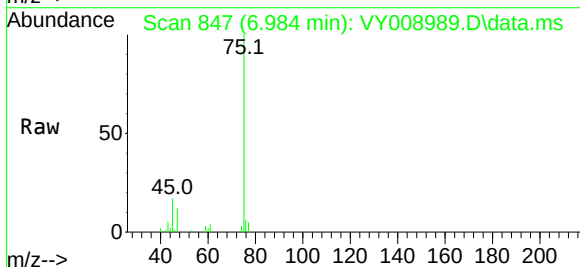
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01

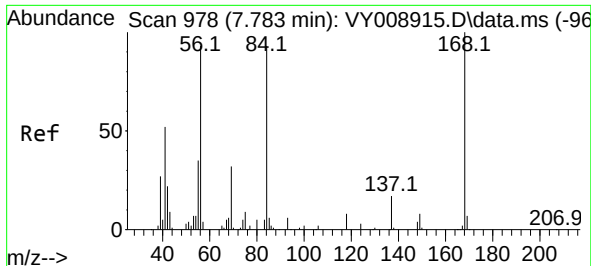
Tgt Ion: 84 Resp: 1113
Ion Ratio Lower Upper
84 100
49 114.0 114.4 171.6#
51 41.6 35.3 52.9
86 44.0 53.7 80.5#



#25
2-Butanone
Concen: 2.184 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

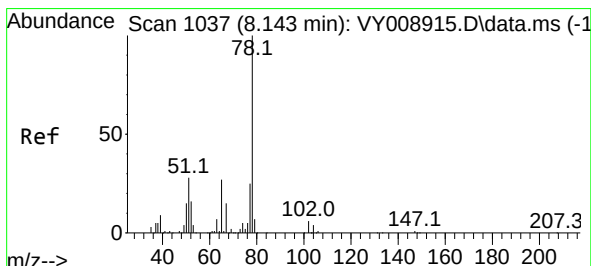
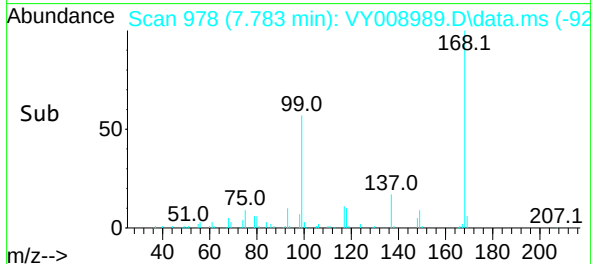
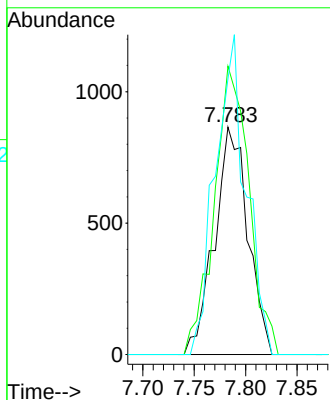
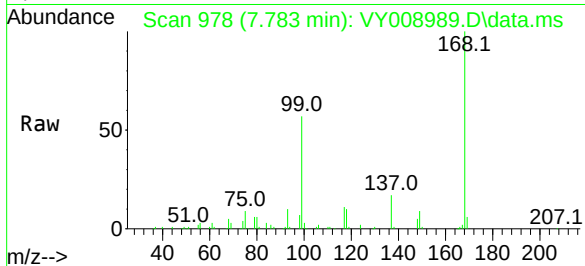




#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

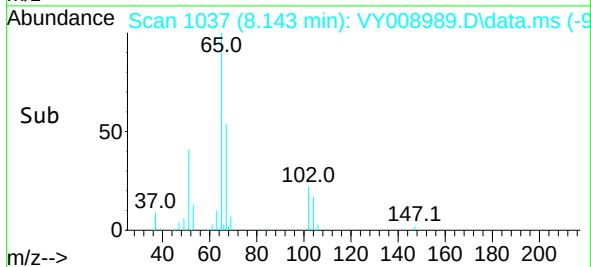
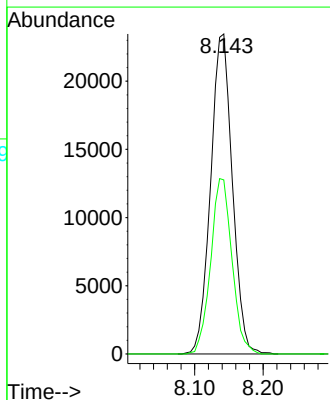
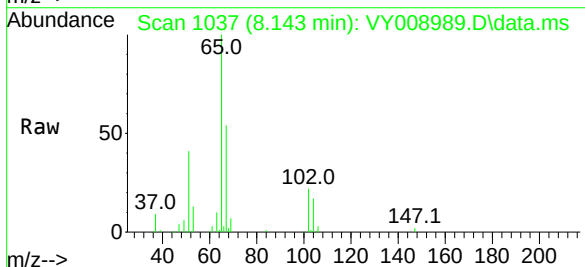
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01

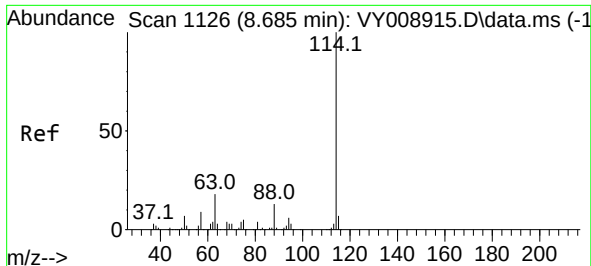
Tgt Ion: 56 Resp: 1952
Ion Ratio Lower Upper
56 100
69 126.8 26.7 40.1#
84 121.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.623 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Tgt Ion: 65 Resp: 51626
Ion Ratio Lower Upper
65 100
67 53.8 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: VY008989.D

Acq: 22 May 2022 08:09

Instrument :

MSVOA_Y

ClientSampleId :

P041-SS001-0006-01

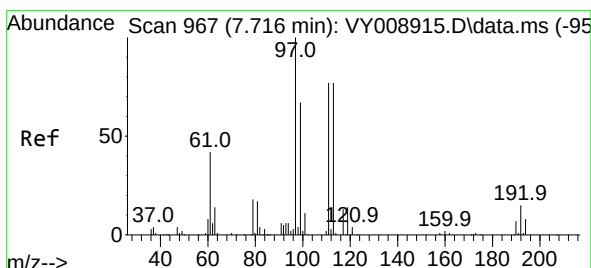
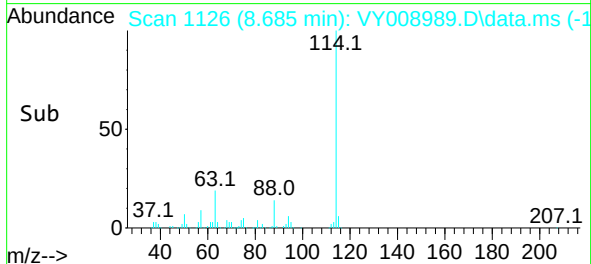
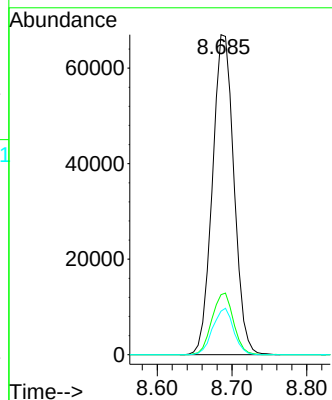
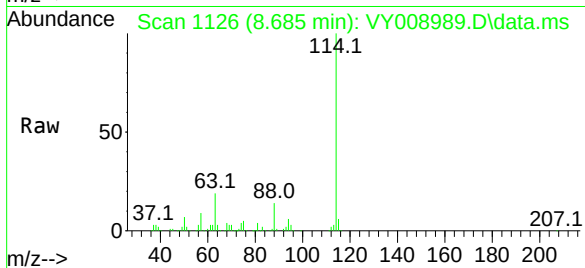
Tgt Ion:114 Resp: 134328

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.726 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008989.D

Acq: 22 May 2022 08:09

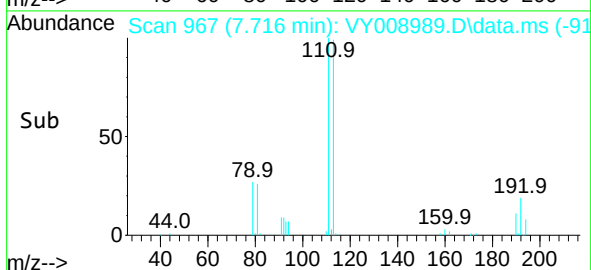
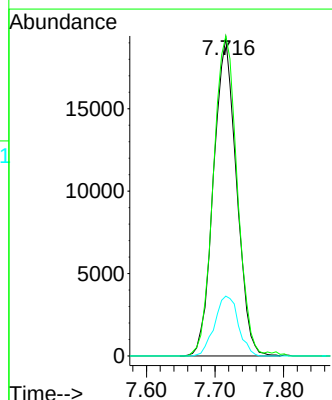
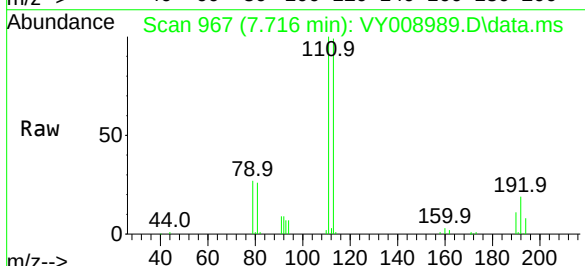
Tgt Ion:113 Resp: 44878

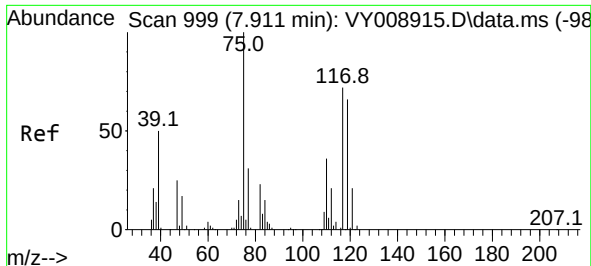
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 19.4 17.6 26.4

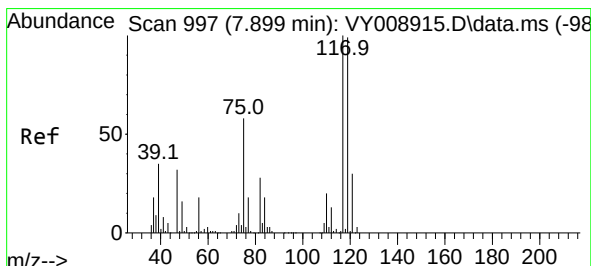
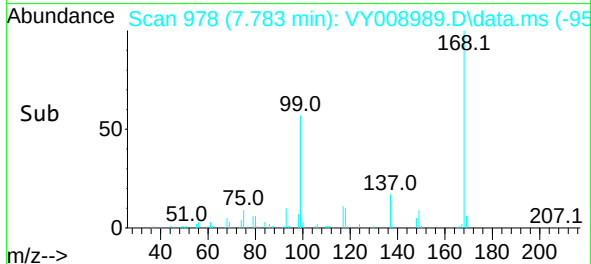
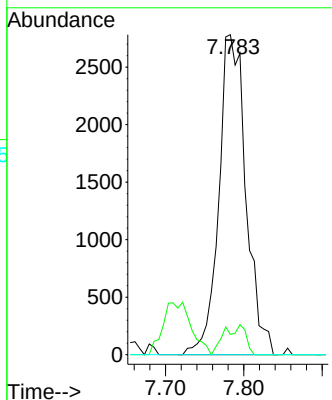
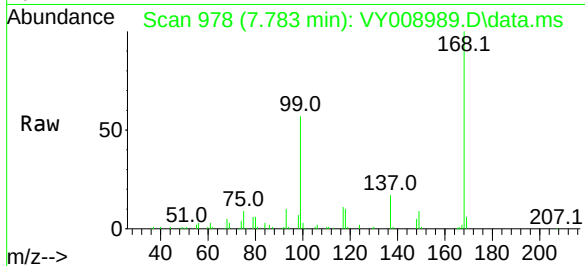




#36
1,1-Dichloropropene
Concen: 4.710 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

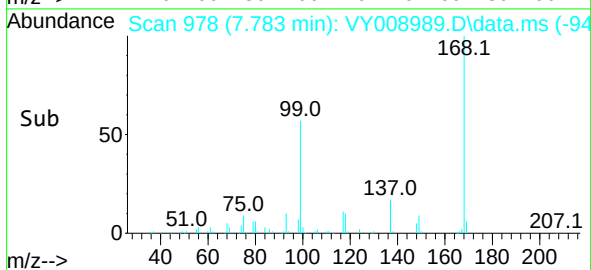
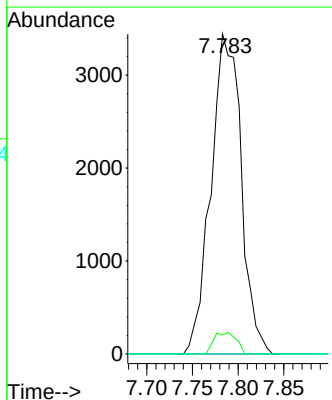
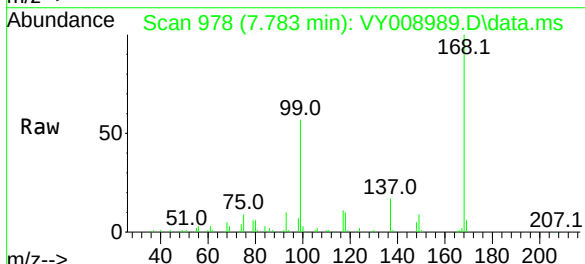
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01

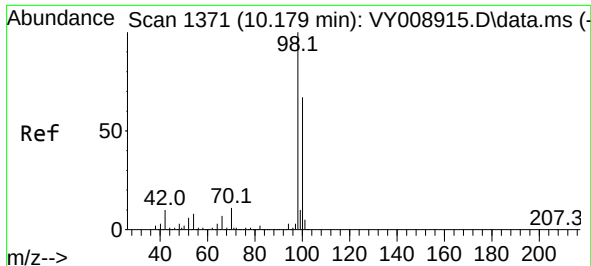
Tgt Ion: 75 Resp: 6696
Ion Ratio Lower Upper
75 100
110 7.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.331 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Tgt Ion: 117 Resp: 7928
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

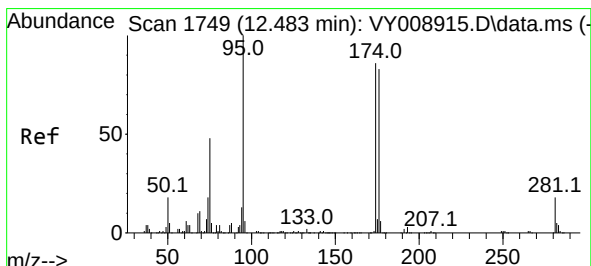
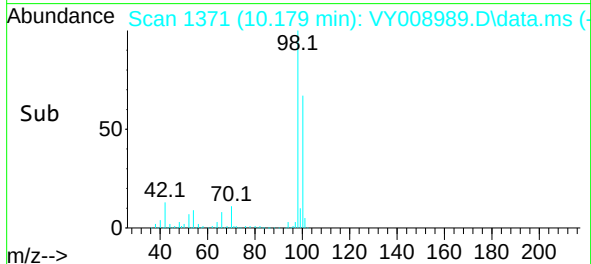
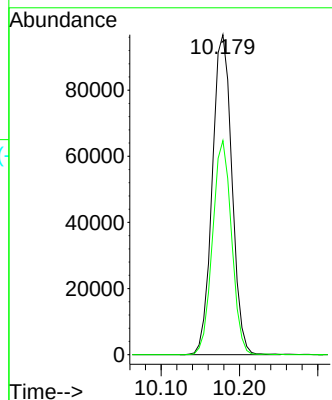
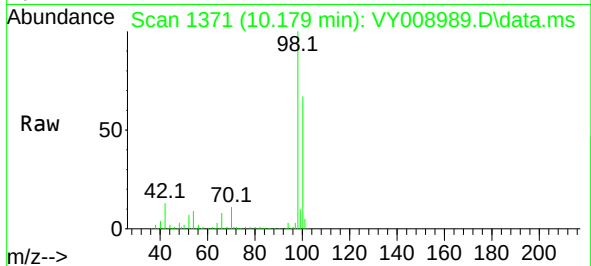




#50
Toluene-d8
Concen: 54.552 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

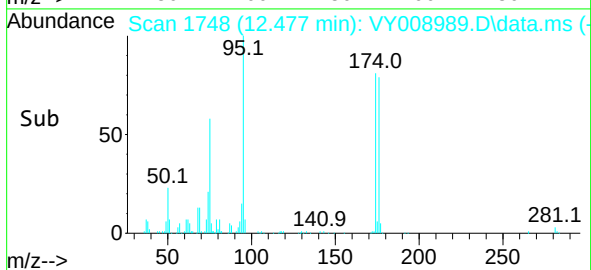
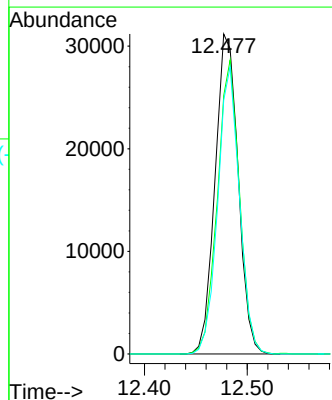
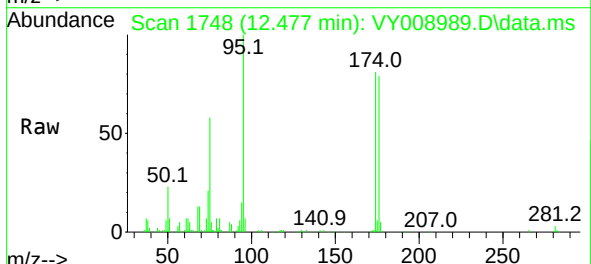
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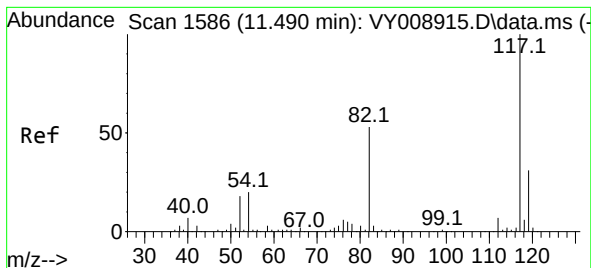
Tgt Ion: 98 Resp: 168107
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.039 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Tgt Ion: 95 Resp: 48528
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 84.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY008989.D

Acq: 22 May 2022 08:09

Instrument :

MSVOA_Y

ClientSampleId :

P041-SS001-0006-01

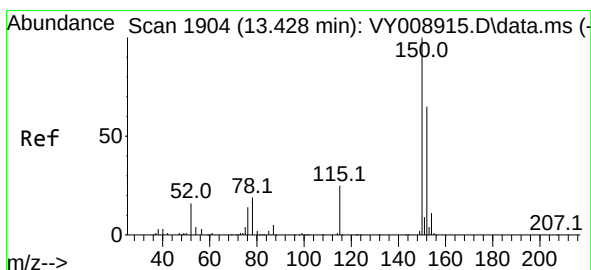
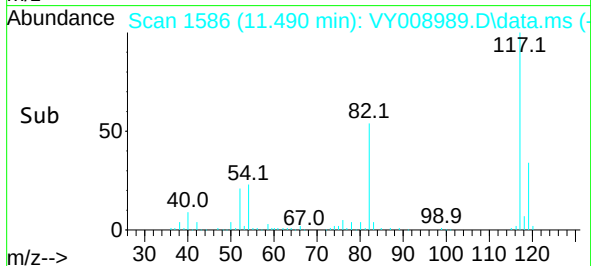
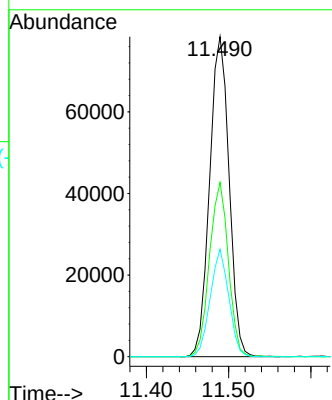
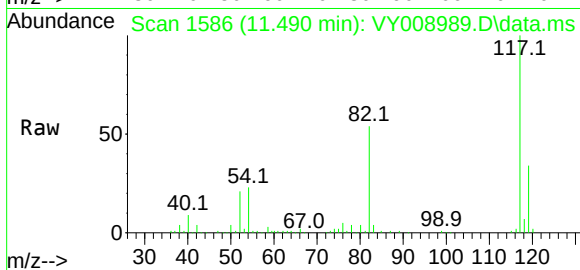
Tgt Ion:117 Resp: 128852

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.4

119 33.6 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: VY008989.D

Acq: 22 May 2022 08:09

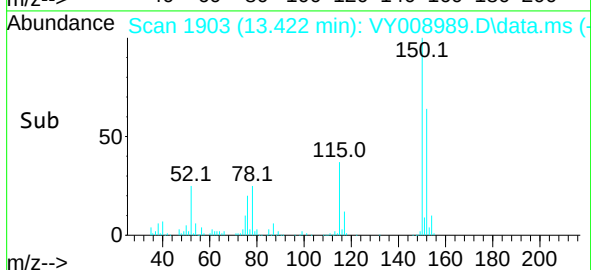
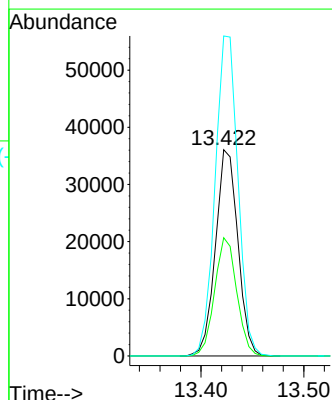
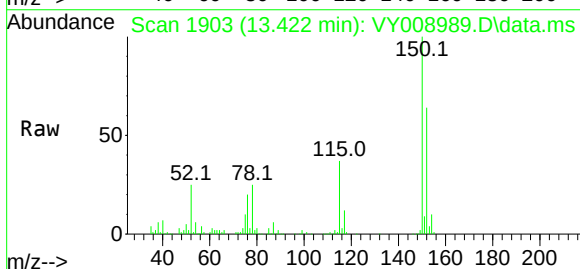
Tgt Ion:152 Resp: 54509

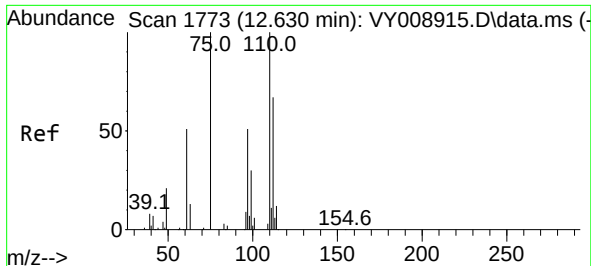
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 158.1 0.0 347.6

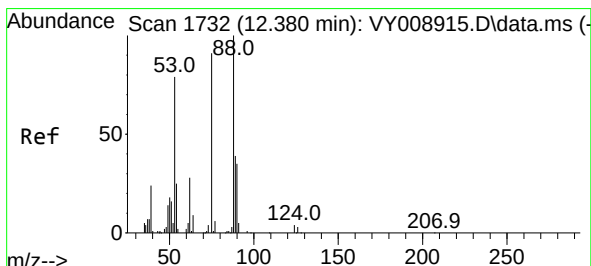
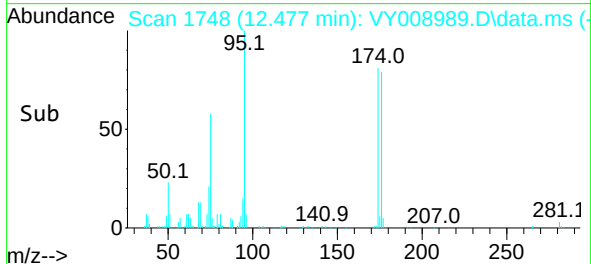
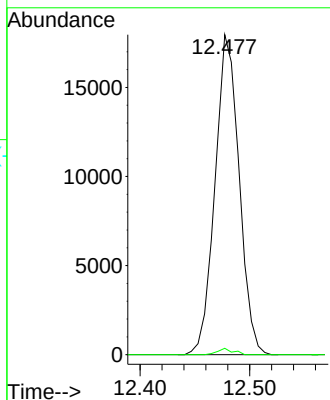
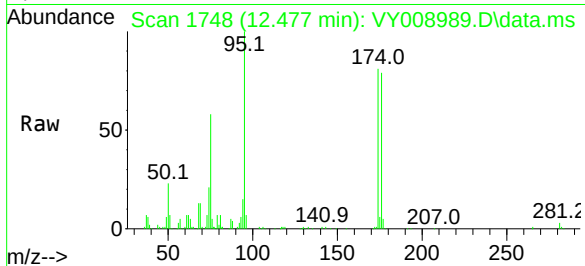




#76
1,2,3-Trichloropropane
Concen: 46.906 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01

Tgt Ion: 75 Resp: 27457
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.275 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Tgt Ion: 75 Resp: 27457
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#

