

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009089.D
 Acq On : 25 May 2022 14:56
 Operator : KP/MD
 Sample : N2981-17
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(0.5-1)

Quant Time: May 26 04:28:52 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)

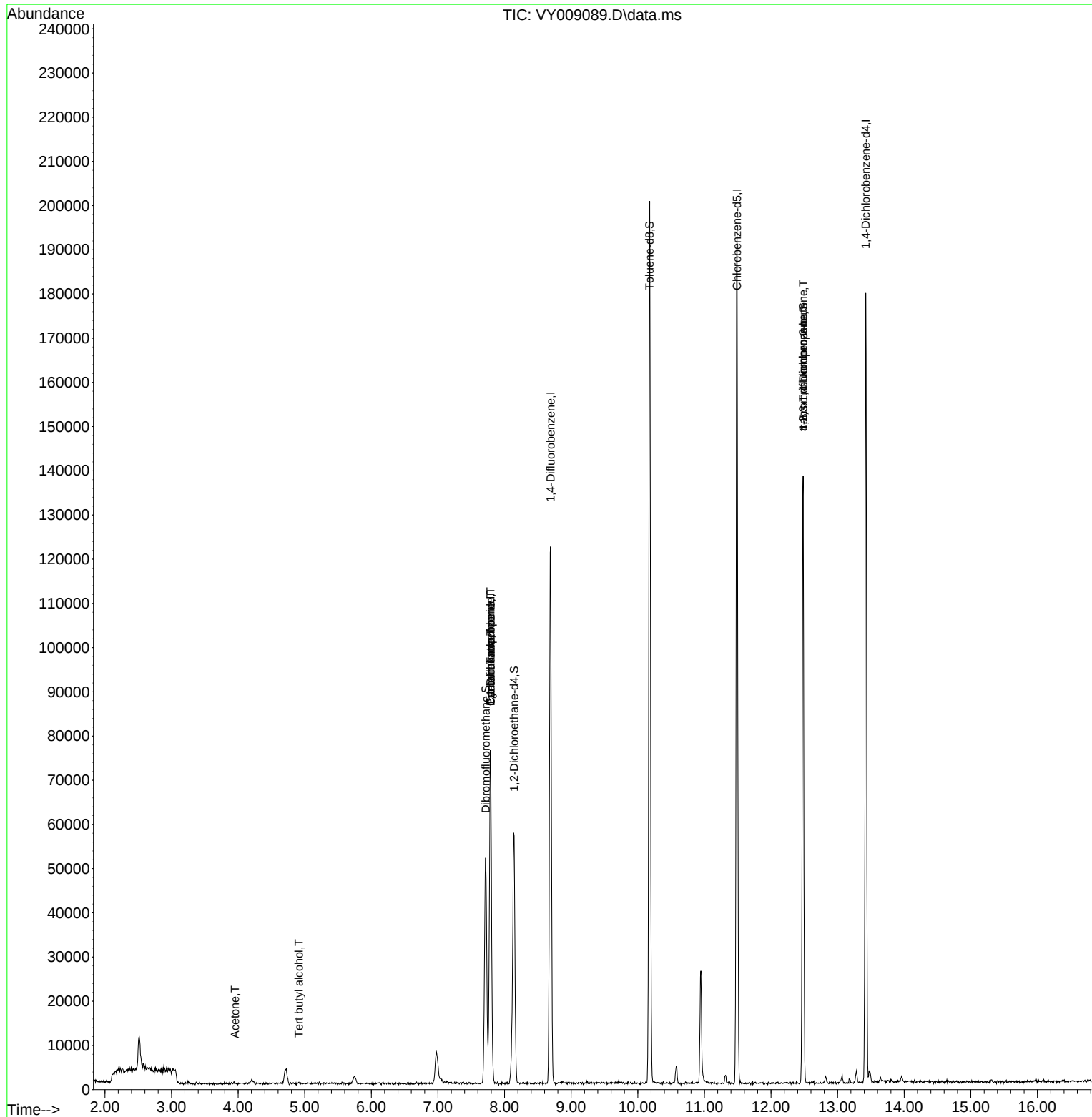
Internal Standards						
1) Pentafluorobenzene	7.789	168	55318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	103183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	99964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	39808	69.922	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.840%			
35) Dibromofluoromethane	7.716	113	35445	55.242	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.480%			
50) Toluene-d8	10.179	98	127763	53.975	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.940%			
62) 4-Bromofluorobenzene	12.483	95	37109	38.863	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.720%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.912	59	60	1.039	ug/l #	77
16) Acetone	3.954	43	389	3.282	ug/l #	47
20) Methylene Chloride	4.704	84	2446	Below Cal	#	74
31) Cyclohexane	7.789	56	1323	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5037	4.613	ug/l #	49
38) Carbon Tetrachloride	7.789	117	5809	5.085	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	21204	46.474	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21204	95.387	ug/l #	7

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

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SB-7(0.5-1)

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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
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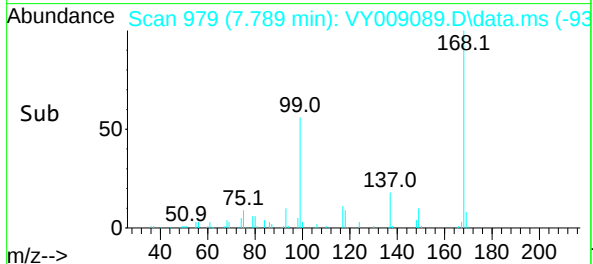
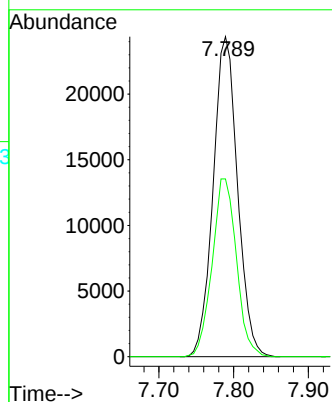
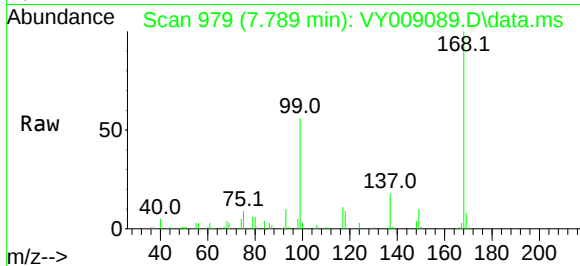




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

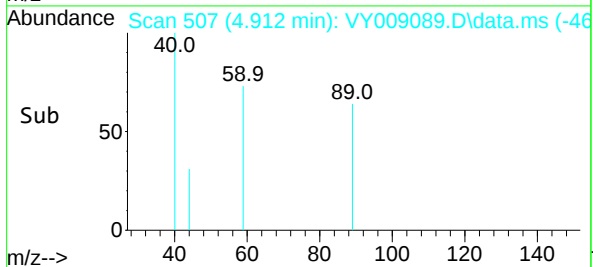
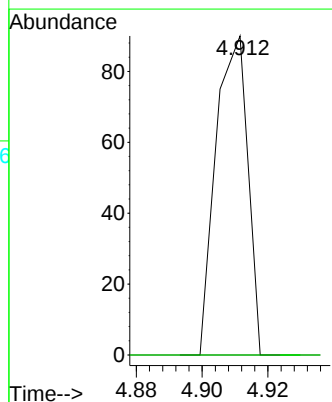
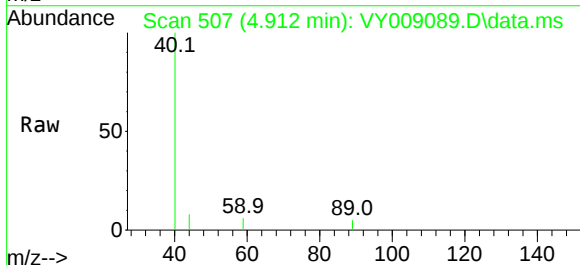
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(0.5-1)

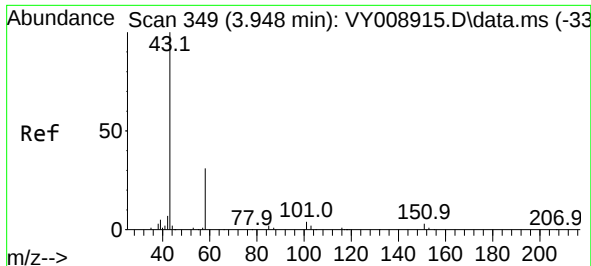
Tgt Ion:168 Resp: 55318
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.039 ug/l
RT: 4.912 min Scan# 507
Delta R.T. -0.036 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

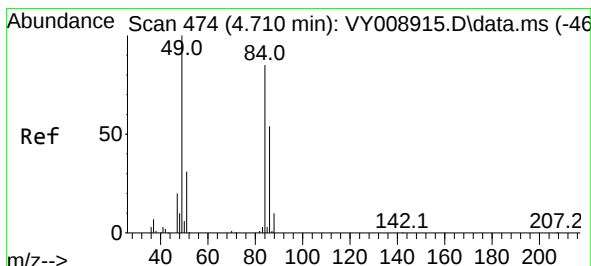
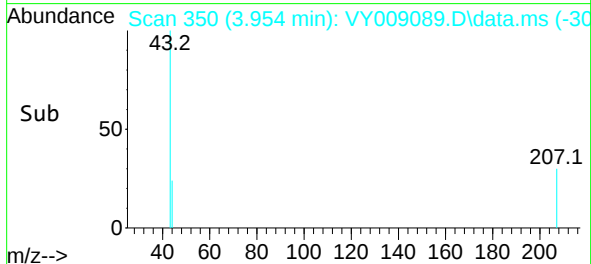
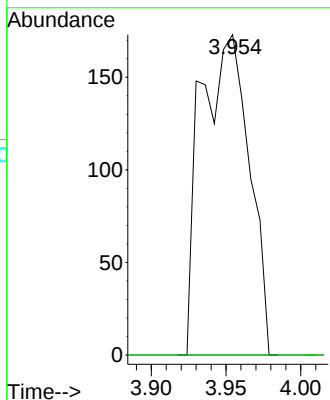
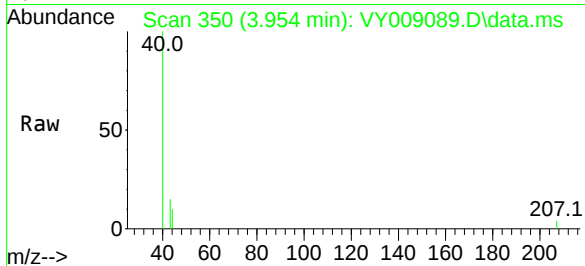




#16
Acetone
Concen: 3.282 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

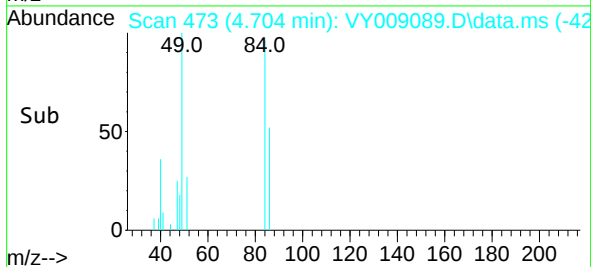
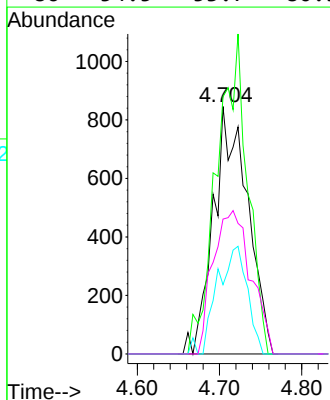
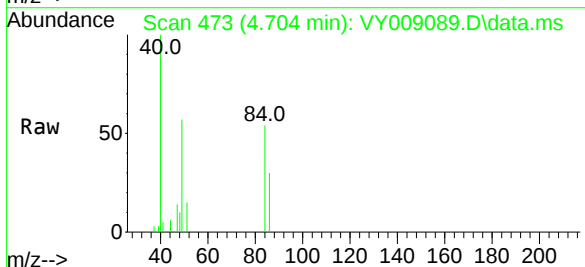
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(0.5-1)

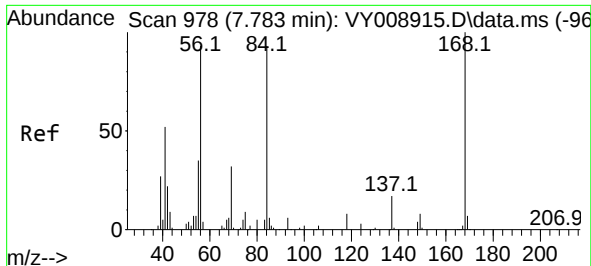
Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

Tgt Ion: 84 Resp: 2446
Ion Ratio Lower Upper
84 100
49 104.0 114.4 171.6#
51 28.0 35.3 52.9#
86 54.5 53.7 80.5

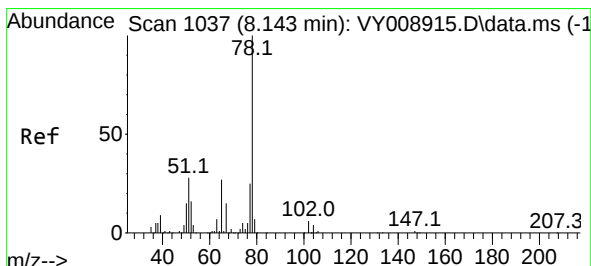
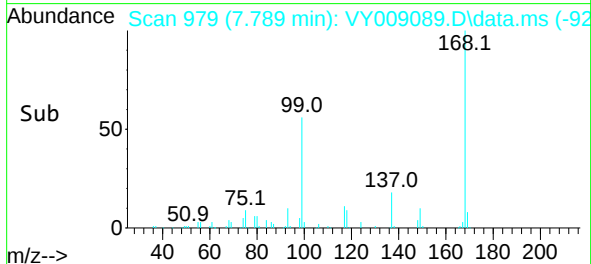
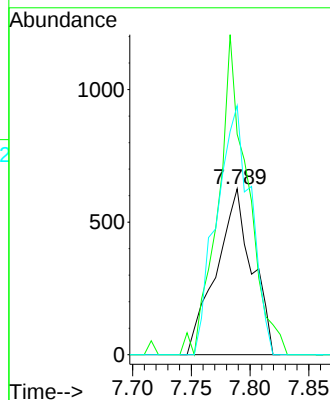
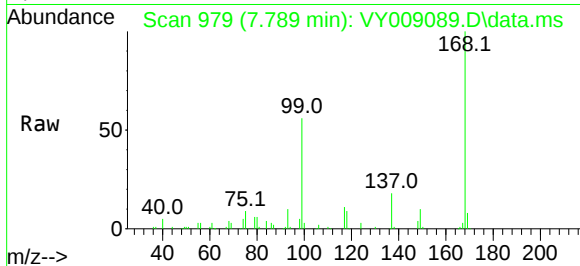




#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

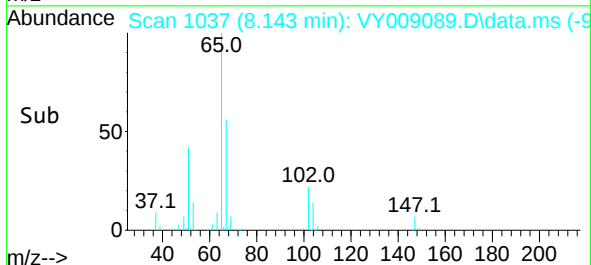
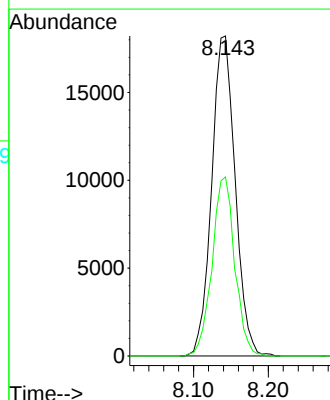
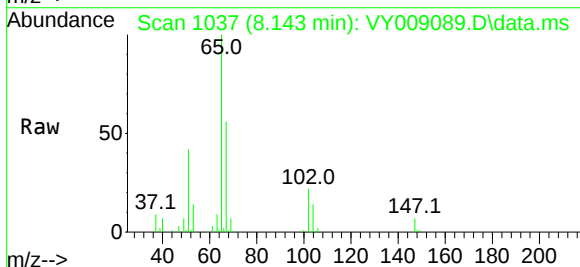
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(0.5-1)

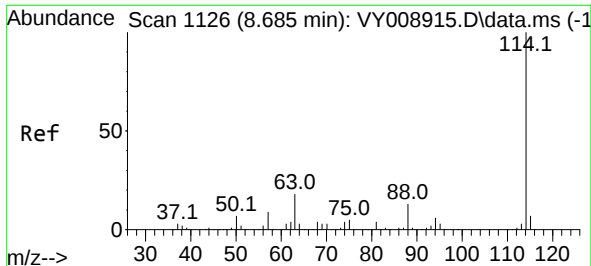
Tgt Ion: 56 Resp: 1323
Ion Ratio Lower Upper
56 100
69 132.9 26.7 40.1#
84 150.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.922 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

Tgt Ion: 65 Resp: 39808
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009089.D

Acq: 25 May 2022 14:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-7(0.5-1)

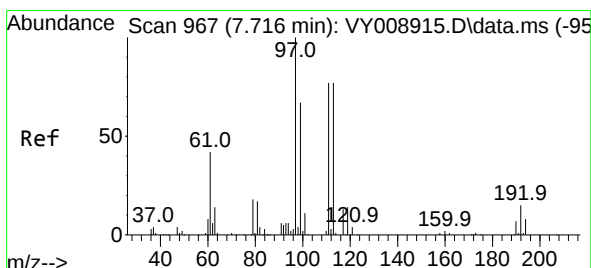
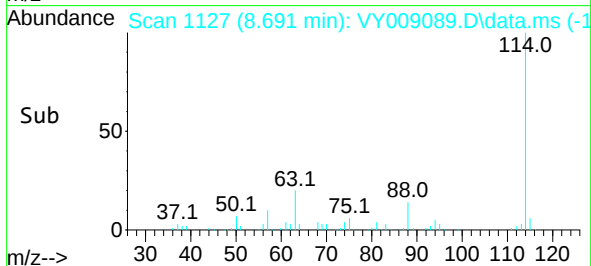
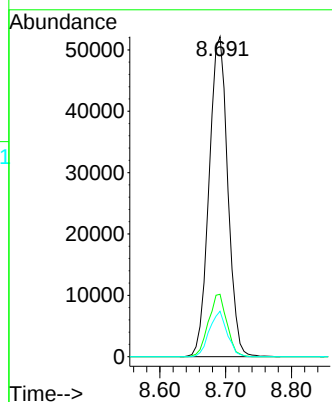
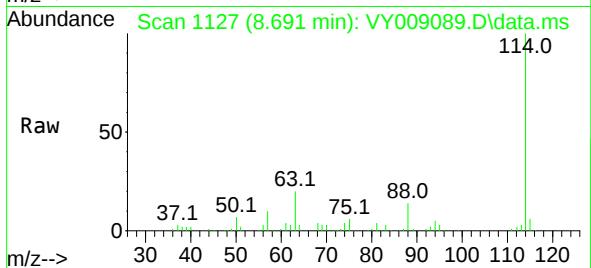
Tgt Ion:114 Resp: 103183

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.242 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009089.D

Acq: 25 May 2022 14:56

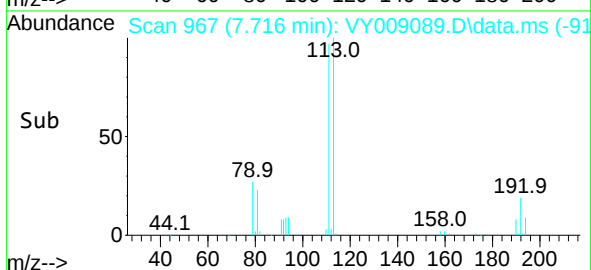
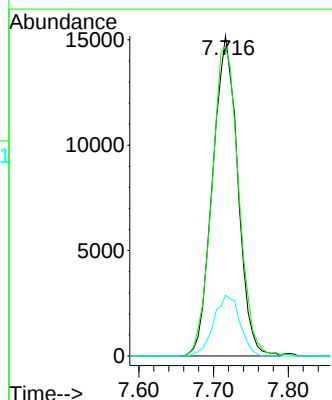
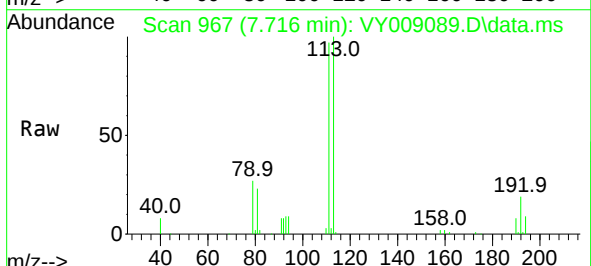
Tgt Ion:113 Resp: 35445

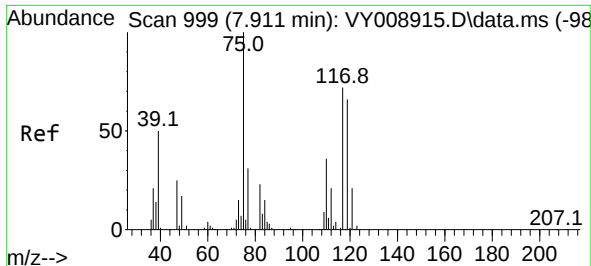
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.7 17.6 26.4

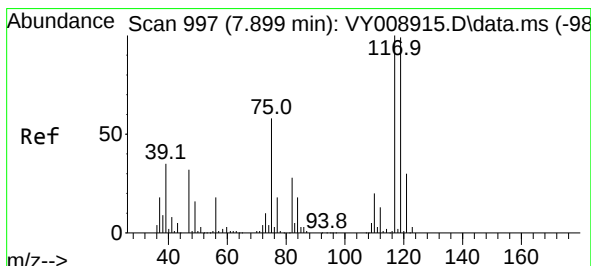
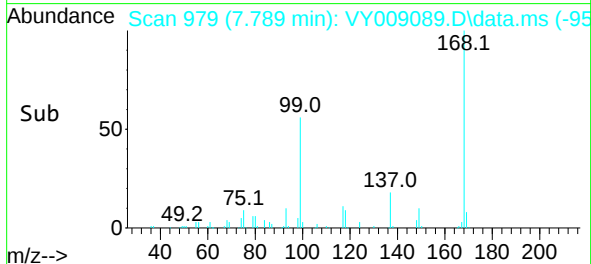
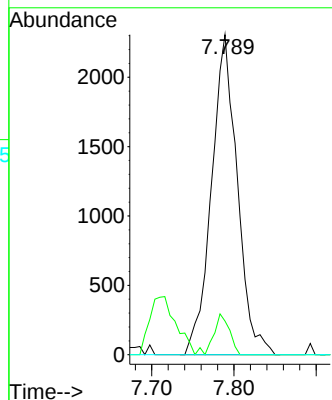
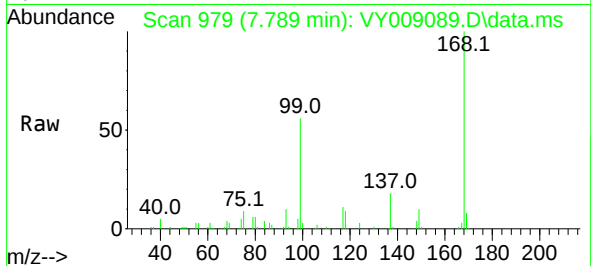




#36
1,1-Dichloropropene
Concen: 4.613 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

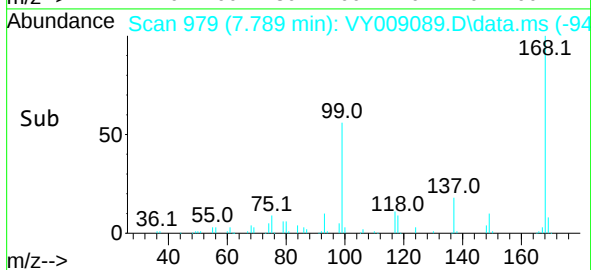
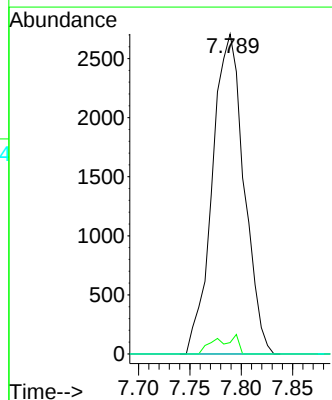
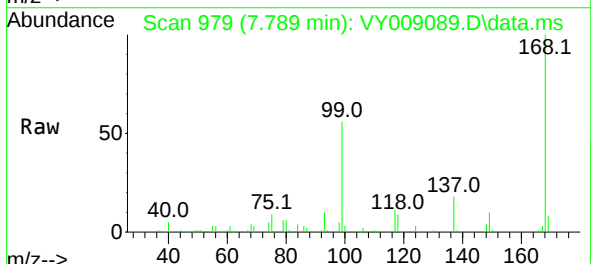
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(0.5-1)

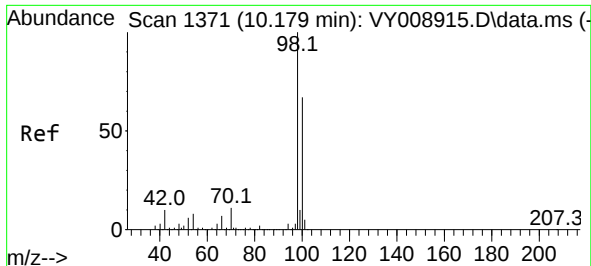
Tgt Ion: 75 Resp: 5037
Ion Ratio Lower Upper
75 100
110 7.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.085 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

Tgt Ion: 117 Resp: 5809
Ion Ratio Lower Upper
117 100
119 3.6 77.9 116.9#
121 0.0 24.8 37.2#

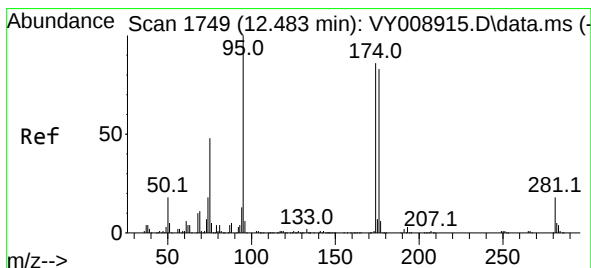
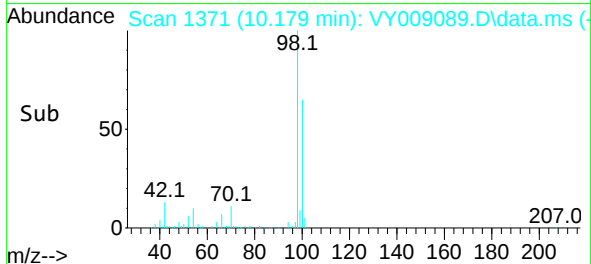
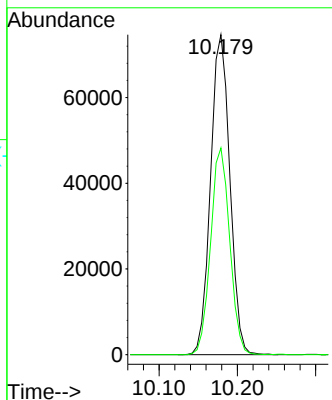
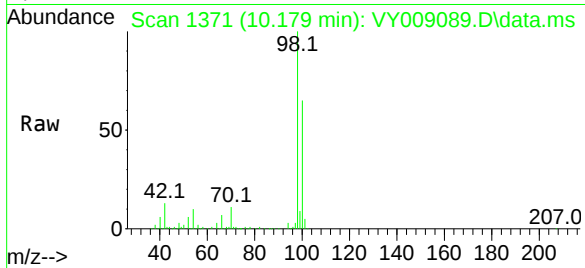




#50
Toluene-d8
Concen: 53.975 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

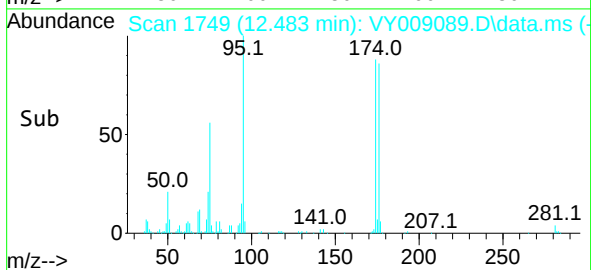
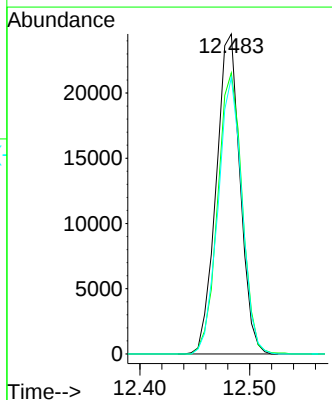
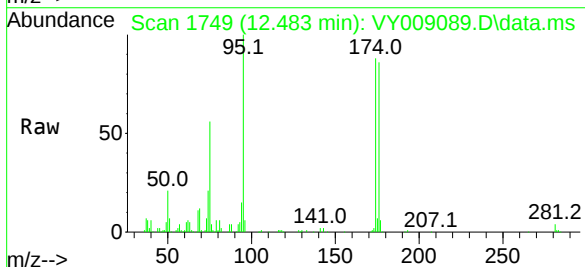
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(0.5-1)

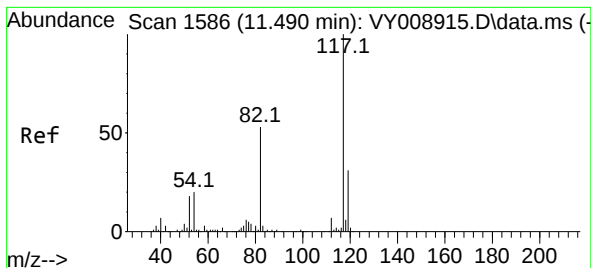
Tgt Ion: 98 Resp: 127763
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

Tgt Ion: 95 Resp: 37109
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 86.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009089.D

Acq: 25 May 2022 14:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-7(0.5-1)

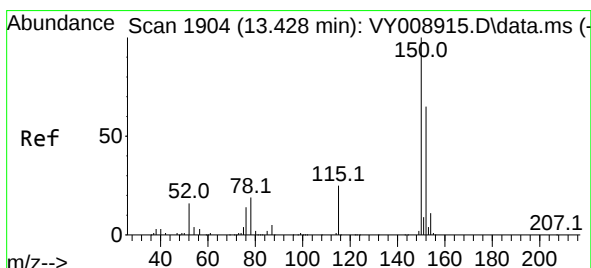
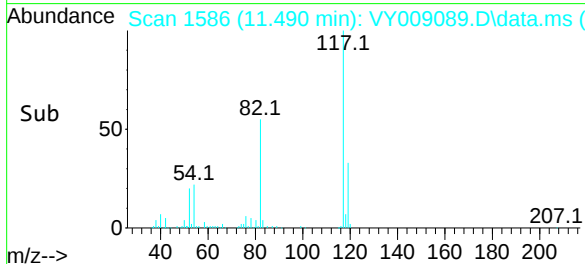
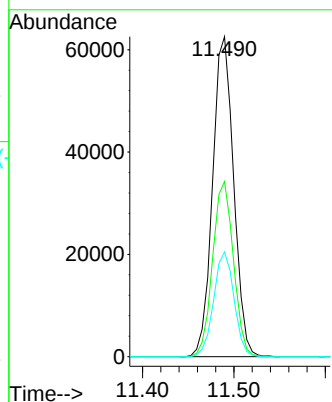
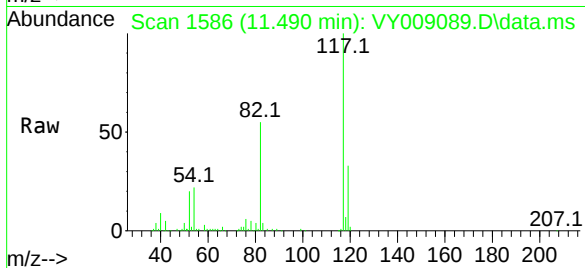
Tgt Ion:117 Resp: 99964

Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.4

119 32.8 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: VY009089.D

Acq: 25 May 2022 14:56

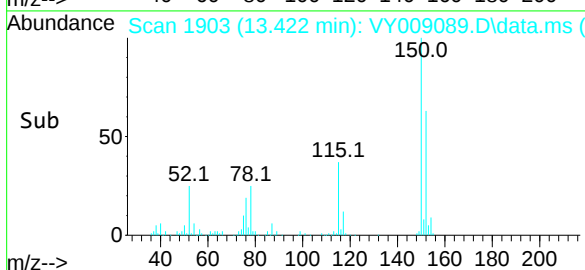
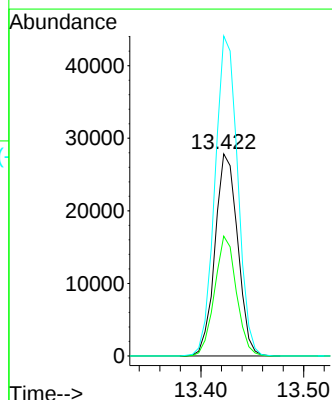
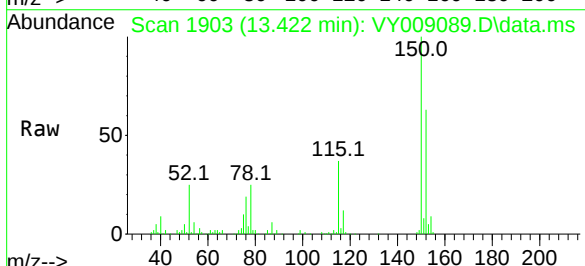
Tgt Ion:152 Resp: 42487

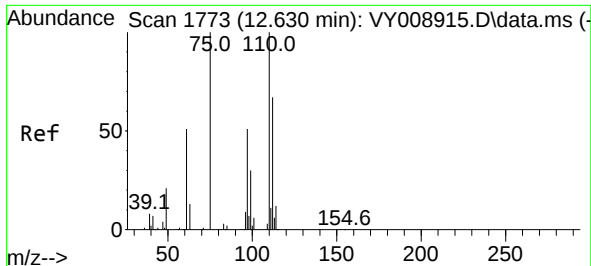
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 159.2 0.0 347.6

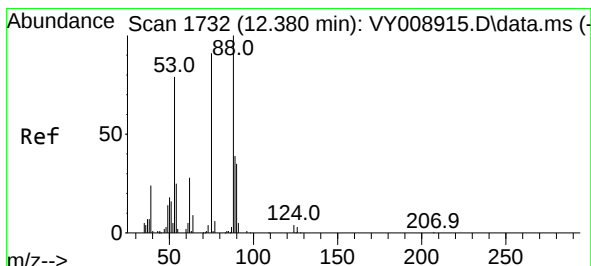
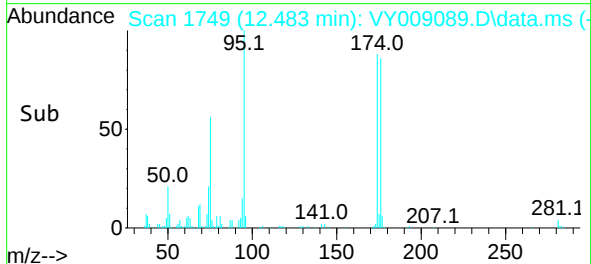
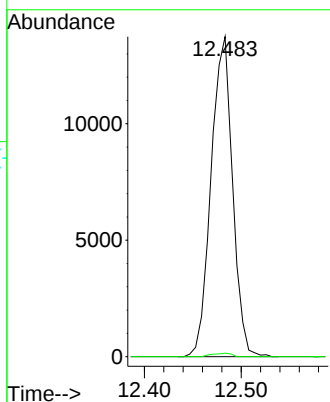
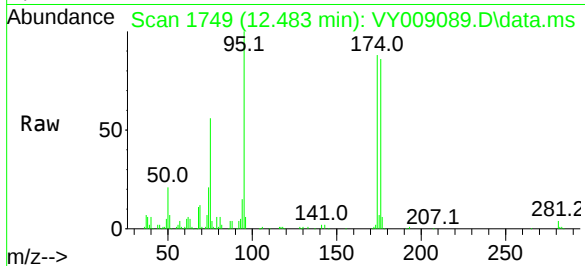




#76
1,2,3-Trichloropropane
Concen: 46.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-7(0.5-1)

Tgt Ion: 75 Resp: 21204
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.387 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

Tgt Ion: 75 Resp: 21204
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

