

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009091.D
 Acq On : 25 May 2022 15:42
 Operator : KP/MD
 Sample : N2981-19
 Misc : 3.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(0.5-1)

Quant Time: May 26 04:29:18 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)

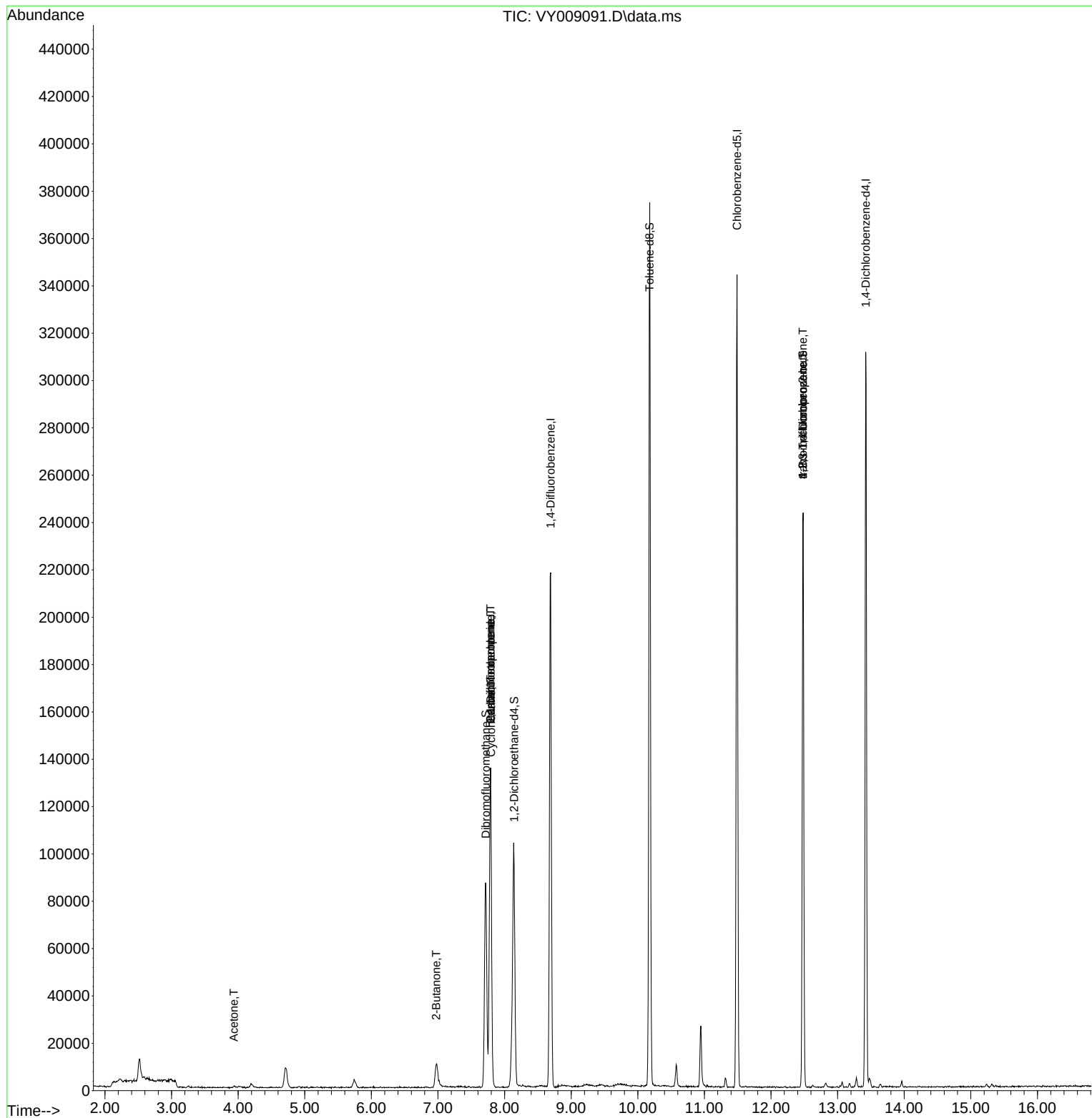
Internal Standards						
1) Pentafluorobenzene	7.789	168	100636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64825	62.589	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.180%			
35) Dibromofluoromethane	7.716	113	59097	51.861	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.720%			
50) Toluene-d8	10.179	98	231235	55.005	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.020%			
62) 4-Bromofluorobenzene	12.477	95	64923	38.285	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.560%			
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	511	2.370	ug/l #	81
20) Methylene Chloride	4.716	84	6193	Below Cal	#	84
25) 2-Butanone	6.972	43	757	1.966	ug/l #	54
31) Cyclohexane	7.795	56	2734	1.349	ug/l #	44
36) 1,1-Dichloropropene	7.789	75	9141	4.714	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10340	5.097	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	37938	47.246	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37938	96.972	ug/l #	7

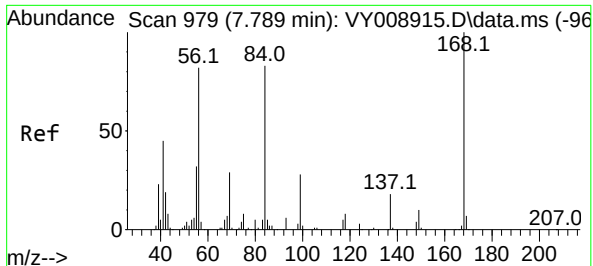
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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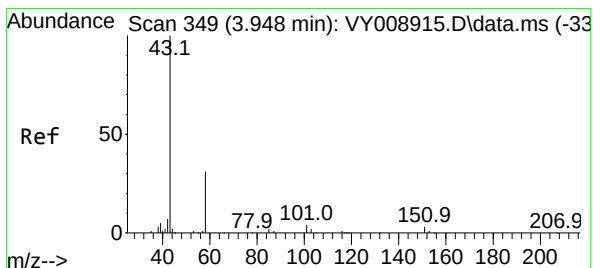
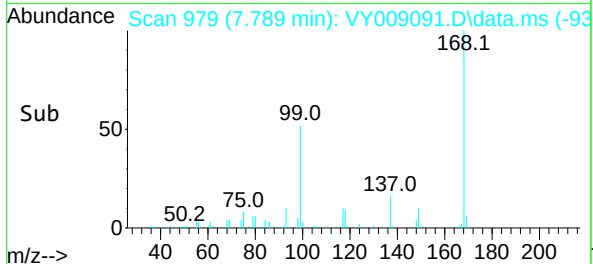
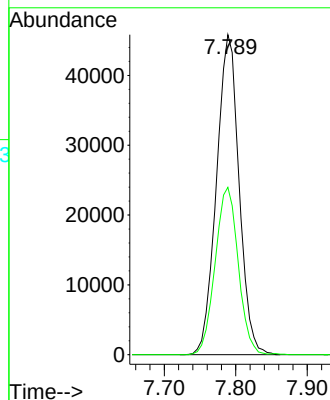
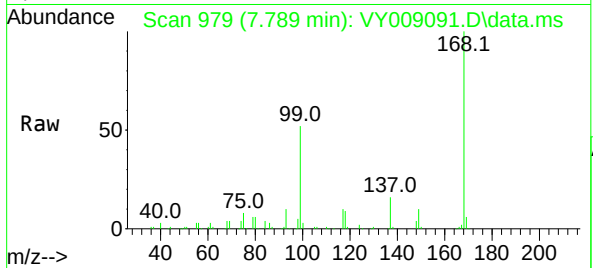




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009091.D
Acq: 25 May 2022 15:42

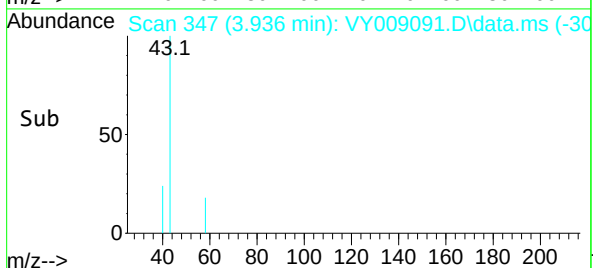
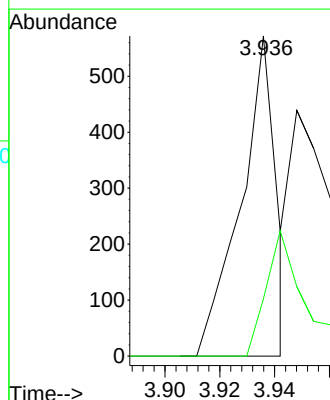
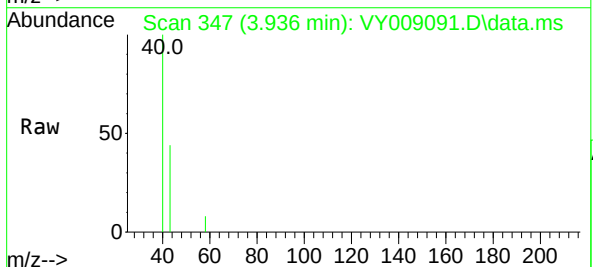
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(0.5-1)

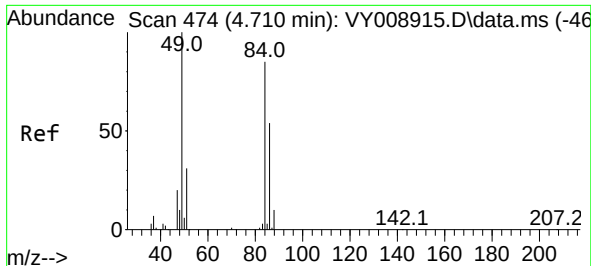
Tgt Ion:168 Resp: 100636
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#16
Acetone
Concen: 2.370 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009091.D
Acq: 25 May 2022 15:42

Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
58 17.8 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009091.D

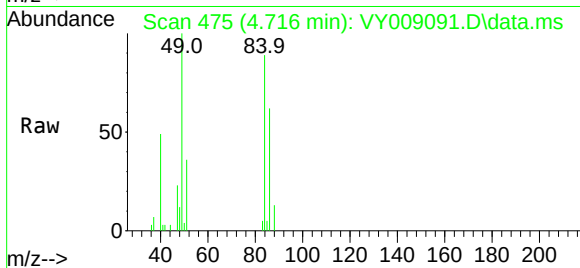
Acq: 25 May 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(0.5-1)



Tgt Ion: 84 Resp: 6193

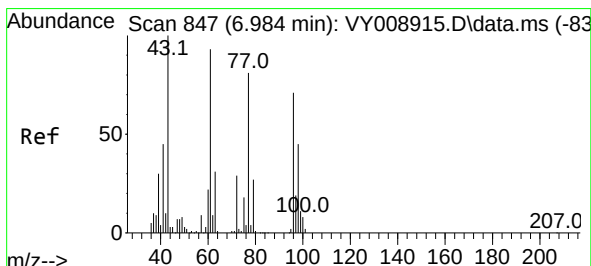
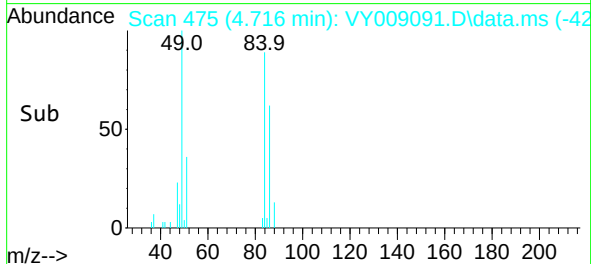
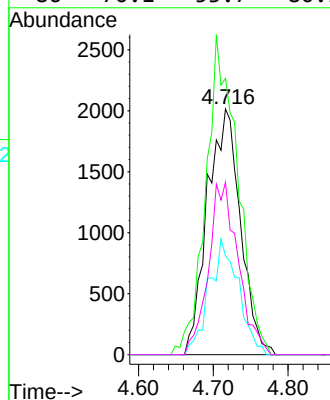
Ion Ratio Lower Upper

84 100

49 112.5 114.4 171.6#

51 40.2 35.3 52.9

86 70.1 53.7 80.5



#25

2-Butanone

Concen: 1.966 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY009091.D

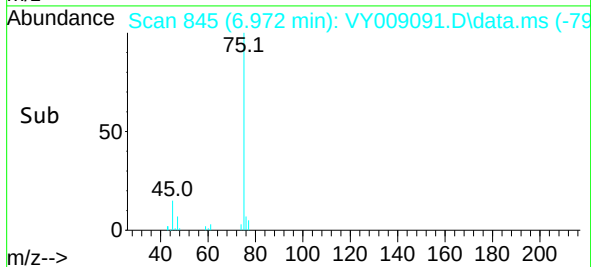
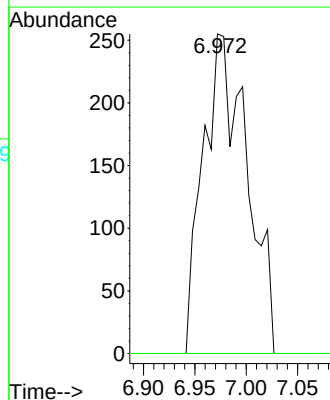
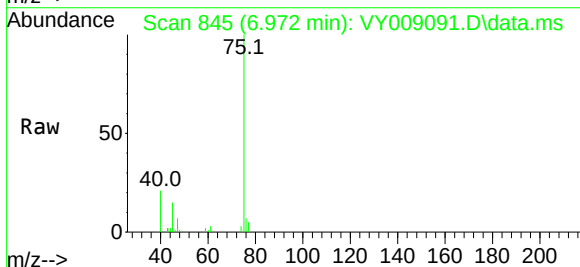
Acq: 25 May 2022 15:42

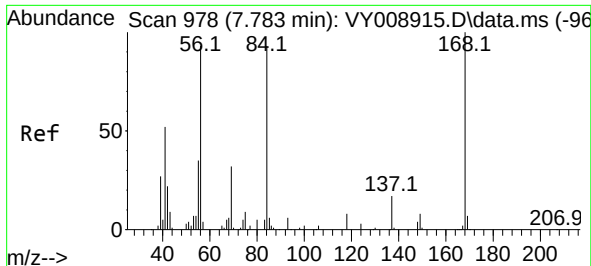
Tgt Ion: 43 Resp: 757

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

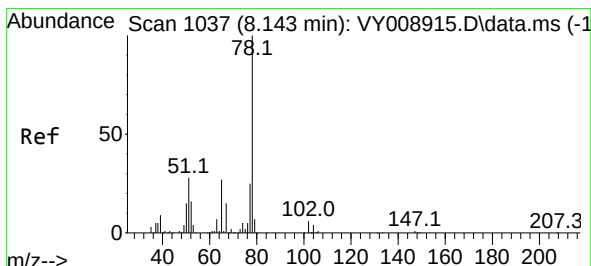
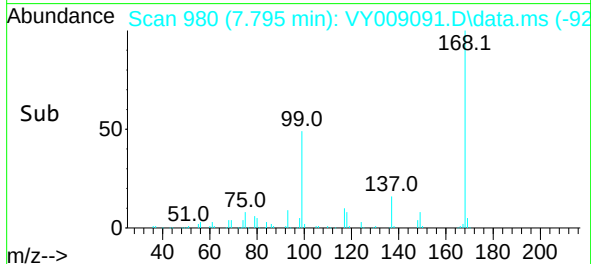
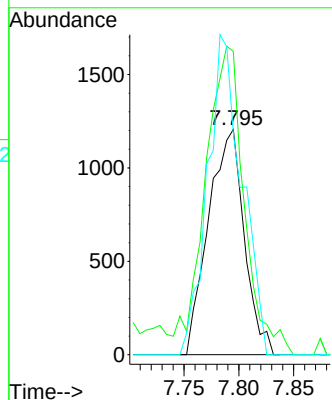
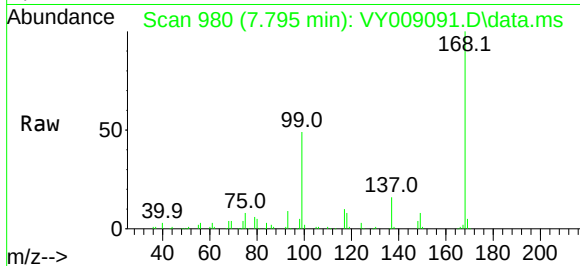




#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009091.D
Acq: 25 May 2022 15:42

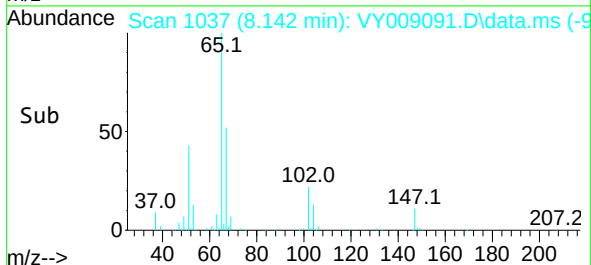
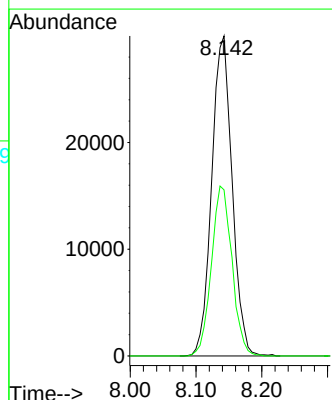
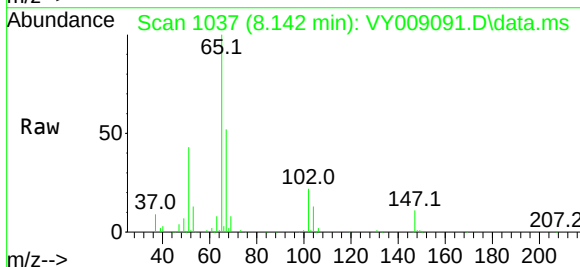
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(0.5-1)

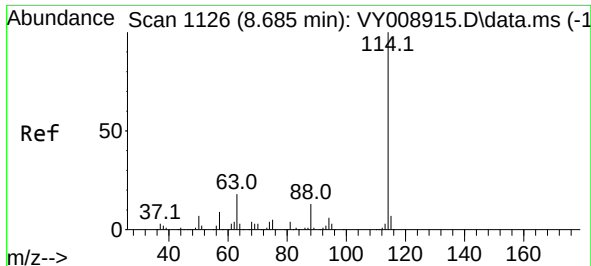
Tgt Ion: 56 Resp: 2734
Ion Ratio Lower Upper
56 100
69 123.5 26.7 40.1#
84 98.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 62.589 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009091.D
Acq: 25 May 2022 15:42

Tgt Ion: 65 Resp: 64825
Ion Ratio Lower Upper
65 100
67 53.5 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: VY009091.D

Acq: 25 May 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(0.5-1)

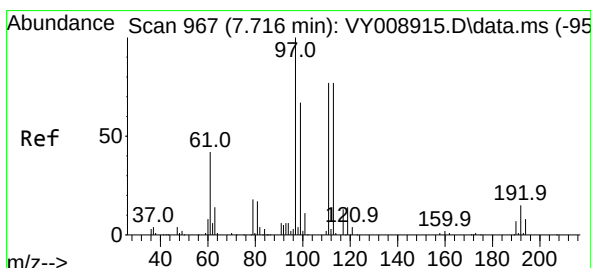
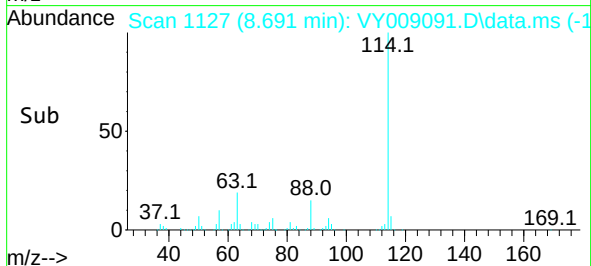
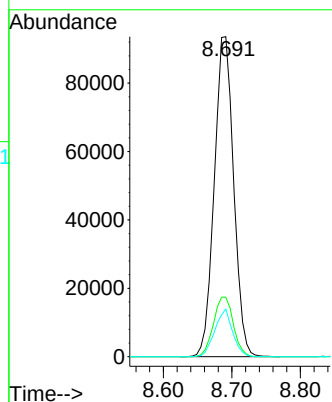
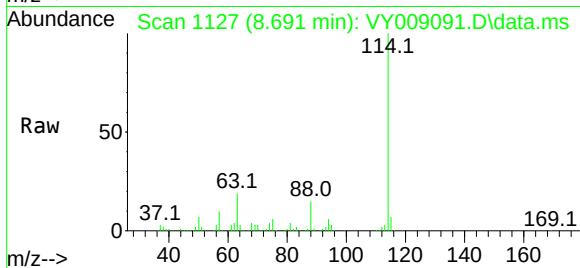
Tgt Ion:114 Resp: 183250

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.861 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009091.D

Acq: 25 May 2022 15:42

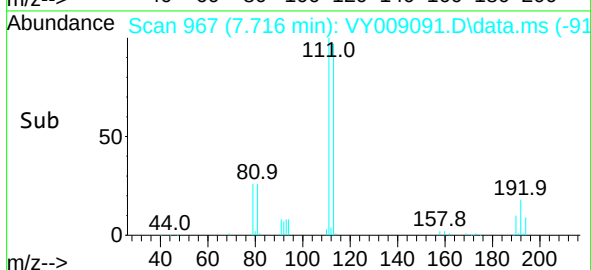
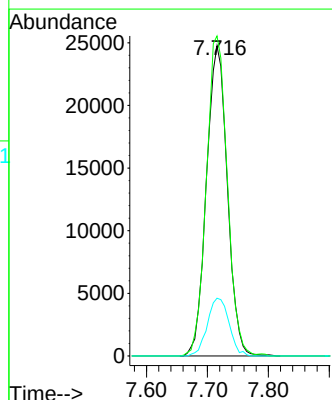
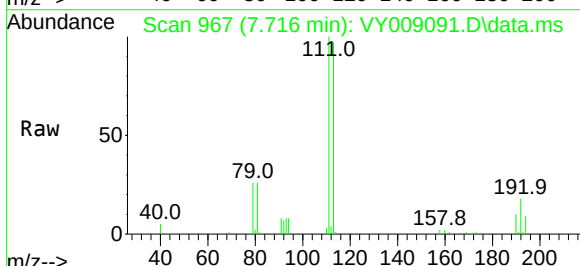
Tgt Ion:113 Resp: 59097

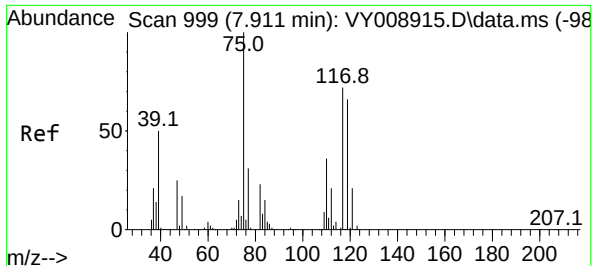
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.3 17.6 26.4

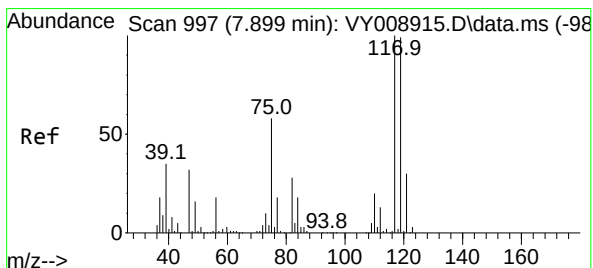
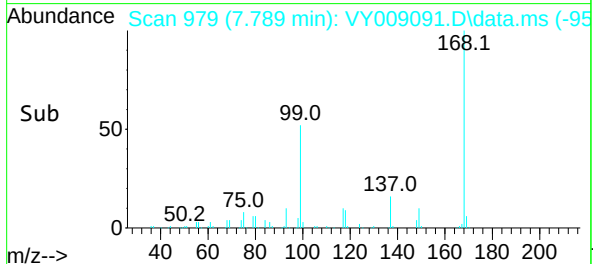
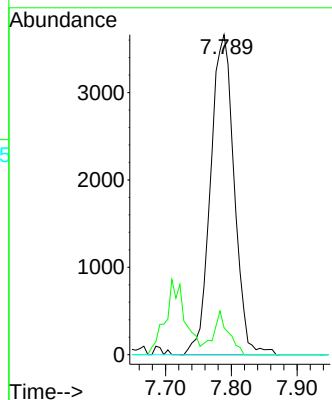
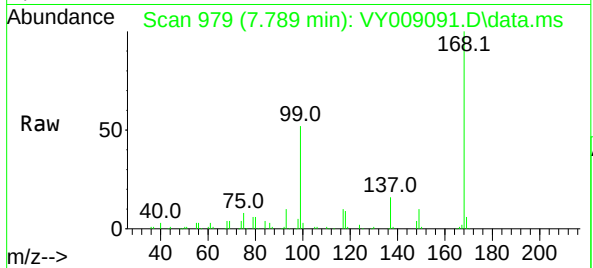




#36
 1,1-Dichloropropene
 Concen: 4.714 ug/l
 RT: 7.789 min Scan# 911
 Delta R.T. -0.122 min
 Lab File: VY009091.D
 Acq: 25 May 2022 15:42

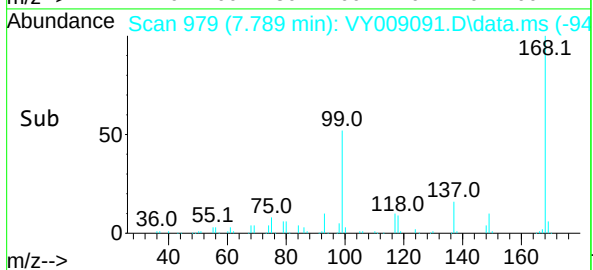
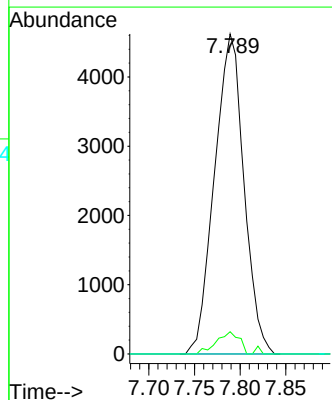
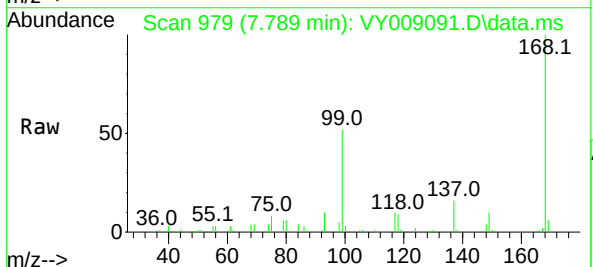
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(0.5-1)

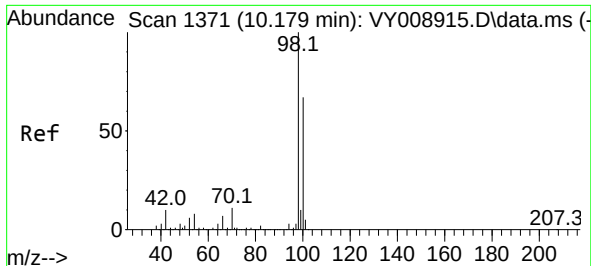
Tgt Ion: 75 Resp: 9141
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.097 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY009091.D
 Acq: 25 May 2022 15:42

Tgt Ion: 117 Resp: 10340
 Ion Ratio Lower Upper
 117 100
 119 6.9 77.9 116.9#
 121 0.0 24.8 37.2#

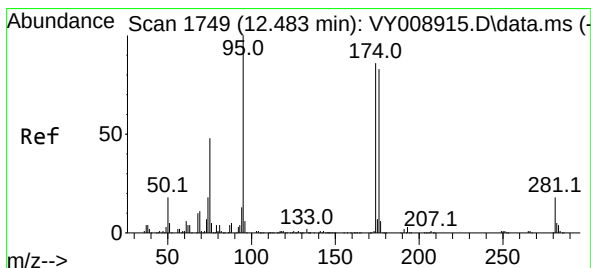
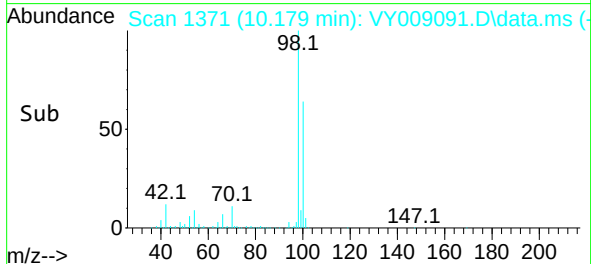
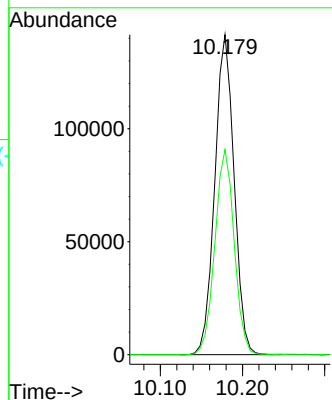
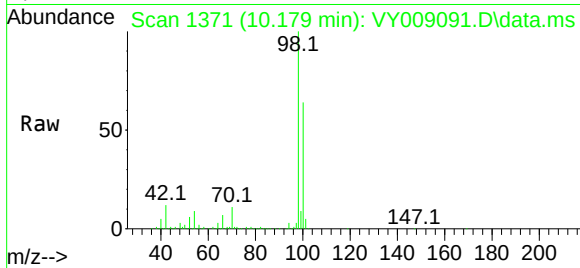




#50
Toluene-d8
Concen: 55.005 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009091.D
Acq: 25 May 2022 15:42

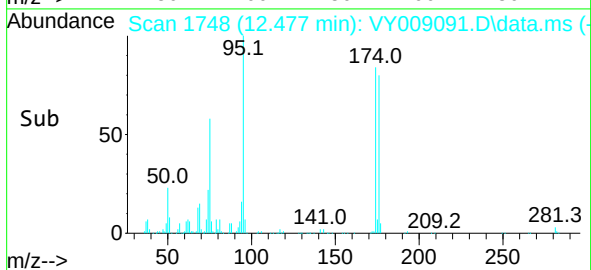
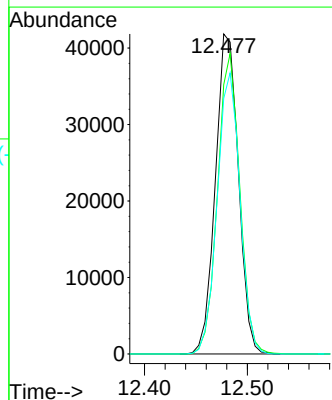
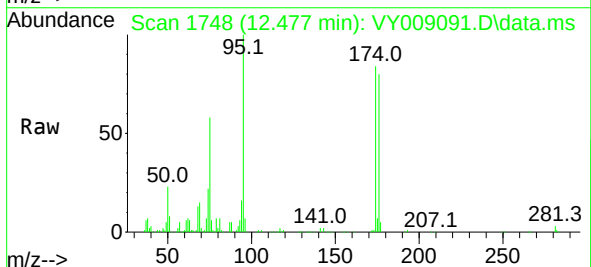
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(0.5-1)

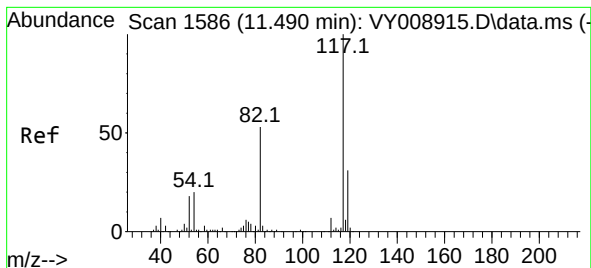
Tgt Ion: 98 Resp: 231235
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.285 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009091.D
Acq: 25 May 2022 15:42

Tgt Ion: 95 Resp: 64923
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 87.1 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: VY009091.D

Acq: 25 May 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(0.5-1)

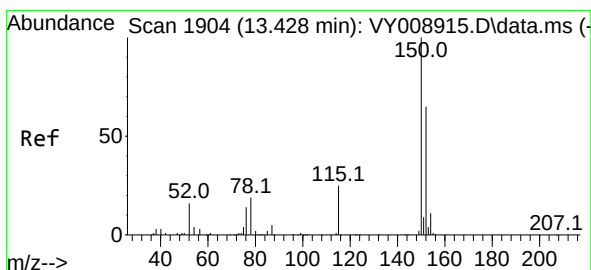
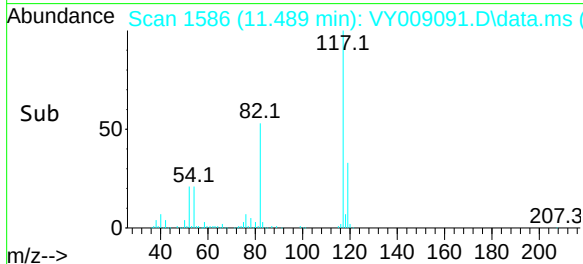
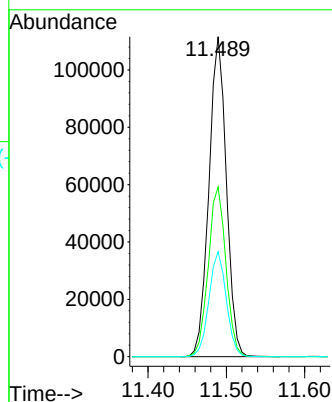
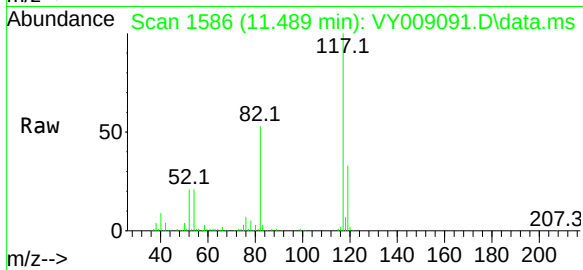
Tgt Ion:117 Resp: 172253

Ion Ratio Lower Upper

117 100

82 53.0 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: VY009091.D

Acq: 25 May 2022 15:42

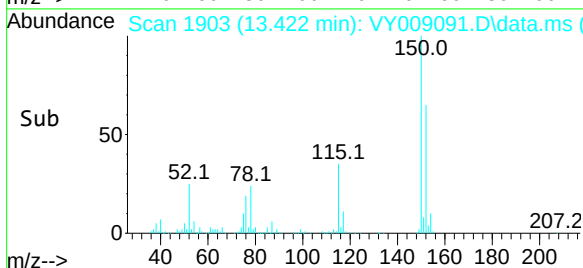
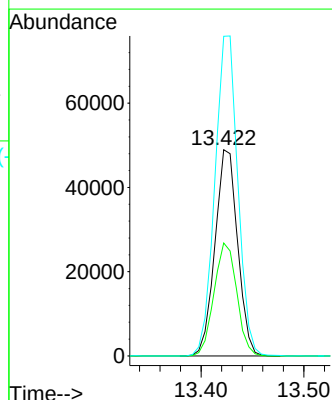
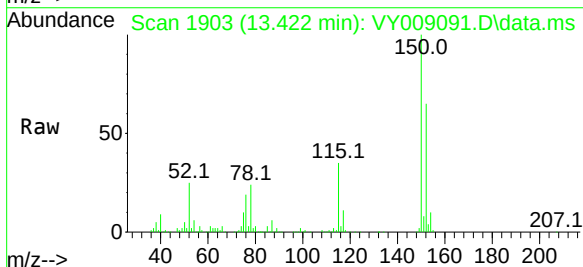
Tgt Ion:152 Resp: 74775

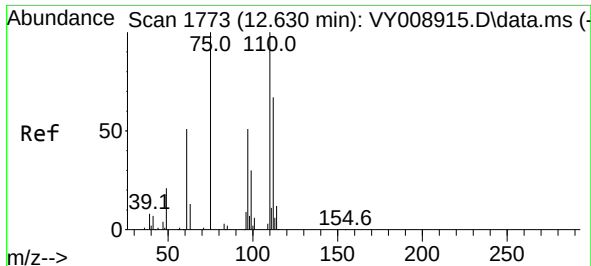
Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 157.6 0.0 347.6

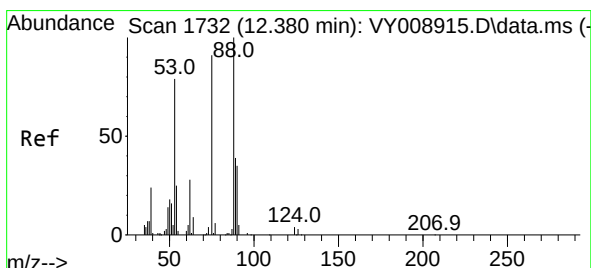
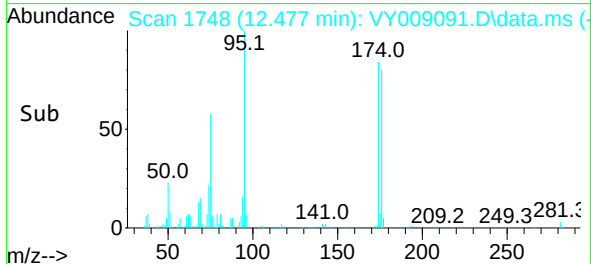
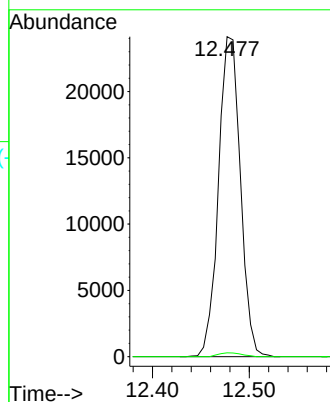
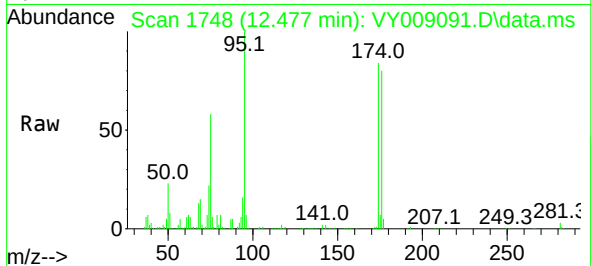




#76
1,2,3-Trichloropropane
Concen: 47.246 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009091.D
Acq: 25 May 2022 15:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-6(0.5-1)

Tgt Ion: 75 Resp: 37938
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.972 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009091.D
Acq: 25 May 2022 15:42

Tgt Ion: 75 Resp: 37938
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

