

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009083.D
 Acq On : 25 May 2022 12:35
 Operator : KP/MD
 Sample : N2981-11
 Misc : 2.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(0.5-1)

Quant Time: May 26 04:27:30 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)

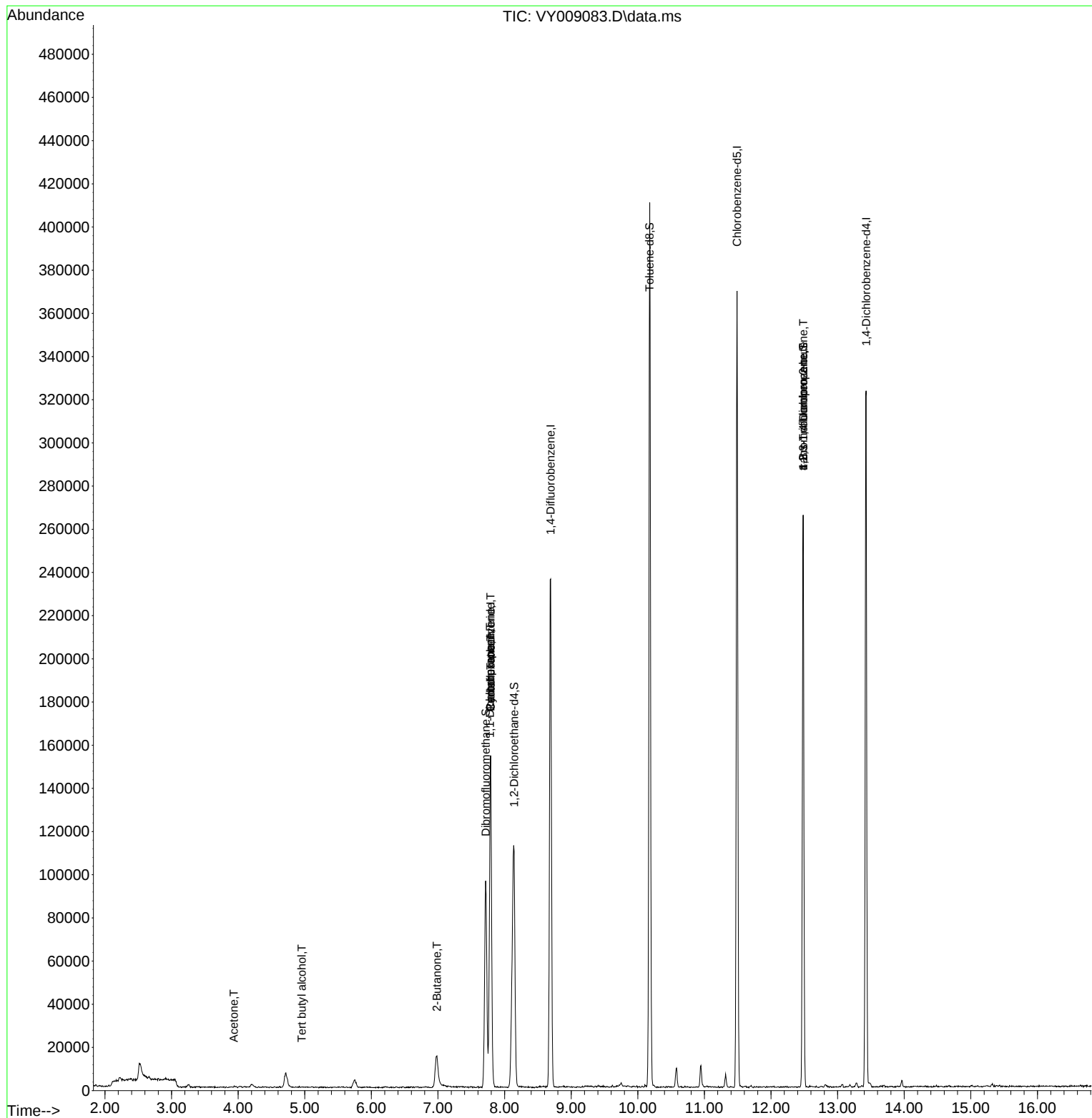
Internal Standards						
1) Pentafluorobenzene	7.789	168	113407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69750	59.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.520%	
35) Dibromofluoromethane	7.716	113	64949	50.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.980%	
50) Toluene-d8	10.179	98	254496	54.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.320%	
62) 4-Bromofluorobenzene	12.483	95	69358	36.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	142	1.199	ug/l #	77
16) Acetone	3.936	43	294	1.210	ug/l #	47
20) Methylene Chloride	4.716	84	4668	Below Cal		89
25) 2-Butanone	6.984	43	688	1.585	ug/l #	81
31) Cyclohexane	7.789	56	2960	1.296	ug/l #	36
36) 1,1-Dichloropropene	7.783	75	9867	4.552	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11625	5.126	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	40241	49.088	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40241	100.754	ug/l #	7

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

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SB-10(0.5-1)

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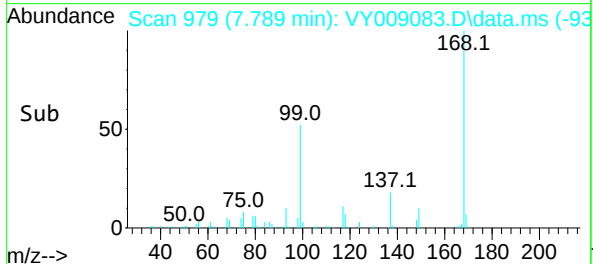
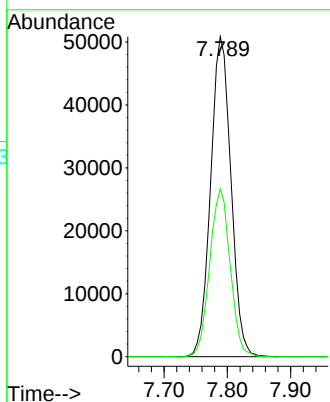
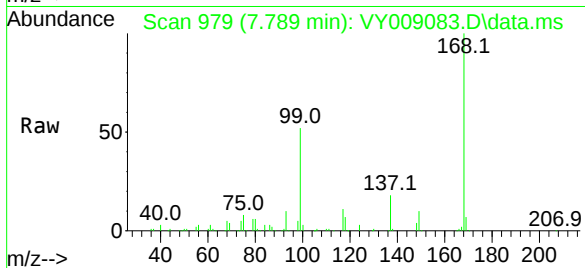




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009083.D
Acq: 25 May 2022 12:35

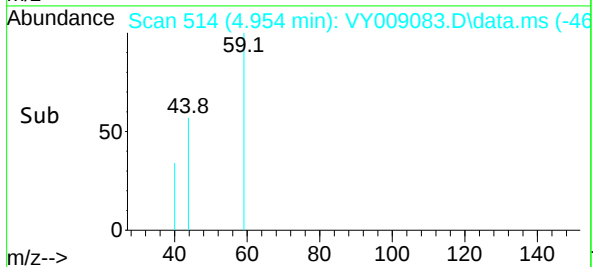
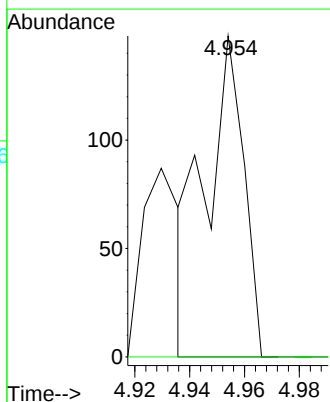
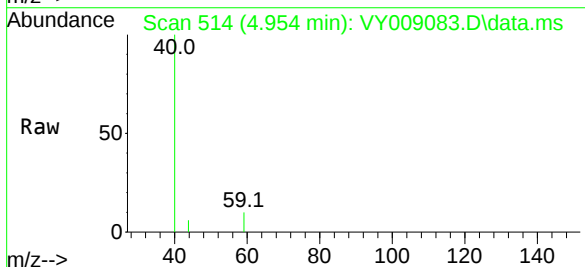
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(0.5-1)

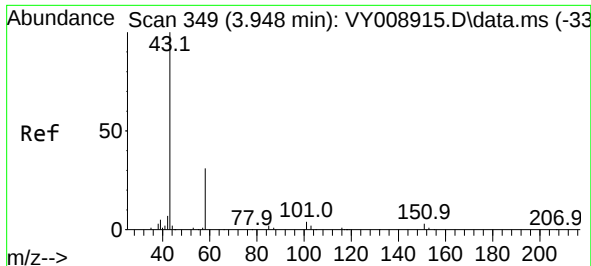
Tgt Ion:168 Resp: 113407
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.199 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009083.D
Acq: 25 May 2022 12:35

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 1.210 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY009083.D

Acq: 25 May 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

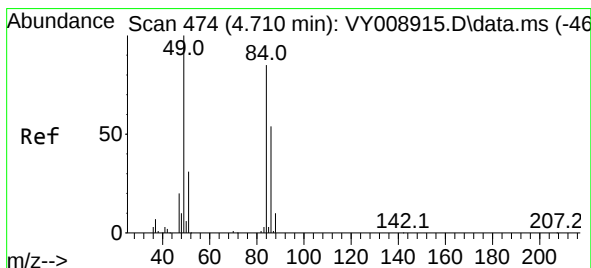
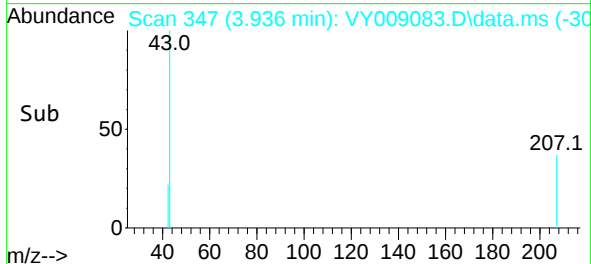
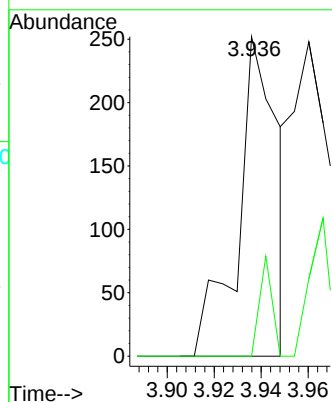
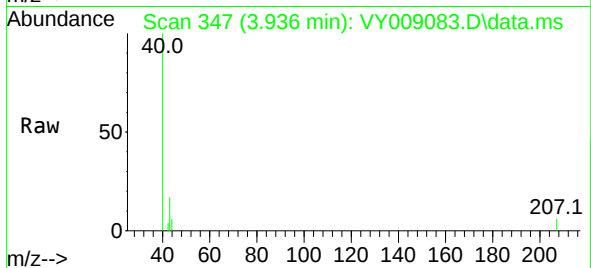
SB-10(0.5-1)

Tgt Ion: 43 Resp: 294

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY009083.D

Acq: 25 May 2022 12:35

Tgt Ion: 84 Resp: 4668

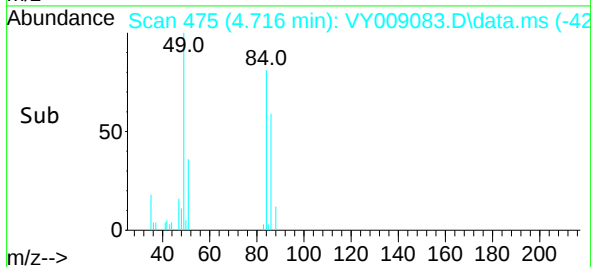
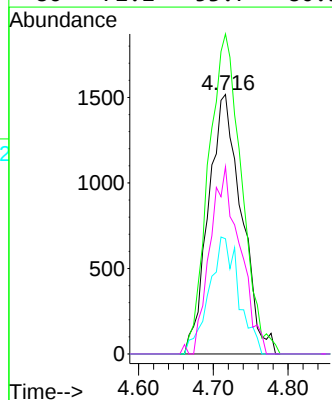
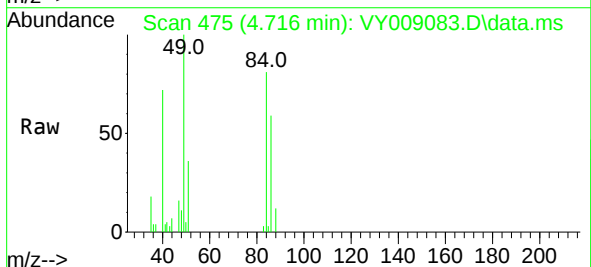
Ion Ratio Lower Upper

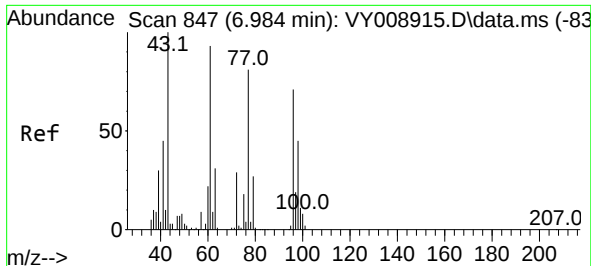
84 100

49 123.3 114.4 171.6

51 44.4 35.3 52.9

86 72.2 53.7 80.5

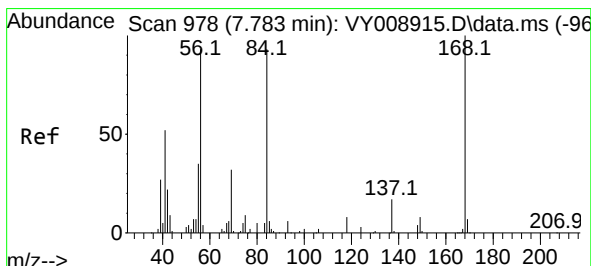
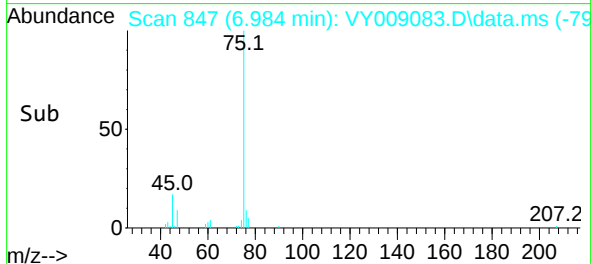
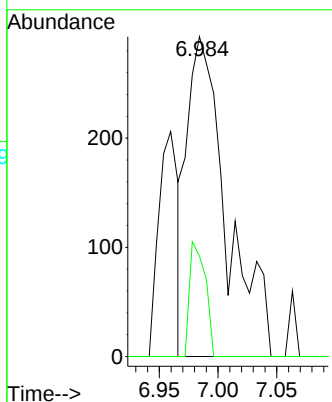
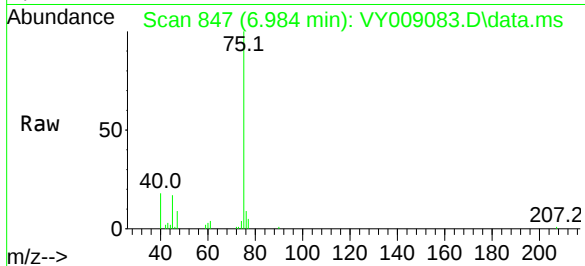




#25
2-Butanone
Concen: 1.585 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009083.D
Acq: 25 May 2022 12:35

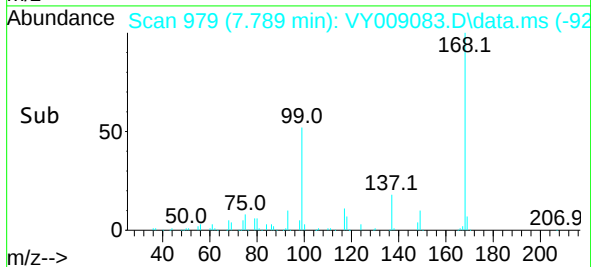
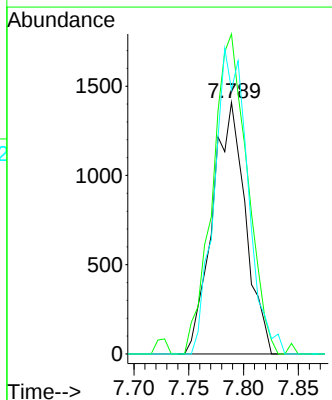
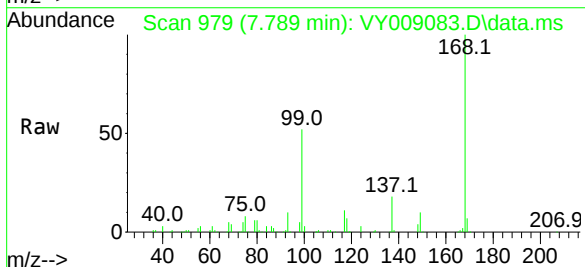
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(0.5-1)

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
72 31.4 17.7 26.5#



#31
Cyclohexane
Concen: 1.296 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009083.D
Acq: 25 May 2022 12:35

Tgt Ion: 56 Resp: 2960
Ion Ratio Lower Upper
56 100
69 127.3 26.7 40.1#
84 105.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.760 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009083.D

Acq: 25 May 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

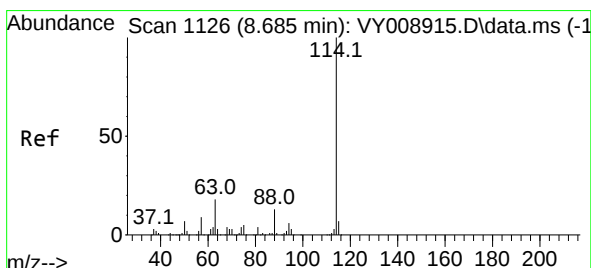
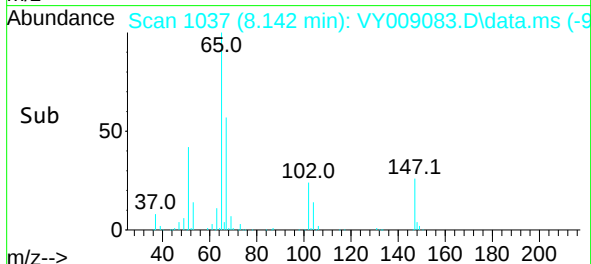
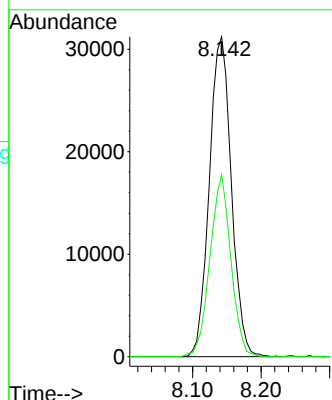
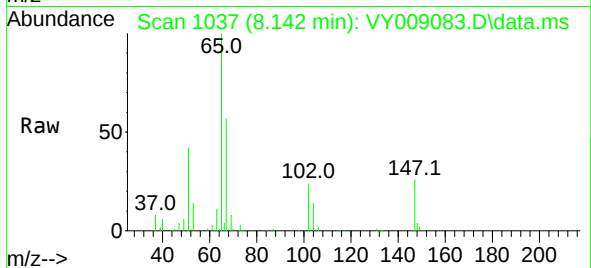
SB-10(0.5-1)

Tgt Ion: 65 Resp: 69750

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009083.D

Acq: 25 May 2022 12:35

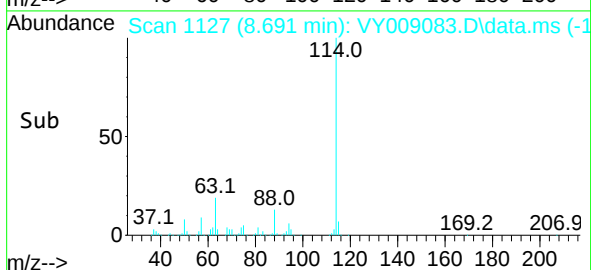
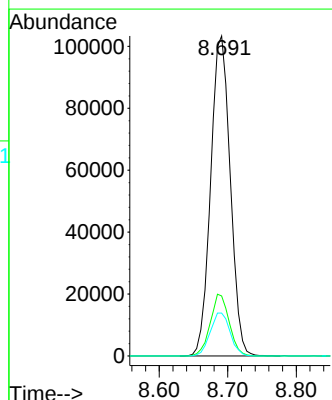
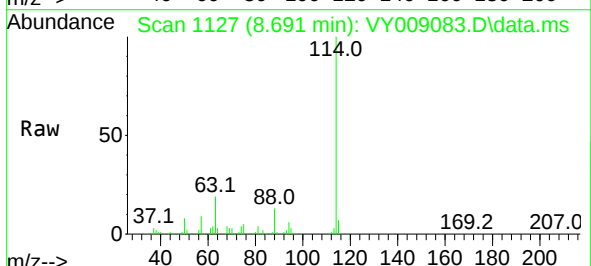
Tgt Ion: 114 Resp: 204847

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.987 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY009083.D

Acq: 25 May 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

SB-10(0.5-1)

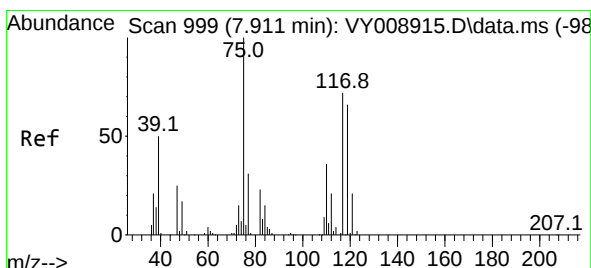
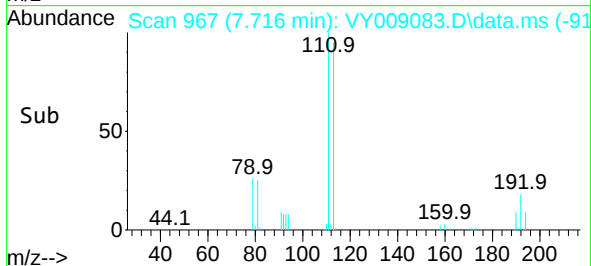
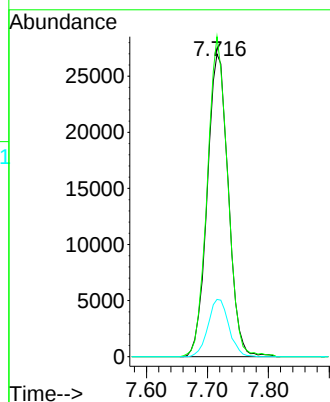
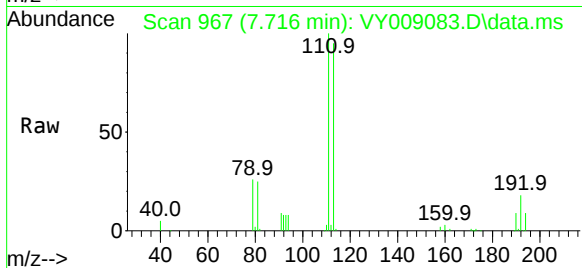
Tgt Ion:113 Resp: 64949

Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 18.7 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.552 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY009083.D

Acq: 25 May 2022 12:35

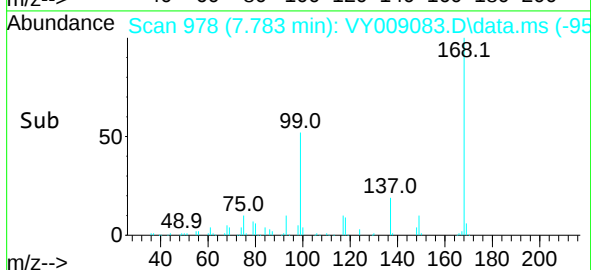
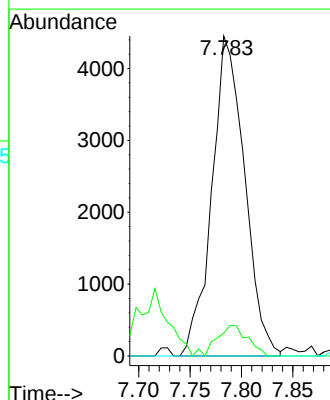
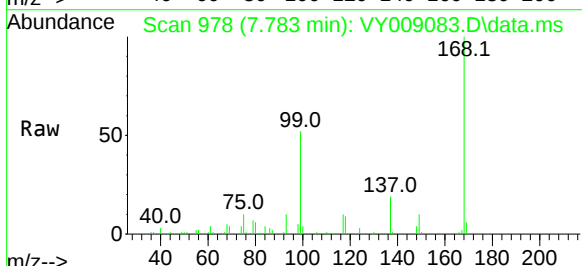
Tgt Ion: 75 Resp: 9867

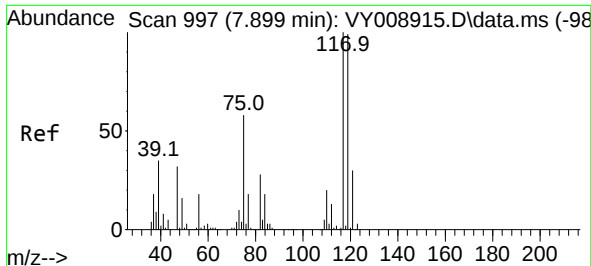
Ion Ratio Lower Upper

75 100

110 8.7 17.1 51.2#

77 0.0 24.4 36.6#

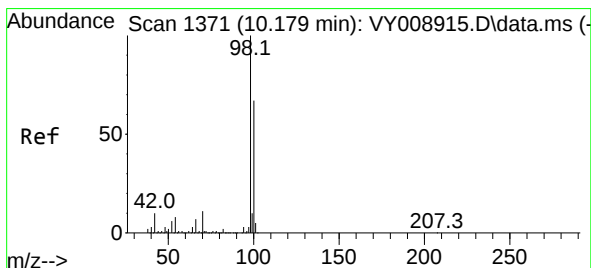
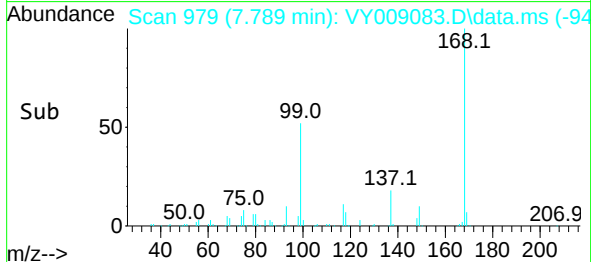
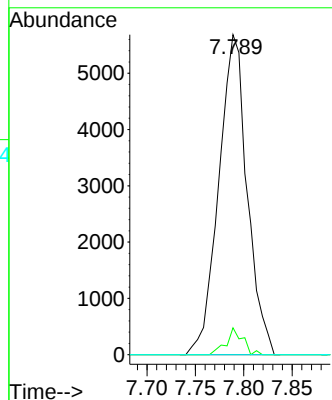
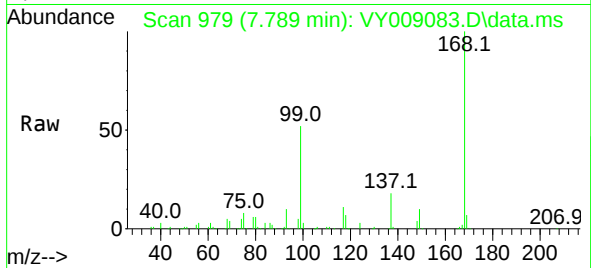




#38
Carbon Tetrachloride
Concen: 5.126 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009083.D
Acq: 25 May 2022 12:35

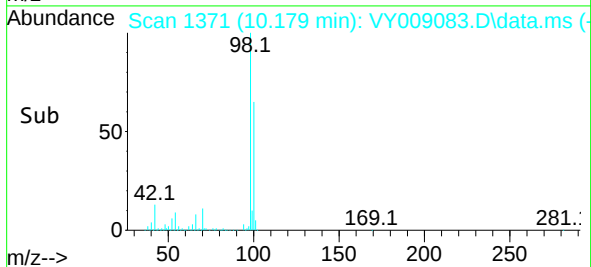
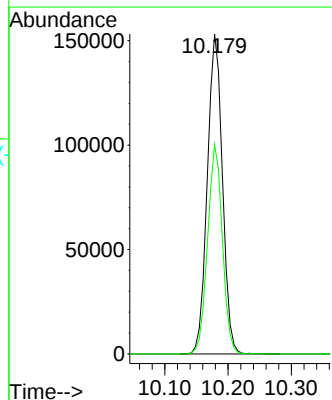
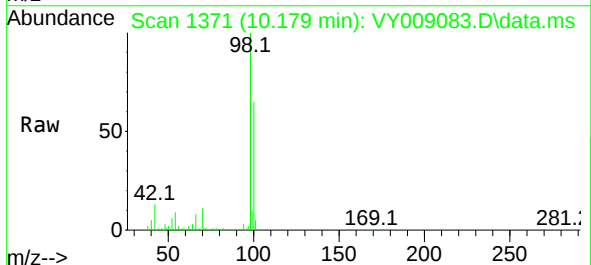
Instrument :
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SB-10(0.5-1)

Tgt Ion:117 Resp: 11625
Ion Ratio Lower Upper
117 100
119 8.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.156 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009083.D
Acq: 25 May 2022 12:35

Tgt Ion: 98 Resp: 254496
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 36.588 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009083.D

Acq: 25 May 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

SB-10(0.5-1)

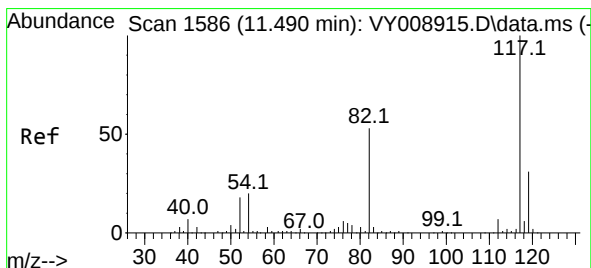
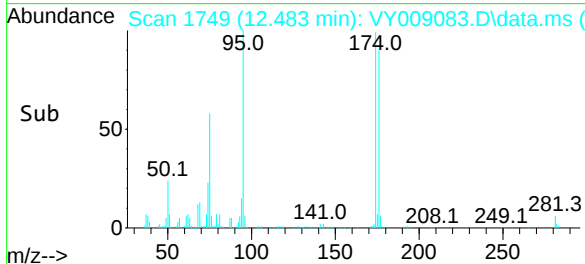
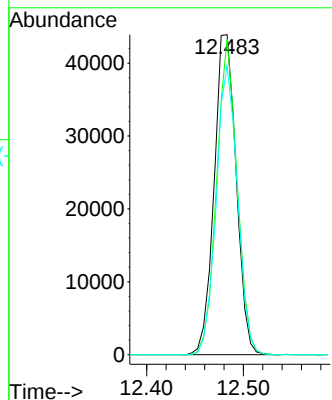
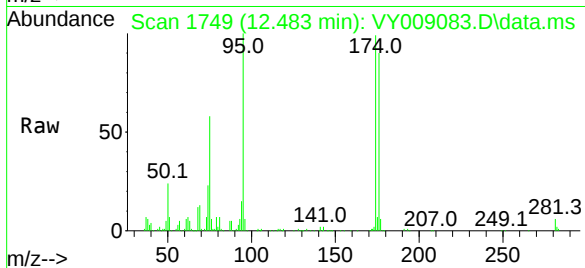
Tgt Ion: 95 Resp: 69358

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.0

176 86.9 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY009083.D

Acq: 25 May 2022 12:35

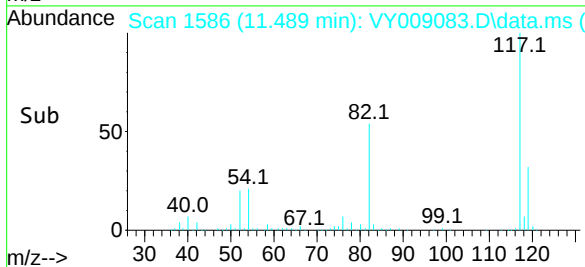
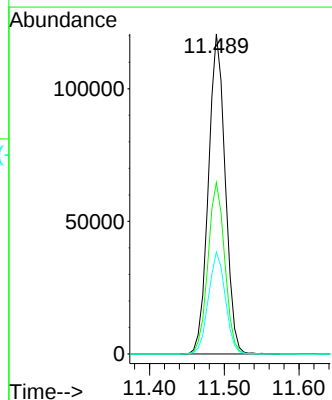
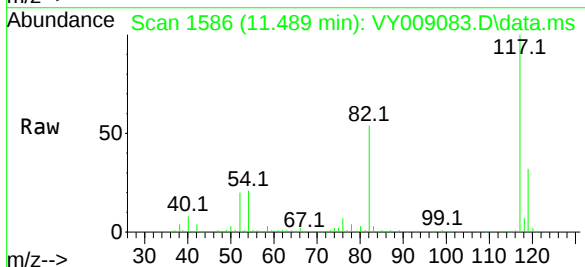
Tgt Ion: 117 Resp: 188162

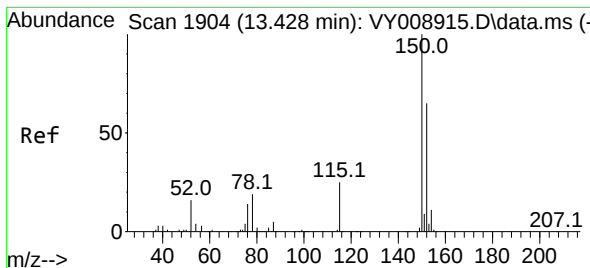
Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 31.9 25.4 38.0

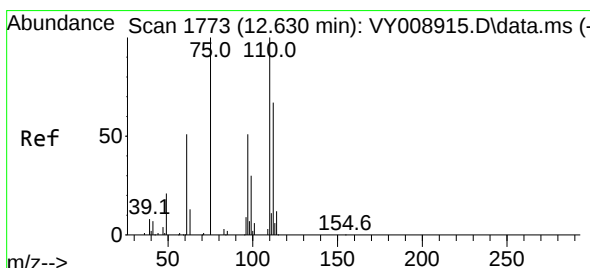
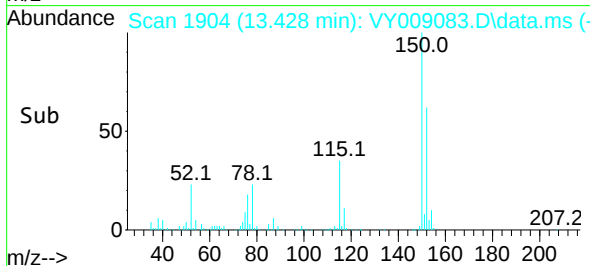
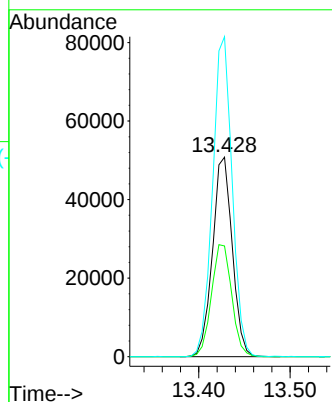
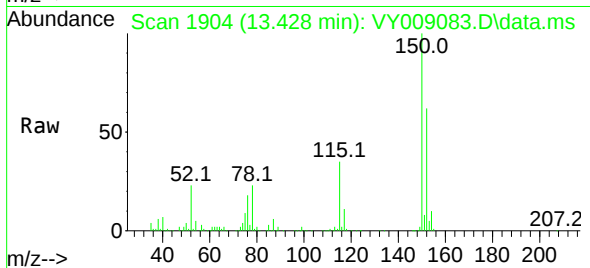




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009083.D
 Acq: 25 May 2022 12:35

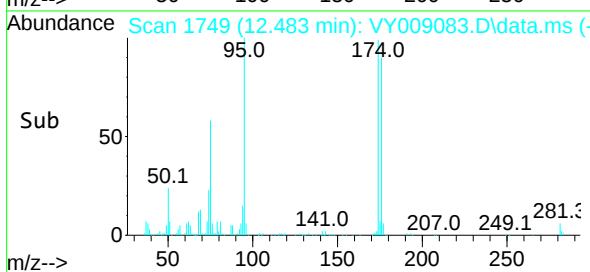
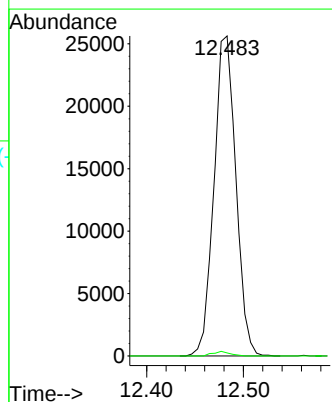
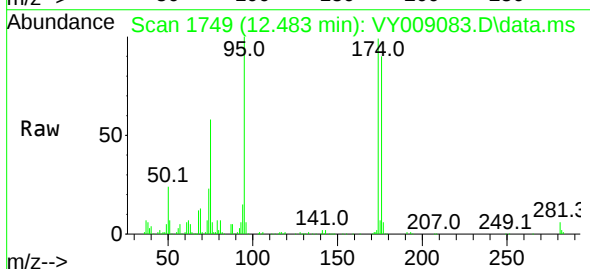
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(0.5-1)

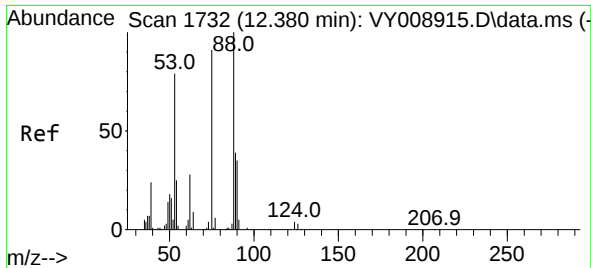
Tgt Ion:152 Resp: 76337
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.2 84.7
 150 158.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.088 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009083.D
 Acq: 25 May 2022 12:35

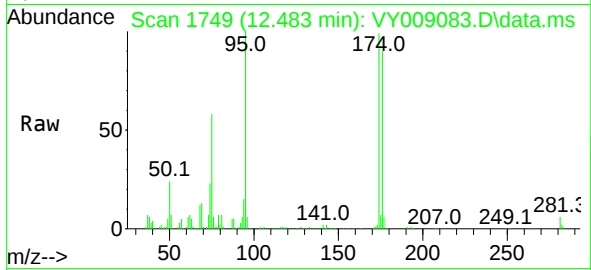
Tgt Ion: 75 Resp: 40241
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.754 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009083.D
 Acq: 25 May 2022 12:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(0.5-1)



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

