

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009084.D
 Acq On : 25 May 2022 12:59
 Operator : KP/MD
 Sample : N2981-12
 Misc : 3.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(1.5-2)

Quant Time: May 26 04:27:44 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	57701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	100700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	93798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	37901	63.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.640%	
35) Dibromofluoromethane	7.722	113	34037	54.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.720%	
50) Toluene-d8	10.179	98	125814	54.462	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.920%	
62) 4-Bromofluorobenzene	12.483	95	33977	36.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.920%	
Target Compounds						
16) Acetone	3.948	43	2891	23.387	ug/l #	82
20) Methylene Chloride	4.710	84	2722	Below Cal	#	61
25) 2-Butanone	6.978	43	1200	5.435	ug/l #	87
31) Cyclohexane	7.789	56	1468	1.264	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	5334	5.005	ug/l #	50
37) Ethyl Acetate	6.978	43	1200	2.171	ug/l #	41
38) Carbon Tetrachloride	7.789	117	6189	5.552	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	20337	48.574	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20337	99.697	ug/l #	7

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

Quant Time: May 26 04:27:44 2022
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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

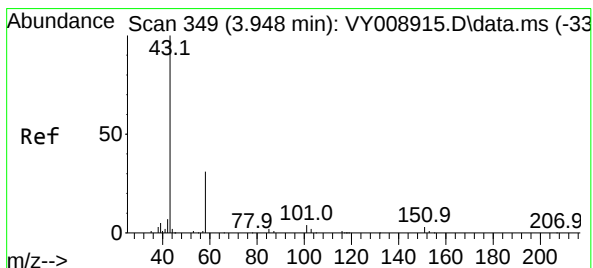
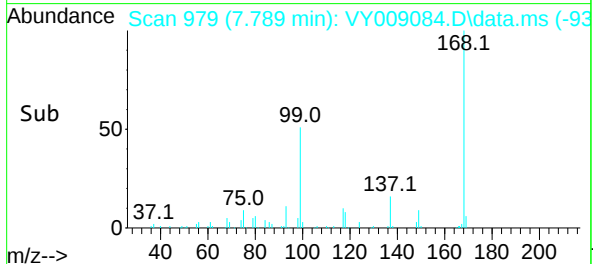
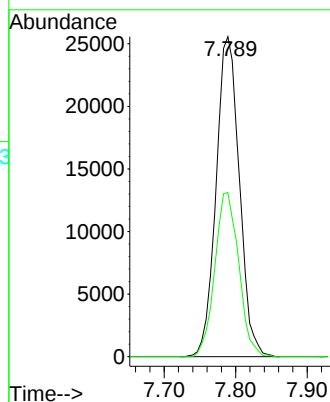
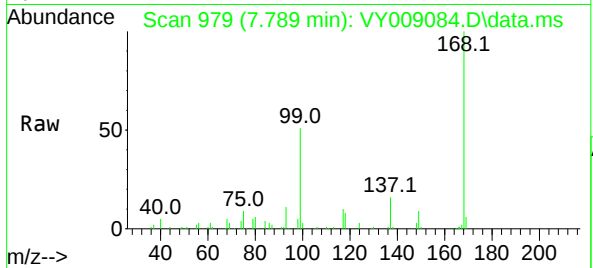




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

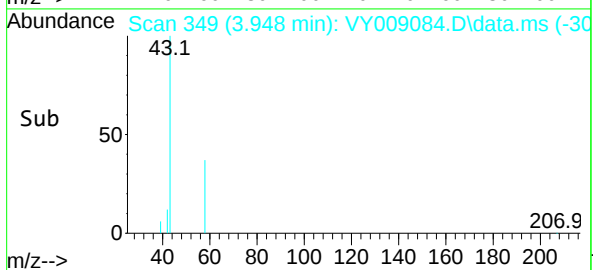
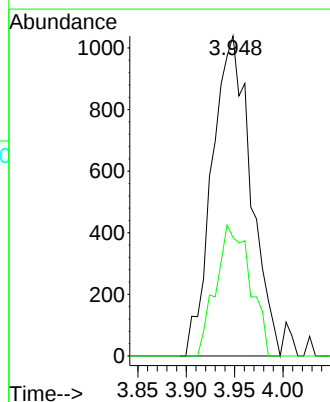
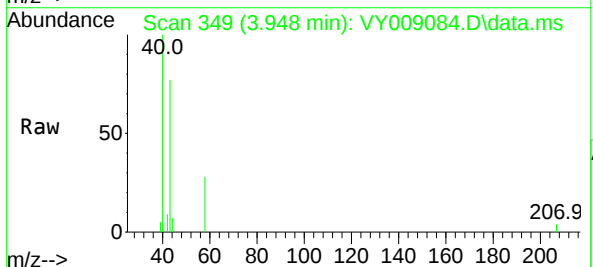
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

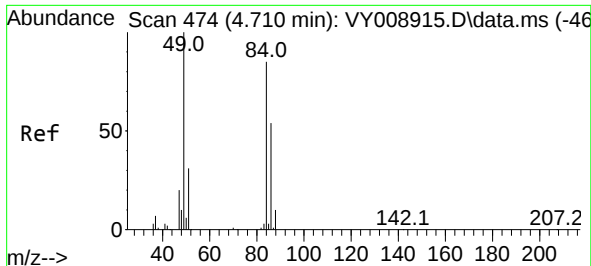
Tgt Ion:168 Resp: 57701
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#16
Acetone
Concen: 23.387 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

Tgt Ion: 43 Resp: 2891
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#

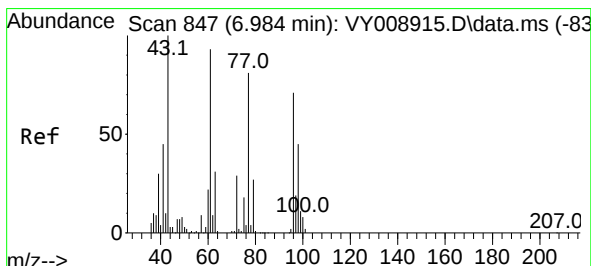
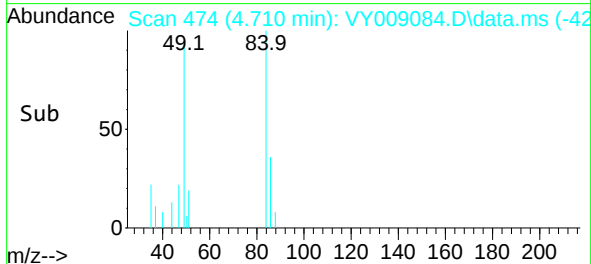
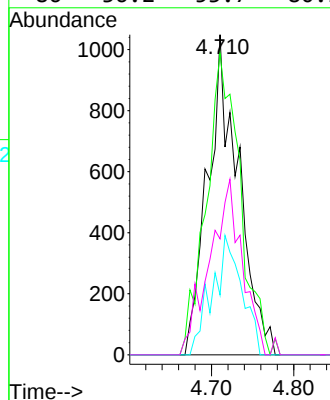
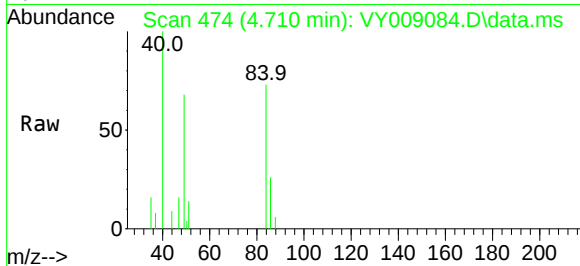




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

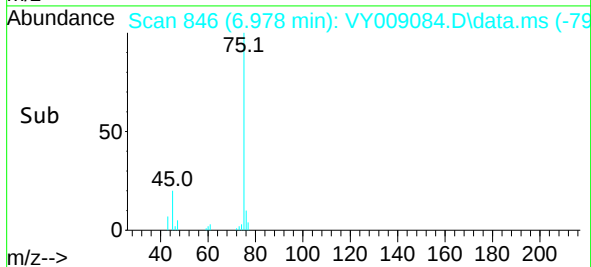
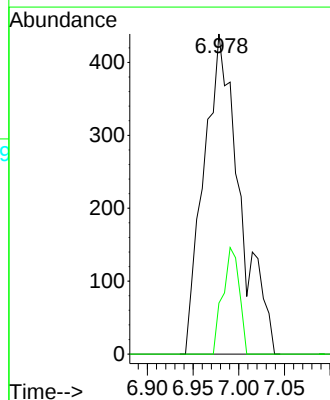
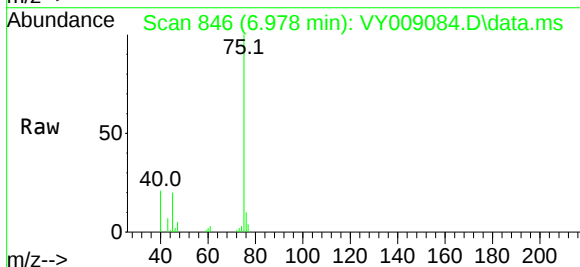
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

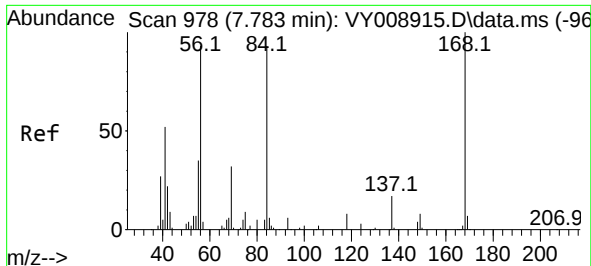
Tgt Ion: 84 Resp: 2722
Ion Ratio Lower Upper
84 100
49 94.1 114.4 171.6#
51 18.7 35.3 52.9#
86 36.2 53.7 80.5#



#25
2-Butanone
Concen: 5.435 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
72 15.9 17.7 26.5#

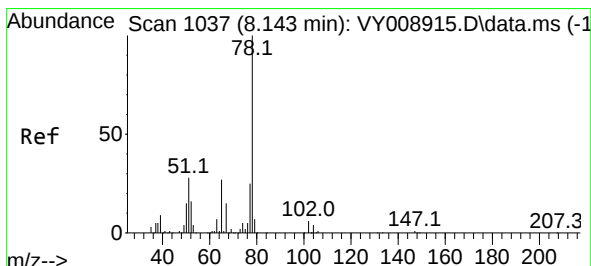
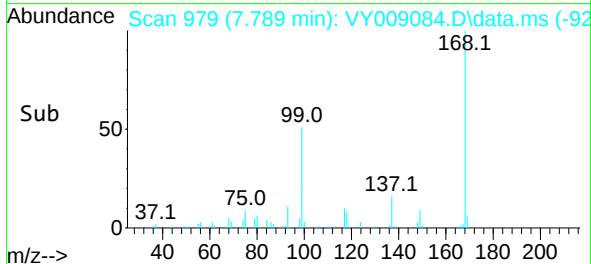
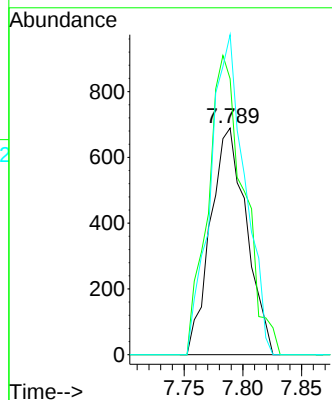
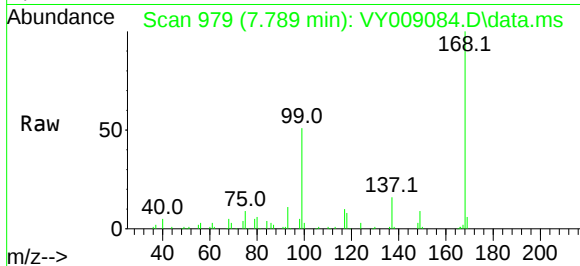




#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

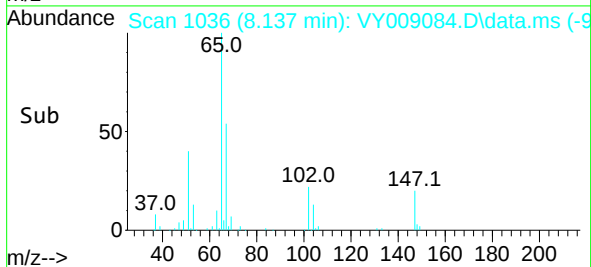
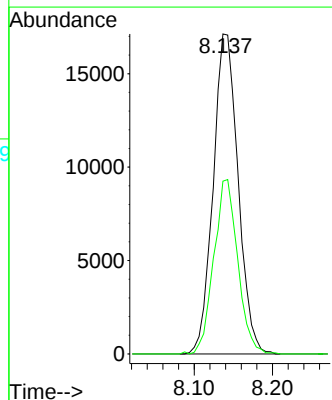
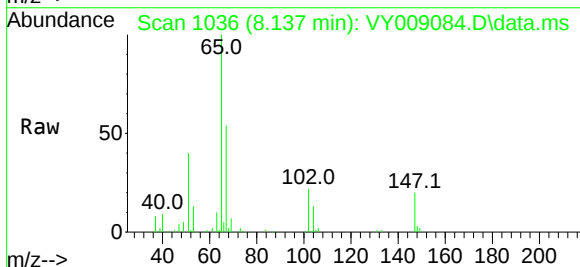
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

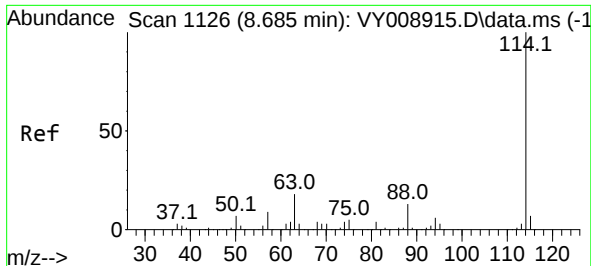
Tgt Ion: 56 Resp: 1468
Ion Ratio Lower Upper
56 100
69 121.8 26.7 40.1#
84 141.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.823 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

Tgt Ion: 65 Resp: 37901
Ion Ratio Lower Upper
65 100
67 52.4 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: VY009084.D

Acq: 25 May 2022 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-10(1.5-2)

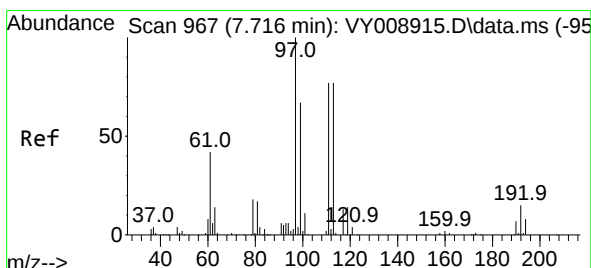
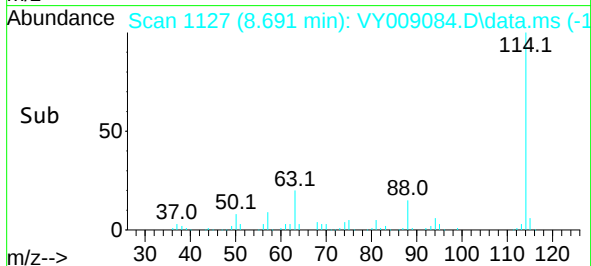
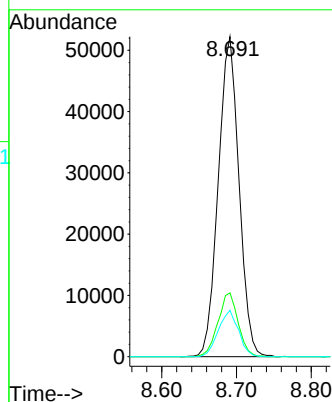
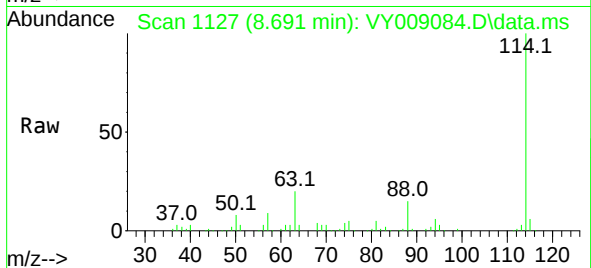
Tgt Ion:114 Resp: 100700

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.355 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY009084.D

Acq: 25 May 2022 12:59

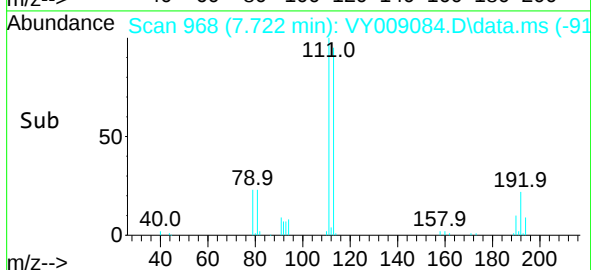
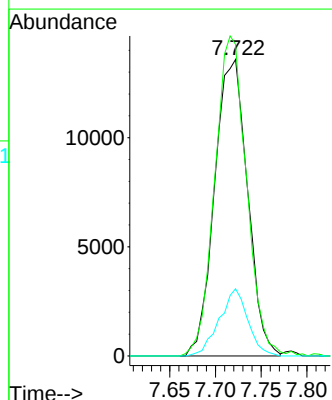
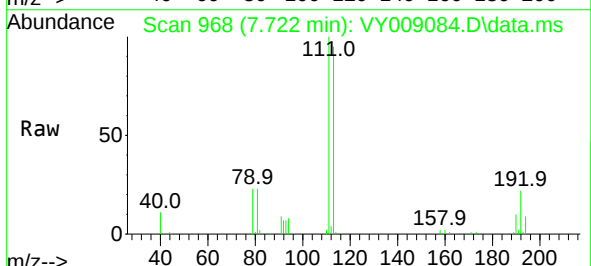
Tgt Ion:113 Resp: 34037

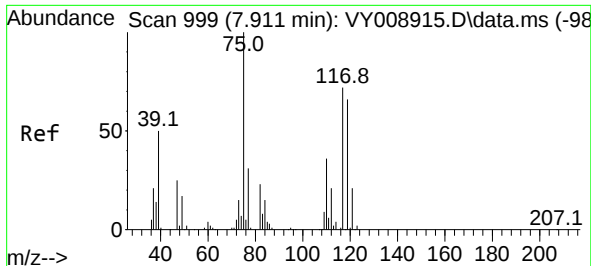
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 19.6 17.6 26.4

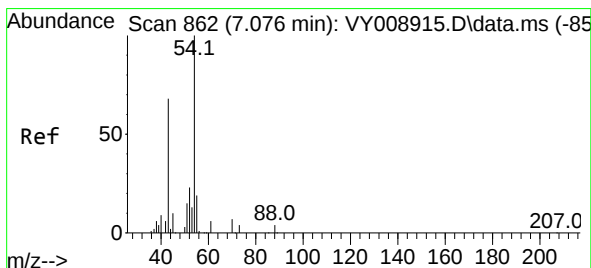
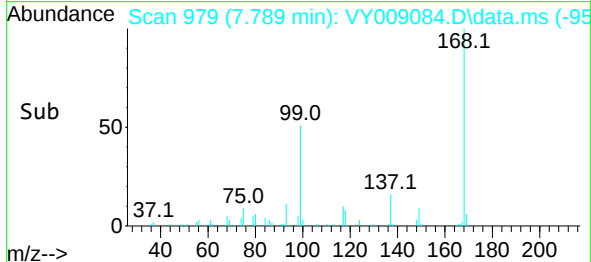
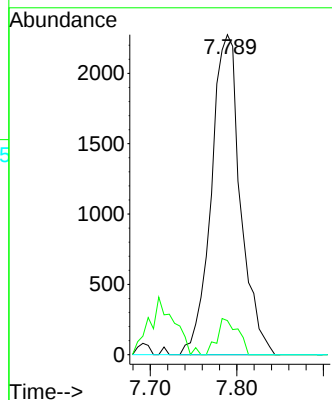
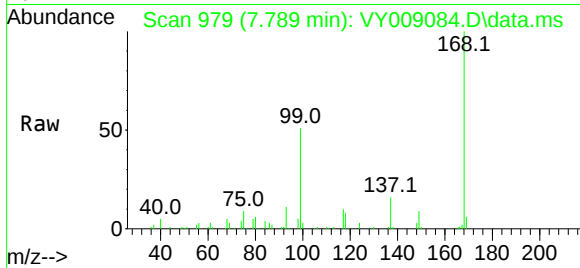




#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

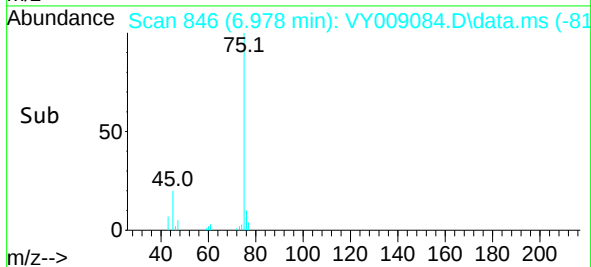
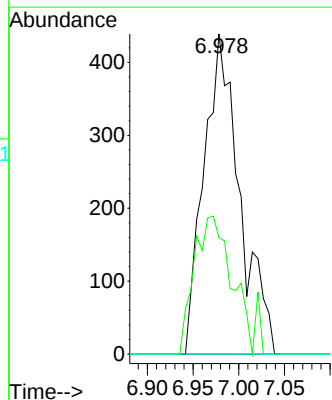
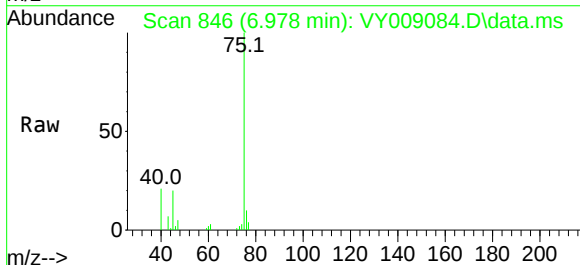
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

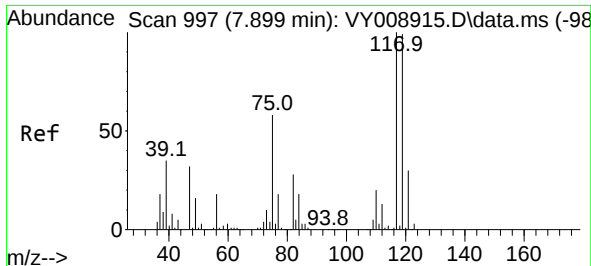
Tgt Ion: 75 Resp: 5334
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.171 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.098 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

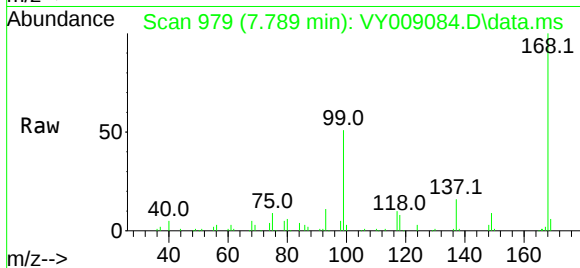
Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
61 45.0 9.7 14.5#
70 0.0 7.1 10.7#



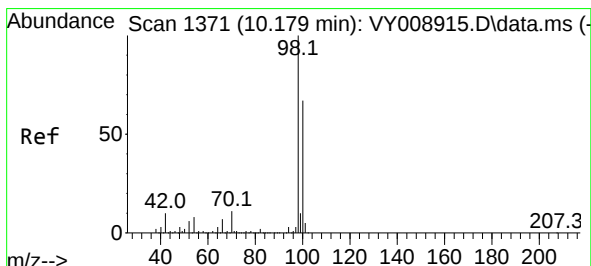
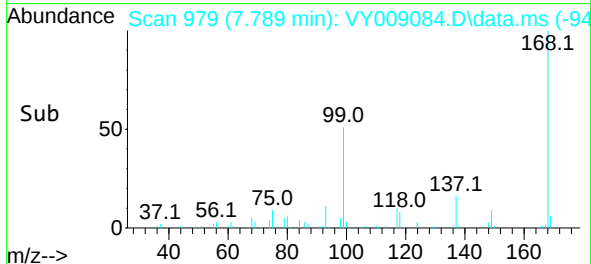
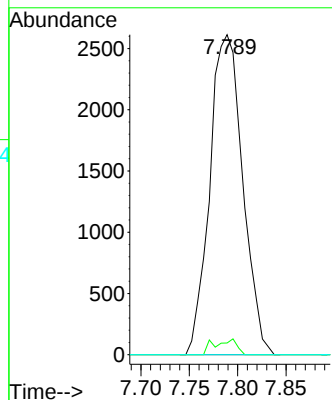


#38
Carbon Tetrachloride
Concen: 5.552 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

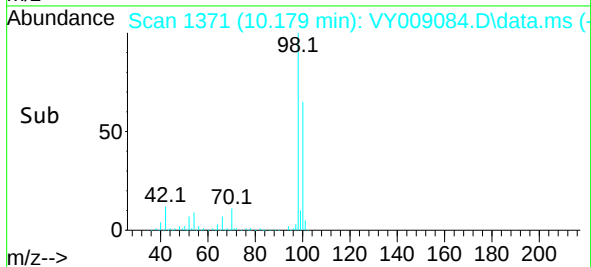
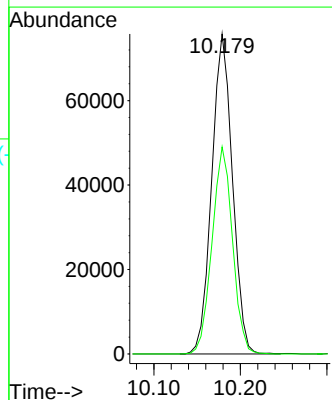
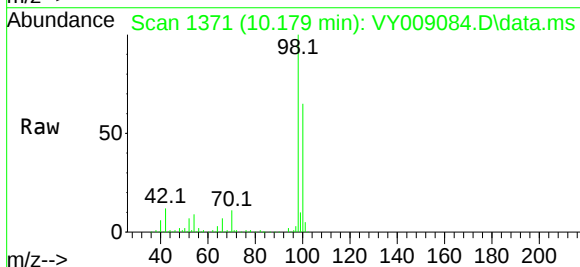


Tgt Ion:117 Resp: 6189
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.462 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

Tgt Ion: 98 Resp: 125814
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

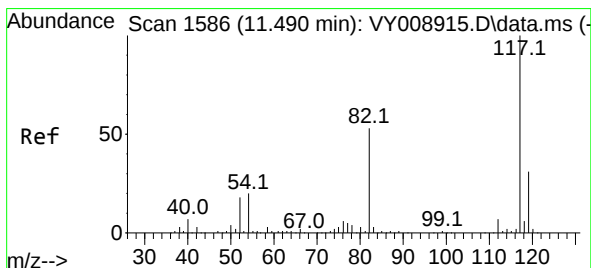
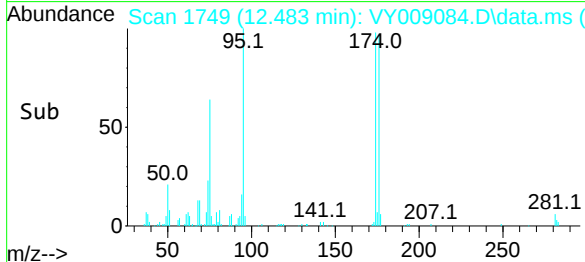
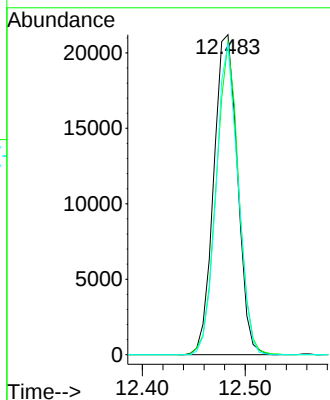
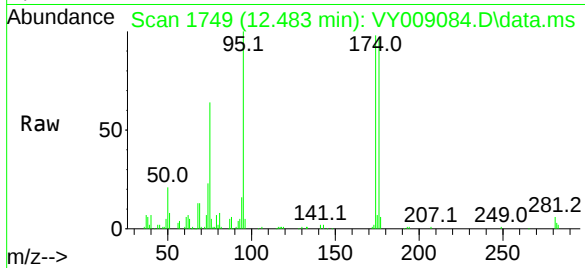




#62
4-Bromofluorobenzene
Concen: 36.461 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

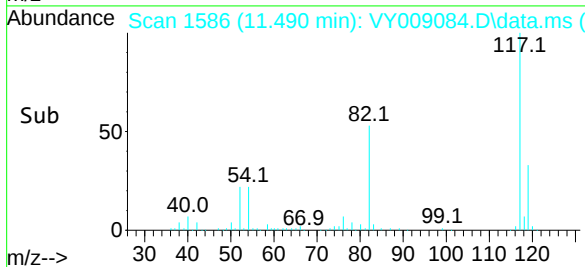
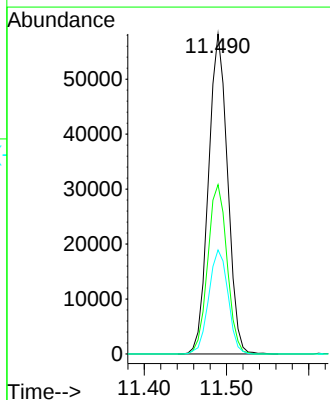
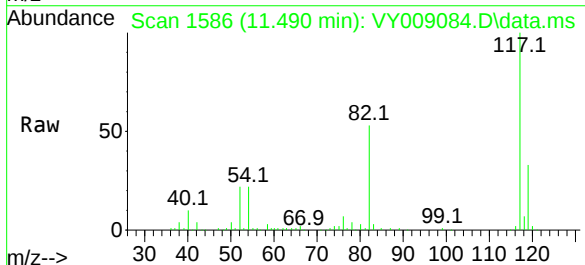
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

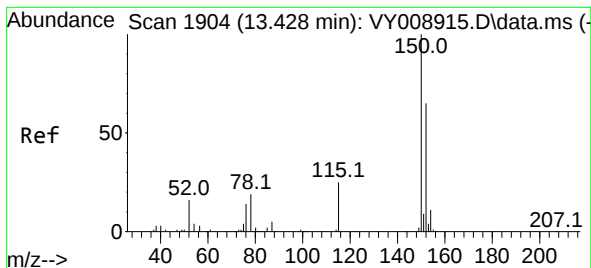
Tgt Ion: 95 Resp: 33977
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 90.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

Tgt Ion: 117 Resp: 93798
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.5 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: VY009084.D

Acq: 25 May 2022 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-10(1.5-2)

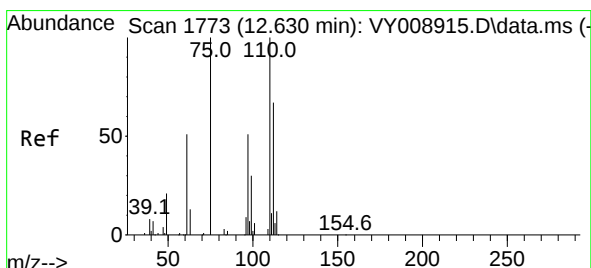
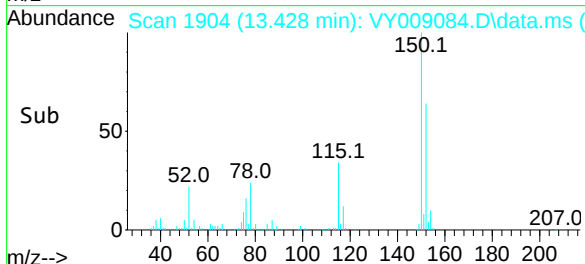
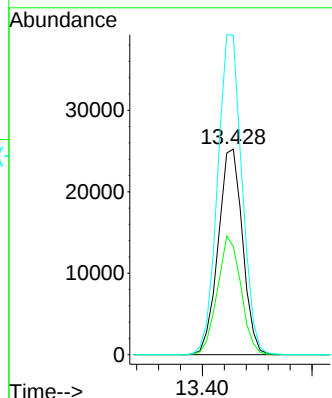
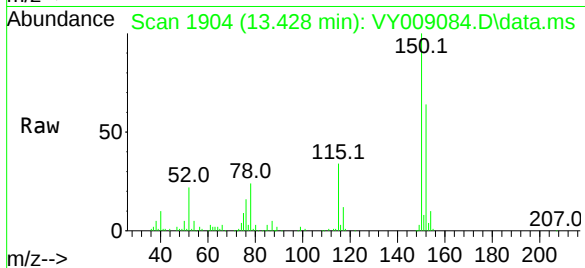
Tgt Ion:152 Resp: 38988

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 155.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 48.574 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY009084.D

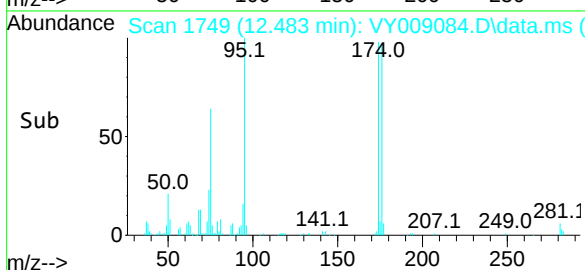
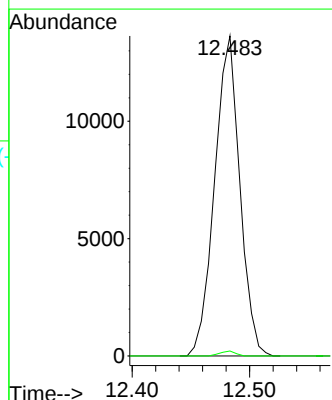
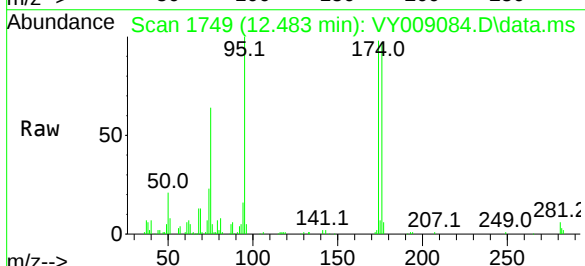
Acq: 25 May 2022 12:59

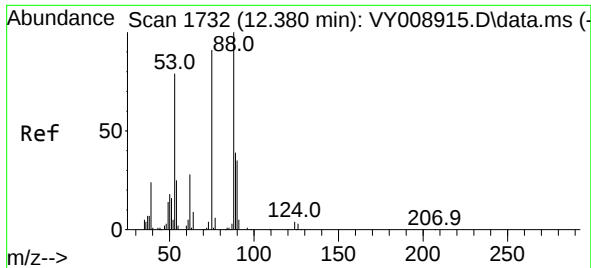
Tgt Ion: 75 Resp: 20337

Ion Ratio Lower Upper

75 100

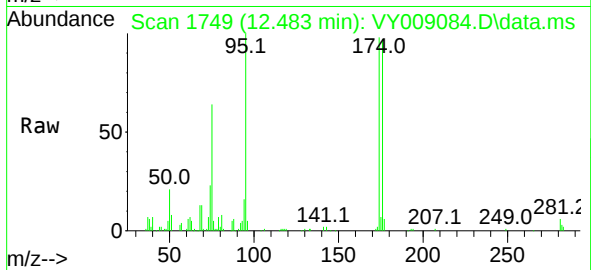
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.697 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009084.D
 Acq: 25 May 2022 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(1.5-2)



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

