

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007184.D
 Acq On : 17 Jan 2022 13:58
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 18 03:08:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

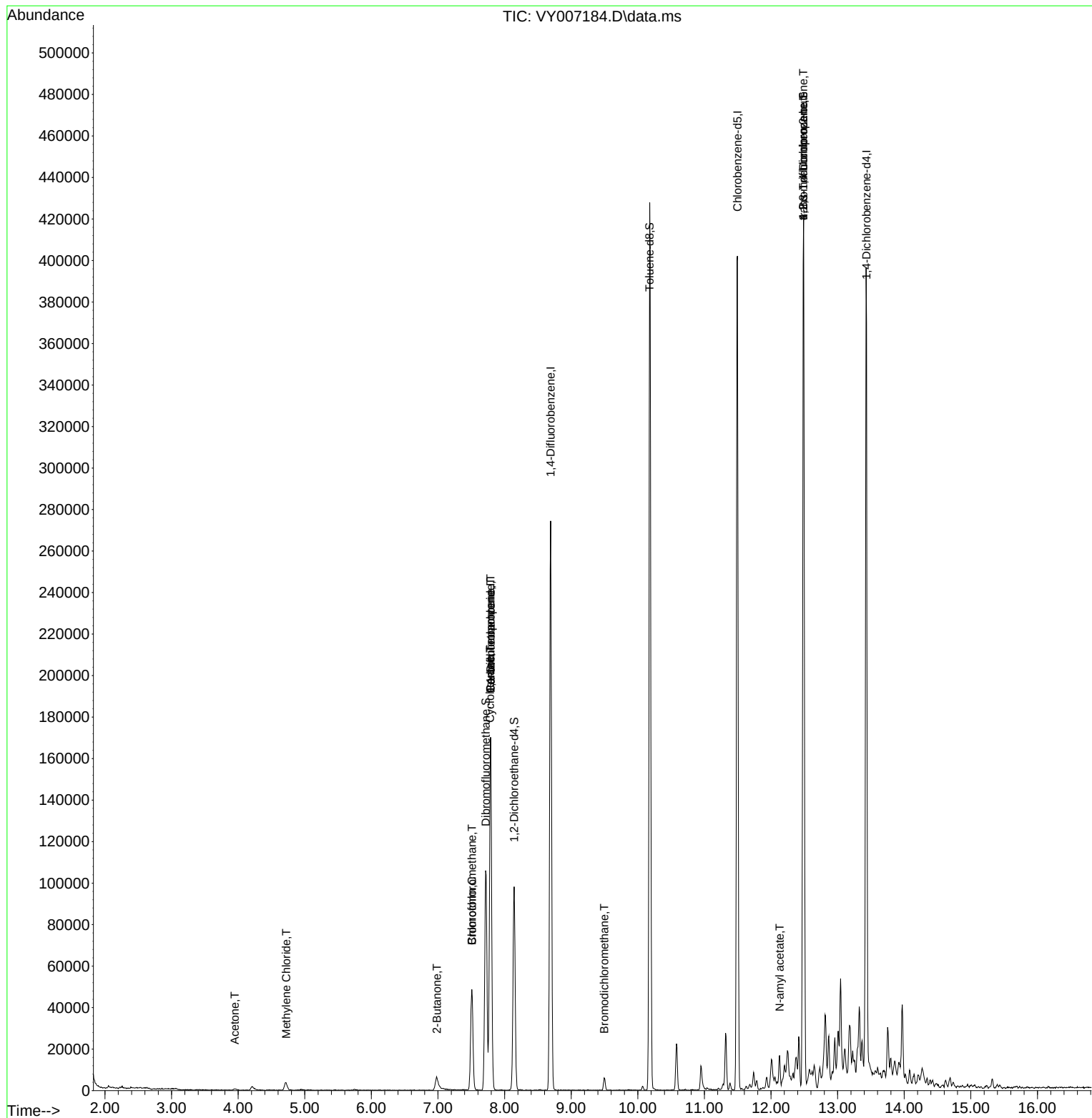
Internal Standards						
1) Pentafluorobenzene	7.789	168	122113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	217099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78154	52.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.320%	
35) Dibromofluoromethane	7.716	113	76346	49.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.160%	
50) Toluene-d8	10.179	98	280007	49.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.483	95	103290	51.609	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.220%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1537	3.953	ug/l #	86
20) Methylene Chloride	4.722	84	2628	1.634	ug/l #	90
25) 2-Butanone	6.984	43	709	1.410	ug/l #	47
28) Bromochloromethane	7.508	49	3920	3.969	ug/l #	11
30) Chloroform	7.508	83	47592	16.776	ug/l	95
31) Cyclohexane	7.783	56	2793	1.103	ug/l #	4
36) 1,1-Dichloropropene	7.789	75	11095	4.511	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13936	5.387	ug/l #	15
47) Bromodichloromethane	9.496	83	4035	1.664	ug/l	99
74) N-amyl acetate	12.130	43	3120	1.437	ug/l #	62
76) 1,2,3-Trichloropropane	12.483	75	57033	53.221	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57033	97.432	ug/l #	4

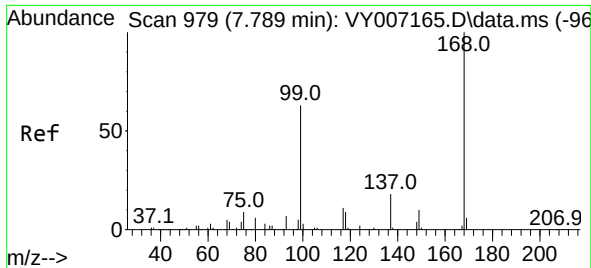
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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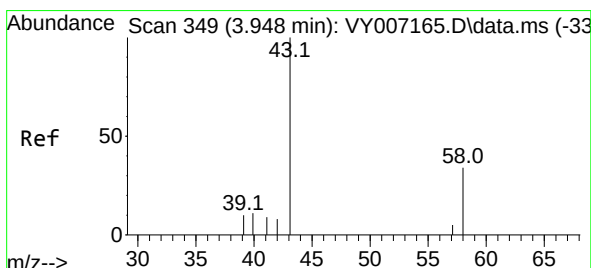
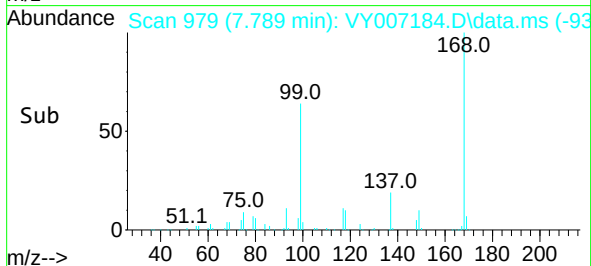
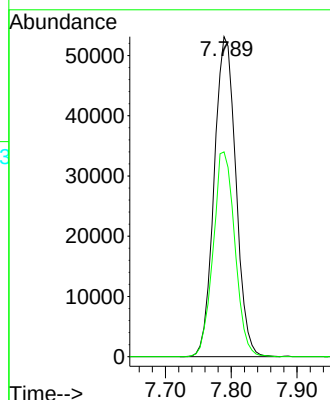
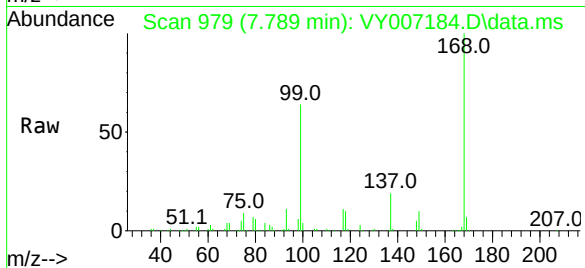




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

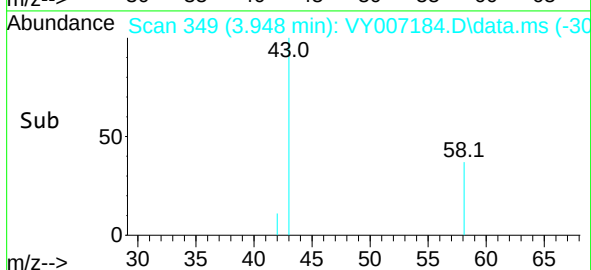
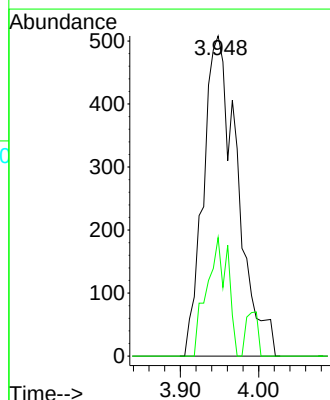
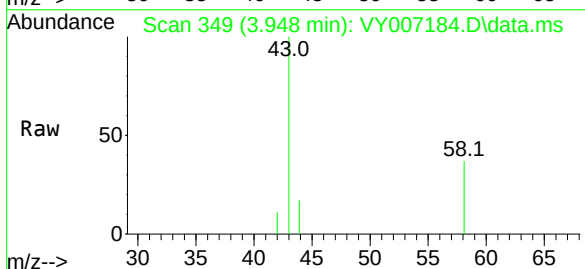
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

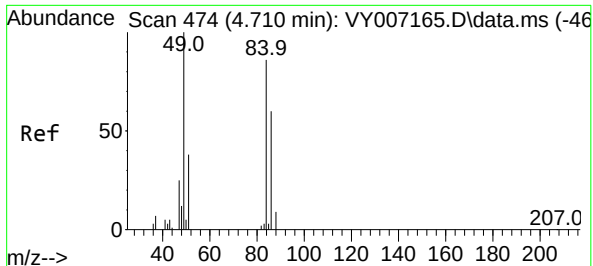
Tgt Ion:168 Resp: 122113
Ion Ratio Lower Upper
168 100
99 64.0 49.1 73.7



#16
Acetone
Concen: 3.953 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

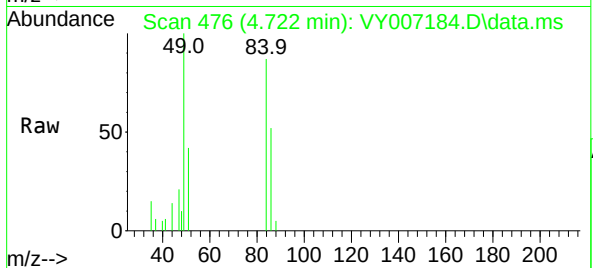
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 37.0 23.8 35.6#



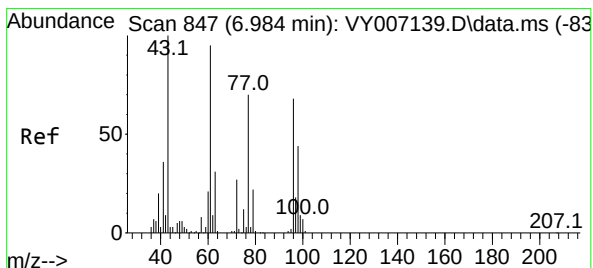
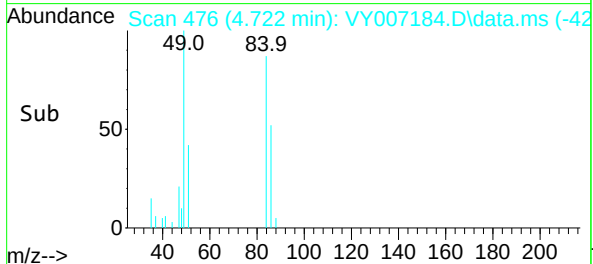
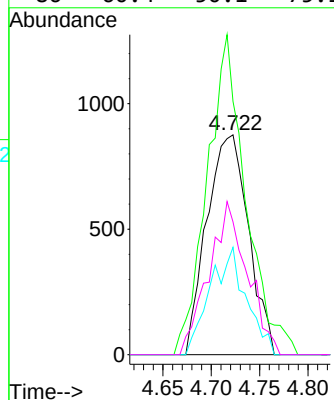


#20
Methylene Chloride
Concen: 1.634 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

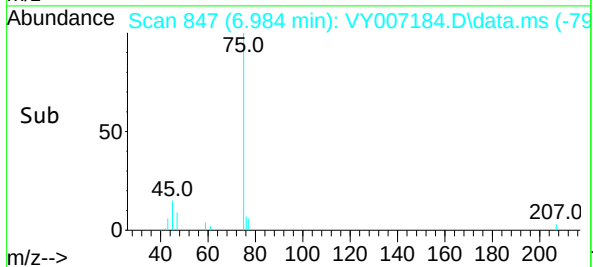
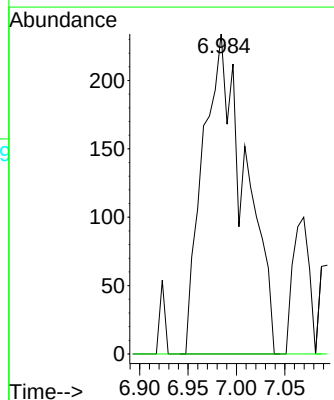
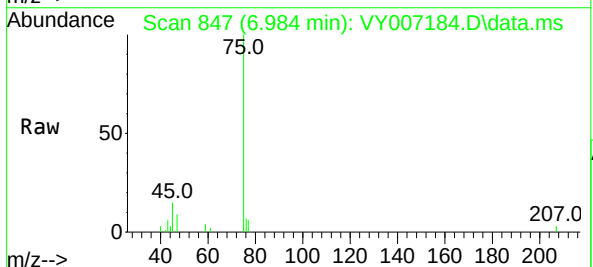


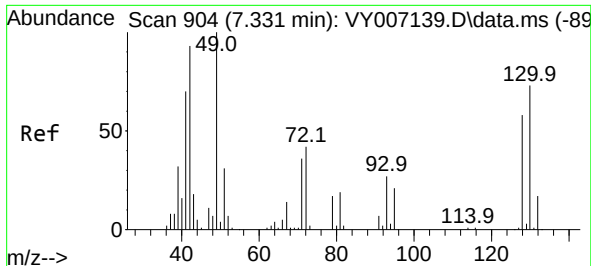
Tgt Ion: 84	Resp: 2628
Ion Ratio	Lower Upper
84 100	
49 105.8	92.6 139.0
51 48.9	28.6 42.8#
86 60.4	50.1 75.1



#25
2-Butanone
Concen: 1.410 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

Tgt Ion: 43	Resp: 709		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	21.9	32.9#	

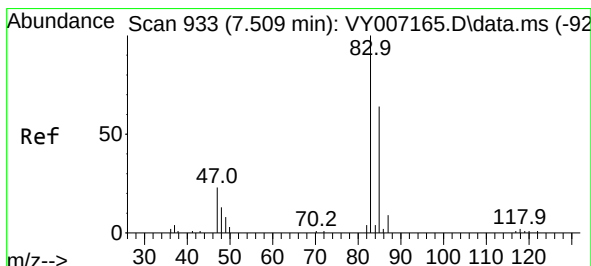
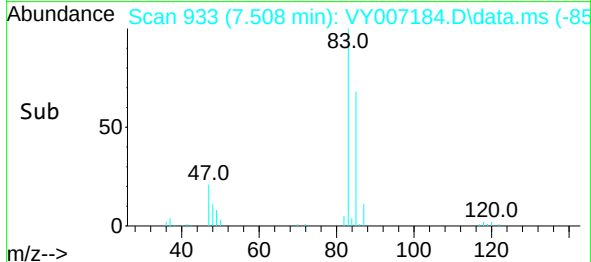
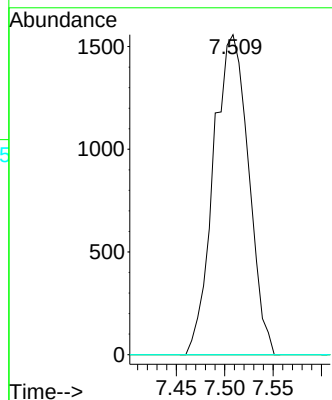
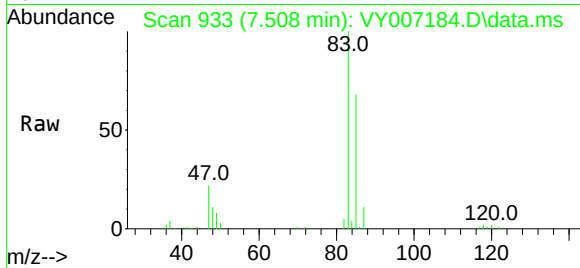




#28
Bromochloromethane
Concen: 3.969 ug/l
RT: 7.508 min Scan# 911
Delta R.T. 0.177 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

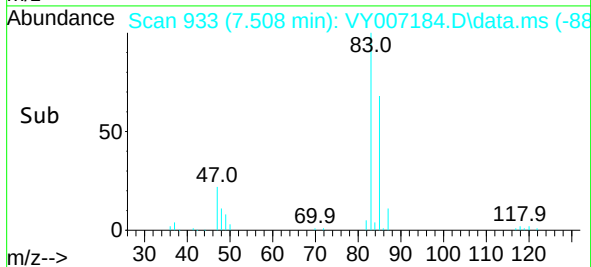
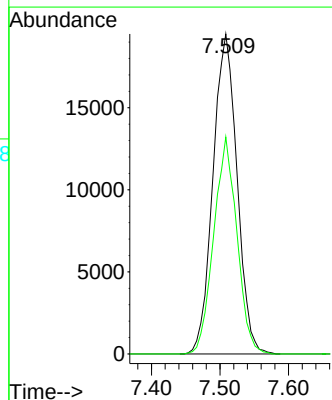
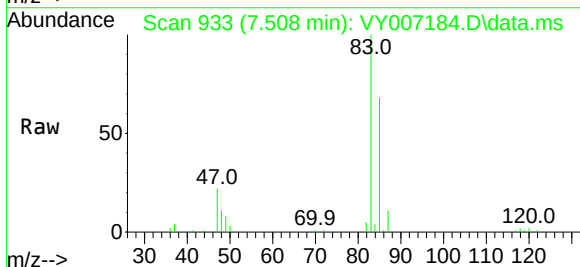
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

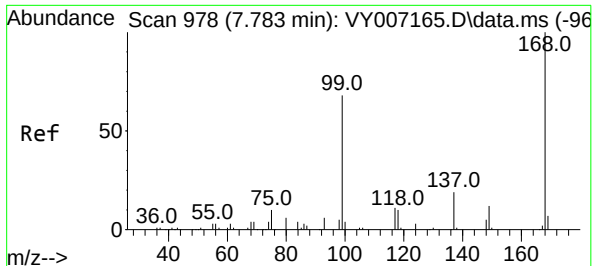
Tgt Ion: 49 Resp: 3920
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 65.0 97.4#



#30
Chloroform
Concen: 16.776 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

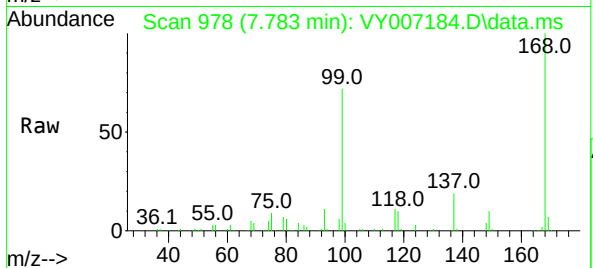
Tgt Ion: 83 Resp: 47592
Ion Ratio Lower Upper
83 100
85 67.8 50.9 76.3



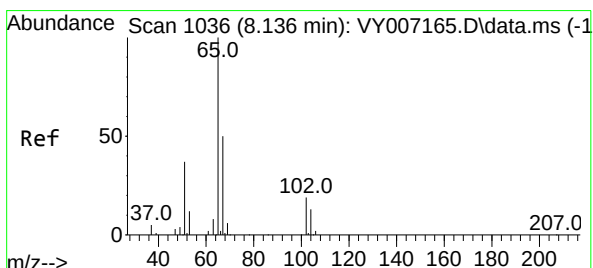
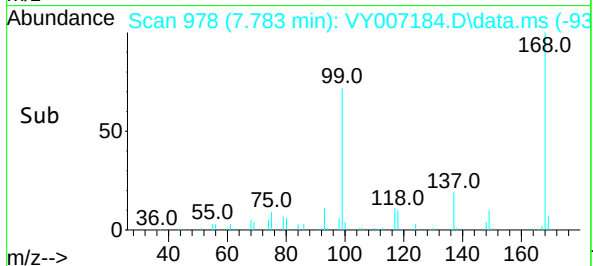
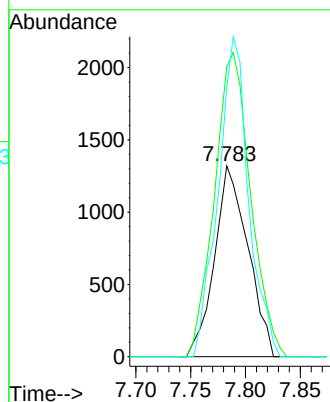


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

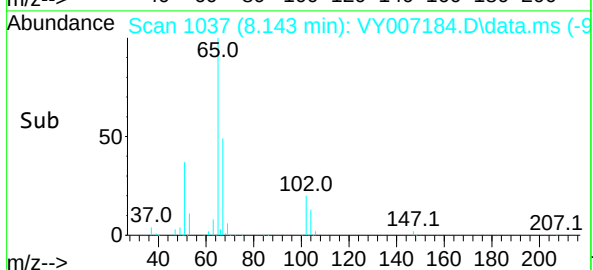
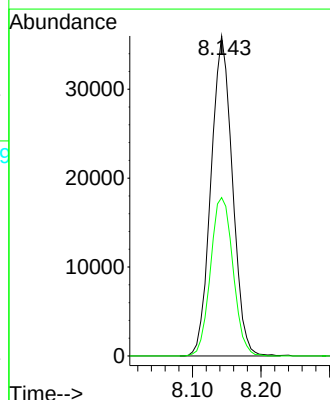
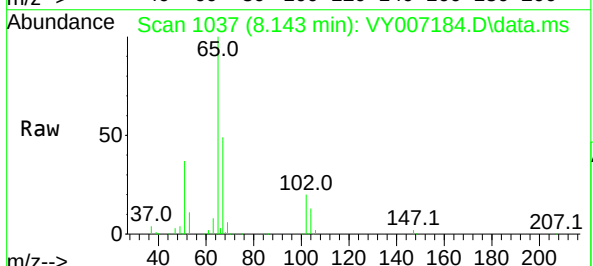


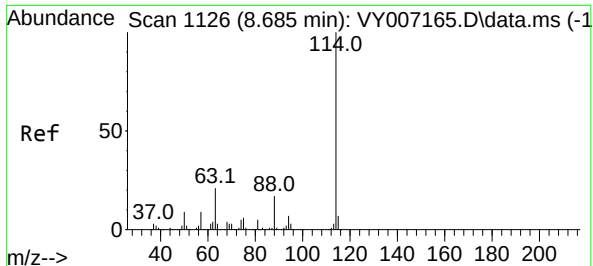
Tgt Ion: 56 Resp: 2793
Ion Ratio Lower Upper
56 100
69 151.9 27.2 40.8#
84 141.3 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 52.160 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

Tgt Ion: 65 Resp: 78154
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6

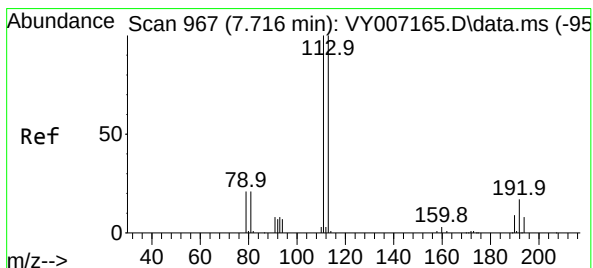
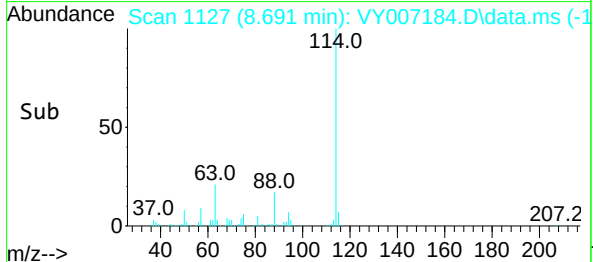
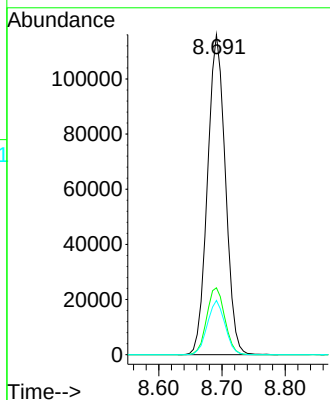
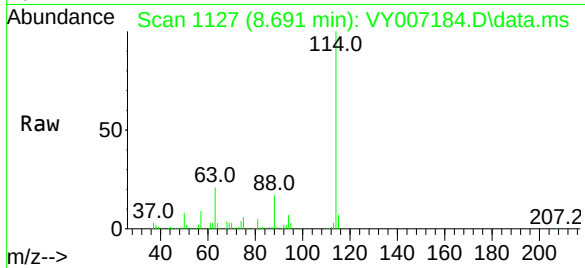




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

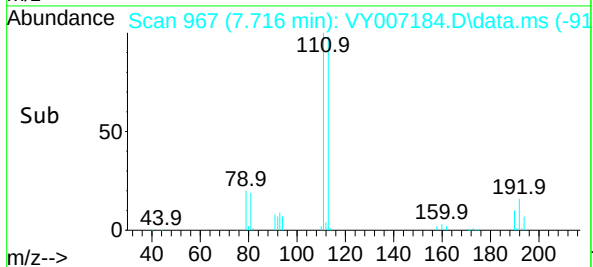
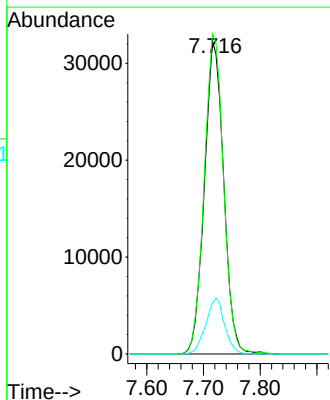
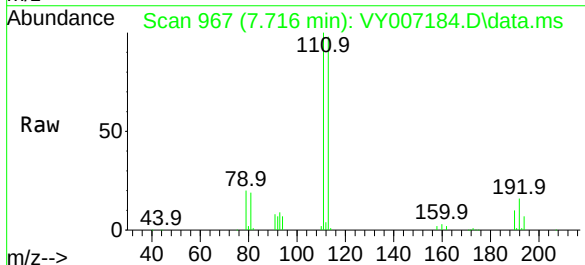
Instrument :
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ClientSampleId :
VIBLK

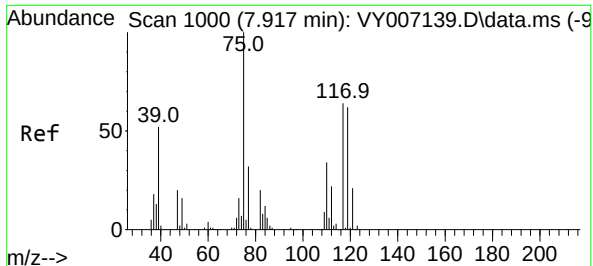
Tgt Ion:114 Resp: 227722
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.2
88 16.9 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.581 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

Tgt Ion:113 Resp: 76346
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.3 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.511 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007184.D

Acq: 17 Jan 2022 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

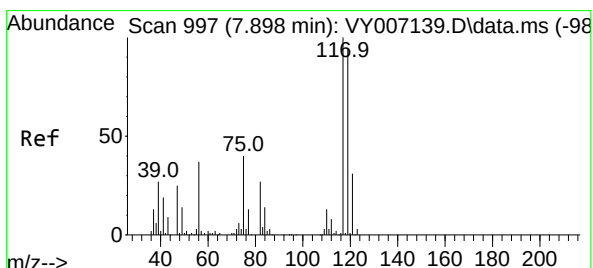
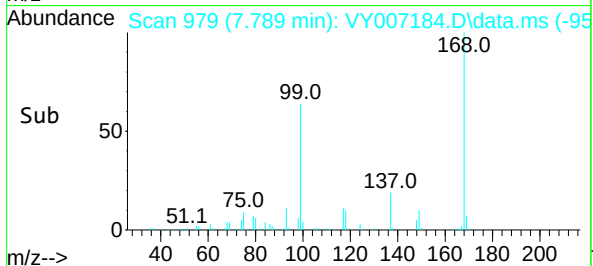
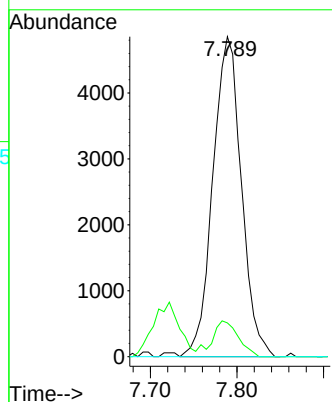
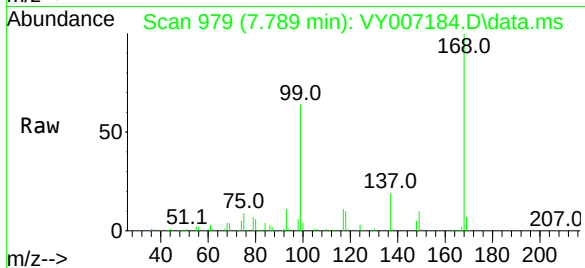
Tgt Ion: 75 Resp: 11095

Ion Ratio Lower Upper

75 100

110 10.2 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.387 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY007184.D

Acq: 17 Jan 2022 13:58

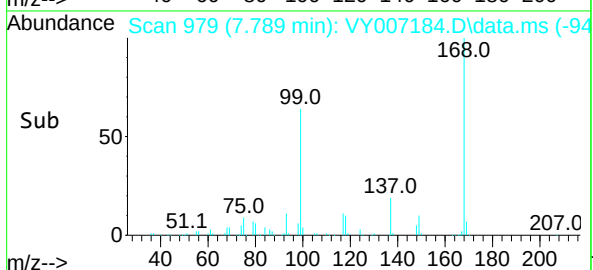
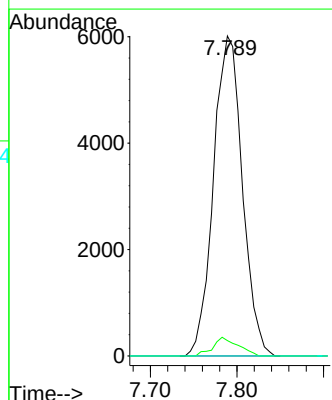
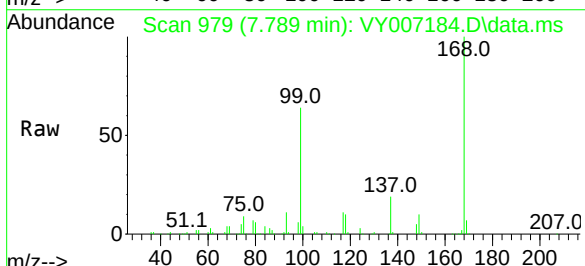
Tgt Ion: 117 Resp: 13936

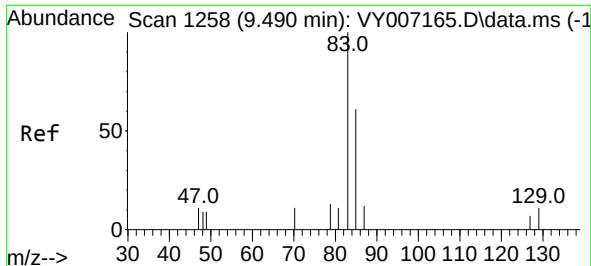
Ion Ratio Lower Upper

117 100

119 4.8 77.2 115.8#

121 0.0 24.2 36.2#

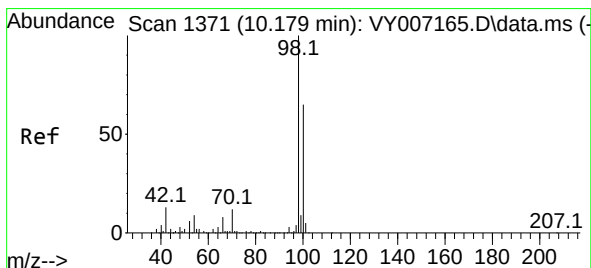
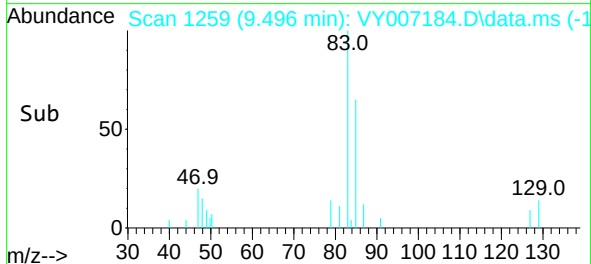
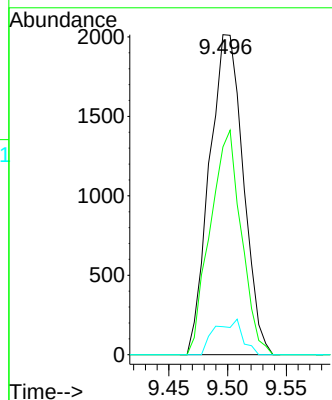
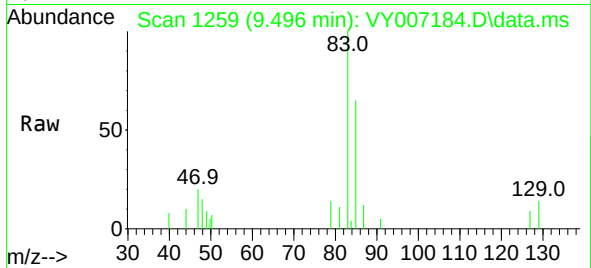




#47
Bromodichloromethane
Concen: 1.664 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

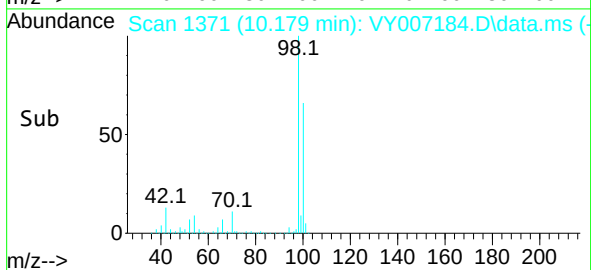
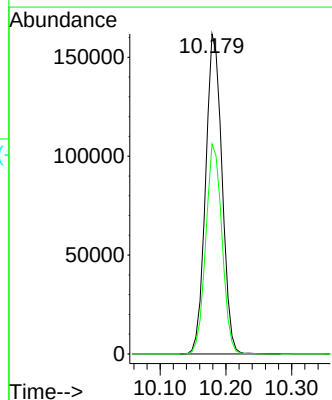
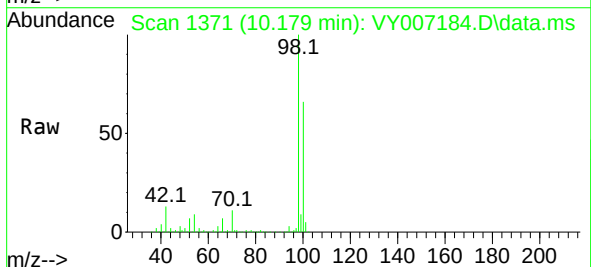
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

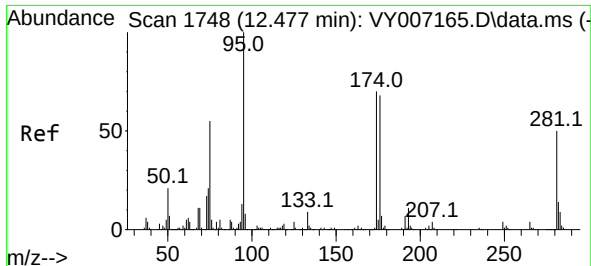
Tgt Ion:	83	Resp:	4035
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.4	77.2
127	8.8	6.5	9.7



#50
Toluene-d8
Concen: 49.766 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

Tgt Ion:	98	Resp:	280007
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.2	78.2

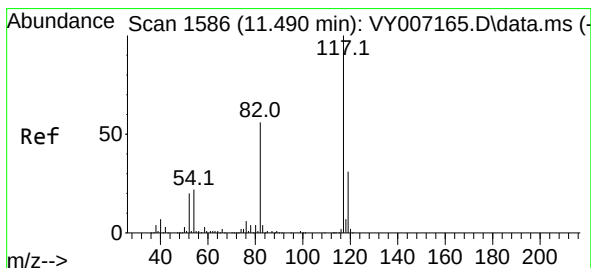
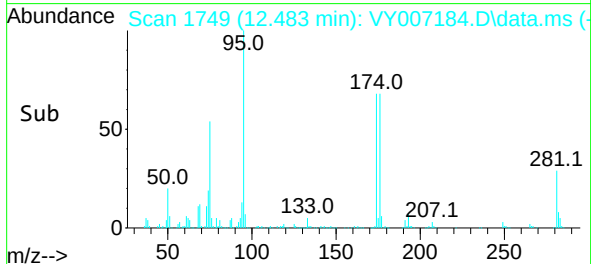
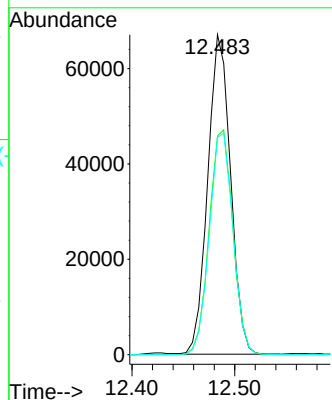
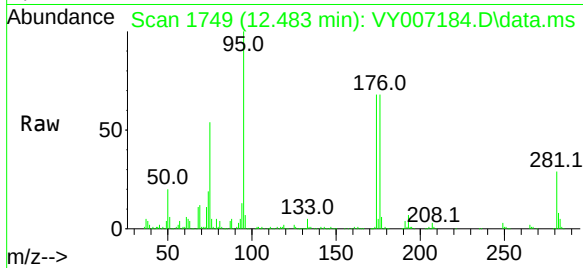




#62
4-Bromofluorobenzene
Concen: 51.609 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

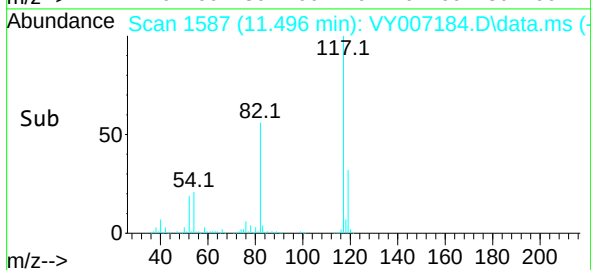
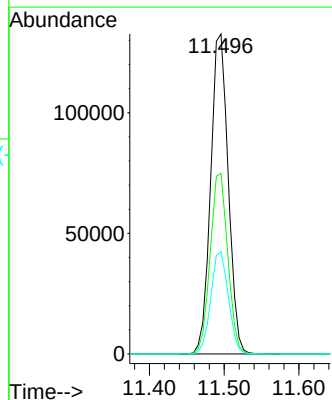
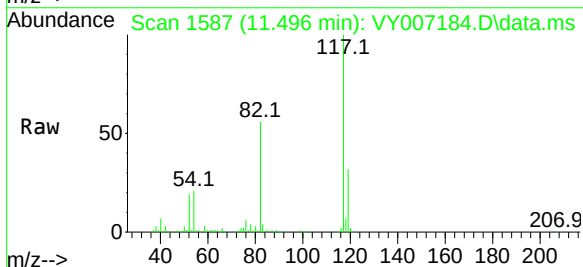
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

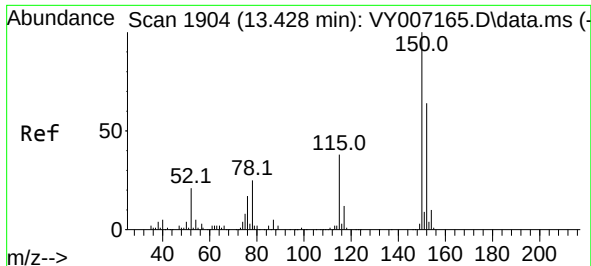
Tgt Ion: 95 Resp: 103290
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.4
176 71.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

Tgt Ion: 117 Resp: 217099
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.0 26.4 39.6

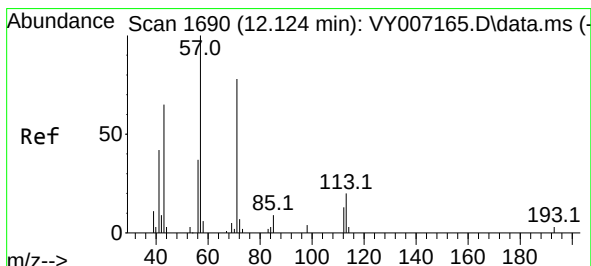
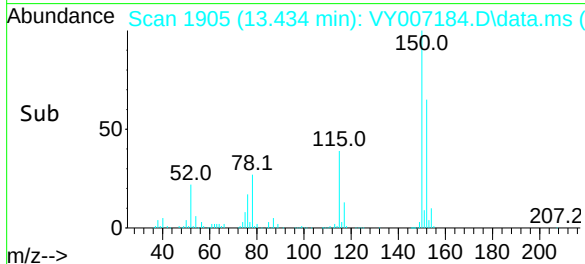
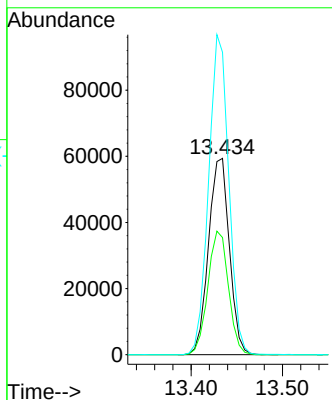
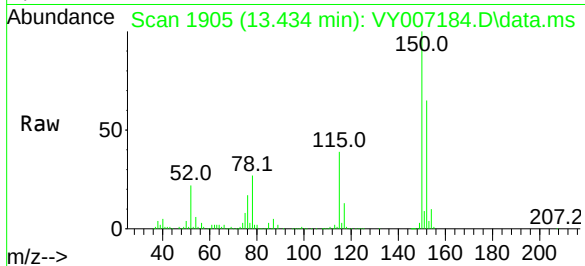




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

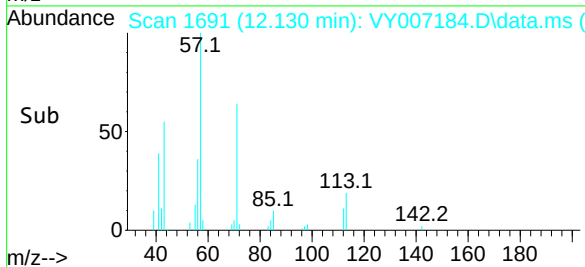
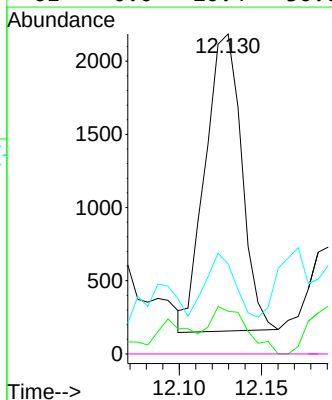
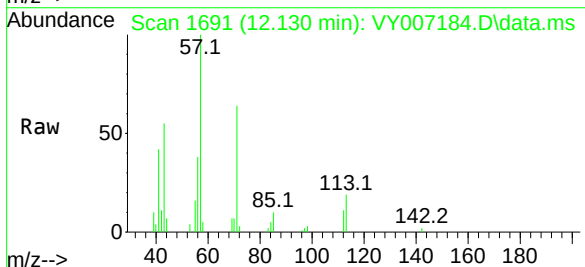
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

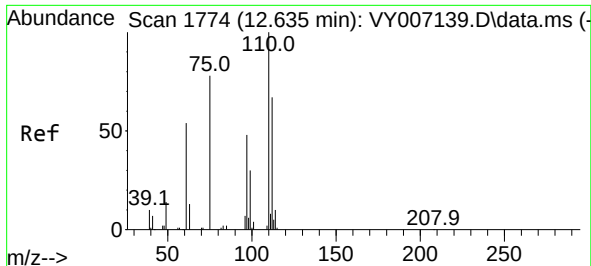
Tgt Ion:152 Resp: 93981
Ion Ratio Lower Upper
152 100
115 62.1 31.4 94.0
150 157.4 0.0 348.4



#74
N-ethyl acetate
Concen: 1.437 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.012 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

Tgt Ion: 43 Resp: 3120
Ion Ratio Lower Upper
43 100
70 16.3 36.2 54.4#
55 16.7 19.0 28.4#
61 0.0 20.4 30.6#

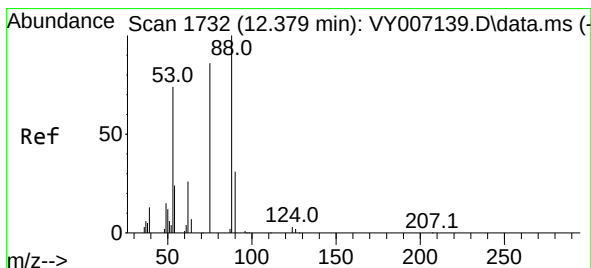
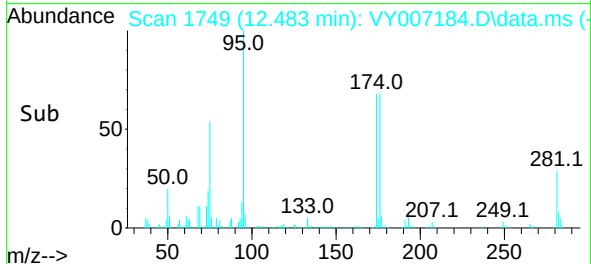
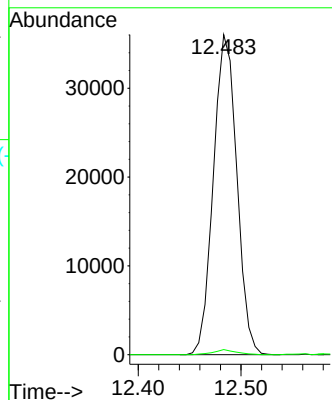
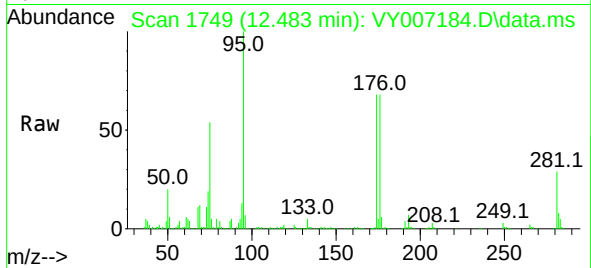




#76
1,2,3-Trichloropropane
Concen: 53.221 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 57033
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.432 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007184.D
Acq: 17 Jan 2022 13:58

Tgt Ion: 75 Resp: 57033
Ion Ratio Lower Upper
75 100
53 0.5 73.9 110.9#
89 0.9 0.0 0.0#

