

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008184.D
 Acq On : 04 Apr 2022 16:39
 Operator : SY/MD
 Sample : N2220-08
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:42:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

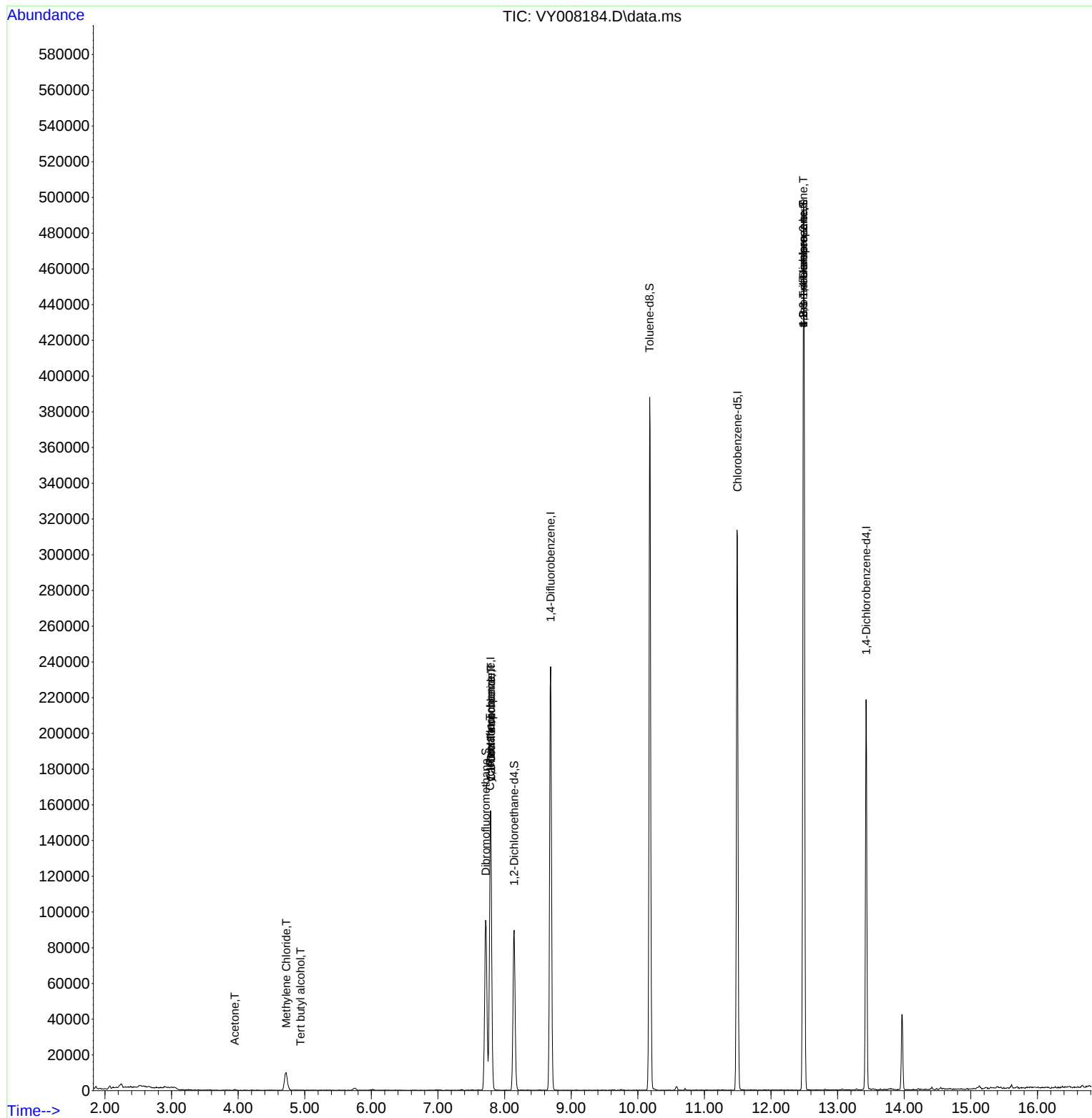
Internal Standards						
1) Pentafluorobenzene	7.789	168	122470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	179180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68226	55.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.060%	
35) Dibromofluoromethane	7.716	113	67666	50.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.100%	
50) Toluene-d8	10.179	98	258175	50.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.483	95	67259	37.426	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	150	1.177	ug/l #	77
16) Acetone	3.948	43	560	1.994	ug/l #	47
18) Methyl Acetate	4.473	43	218	Below Cal	#	56
20) Methylene Chloride	4.722	84	8268	1.196	ug/l #	73
31) Cyclohexane	7.783	56	2622	1.142	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9464	4.456	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12269	5.301	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	37030	56.569	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37030	126.215	ug/l #	9

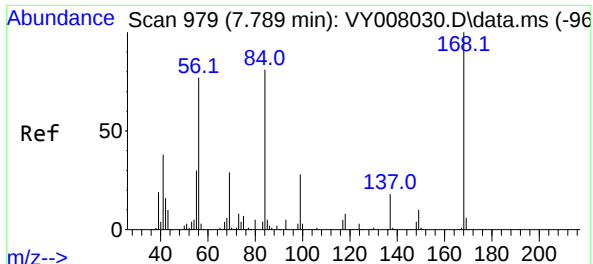
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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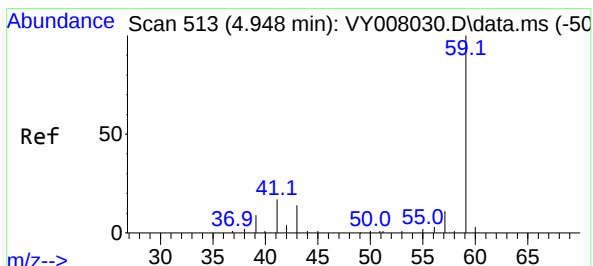
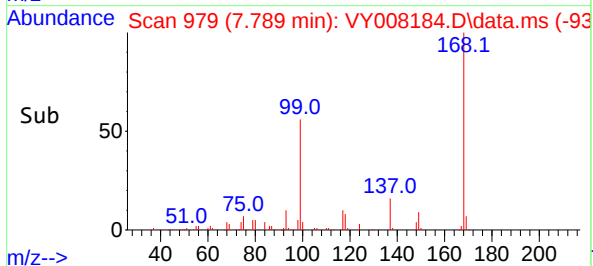
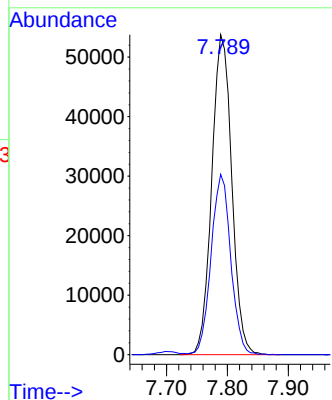
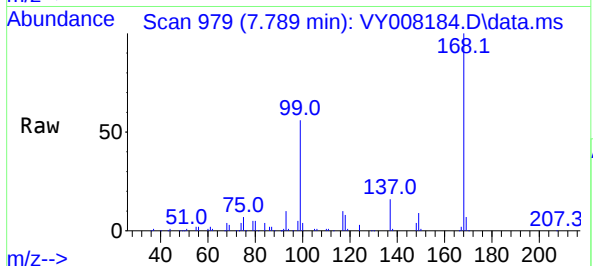




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39

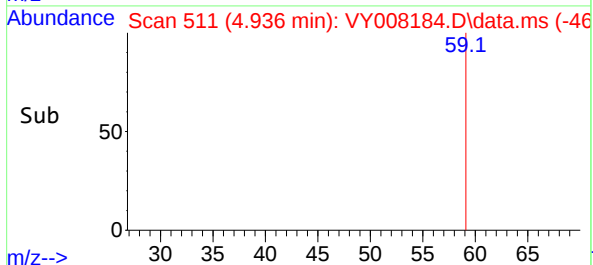
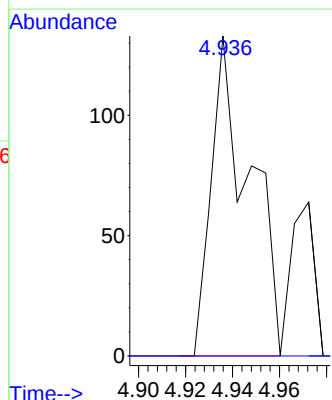
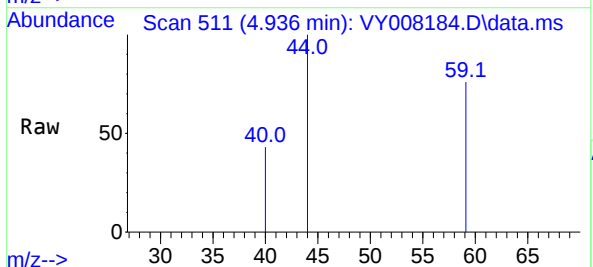
Instrument :
MSVOA_Y
ClientSampleId :

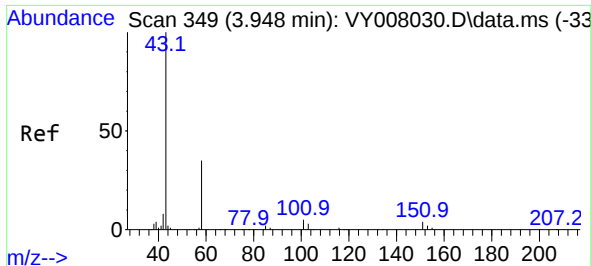
Tgt Ion:168 Resp: 122470
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.177 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

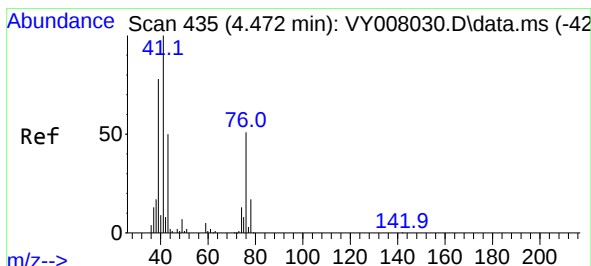
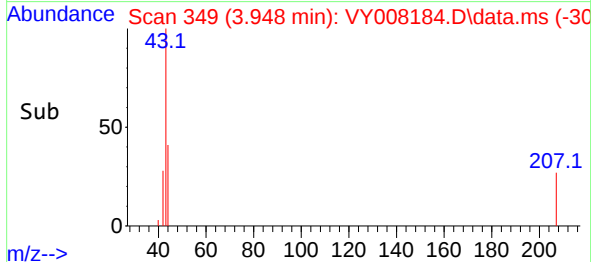
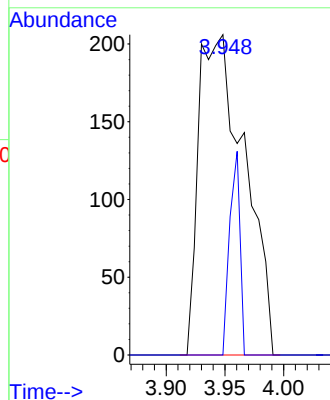
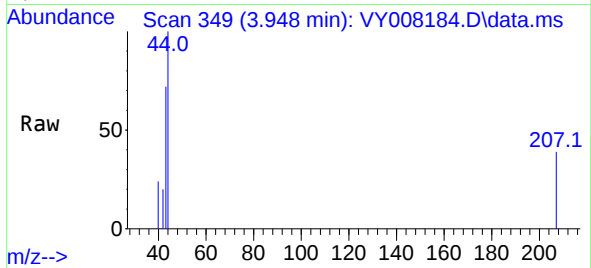




#16
Acetone
Concen: 1.994 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39

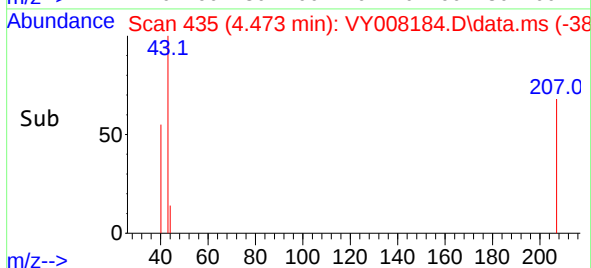
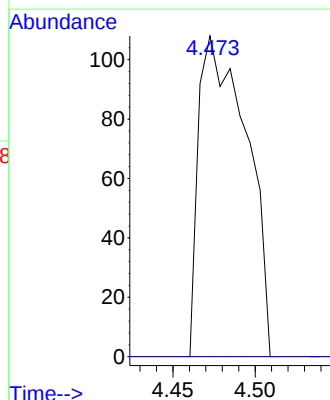
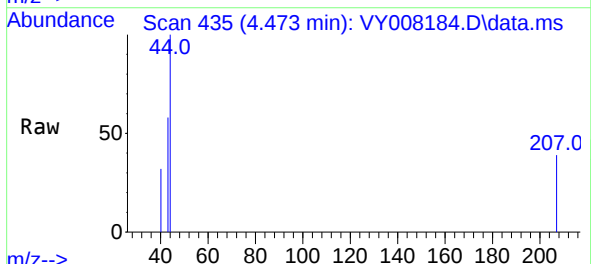
Instrument :
MSVOA_Y
ClientSampleId :

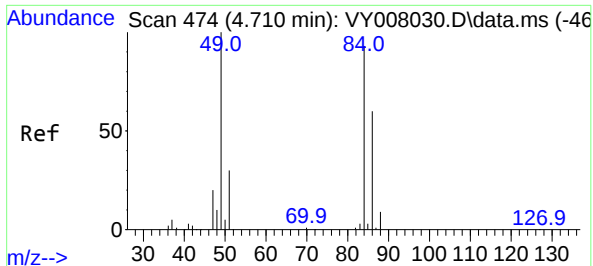
Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39

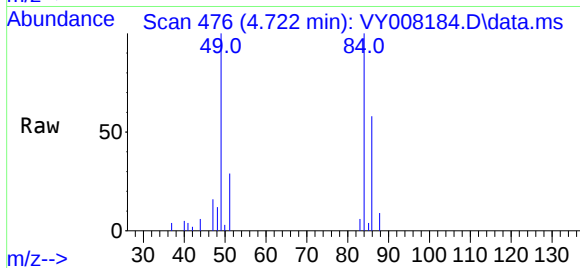
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





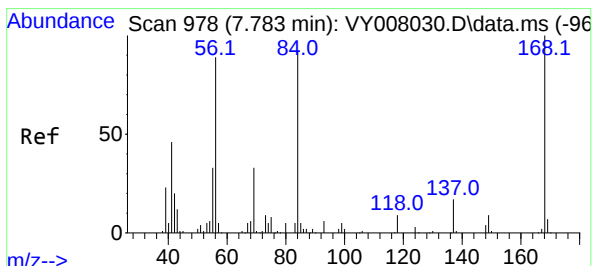
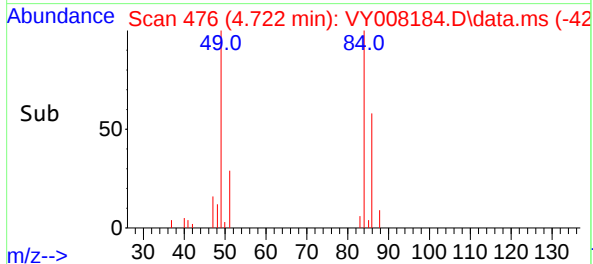
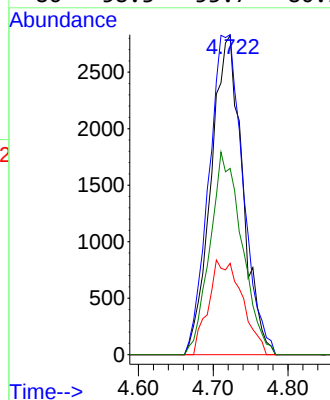
#20
Methylene Chloride
Concen: 1.196 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 8268

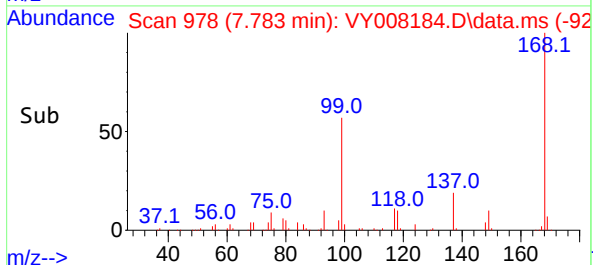
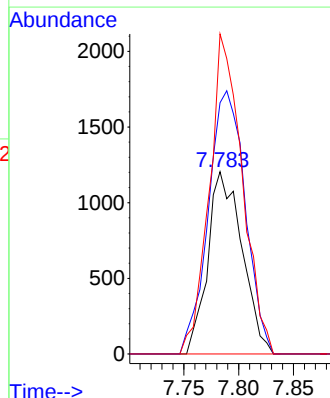
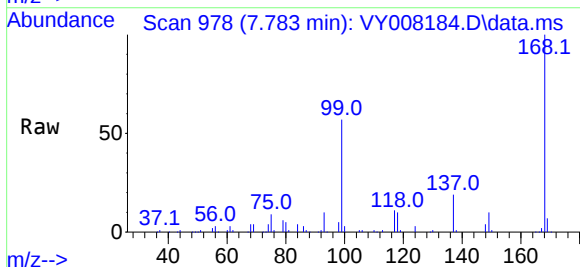
Ion	Ratio	Lower	Upper
84	100		
49	100.2	114.4	171.6#
51	28.6	35.3	52.9#
86	58.3	53.7	80.5

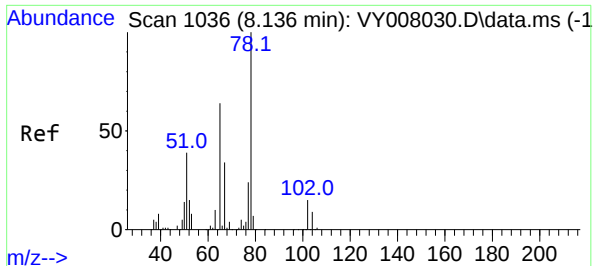


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39

Tgt Ion: 56 Resp: 2622

Ion	Ratio	Lower	Upper
56	100		
69	137.8	26.7	40.1#
84	175.5	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.525 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008184.D

Acq: 04 Apr 2022 16:39

Instrument :

MSVOA_Y

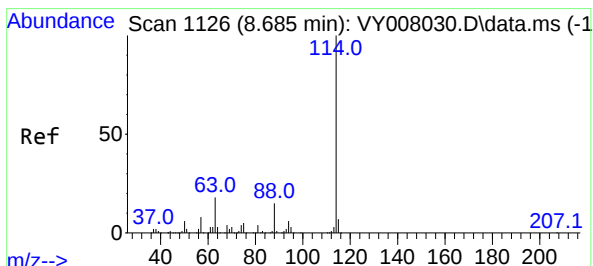
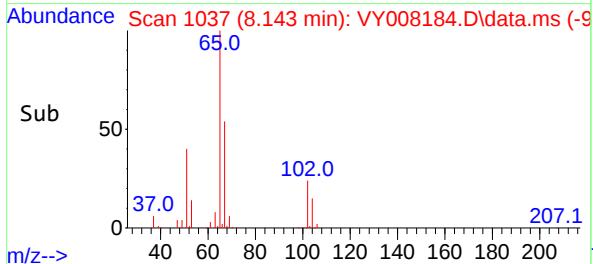
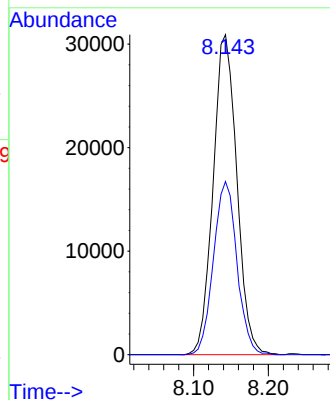
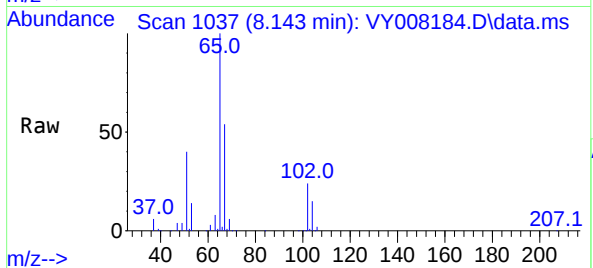
ClientSampleId :

Tgt Ion: 65 Resp: 68226

Ion Ratio Lower Upper

65 100

67 53.6 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: VY008184.D

Acq: 04 Apr 2022 16:39

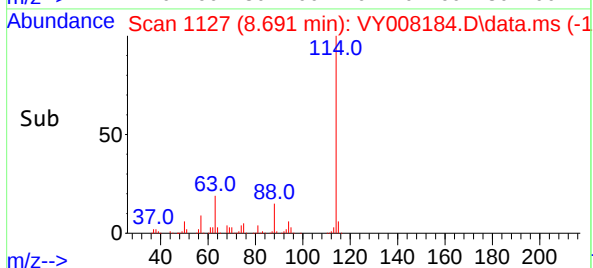
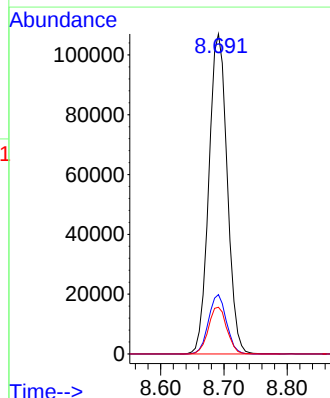
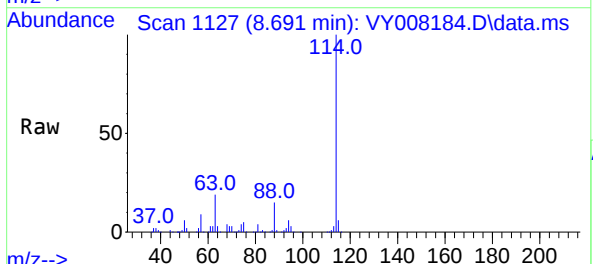
Tgt Ion: 114 Resp: 215646

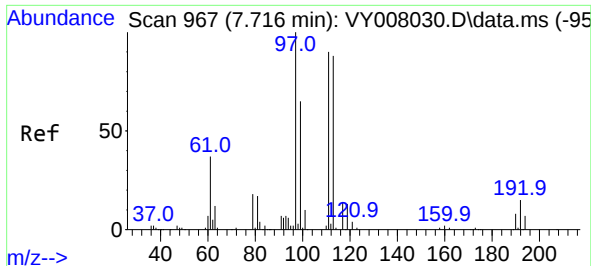
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

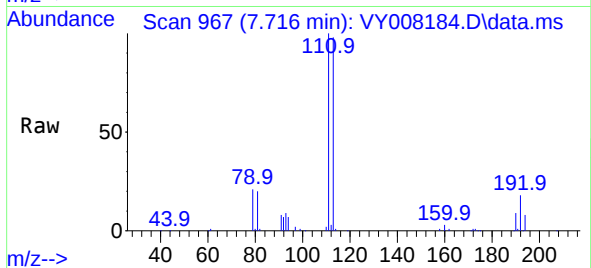
88 14.6 0.0 31.8



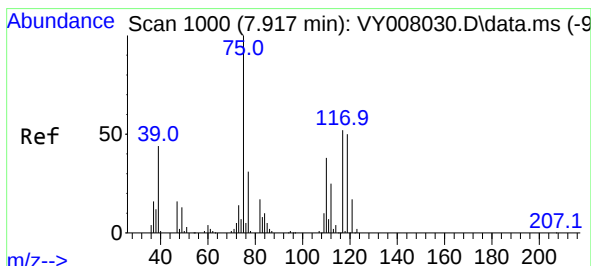
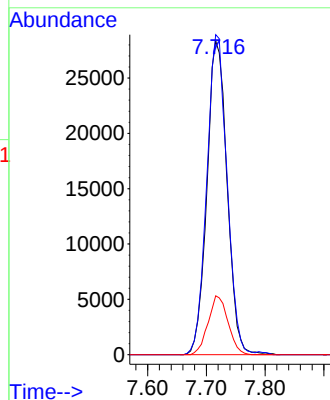
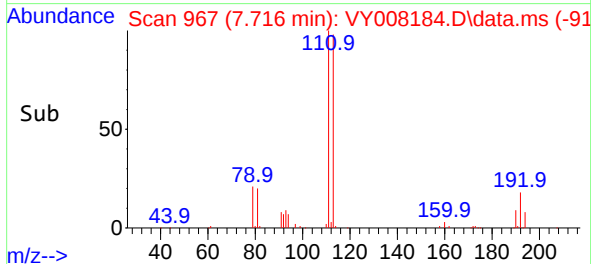


#35
Dibromofluoromethane
Concen: 50.047 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39

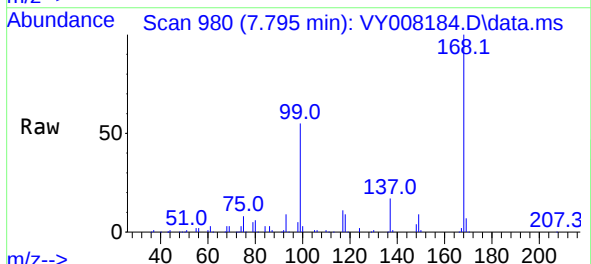
Instrument :
MSVOA_Y
ClientSampleId :



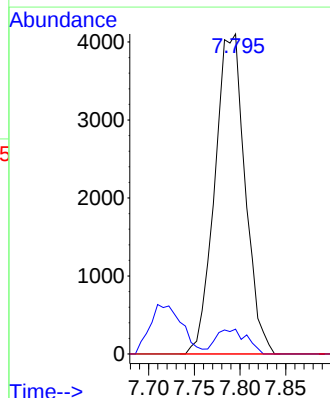
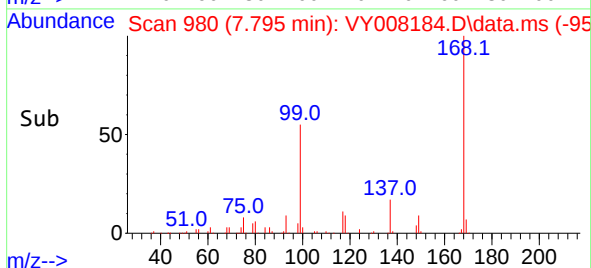
Tgt Ion:113 Resp: 67666
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.5 17.6 26.4

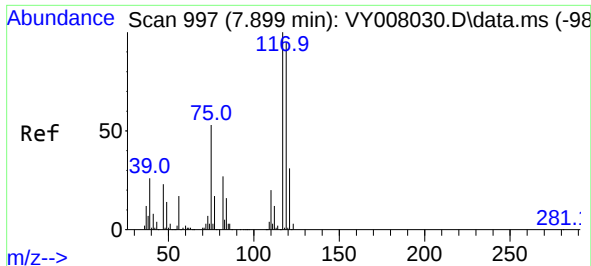


#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39



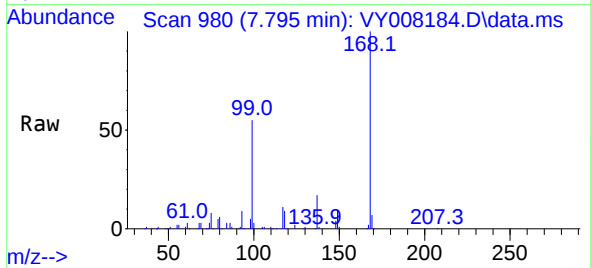
Tgt Ion: 75 Resp: 9464
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 24.4 36.6#



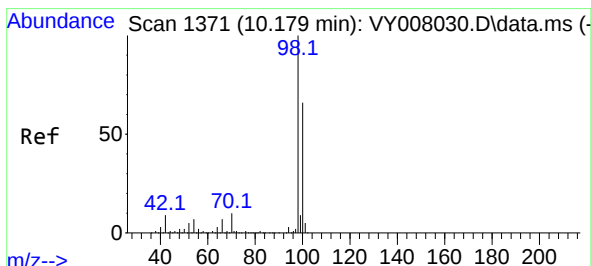
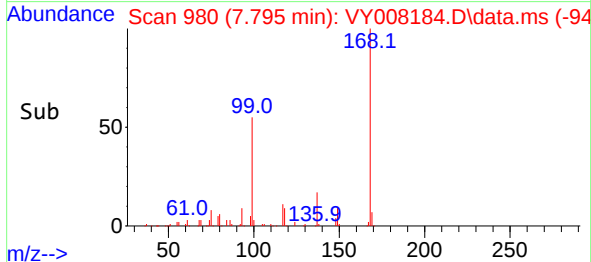
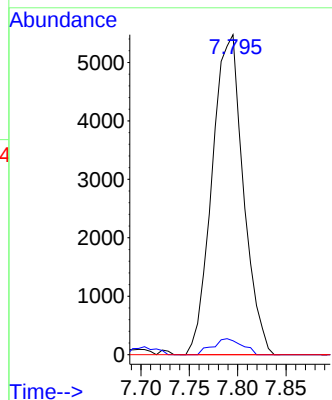


#38
Carbon Tetrachloride
Concen: 5.301 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

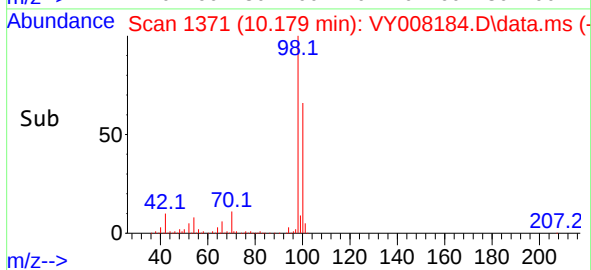
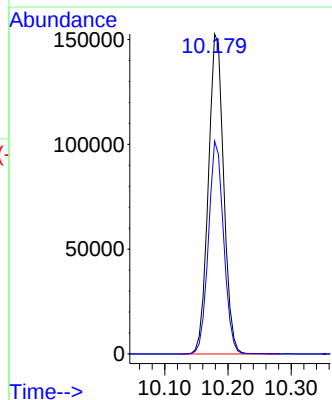
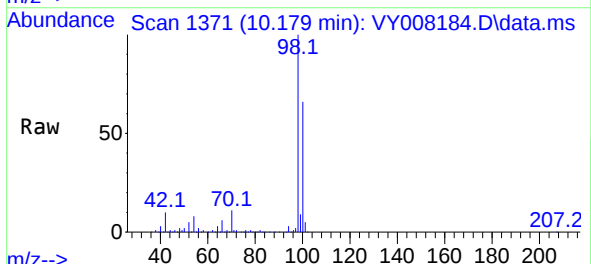


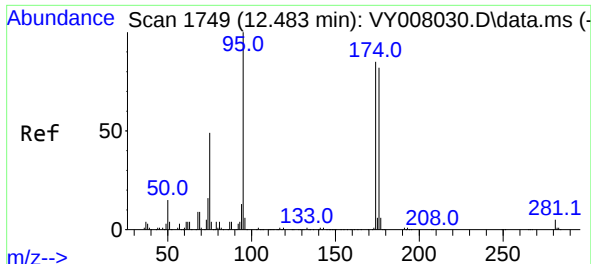
Tgt Ion:117 Resp: 12269
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.684 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39

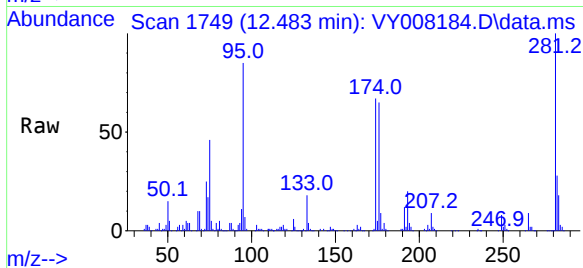
Tgt Ion: 98 Resp: 258175
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



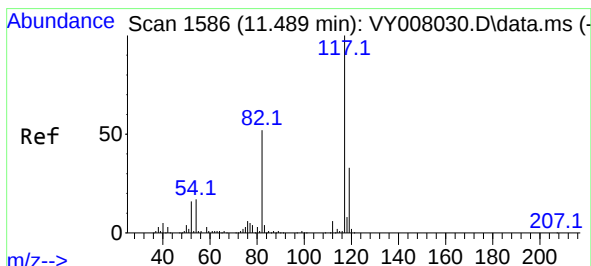
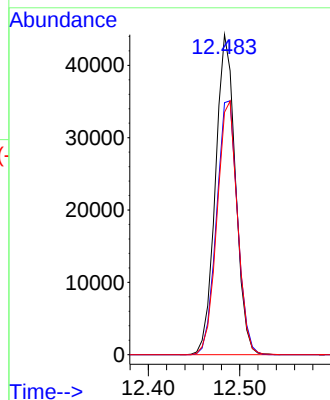
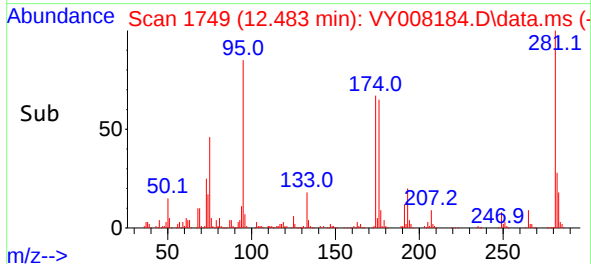


#62
4-Bromofluorobenzene
Concen: 37.426 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39

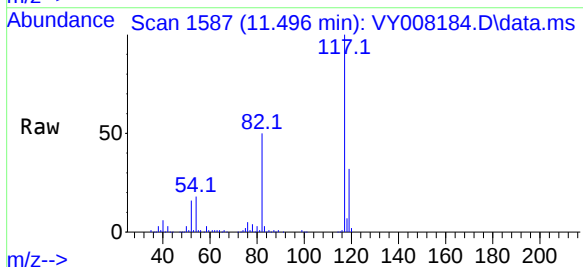
Instrument :
MSVOA_Y
ClientSampleId :



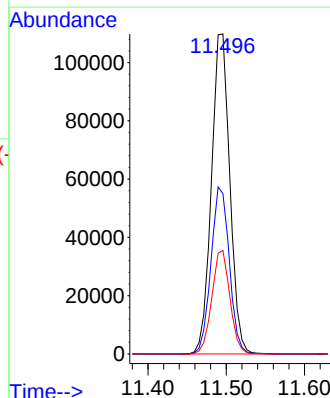
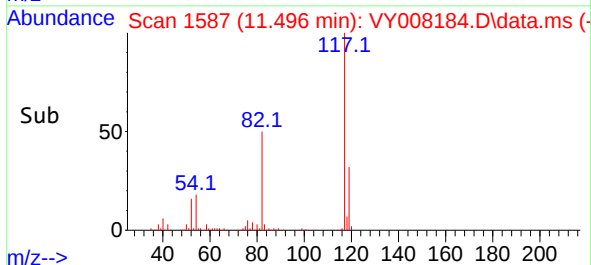
Tgt Ion: 95 Resp: 67259
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 80.6 0.0 175.8

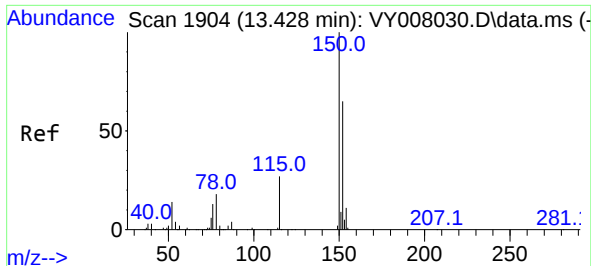


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008184.D
Acq: 04 Apr 2022 16:39



Tgt Ion: 117 Resp: 179180
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.3 25.4 38.0

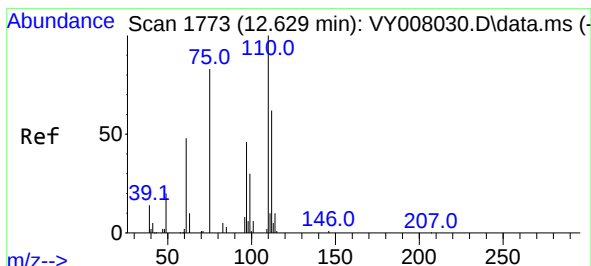
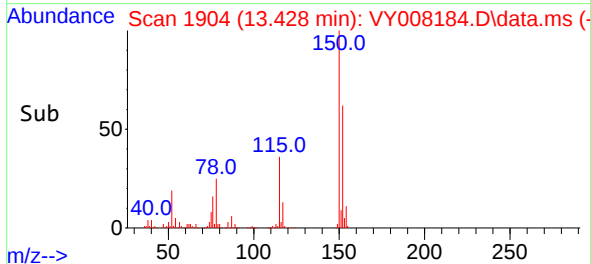
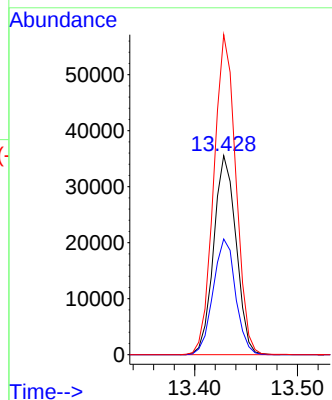
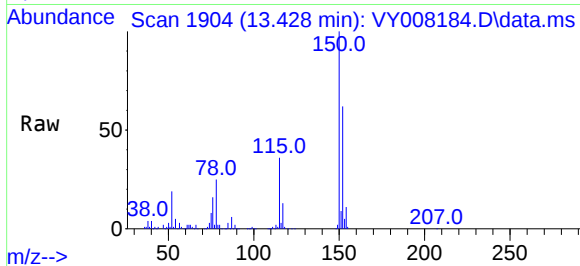




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008184.D
 Acq: 04 Apr 2022 16:39

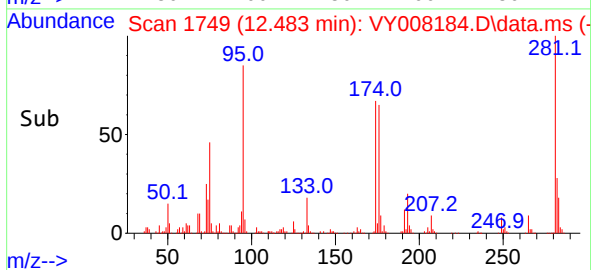
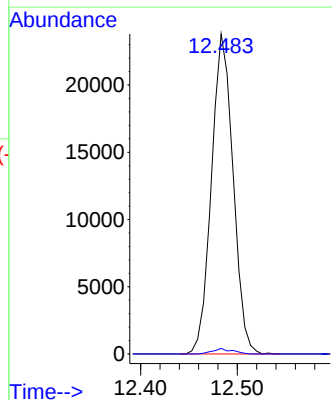
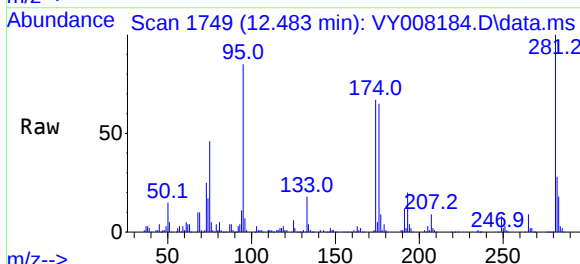
Instrument :
 MSVOA_Y
 ClientSampleId :

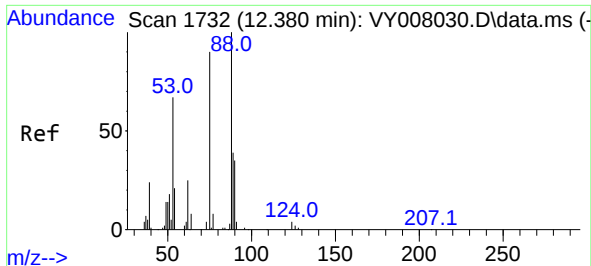
Tgt Ion:152 Resp: 53699
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 159.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 56.569 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008184.D
 Acq: 04 Apr 2022 16:39

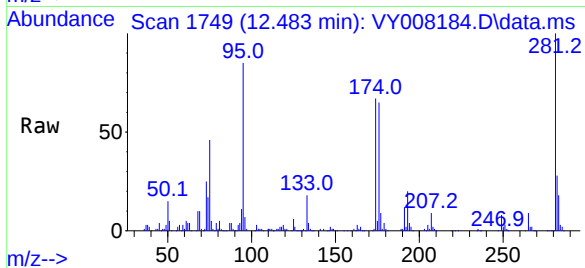
Tgt Ion: 75 Resp: 37030
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.215 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008184.D
 Acq: 04 Apr 2022 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	37030
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	3.0	37.0	55.4#

