

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006081.D
 Acq On : 17 Sep 2021 19:29
 Operator : SY/MD
 Sample : M3786-05
 Misc : 5.40G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26414

Quant Time: Sep 20 01:44:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

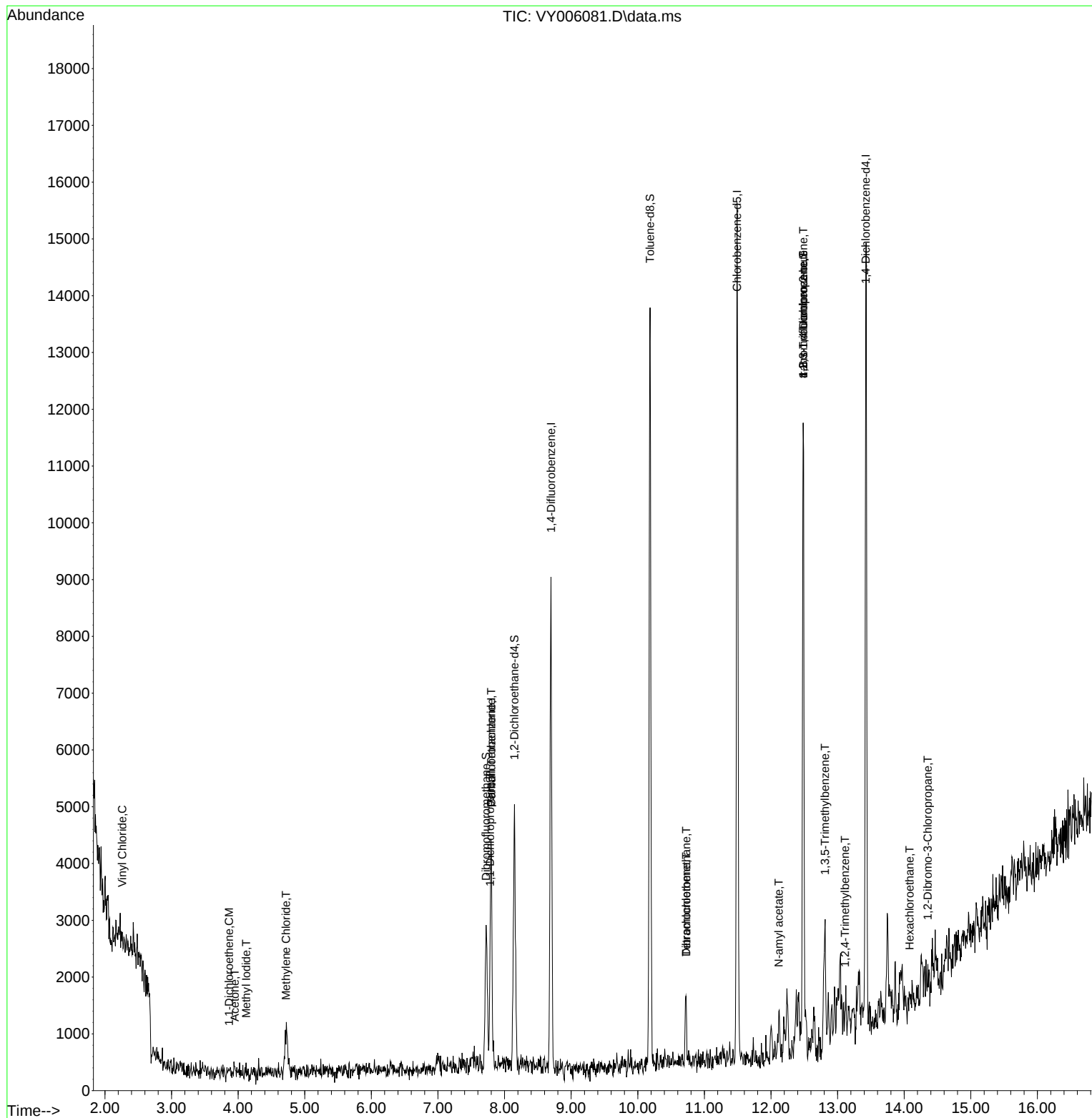
Internal Standards						
1) Pentafluorobenzene	7.801	168	3054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	6924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3356	79.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.220%	
35) Dibromofluoromethane	7.722	113	1762	40.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 81.940%	
50) Toluene-d8	10.185	98	8709	47.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.020%	
62) 4-Bromofluorobenzene	12.483	95	3223	51.791	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.580%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.260	62	78	1.722	ug/l #	43
10) Methyl Iodide	4.119	142	113	3.621	ug/l #	35
12) 1,1-Dichloroethene	3.863	96	38	1.246	ug/l #	1
16) Acetone	3.948	43	167	14.353	ug/l #	47
20) Methylene Chloride	4.716	84	307	4.198	ug/l #	66
36) 1,1-Dichloropropene	7.783	75	243	3.252	ug/l #	42
38) Carbon Tetrachloride	7.801	117	328	4.032	ug/l #	11
60) Dibromochloromethane	10.728	129	264	5.430	ug/l #	11
64) Tetrachloroethene	10.728	164	230	3.661	ug/l #	73
74) N-amyl acetate	12.118	43	273	3.283	ug/l #	53
76) 1,2,3-Trichloropropane	12.483	75	1946	59.356	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.813	105	242	1.212	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.483	75	1946	109.126	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.111	105	426	2.150	ug/l	95
90) Hexachloroethane	14.081	117	64	1.629	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20	2.250	ug/l #	6

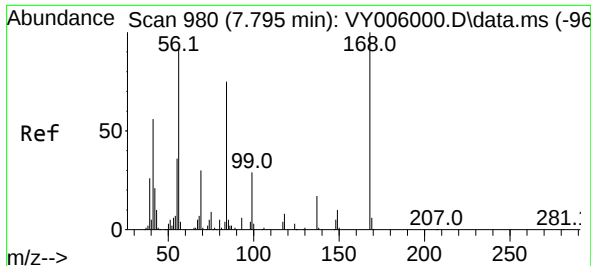
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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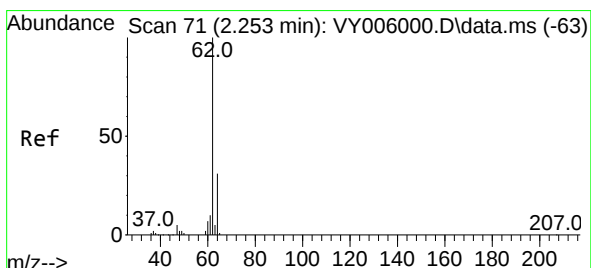
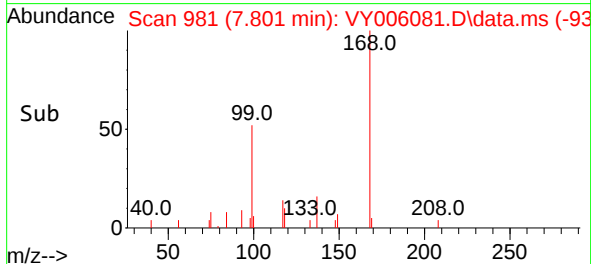
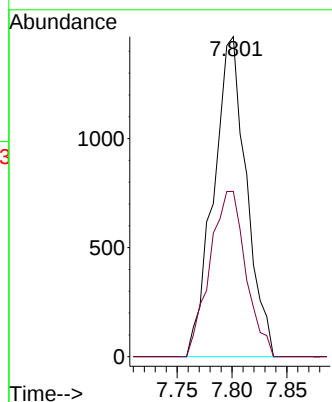
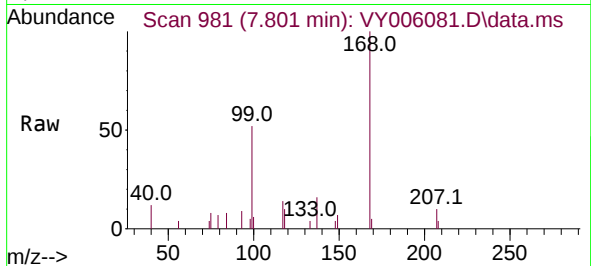




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

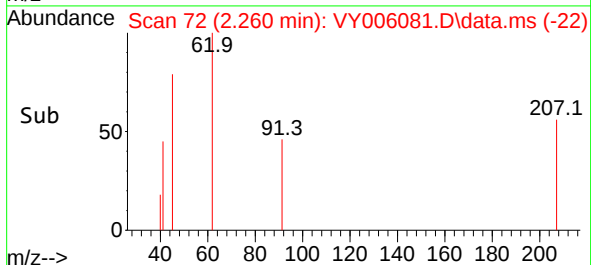
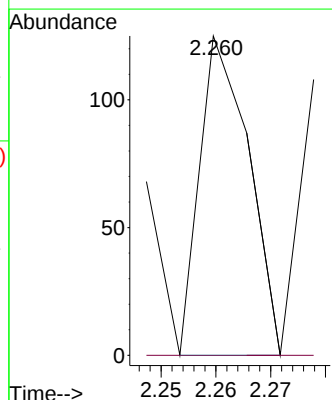
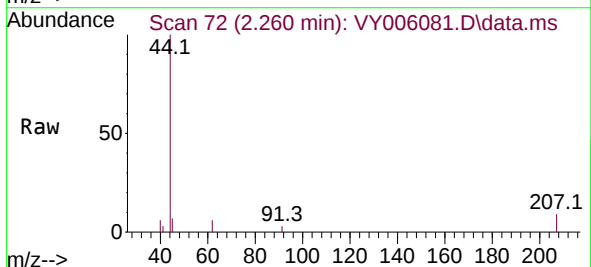
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

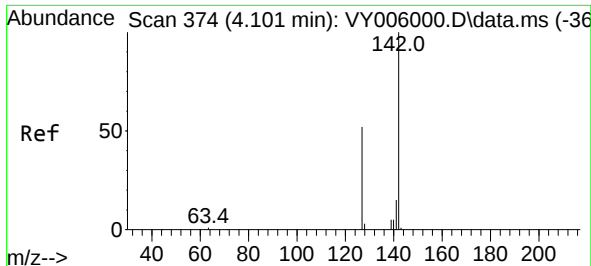
Tgt Ion:168 Resp: 3054
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#4
Vinyl Chloride
Concen: 1.722 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

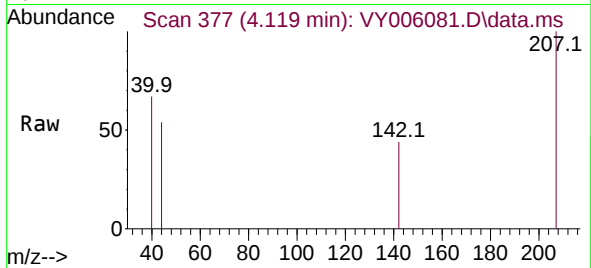
Tgt Ion: 62 Resp: 78
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#



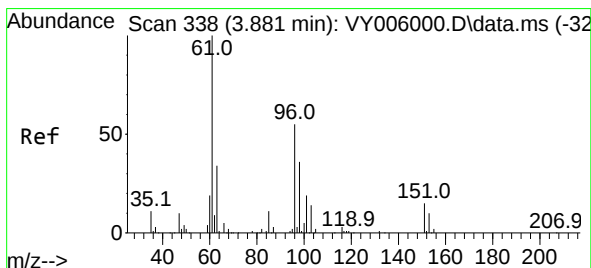
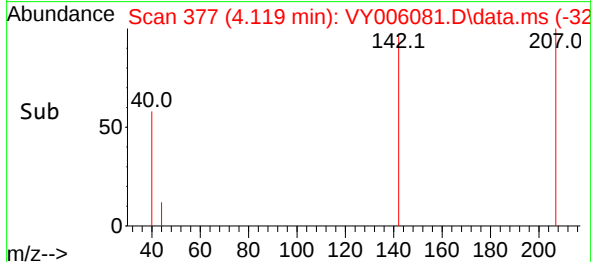
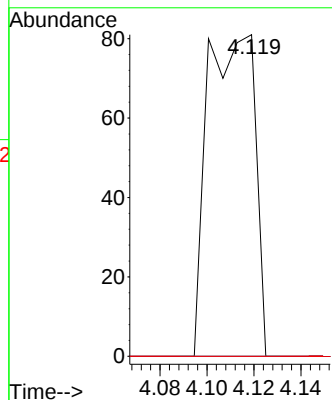


#10
Methyl Iodide
Concen: 3.621 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

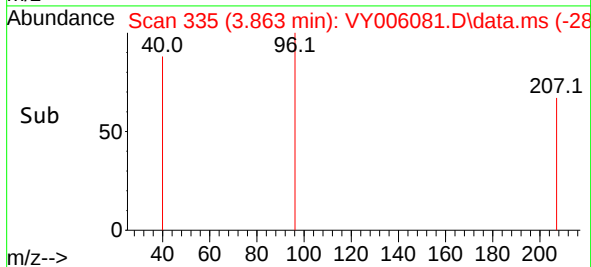
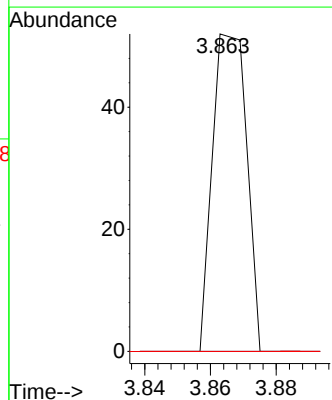
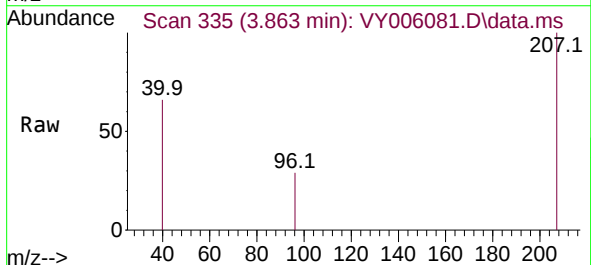


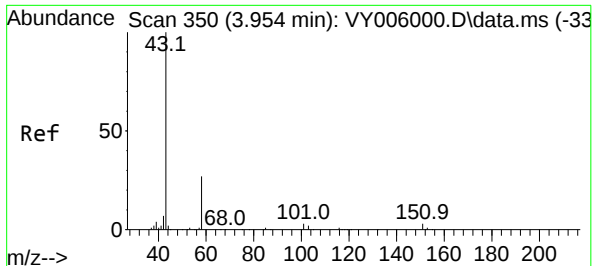
Tgt Ion:142 Resp: 113
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



#12
1,1-Dichloroethene
Concen: 1.246 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.018 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

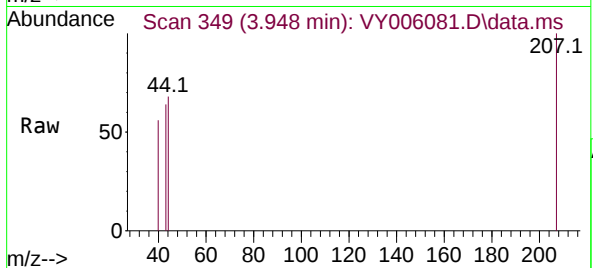
Tgt Ion: 96 Resp: 38
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#



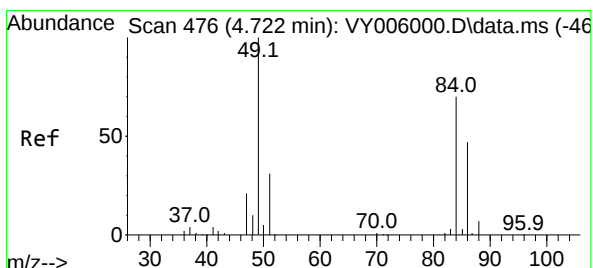
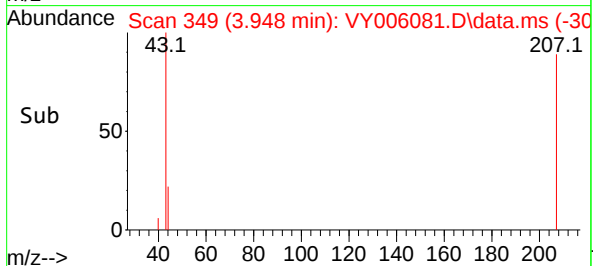
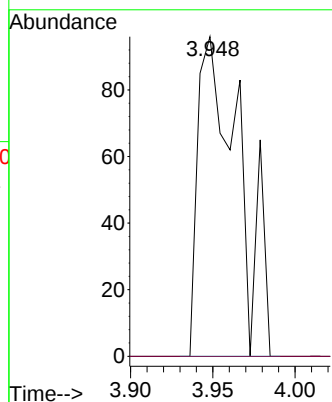


#16
Acetone
Concen: 14.353 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Instrument :
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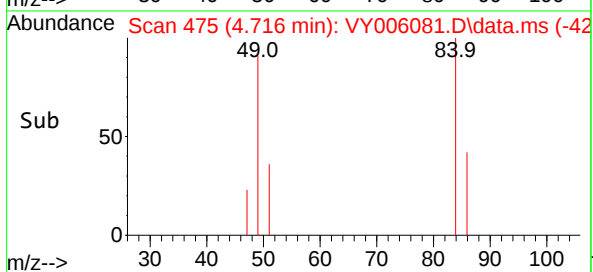
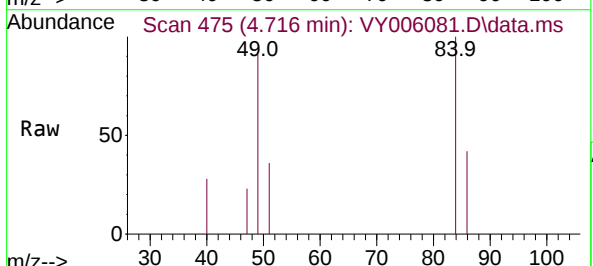
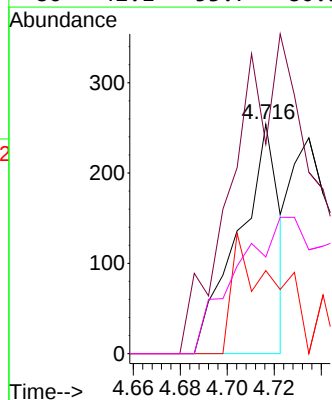


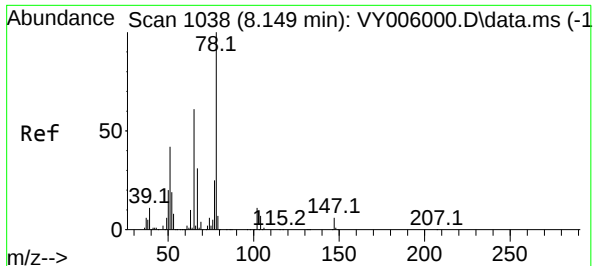
Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 4.198 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Tgt Ion: 84 Resp: 307
Ion Ratio Lower Upper
84 100
49 91.3 114.4 171.6#
51 36.2 35.3 52.9
86 42.1 53.7 80.5#



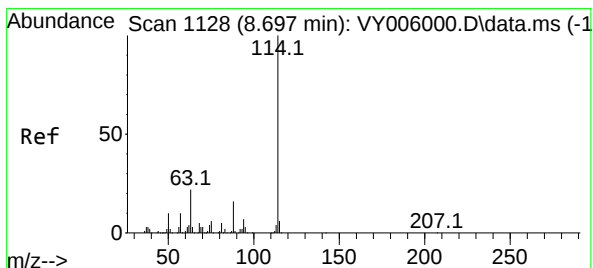
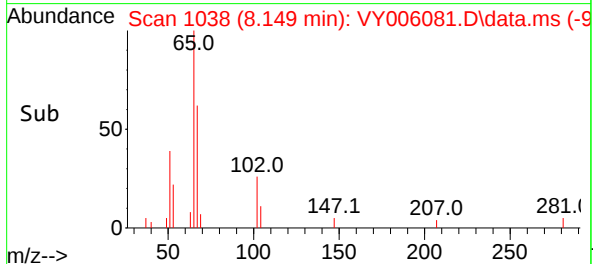
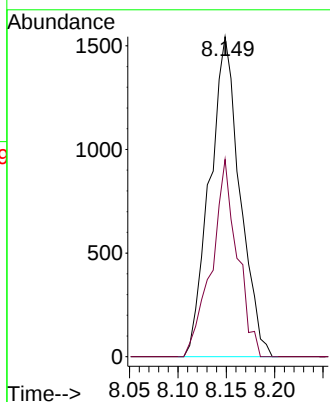
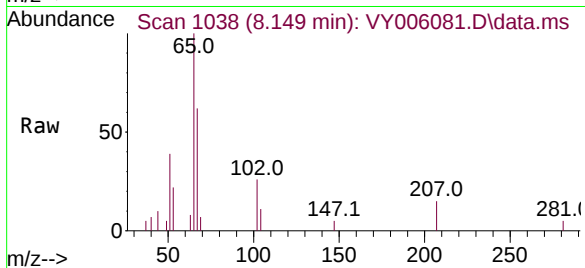


#33

1,2-Dichloroethane-d4
Concen: 79.110 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

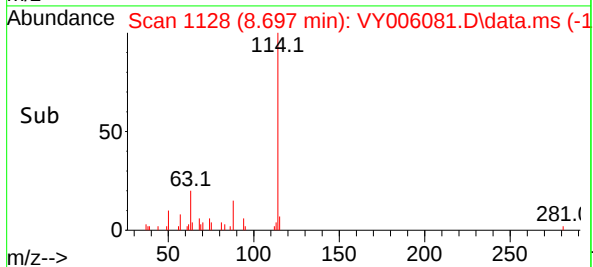
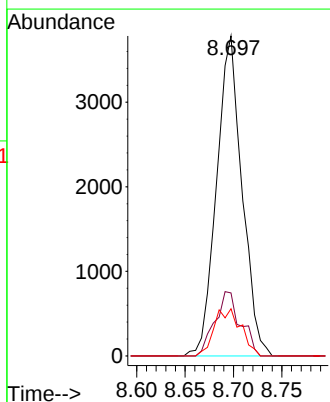
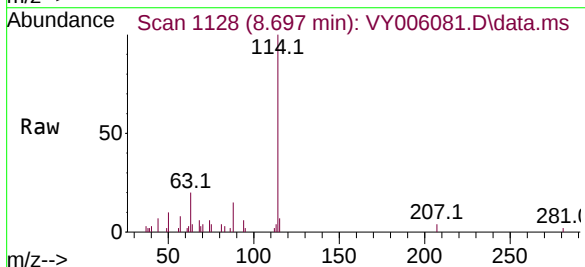
Tgt Ion: 65 Resp: 3356
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4

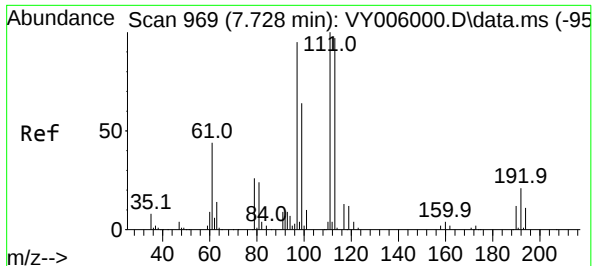


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Tgt Ion: 114 Resp: 6924
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 14.7 0.0 31.8

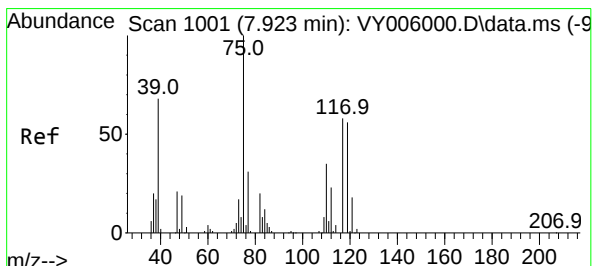
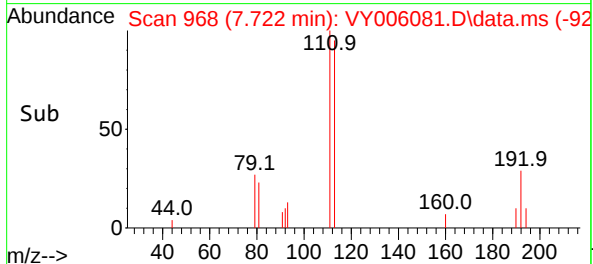
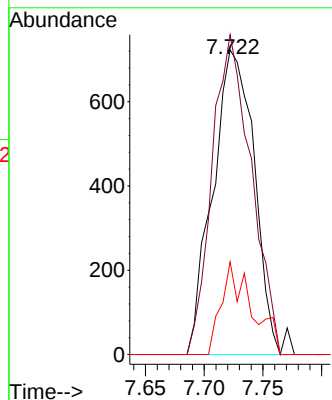
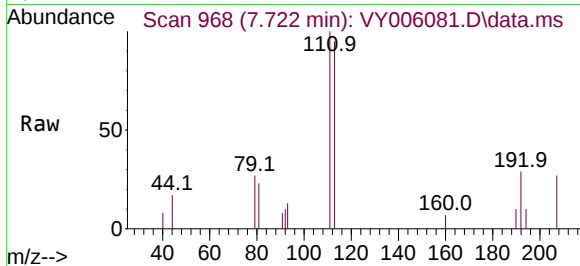




#35
Dibromofluoromethane
Concen: 40.971 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

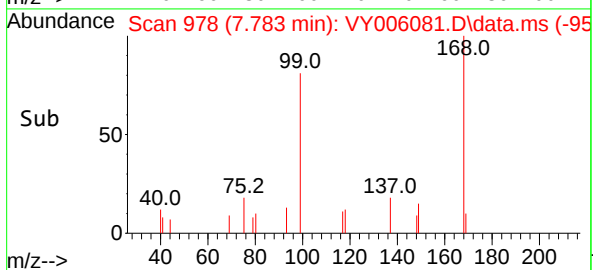
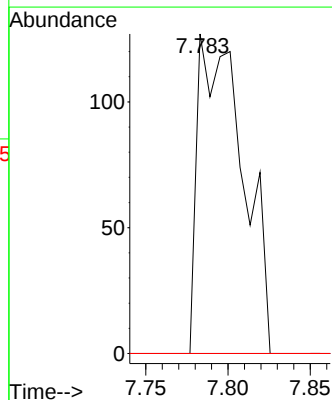
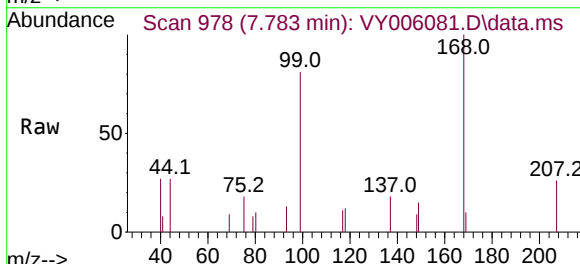
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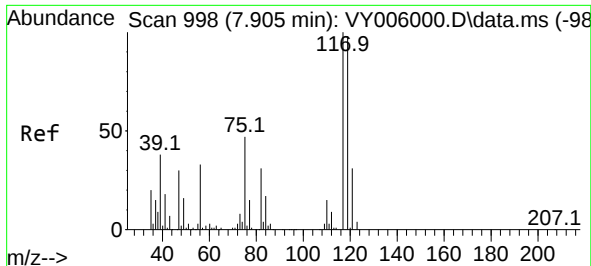
Tgt Ion:	113	Resp:	1762
Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.6	124.0
192	22.5	17.6	26.4



#36
1,1-Dichloropropene
Concen: 3.252 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

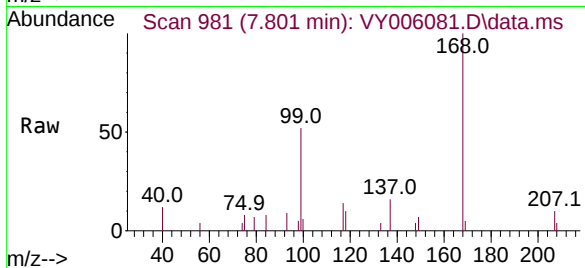
Tgt Ion:	75	Resp:	243
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.4	36.6#



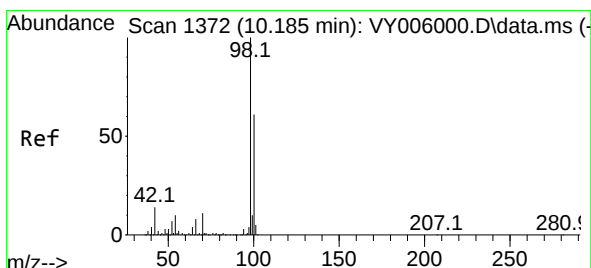
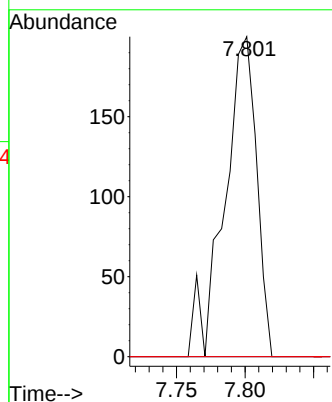
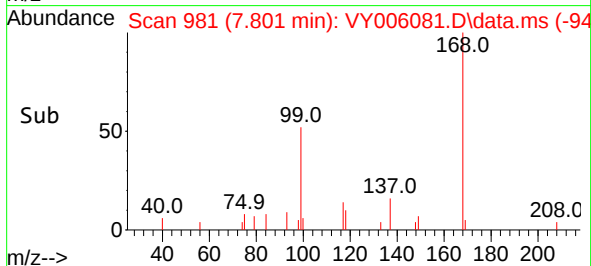


#38
Carbon Tetrachloride
Concen: 4.032 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

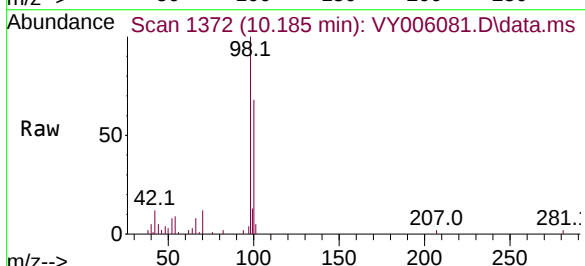
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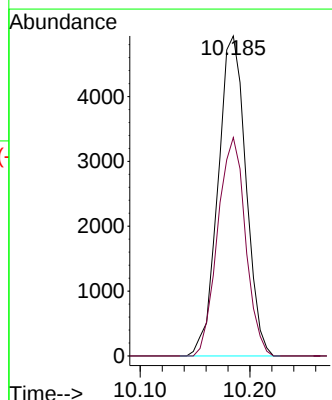
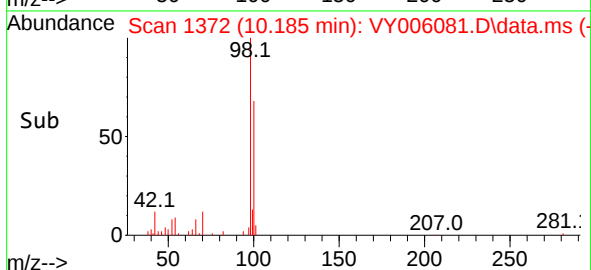
Tgt Ion: 117 Resp: 328
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

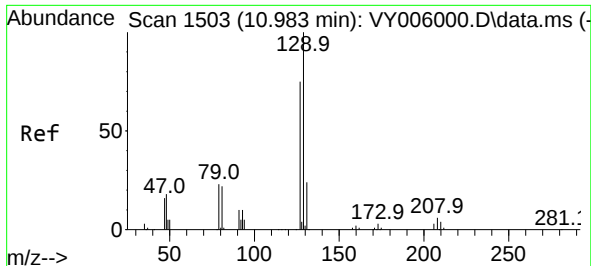


#50
Toluene-d8
Concen: 47.514 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29



Tgt Ion: 98 Resp: 8709
Ion Ratio Lower Upper
98 100
100 68.1 50.2 75.2

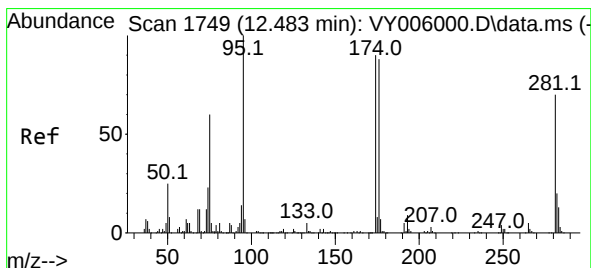
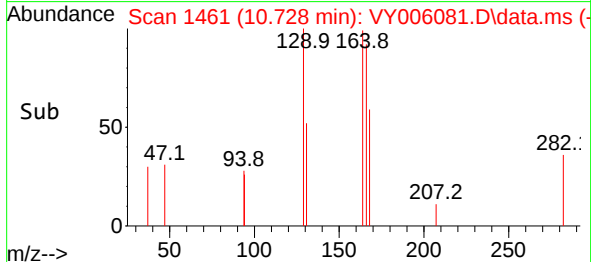
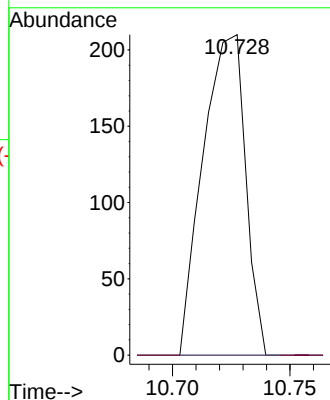
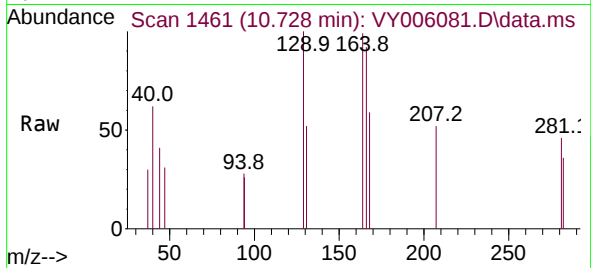




#60
Dibromochloromethane
Concen: 5.430 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. -0.256 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

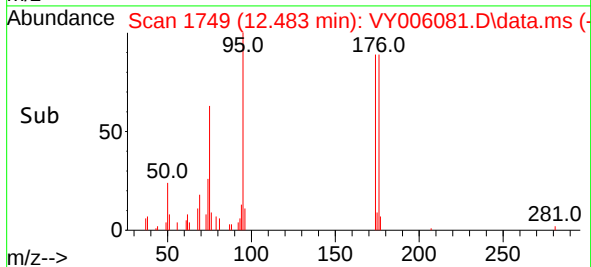
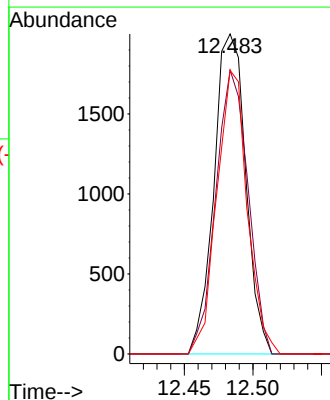
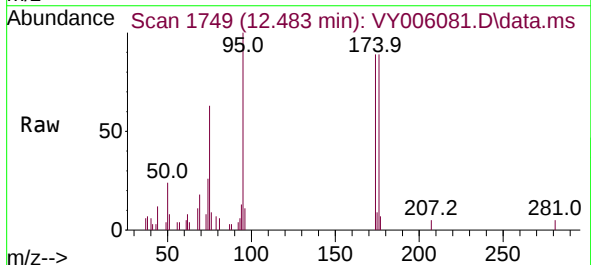
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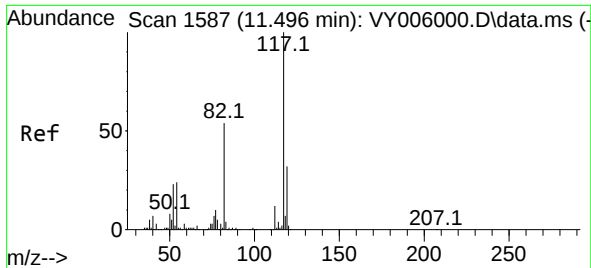
Tgt Ion:129 Resp: 264
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 51.791 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Tgt Ion: 95 Resp: 3223
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 85.0 0.0 175.8

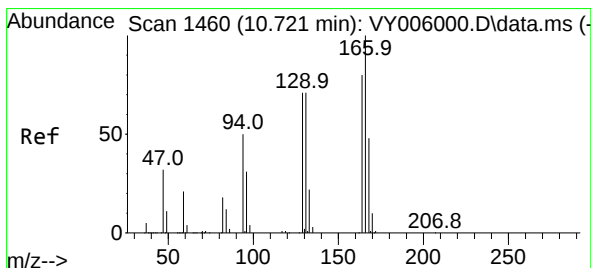
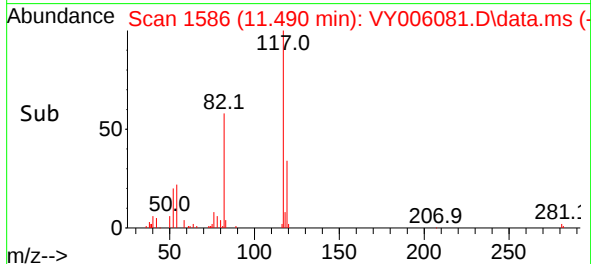
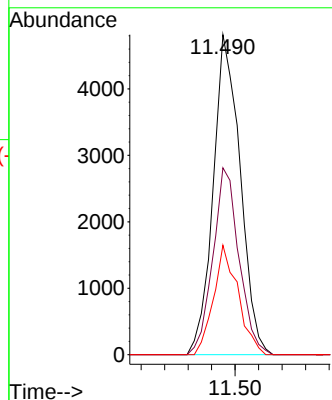
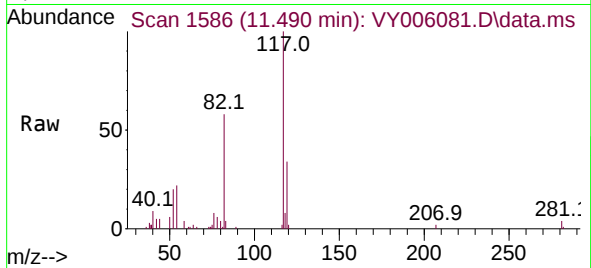




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

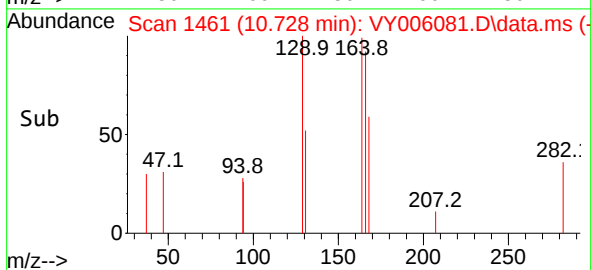
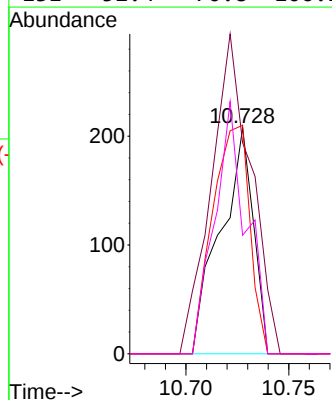
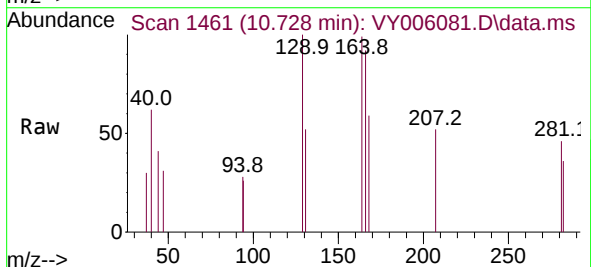
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

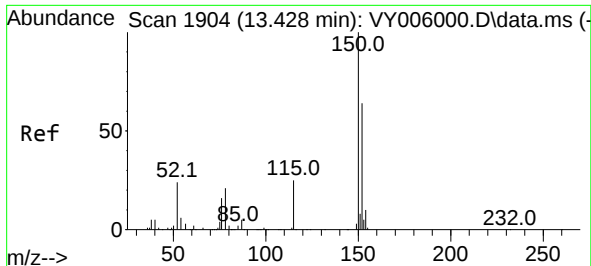
Tgt Ion:	117	Resp:	7682
Ion	Ratio	Lower	Upper
117	100		
82	58.4	43.0	64.4
119	34.2	25.4	38.0



#64
Tetrachloroethene
Concen: 3.661 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Tgt Ion:	164	Resp:	230
Ion	Ratio	Lower	Upper
164	100		
166	93.3	100.4	150.6#
129	101.0	71.4	107.0
131	52.4	70.8	106.2#

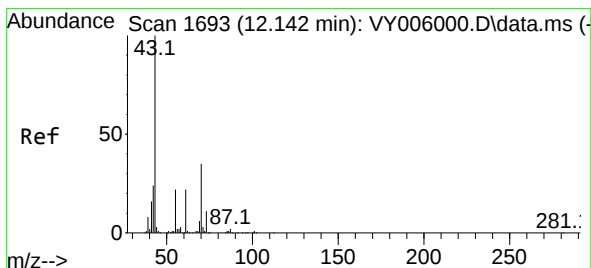
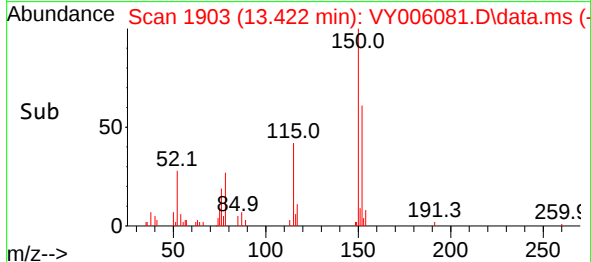
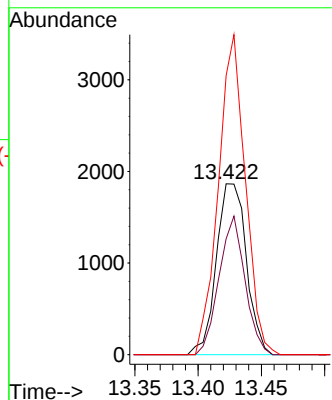
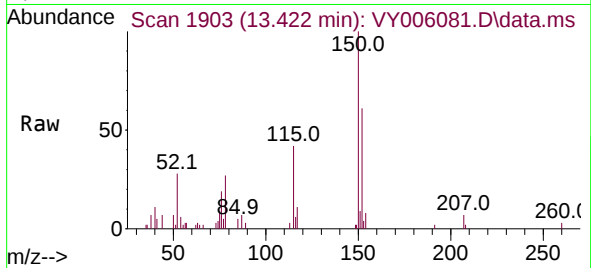




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

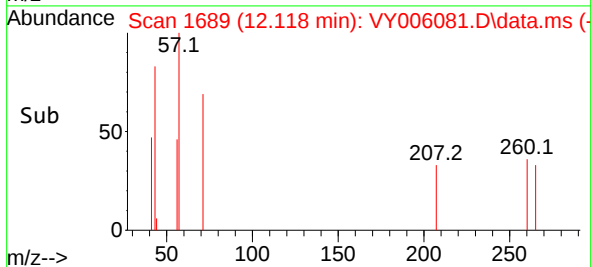
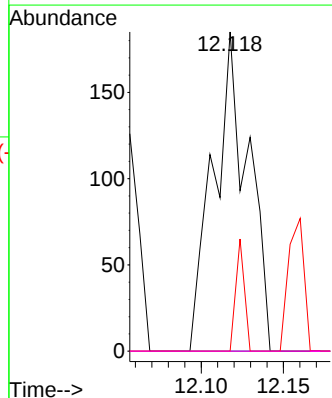
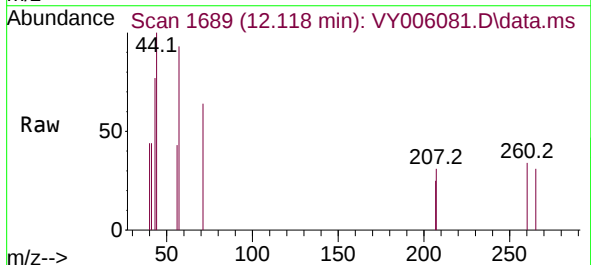
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

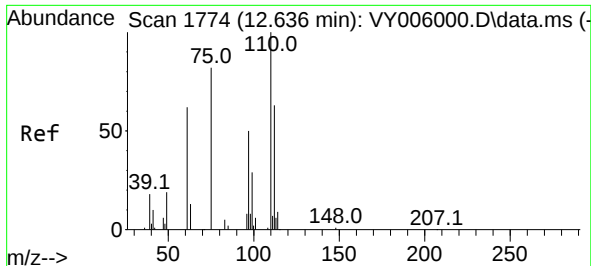
Tgt Ion:152 Resp: 3075
Ion Ratio Lower Upper
152 100
115 70.1 28.2 84.7
150 167.9 0.0 347.6



#74
N-ethyl acetate
Concen: 3.283 ug/l
RT: 12.118 min Scan# 1689
Delta R.T. -0.024 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 8.8 17.3 25.9#
61 0.0 17.0 25.6#

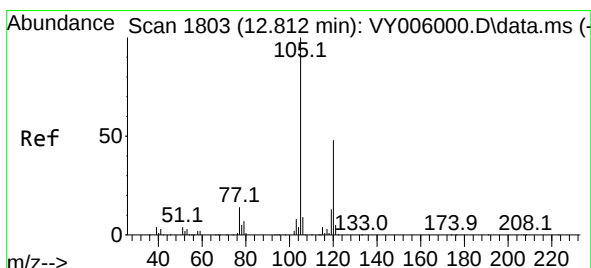
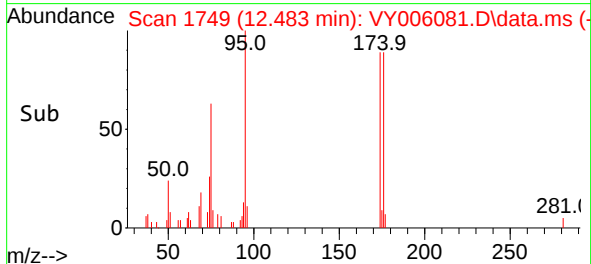
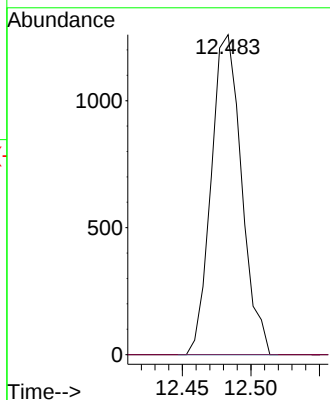
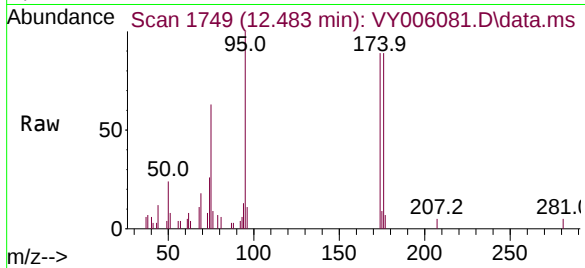




#76
1,2,3-Trichloropropane
Concen: 59.356 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

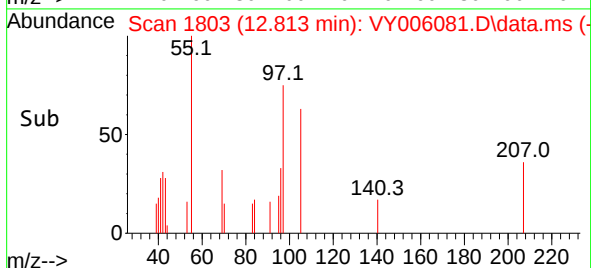
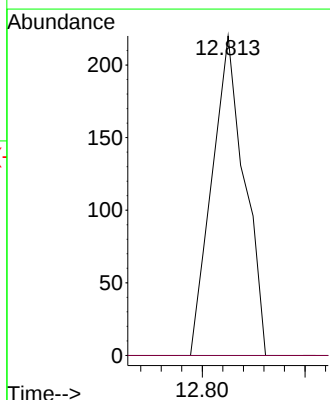
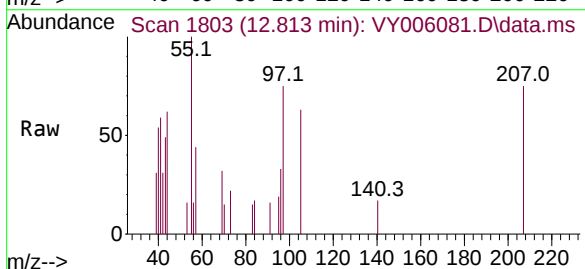
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

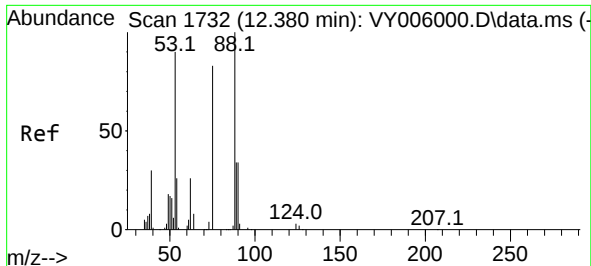
Tgt Ion: 75 Resp: 1946
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#80
1,3,5-Trimethylbenzene
Concen: 1.212 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Tgt Ion: 105 Resp: 242
Ion Ratio Lower Upper
105 100
120 0.0 24.4 73.4#

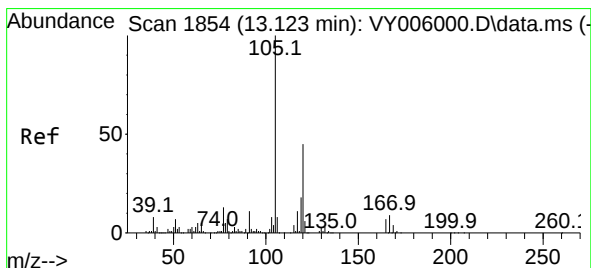
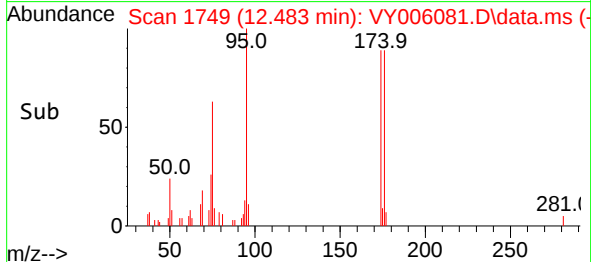
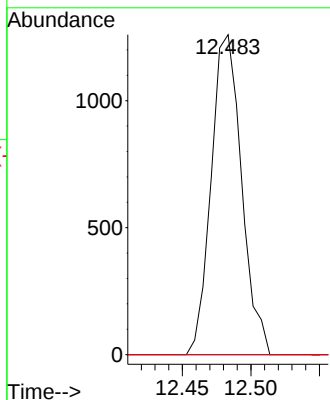
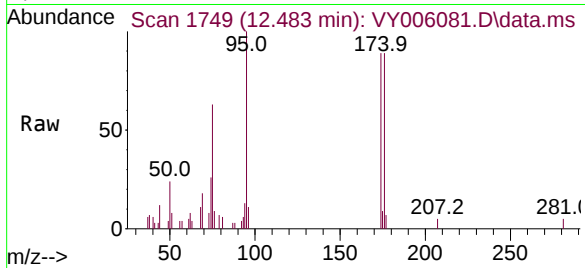




#81
trans-1,4-Dichloro-2-butene
Concen: 109.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

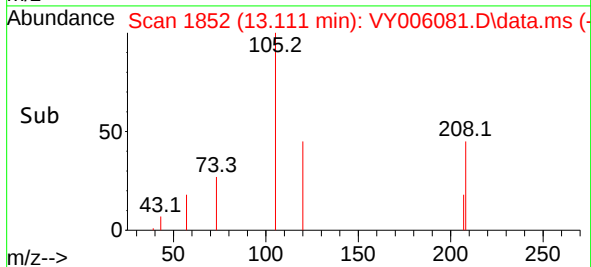
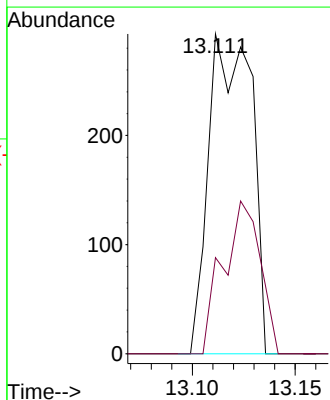
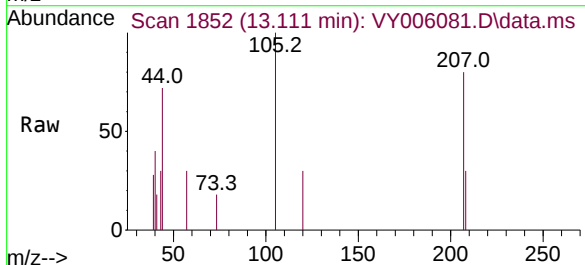
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

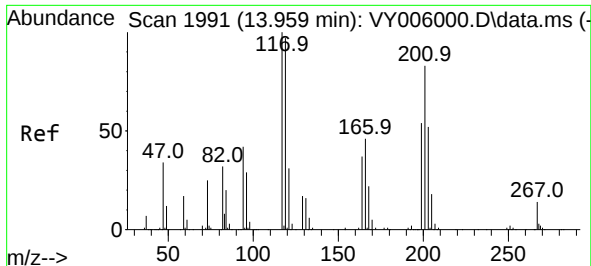
Tgt Ion: 75 Resp: 1946
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 2.150 ug/l
RT: 13.111 min Scan# 1852
Delta R.T. -0.012 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Tgt Ion: 105 Resp: 426
Ion Ratio Lower Upper
105 100
120 41.5 22.3 66.9

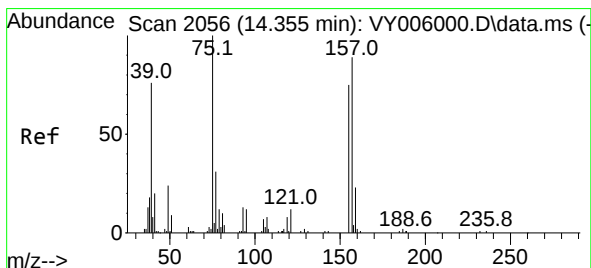
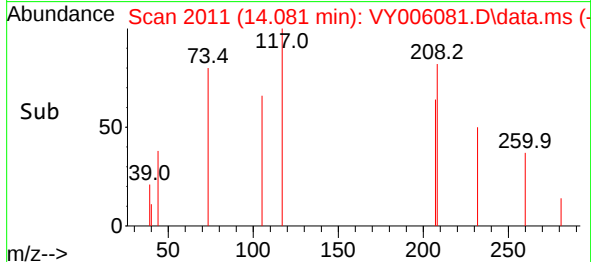
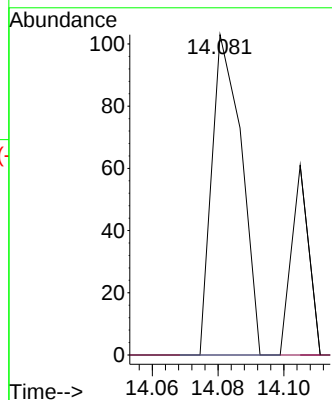
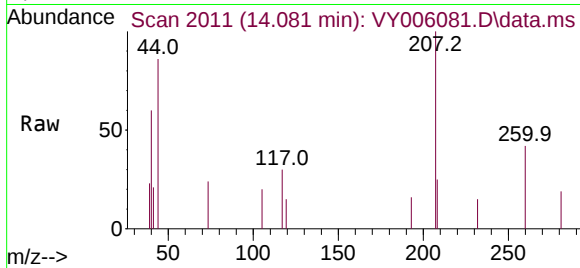




#90
Hexachloroethane
Concen: 1.629 ug/l
RT: 14.081 min Scan# 2011
Delta R.T. 0.122 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

Tgt Ion:117 Resp: 64
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.250 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY006081.D
Acq: 17 Sep 2021 19:29

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#

