

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005760.D
 Acq On : 19 Aug 2021 11:43
 Operator : SY/MD
 Sample : M3428-07
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:54:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

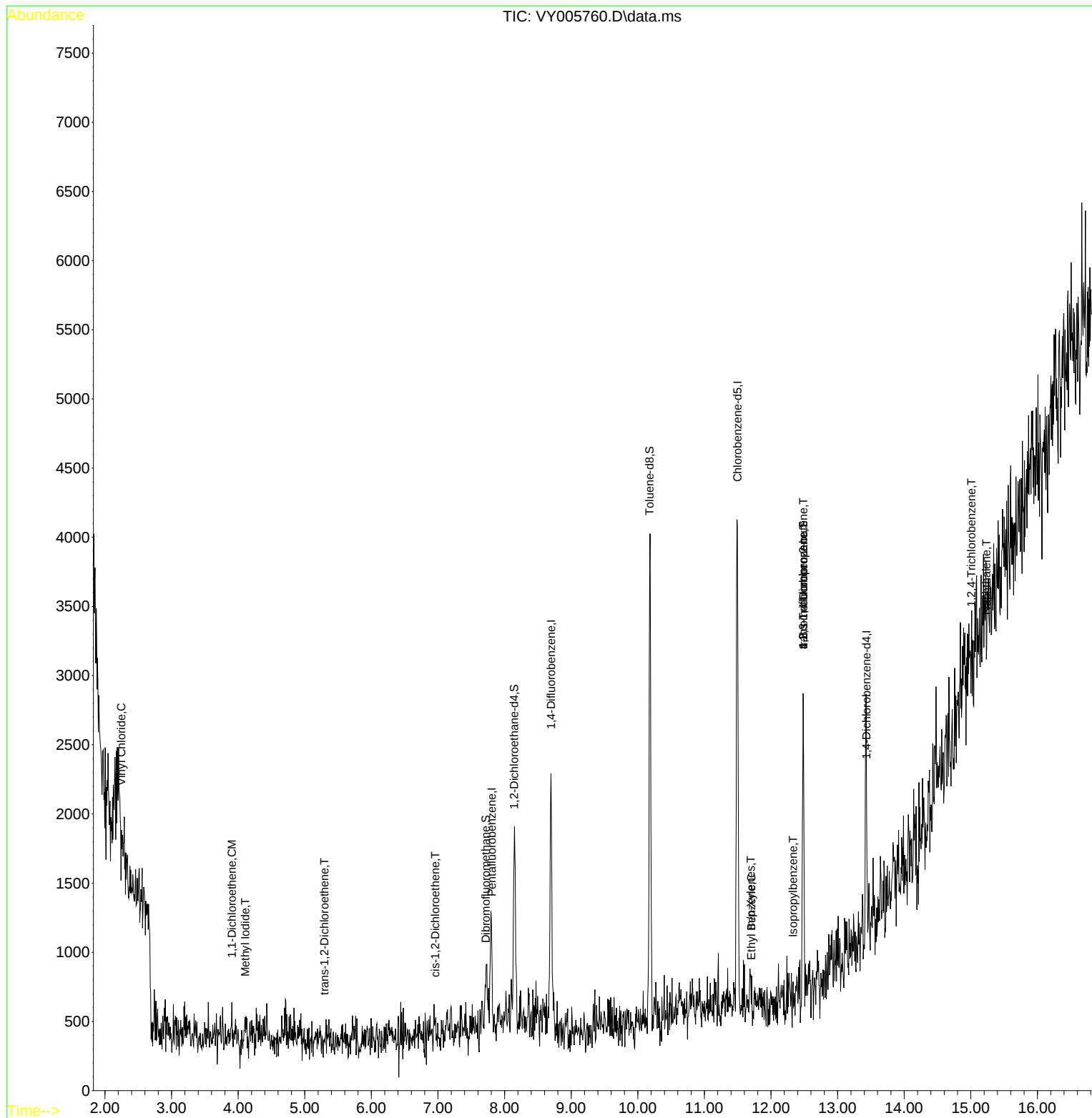
Internal Standards						
1) Pentafluorobenzene	7.807	168	984	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2317	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1197	120.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 240.340%#	
35) Dibromofluoromethane	7.716	113	218	17.902	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 35.800%#	
50) Toluene-d8	10.179	98	2713	53.122	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	12.483	95	731	43.224	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.440%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.247	62	62	5.362	ug/l	# 42
10) Methyl Iodide	4.107	142	183	17.491	ug/l	# 69
12) 1,1-Dichloroethene	3.905	96	31	3.656	ug/l	# 1
20) Methylene Chloride	4.716	84	54	Below Cal	#	44
21) trans-1,2-Dichloroethene	5.295	96	19	2.004	ug/l	# 1
27) cis-1,2-Dichloroethene	6.960	96	21	1.947	ug/l	# 1
67) Ethyl Benzene	11.703	91	104	1.230	ug/l	# 42
68) m/p-Xylenes	11.697	106	58	1.766	ug/l	87
73) Isopropylbenzene	12.331	105	58	1.859	ug/l	# 47
76) 1,2,3-Trichloropropane	12.483	75	317	68.434	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	317	137.954	ug/l	# 11
93) 1,2,4-Trichlorobenzene	15.007	180	22	2.424	ug/l	# 12
95) Naphthalene	15.233	128	73	4.080	ug/l	# 69

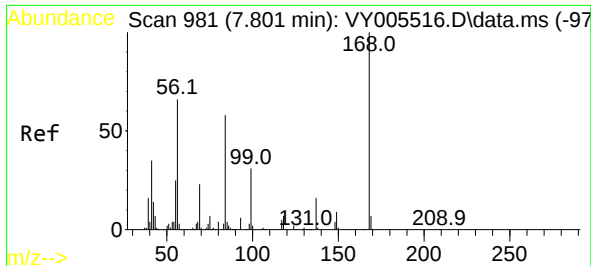
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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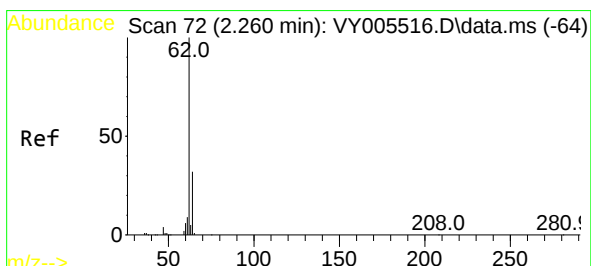
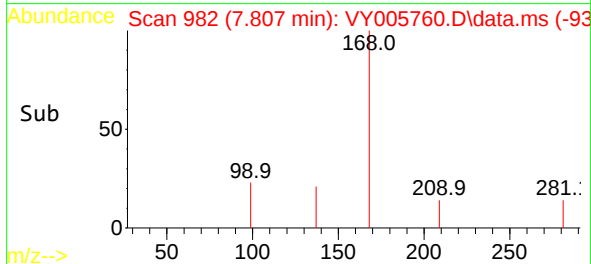
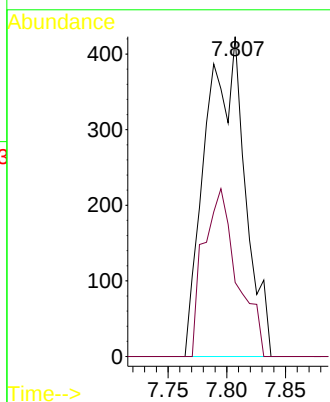
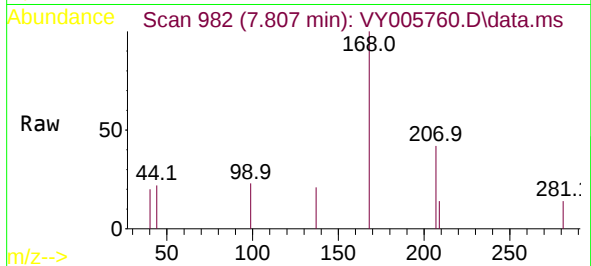




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

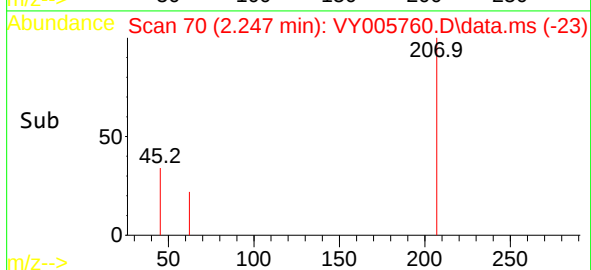
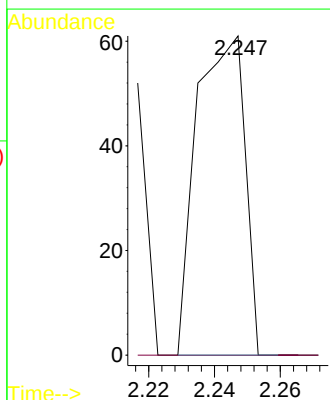
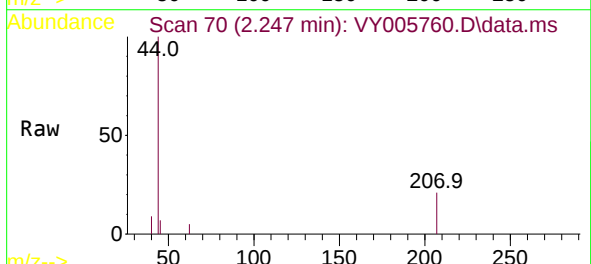
Instrument :
MSVOA_Y
ClientSampled :

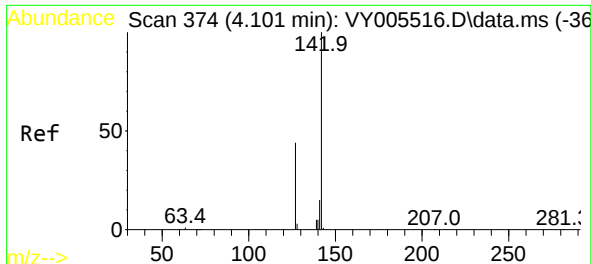
Tgt Ion:168 Resp: 984
Ion Ratio Lower Upper
168 100
99 23.2 38.9 58.3#



#4
Vinyl Chloride
Concen: 5.362 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

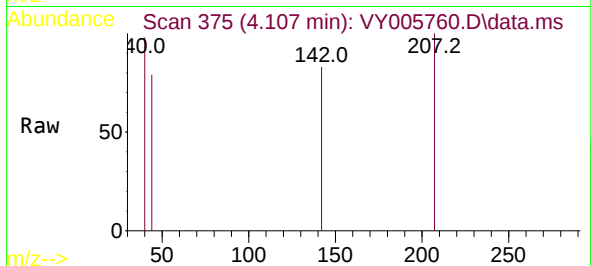
Tgt Ion: 62 Resp: 62
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#



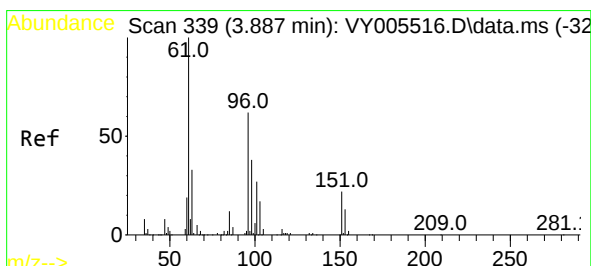
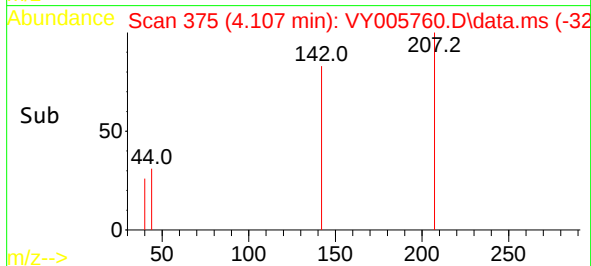
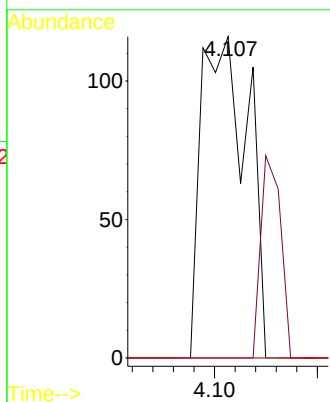


#10
Methyl Iodide
Concen: 17.491 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

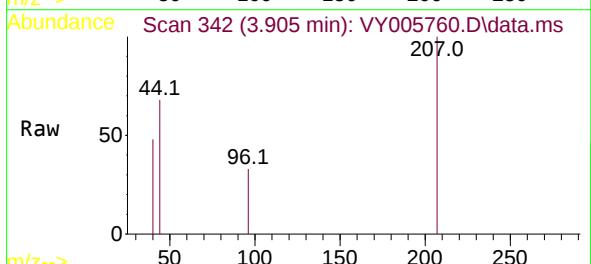
Instrument :
MSVOA_Y
ClientSampled :



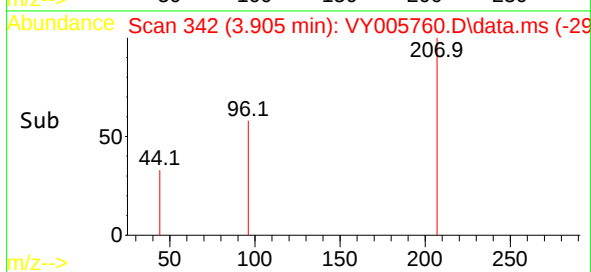
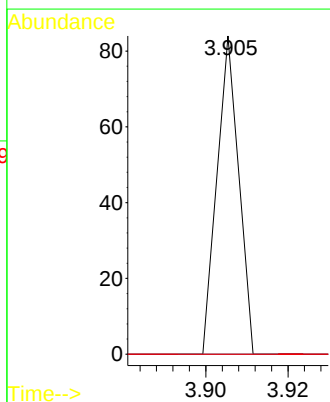
Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 26.8 36.6 54.8#
141 0.0 12.2 18.4#

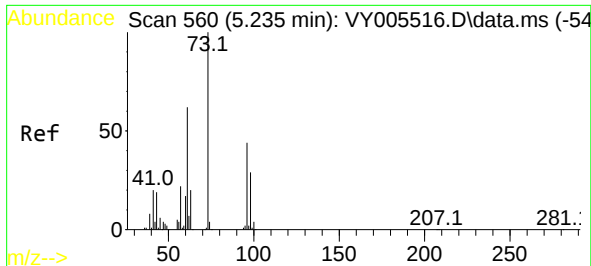


#12
1,1-Dichloroethene
Concen: 3.656 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43



Tgt Ion: 96 Resp: 31
Ion Ratio Lower Upper
96 100
61 0.0 128.6 192.8#
98 0.0 49.2 73.8#

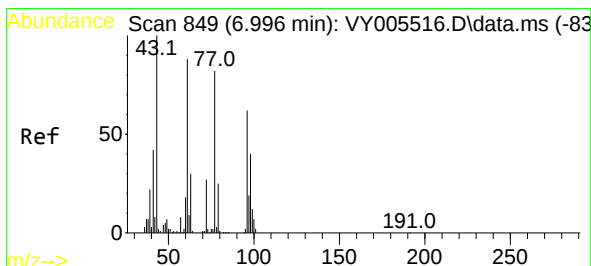
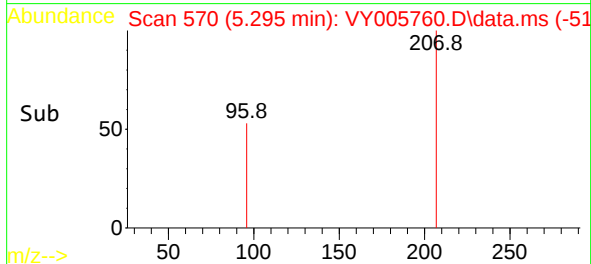
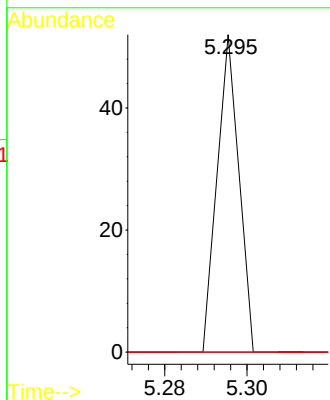
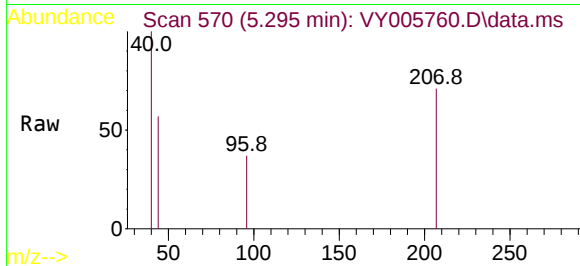




#21
trans-1,2-Dichloroethene
Concen: 2.004 ug/l
RT: 5.295 min Scan# 570
Delta R.T. 0.061 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

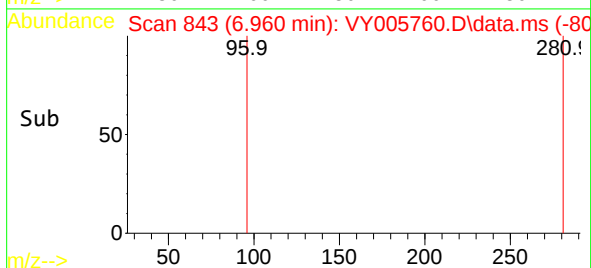
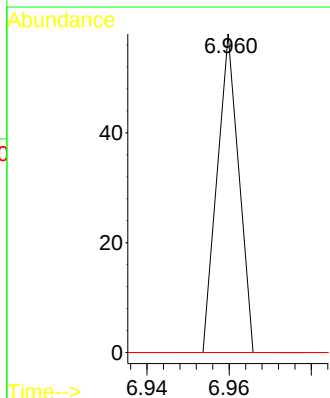
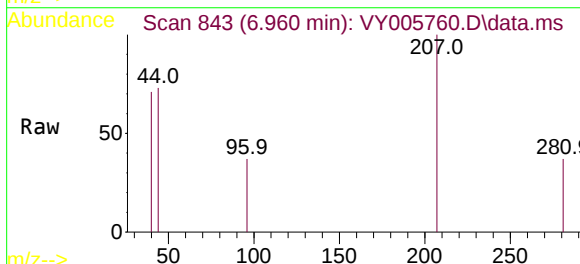
Instrument :
MSVOA_Y
ClientSampled :

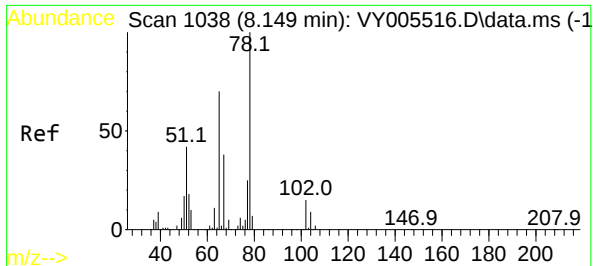
Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 112.6 168.8#
98 0.0 52.2 78.4#



#27
cis-1,2-Dichloroethene
Concen: 1.947 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.037 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Tgt Ion: 96 Resp: 21
Ion Ratio Lower Upper
96 100
61 0.0 0.0 290.0
98 0.0 0.0 128.0

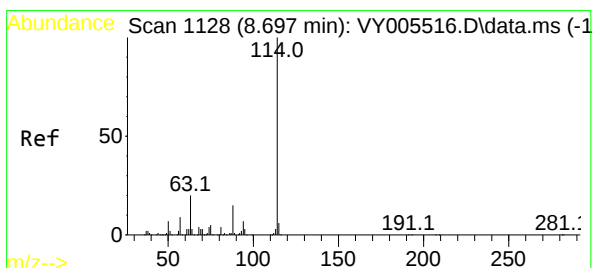
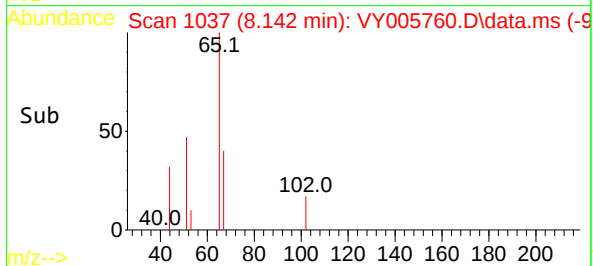
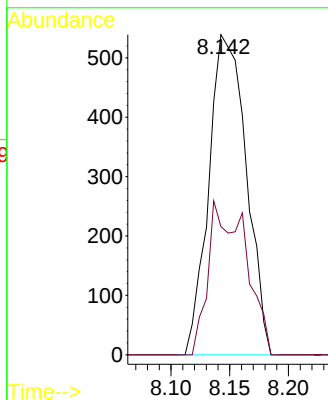
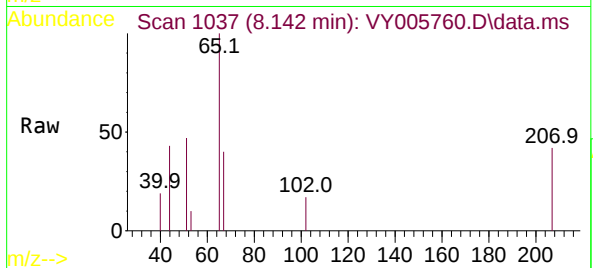




#33
1,2-Dichloroethane-d4
Concen: 120.174 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

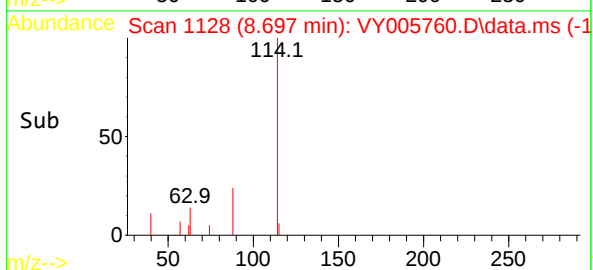
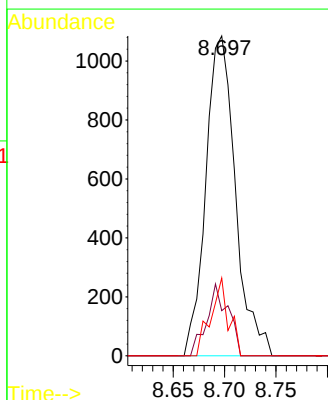
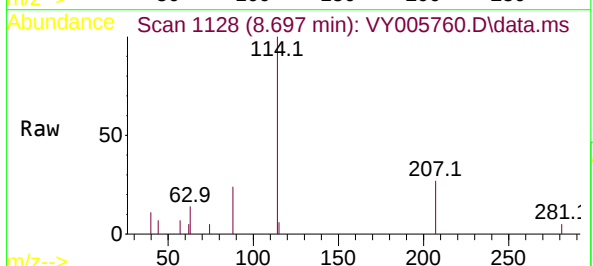
Instrument :
MSVOA_Y
ClientSampleId :

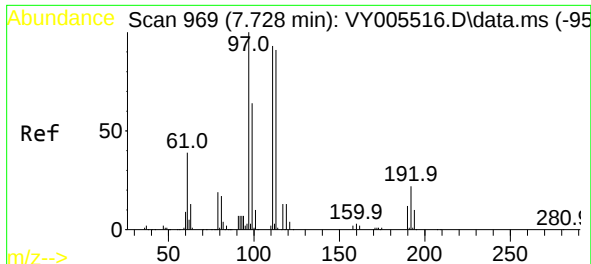
Tgt Ion: 65 Resp: 1197
Ion Ratio Lower Upper
65 100
67 48.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Tgt Ion: 114 Resp: 2175
Ion Ratio Lower Upper
114 100
63 14.1 0.0 39.2
88 24.3 0.0 30.8

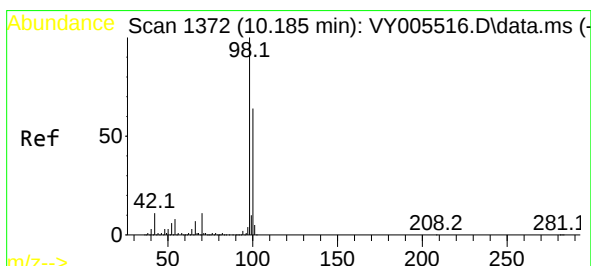
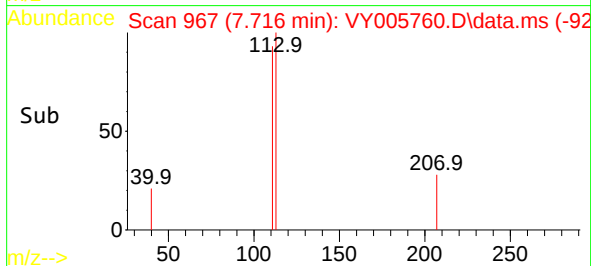
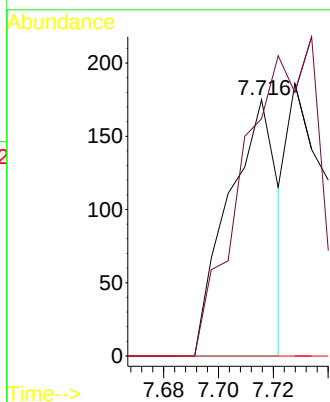
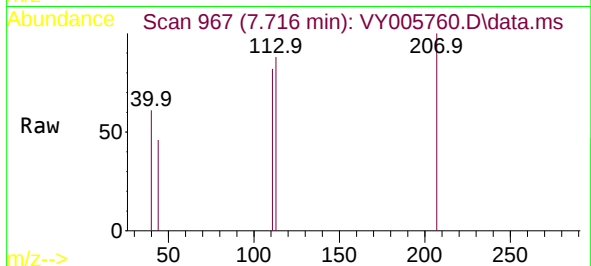




#35
Dibromofluoromethane
Concen: 17.902 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

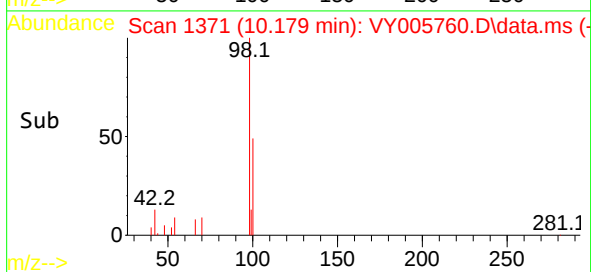
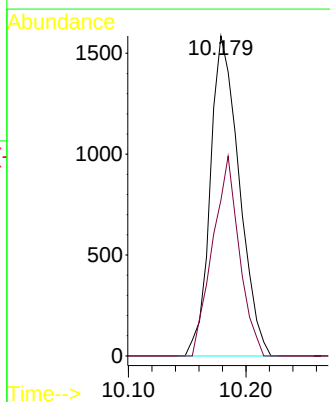
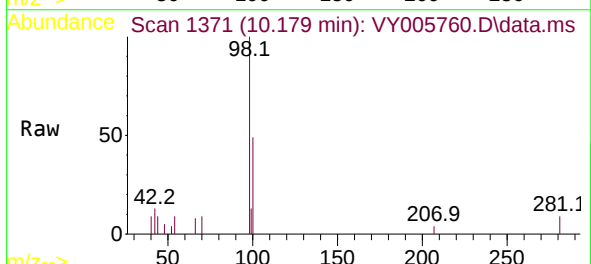
Instrument :
MSVOA_Y
ClientSampleId :

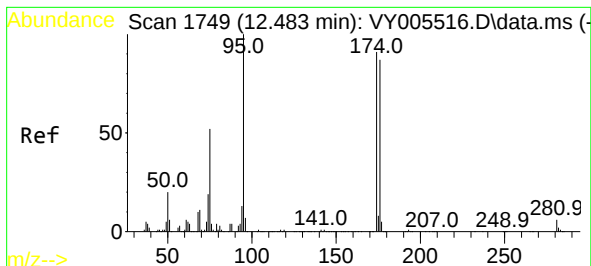
Tgt Ion:113 Resp: 218
Ion Ratio Lower Upper
113 100
111 186.7 81.9 122.9#
192 0.0 19.2 28.8#



#50
Toluene-d8
Concen: 53.122 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Tgt Ion: 98 Resp: 2713
Ion Ratio Lower Upper
98 100
100 57.5 51.3 76.9

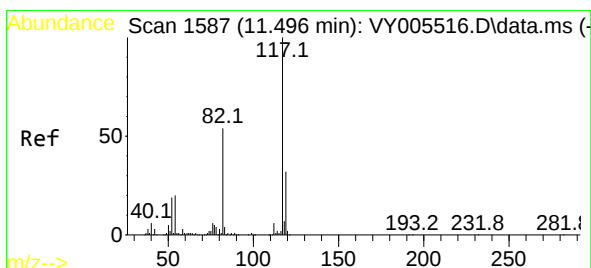
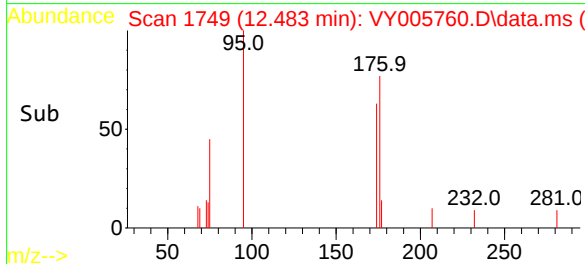
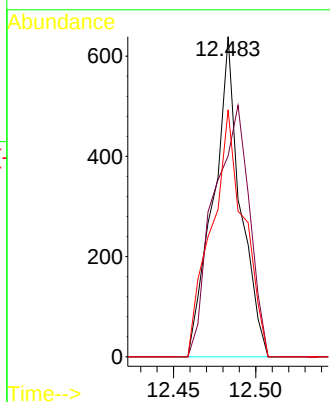
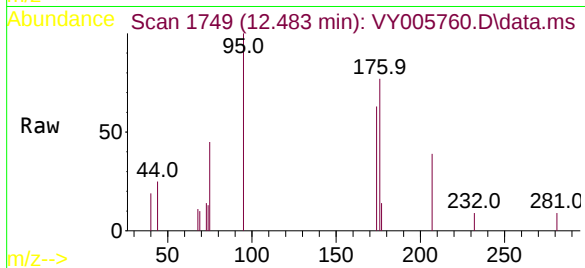




#62
4-Bromofluorobenzene
Concen: 43.224 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

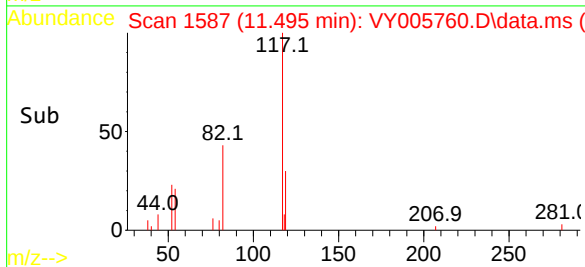
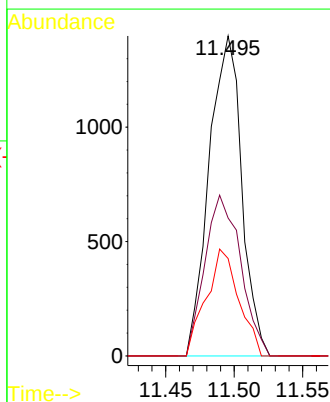
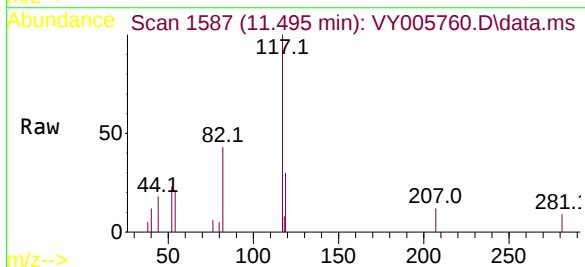
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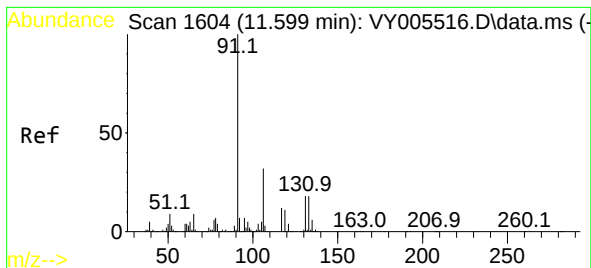
Tgt Ion:	95	Resp:	731
Ion	Ratio	Lower	Upper
95	100		
174	103.1	0.0	191.4
176	92.3	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Tgt Ion:	117	Resp:	2317
Ion	Ratio	Lower	Upper
117	100		
82	43.1	43.5	65.3#
119	30.5	25.5	38.3





#67

Ethyl Benzene

Concen: 1.230 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.103 min

Lab File: VY005760.D

Acq: 19 Aug 2021 11:43

Instrument :

MSVOA_Y

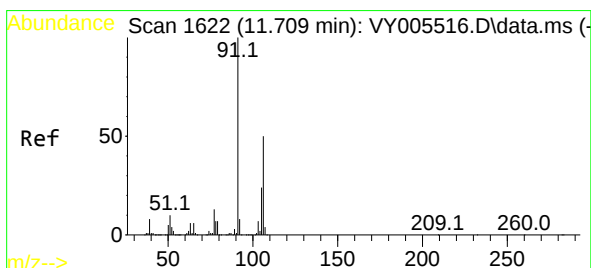
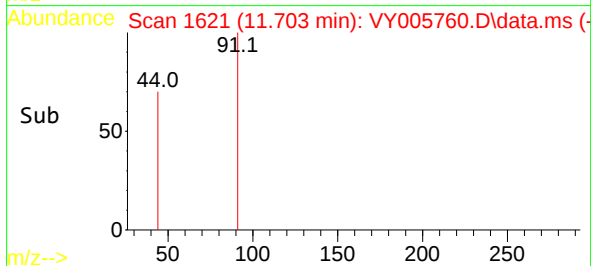
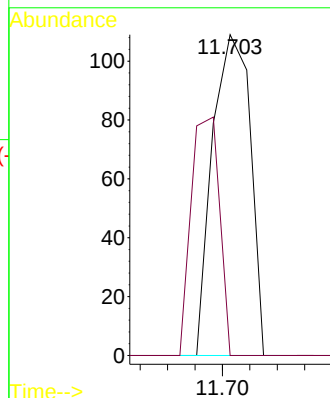
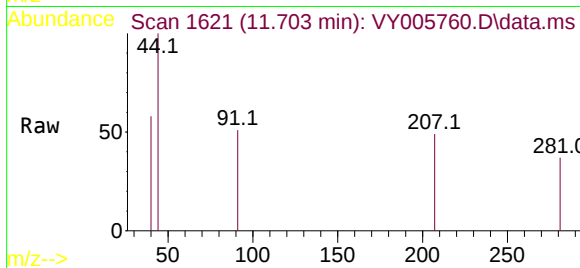
ClientSampled :

Tgt Ion: 91 Resp: 104

Ion Ratio Lower Upper

91 100

106 0.0 25.8 38.6#



#68

m/p-Xylenes

Concen: 1.766 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.012 min

Lab File: VY005760.D

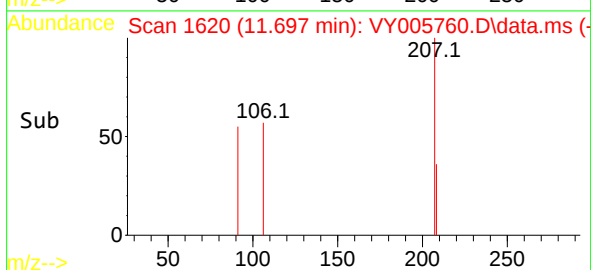
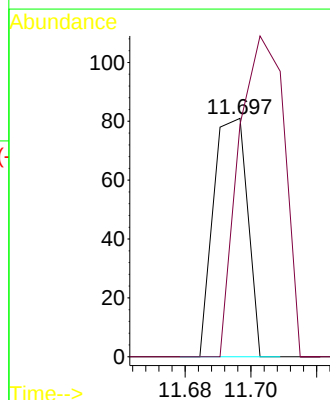
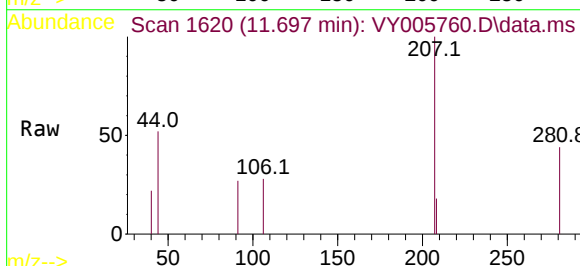
Acq: 19 Aug 2021 11:43

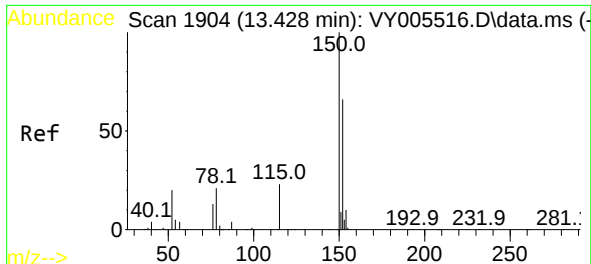
Tgt Ion:106 Resp: 58

Ion Ratio Lower Upper

106 100

91 179.3 159.6 239.4

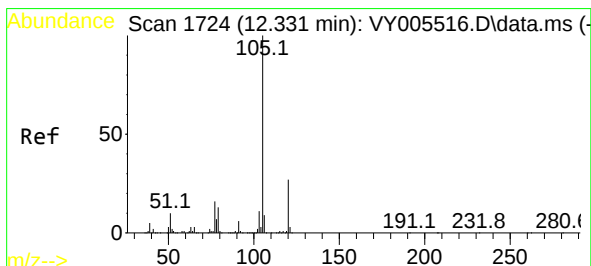
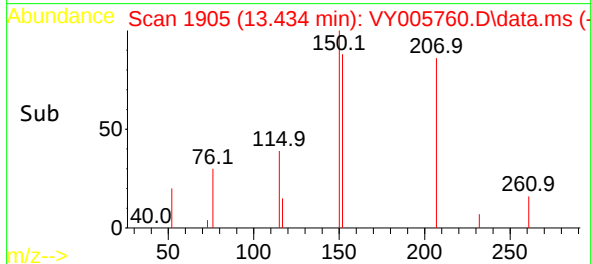
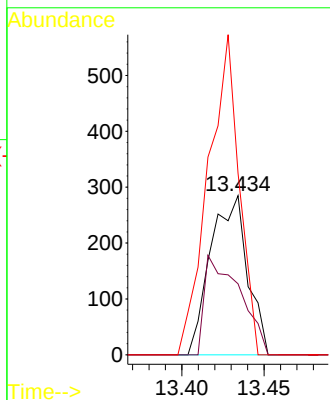
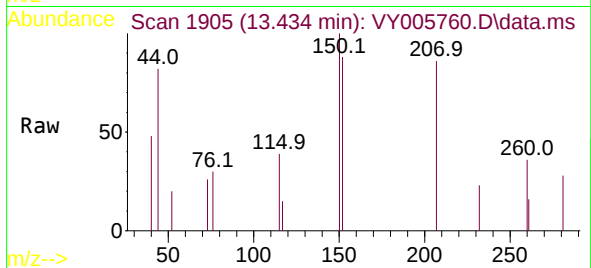




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

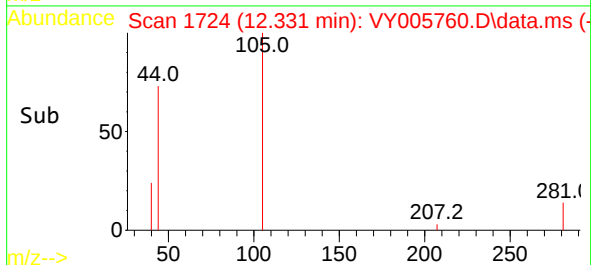
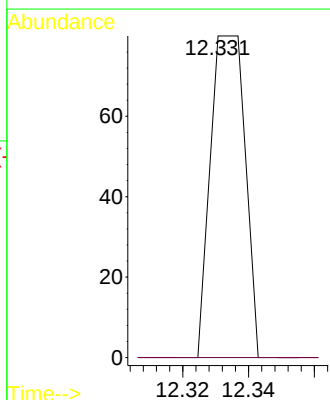
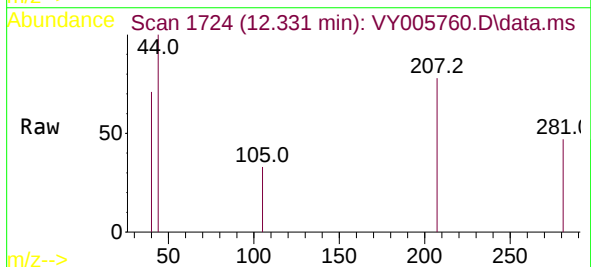
Instrument :
MSVOA_Y
ClientSampleId :

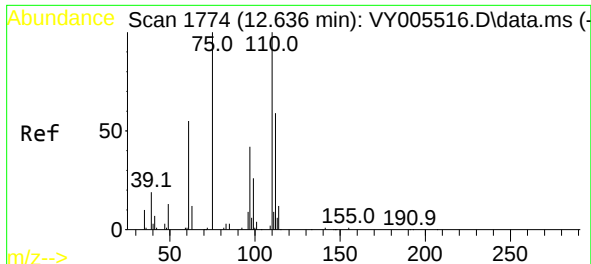
Tgt Ion:152 Resp: 447
Ion Ratio Lower Upper
152 100
115 59.5 27.3 81.9
150 168.0 0.0 350.2



#73
Isopropylbenzene
Concen: 1.859 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Tgt Ion:105 Resp: 58
Ion Ratio Lower Upper
105 100
120 0.0 13.7 41.1#

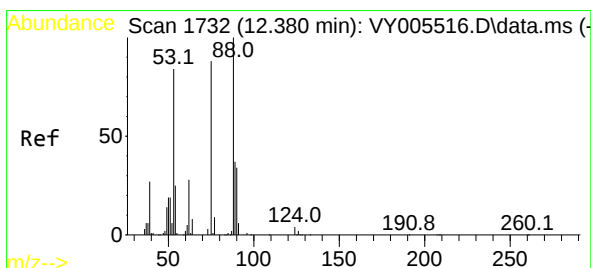
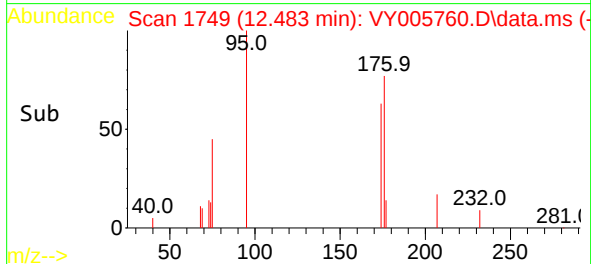
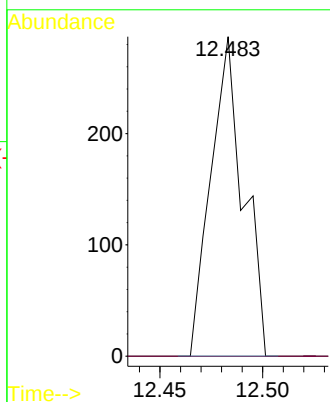
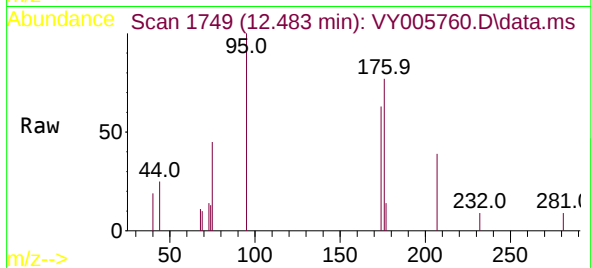




#76
1,2,3-Trichloropropane
Concen: 68.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

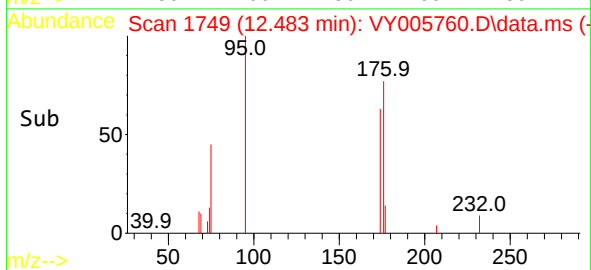
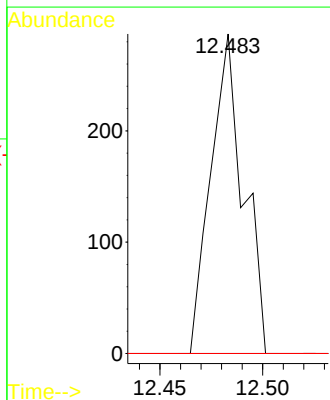
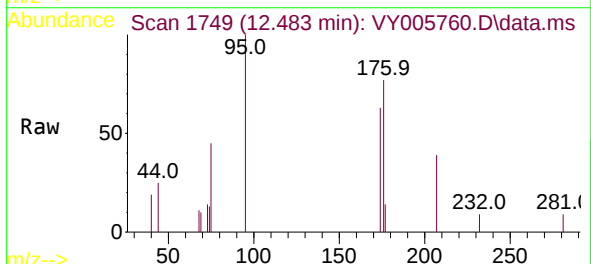
Instrument :
MSVOA_Y
ClientSampled :

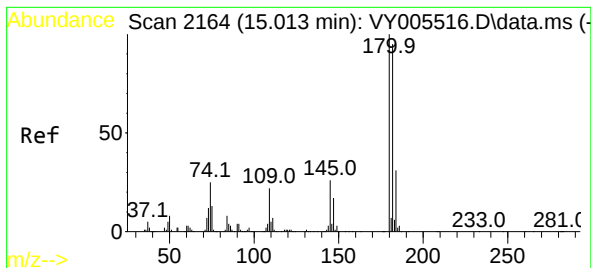
Tgt Ion: 75 Resp: 317
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 137.954 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Tgt Ion: 75 Resp: 317
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

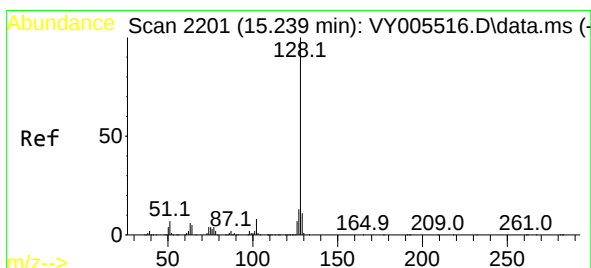
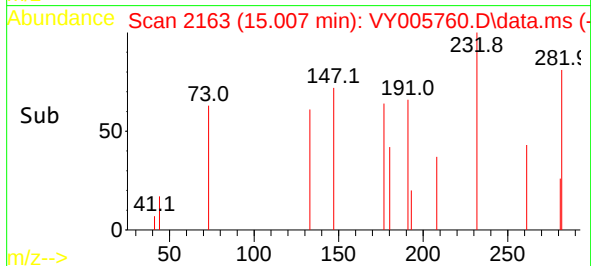
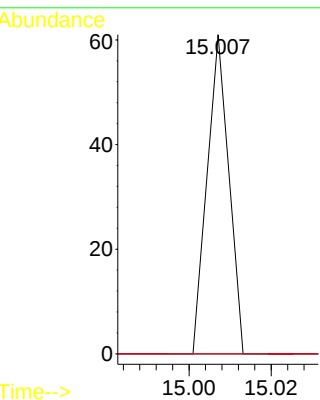
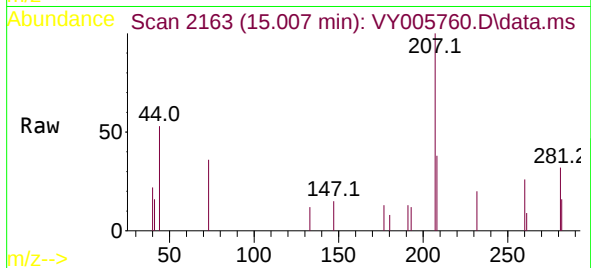




#93
1,2,4-Trichlorobenzene
Concen: 2.424 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:180 Resp: 22
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.4#
145 0.0 14.0 42.0#



#95
Naphthalene
Concen: 4.080 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Tgt Ion:128 Resp: 73
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.7 13.1#

