

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006188.D
 Acq On : 28 Sep 2021 15:08
 Operator : SY/MD
 Sample : VY0928SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0928SBL01

Quant Time: Sep 28 17:49:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

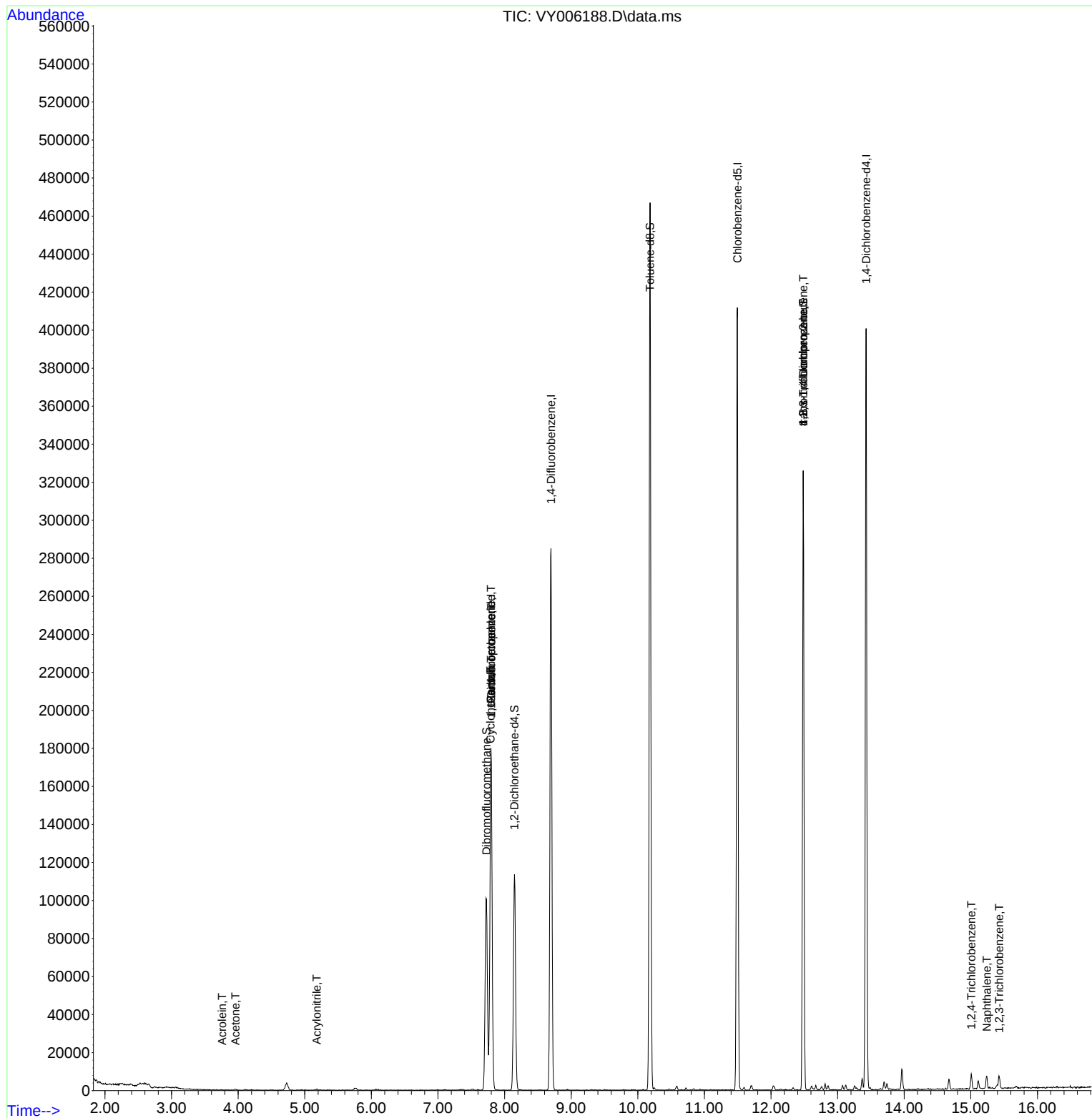
Internal Standards						
1) Pentafluorobenzene	7.795	168	140769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93129	61.812	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.620%			
35) Dibromofluoromethane	7.728	113	71523	57.169	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.340%			
50) Toluene-d8	10.185	98	291056	55.587	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.180%			
62) 4-Bromofluorobenzene	12.483	95	92882	52.218	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.440%			
Target Compounds						
					Qvalue	
13) Acrolein	3.759	56	130	19.769	ug/l #	14
15) Acrylonitrile	5.180	53	448	1.062	ug/l #	77
16) Acetone	3.960	43	664	1.578	ug/l #	80
20) Methylene Chloride	4.728	84	2616	Below Cal	#	80
31) Cyclohexane	7.789	56	3269	1.145	ug/l #	25
36) 1,1-Dichloropropene	7.801	75	11012	4.726	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13607	5.531	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	52124	54.141	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52124	106.395	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	2262	1.188	ug/l	99
95) Naphthalene	15.239	128	5349	1.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	2177	1.290	ug/l	99

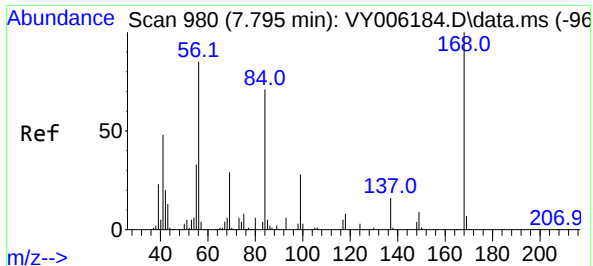
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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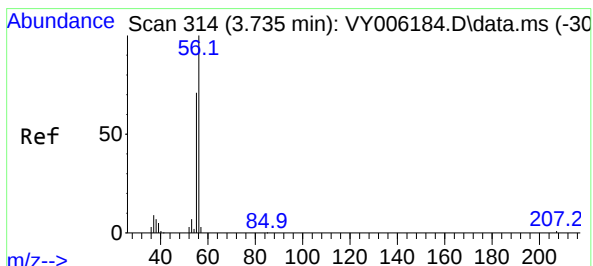
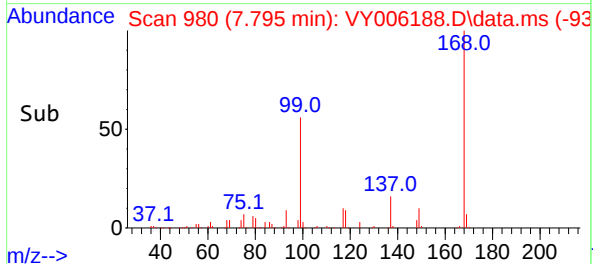
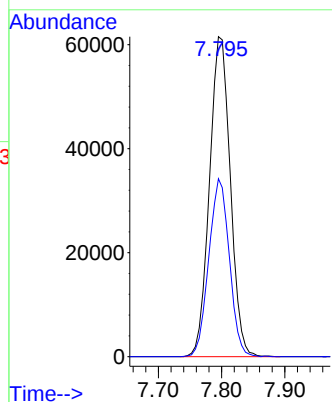
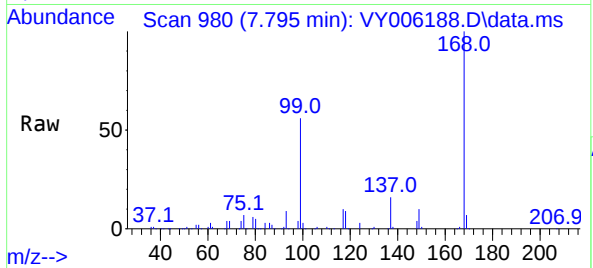




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

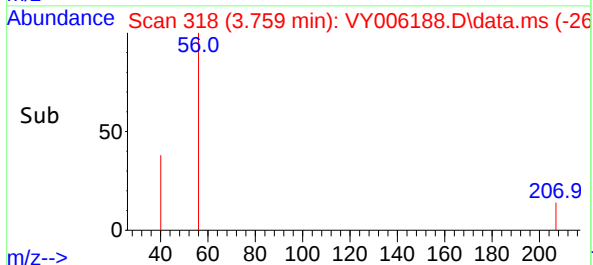
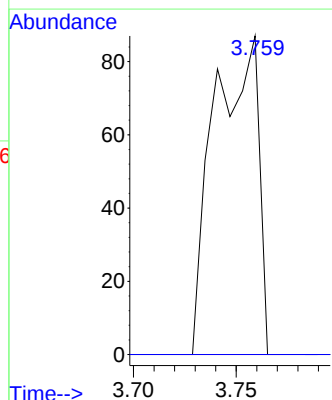
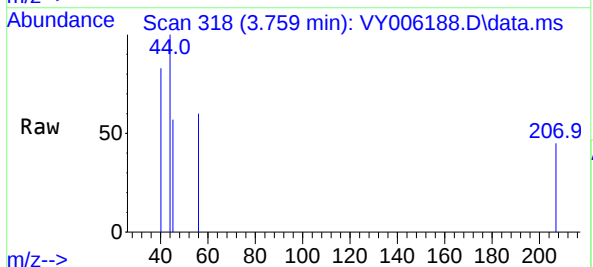
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

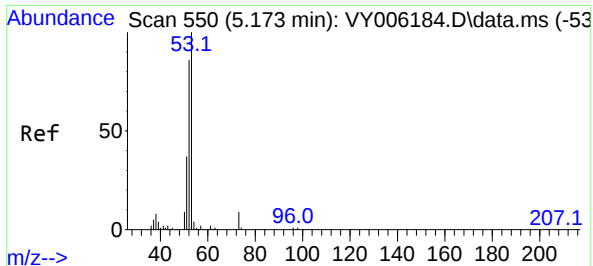
Tgt Ion:168 Resp: 140769
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#13
Acrolein
Concen: 19.769 ug/l
RT: 3.759 min Scan# 318
Delta R.T. 0.024 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

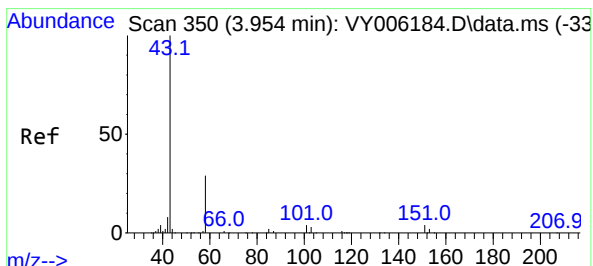
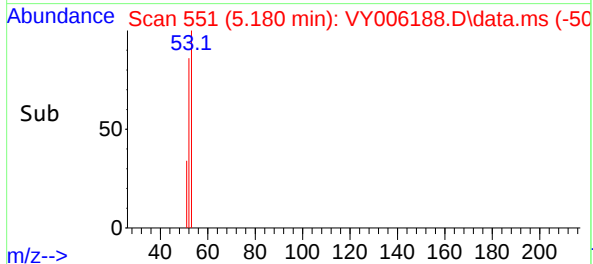
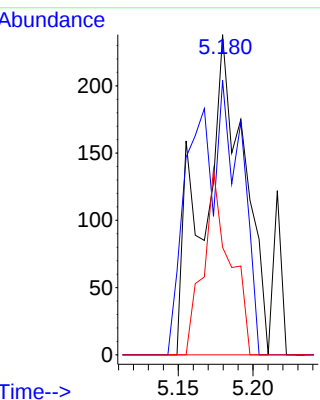
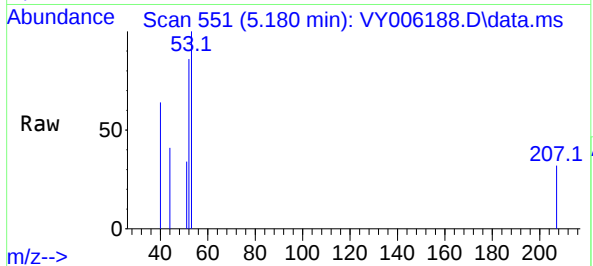




#15
Acrylonitrile
Concen: 1.062 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.007 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

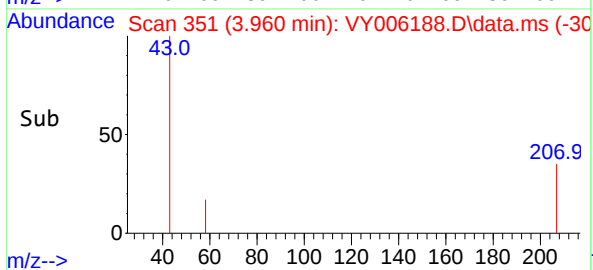
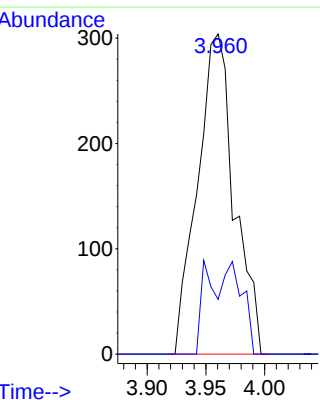
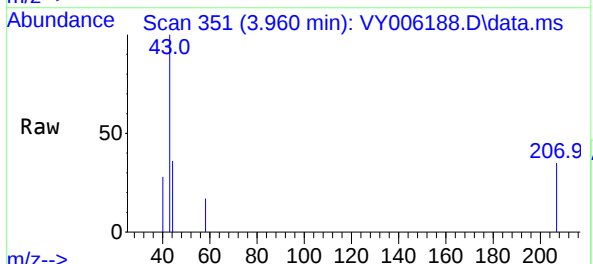
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

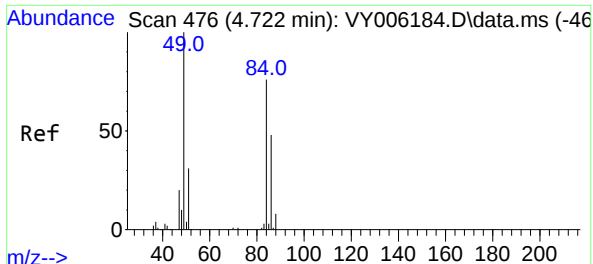
Tgt Ion:	53	Resp:	448
Ion	Ratio	Lower	Upper
53	100		
52	53.8	67.0	100.4#
51	37.5	29.8	44.6



#16
Acetone
Concen: 1.578 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Tgt Ion:	43	Resp:	664
Ion	Ratio	Lower	Upper
43	100		
58	17.1	22.0	33.0#



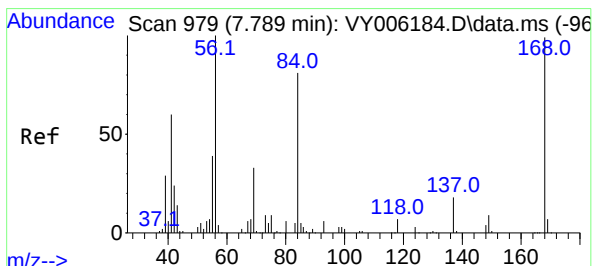
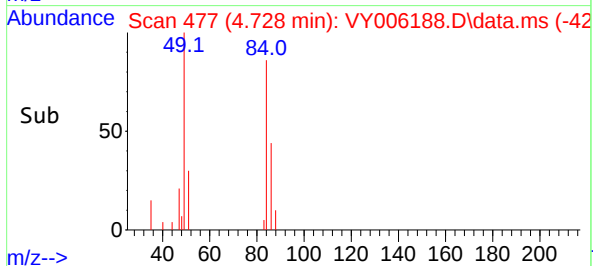
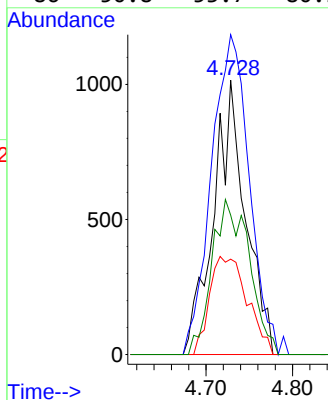
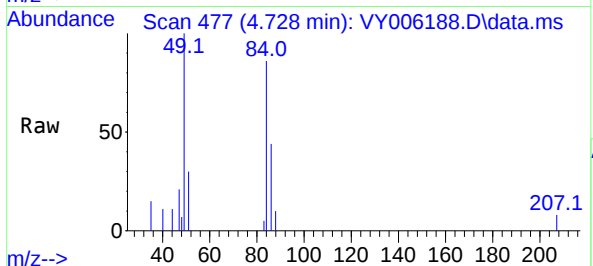


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

Tgt Ion: 84 Resp: 2616

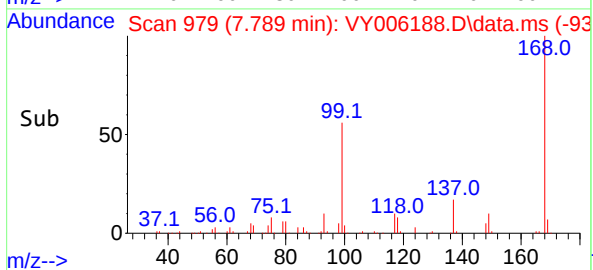
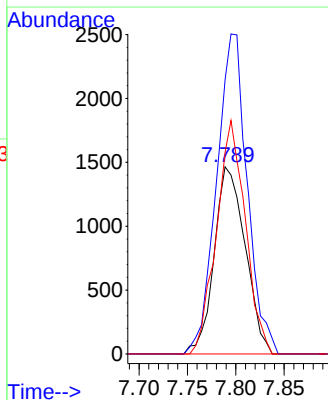
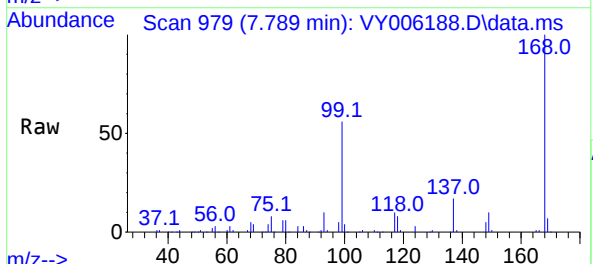
Ion	Ratio	Lower	Upper
84	100		
49	116.5	114.4	171.6
51	34.7	35.3	52.9#
86	50.8	53.7	80.5#

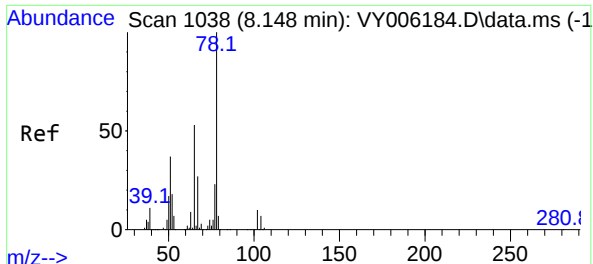


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Tgt Ion: 56 Resp: 3269

Ion	Ratio	Lower	Upper
56	100		
69	146.5	26.7	40.1#
84	107.7	67.2	100.8#

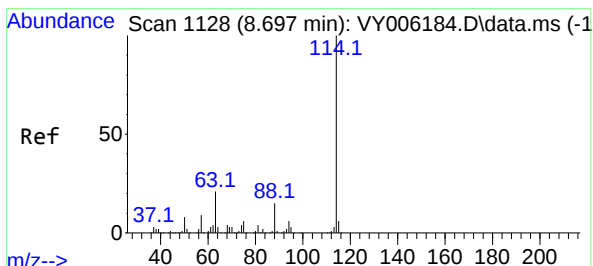
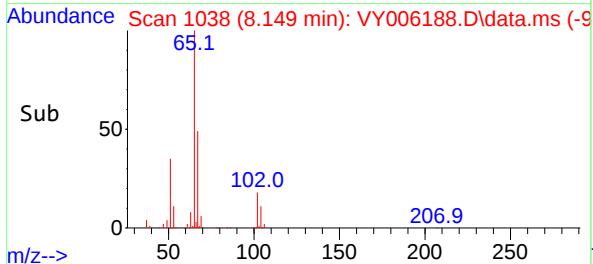
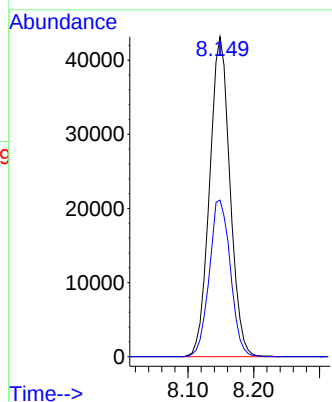
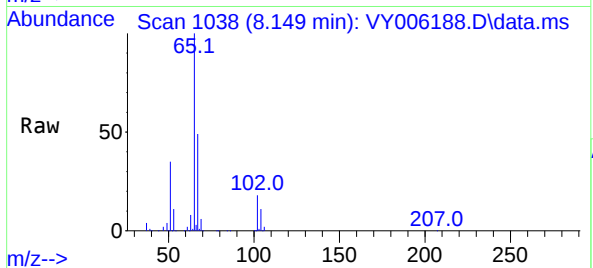




#33
1,2-Dichloroethane-d4
Concen: 61.812 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

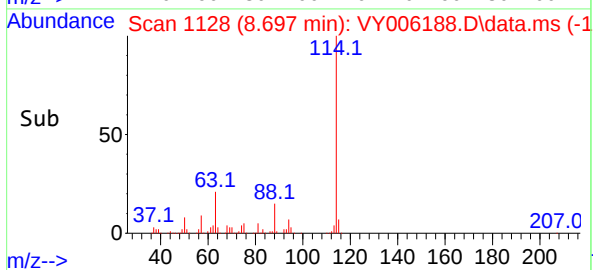
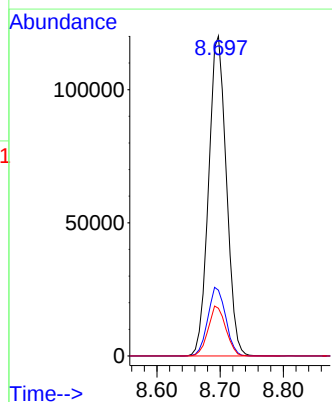
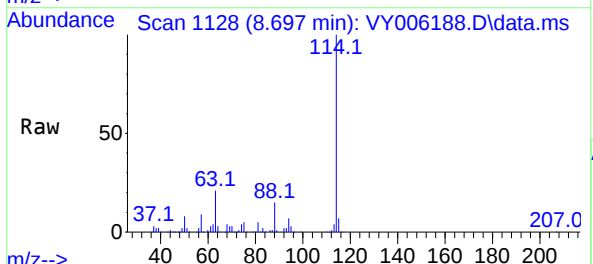
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

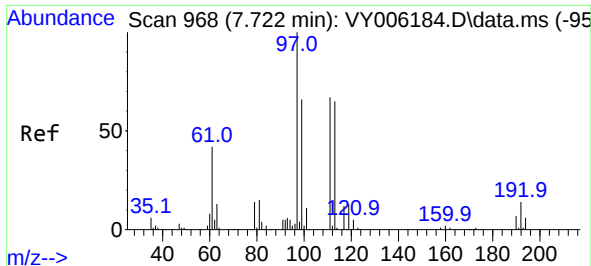
Tgt Ion: 65 Resp: 93129
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Tgt Ion: 114 Resp: 234172
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 14.9 0.0 31.8

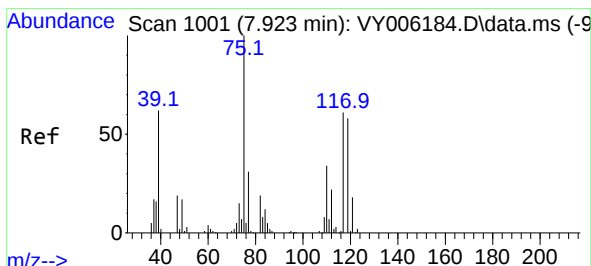
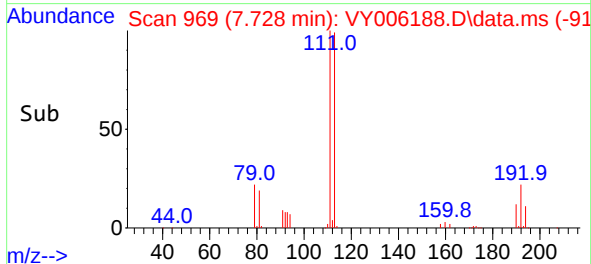
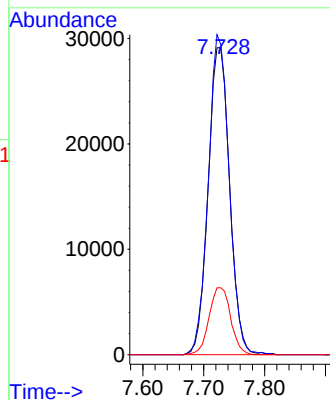
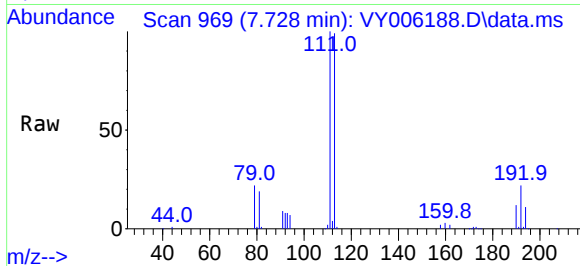




#35
Dibromofluoromethane
Concen: 57.169 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

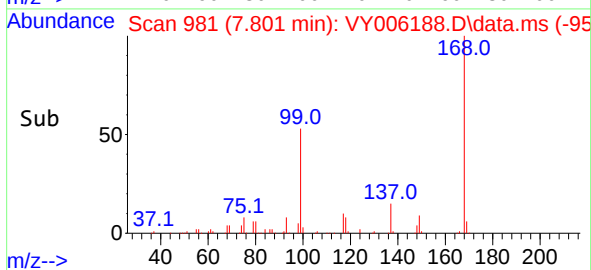
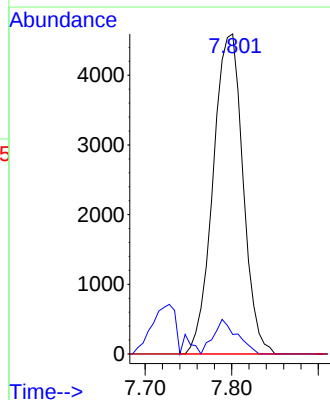
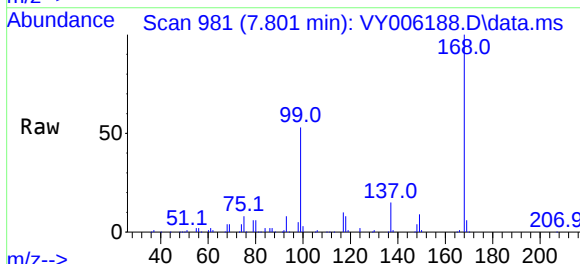
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ClientSampleId :
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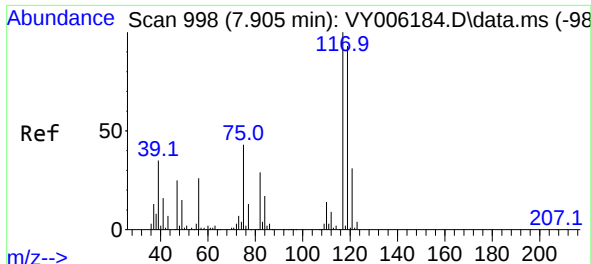
Tgt Ion:	113	Resp:	71523
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	124.0
192	21.9	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.726 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

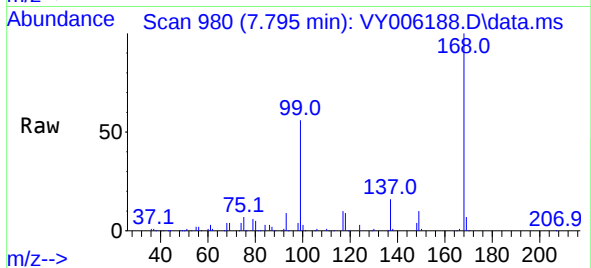
Tgt Ion:	75	Resp:	11012
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.1	51.2#
77	0.0	24.4	36.6#



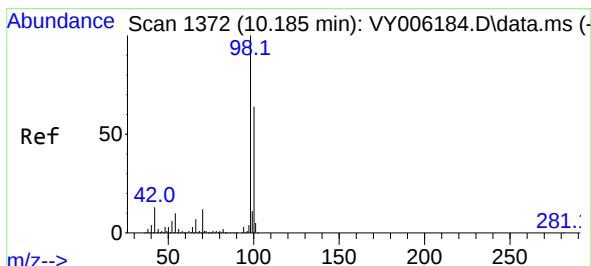
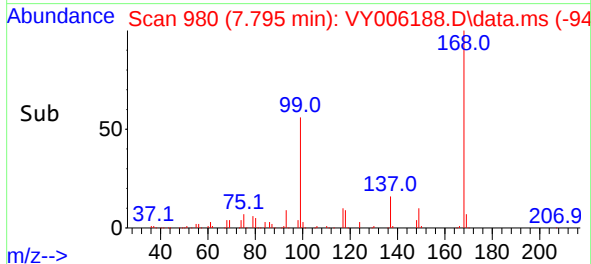
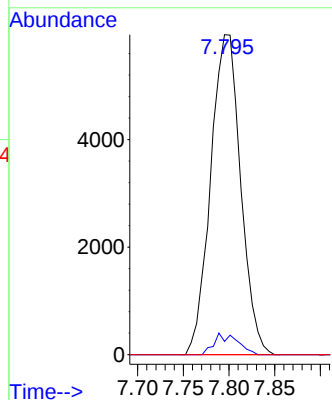


#38
Carbon Tetrachloride
Concen: 5.531 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

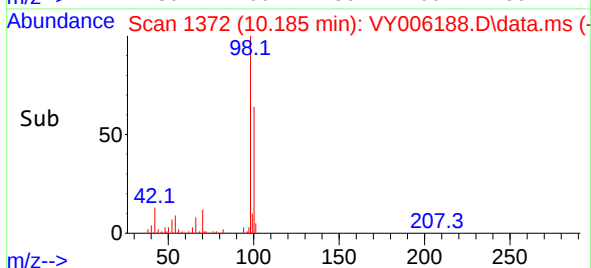
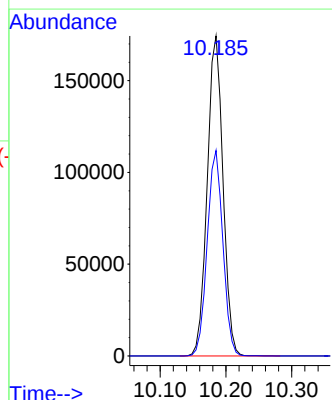
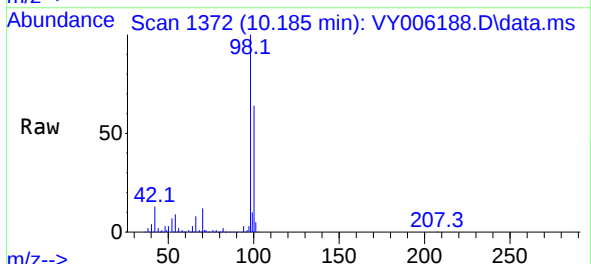


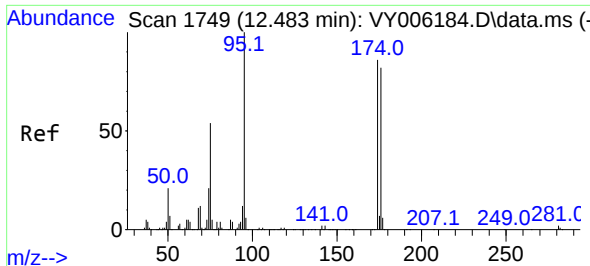
Tgt Ion:117 Resp: 13607
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.587 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Tgt Ion: 98 Resp: 291056
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

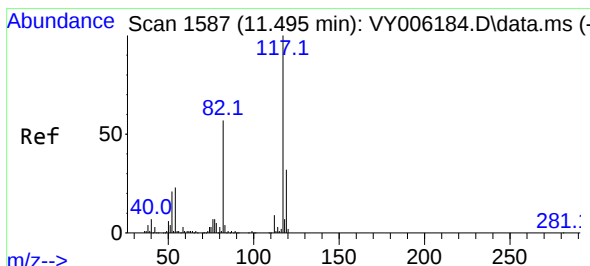
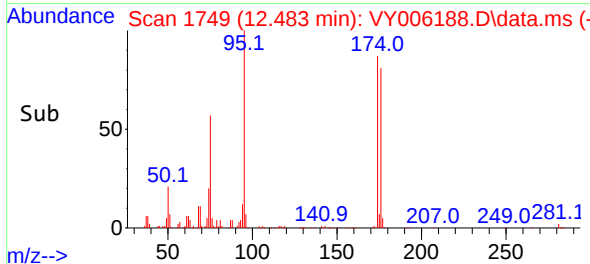
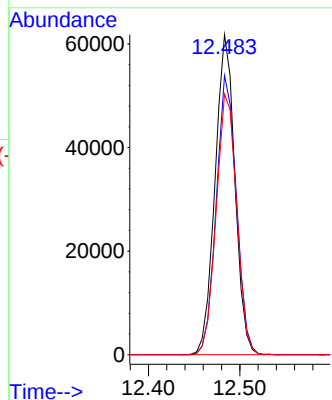
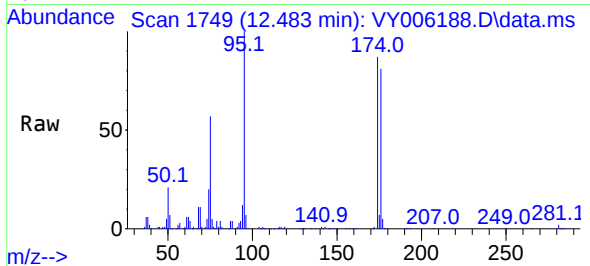




#62
4-Bromofluorobenzene
Concen: 52.218 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

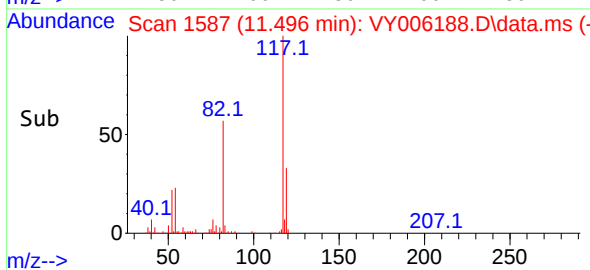
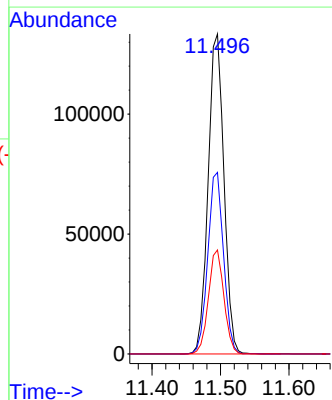
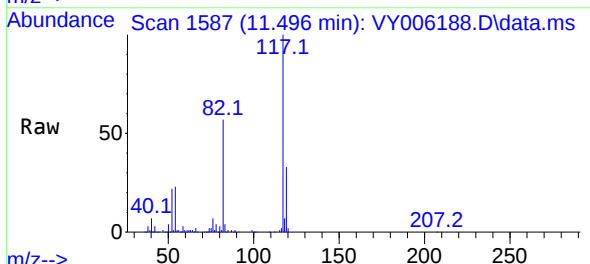
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

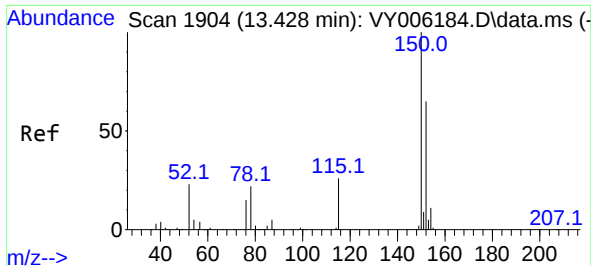
Tgt Ion:	95	Resp:	92882
Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	177.0
176	84.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Tgt Ion:	117	Resp:	214304
Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.0	64.4
119	32.5	25.4	38.0

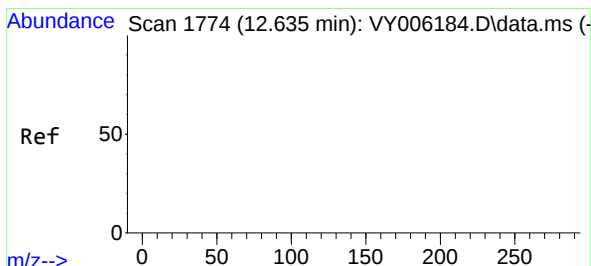
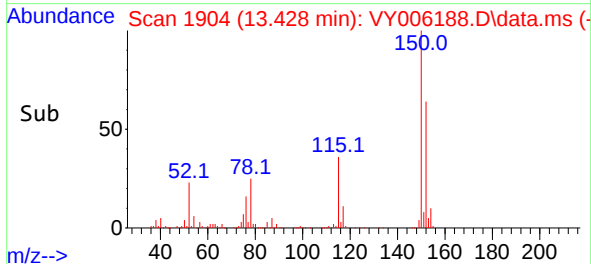
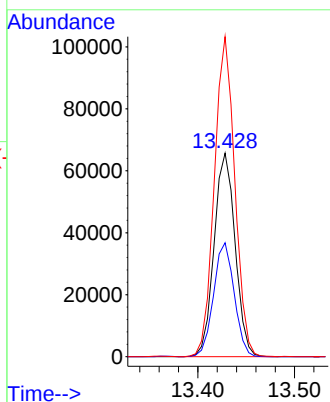
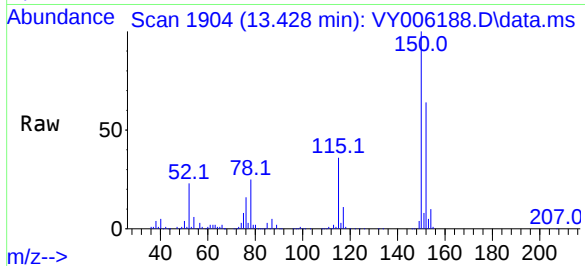




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

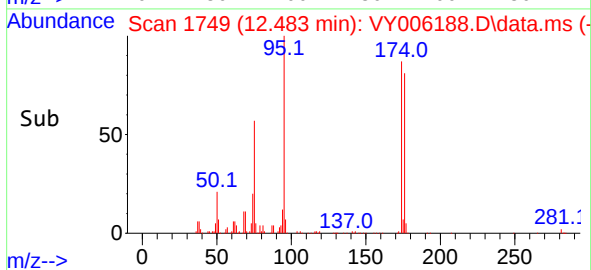
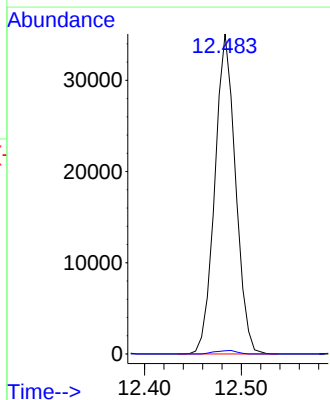
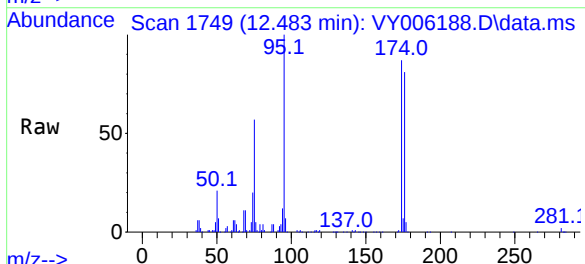
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

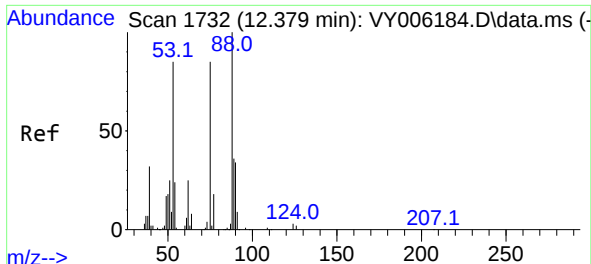
Tgt Ion:152 Resp: 99053
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 153.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 54.141 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Tgt Ion: 75 Resp: 52124
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

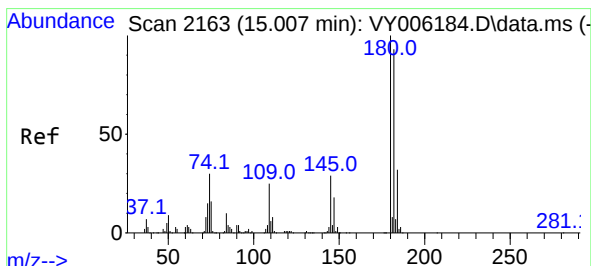
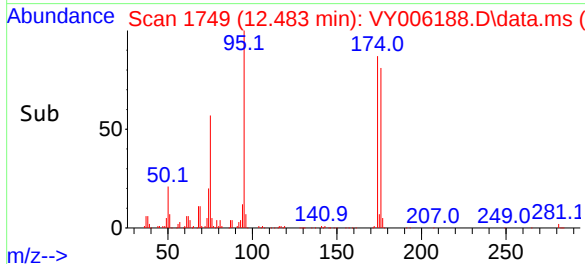
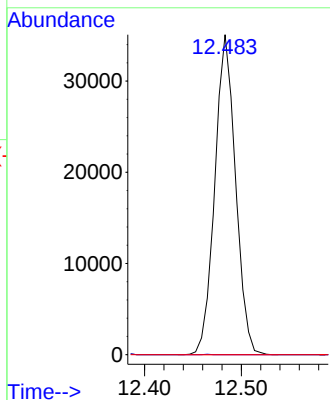
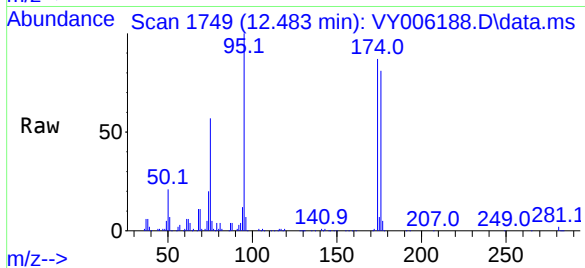




#81
trans-1,4-Dichloro-2-butene
Concen: 106.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

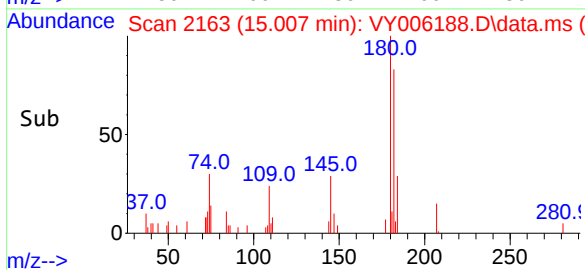
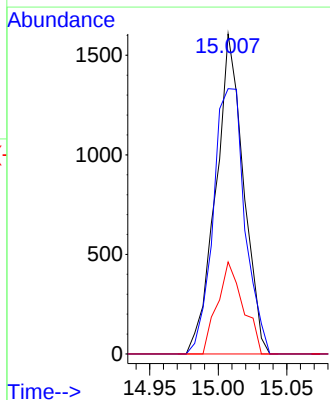
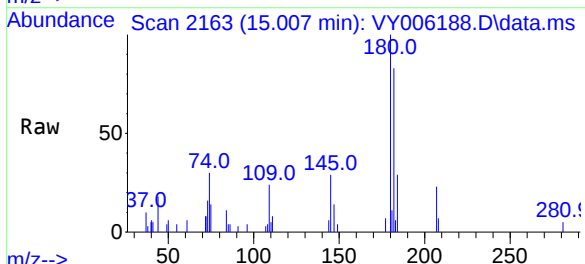
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

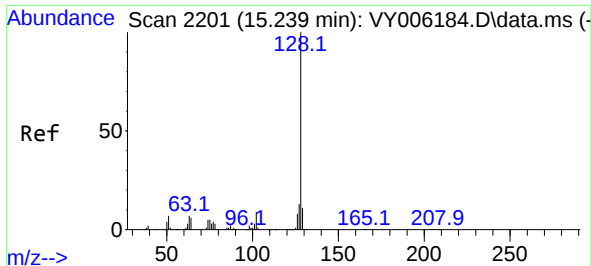
Tgt Ion: 75 Resp: 52124
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.188 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Tgt Ion:180 Resp: 2262
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 26.7 14.6 43.8

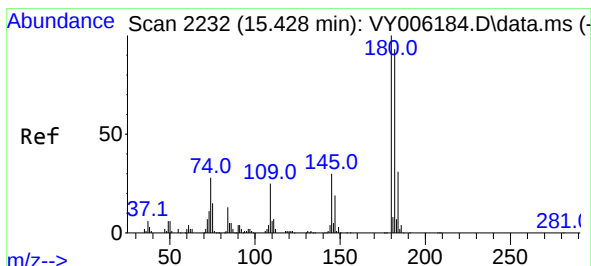
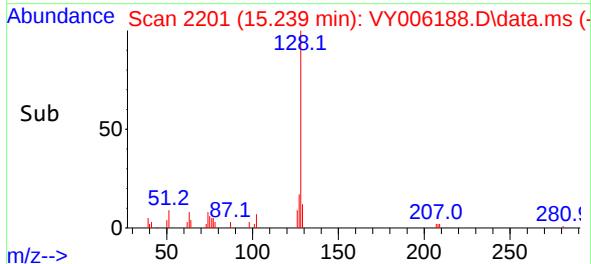
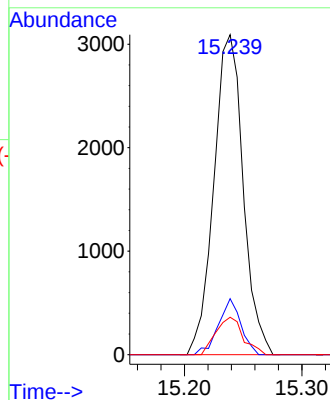
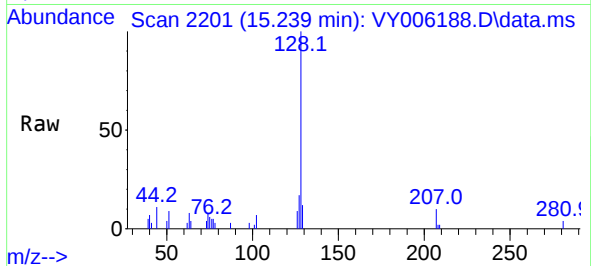




#95
Naphthalene
Concen: 1.414 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

Tgt Ion:	128	Resp:	5349
Ion	Ratio	Lower	Upper
128	100		
127	13.4	11.0	16.4
129	10.8	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.290 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY006188.D
Acq: 28 Sep 2021 15:08

Tgt Ion:	180	Resp:	2177
Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	141.9
145	30.1	15.3	45.9

