

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
 Data File : VY005878.D
 Acq On : 27 Aug 2021 13:09
 Operator : SY/MD
 Sample : M3548-01RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:50:59 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)

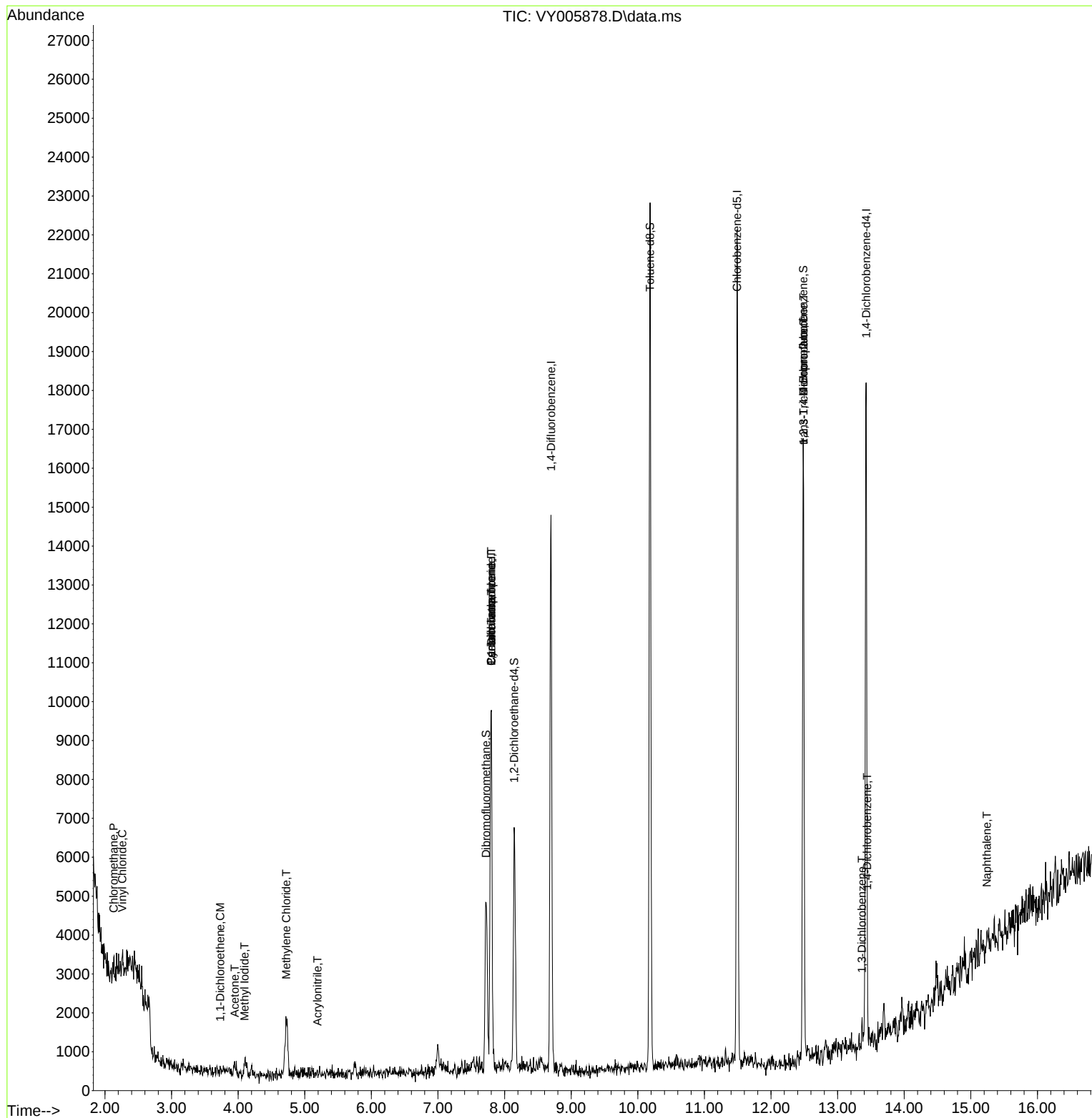
Internal Standards						
1) Pentafluorobenzene	7.801	168	7804	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	12046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4902	62.054	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.100%	
35) Dibromofluoromethane	7.722	113	3085	45.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.480%	
50) Toluene-d8	10.185	98	15137	53.516	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	12.483	95	4587	48.972	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.940%	
Target Compounds						
						Qvalue
3) Chloromethane	2.131	50	82	1.071	ug/l	# 42
4) Vinyl Chloride	2.259	62	269	2.933	ug/l	# 42
10) Methyl Iodide	4.094	142	645	7.773	ug/l	# 76
12) 1,1-Dichloroethene	3.728	96	97	1.442	ug/l	# 1
15) Acrylonitrile	5.192	53	25	1.137	ug/l	# 17
16) Acetone	3.948	43	309	15.515	ug/l	# 80
20) Methylene Chloride	4.722	84	1136	9.474	ug/l	# 80
31) Cyclohexane	7.801	56	179	1.321	ug/l	# 67
36) 1,1-Dichloropropene	7.801	75	671	5.939	ug/l	# 41
38) Carbon Tetrachloride	7.801	117	650	5.293	ug/l	# 13
76) 1,2,3-Trichloropropane	12.489	75	2446	50.402	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	2446	101.605	ug/l	# 11
87) 1,3-Dichlorobenzene	13.367	146	165	1.053	ug/l	# 74
88) 1,4-Dichlorobenzene	13.446	146	220	1.415	ug/l	# 50
95) Naphthalene	15.239	128	263	1.403	ug/l	# 81

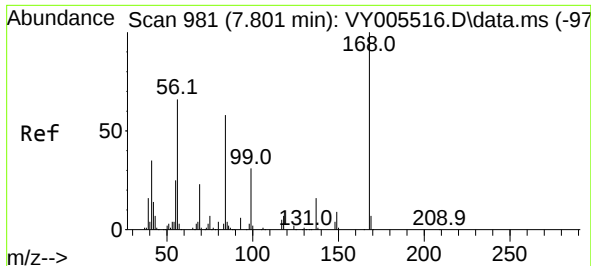
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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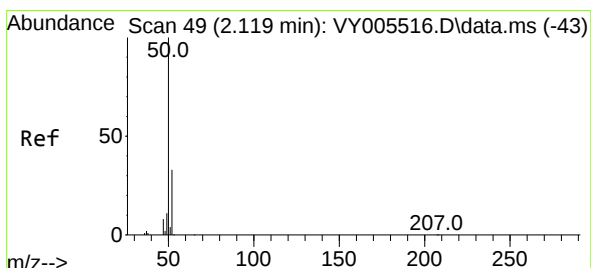
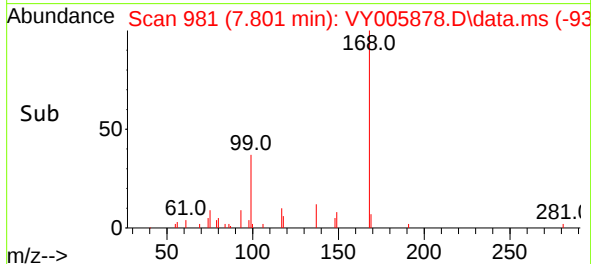
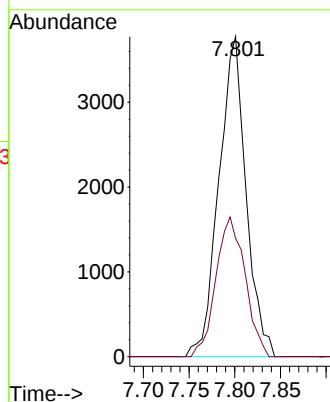
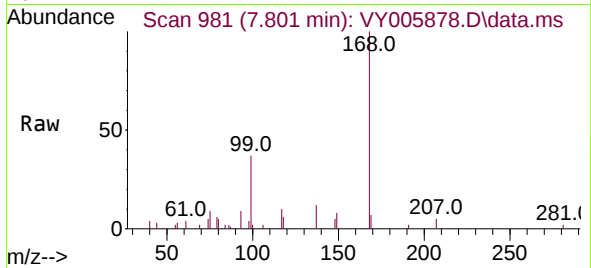




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

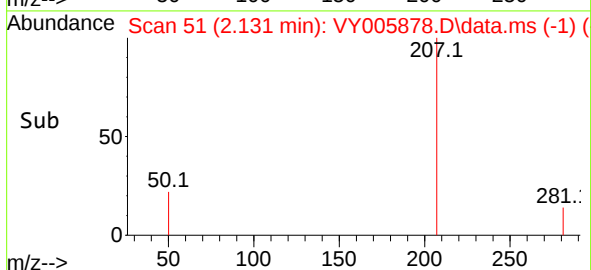
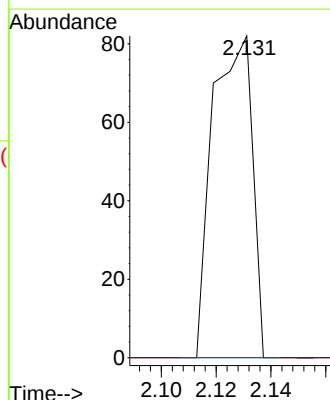
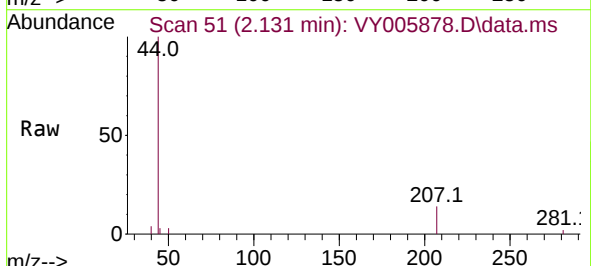
Instrument :
MSVOA_Y
ClientSampled :

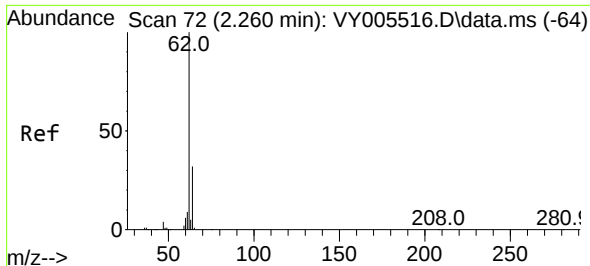
Tgt Ion:168 Resp: 7804
Ion Ratio Lower Upper
168 100
99 37.0 38.9 58.3#



#3
Chloromethane
Concen: 1.071 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

Tgt Ion: 50 Resp: 82
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

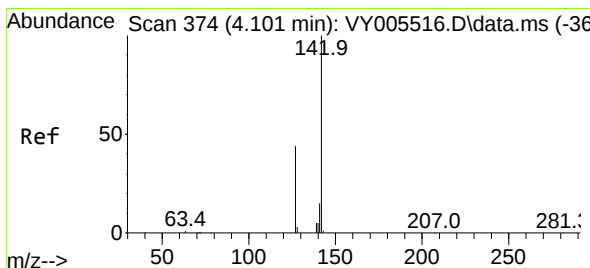
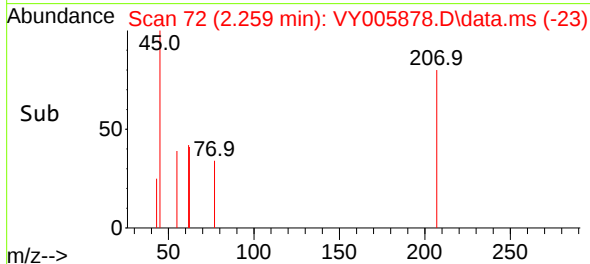
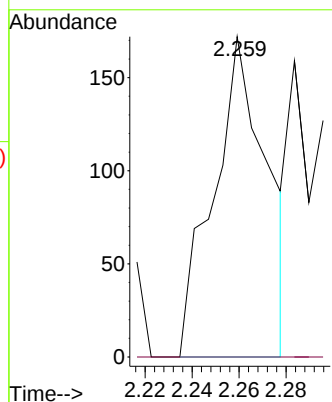
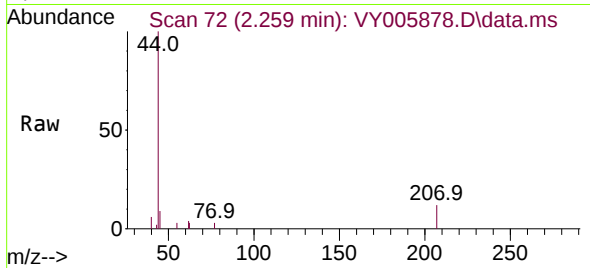




#4
 Vinyl Chloride
 Concen: 2.933 ug/l
 RT: 2.259 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY005878.D
 Acq: 27 Aug 2021 13:09

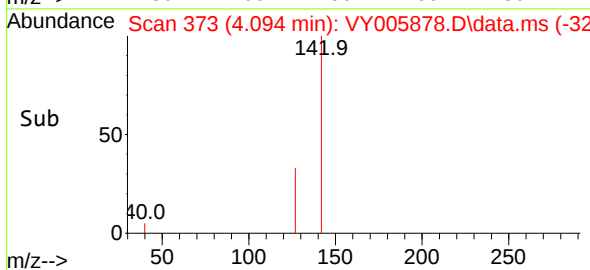
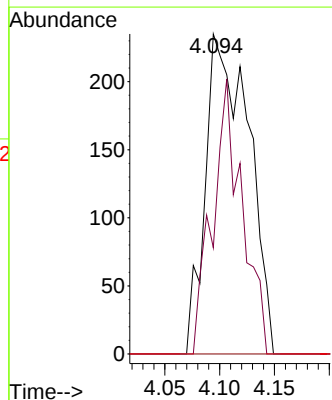
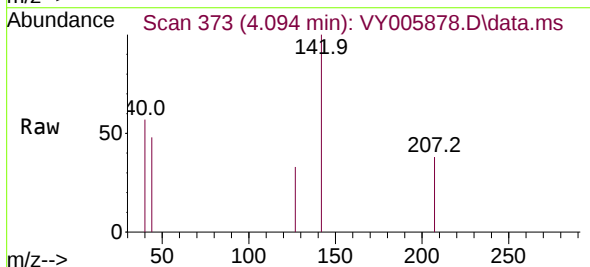
Instrument :
 MSVOA_Y
 ClientSampled :

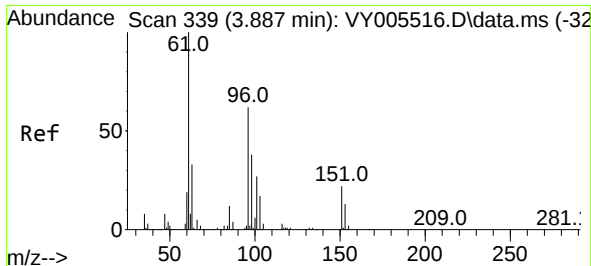
Tgt Ion: 62 Resp: 269
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.9 38.9#



#10
 Methyl Iodide
 Concen: 7.773 ug/l
 RT: 4.094 min Scan# 373
 Delta R.T. -0.006 min
 Lab File: VY005878.D
 Acq: 27 Aug 2021 13:09

Tgt Ion: 142 Resp: 645
 Ion Ratio Lower Upper
 142 100
 127 58.6 36.6 54.8#
 141 0.0 12.2 18.4#





#12

1,1-Dichloroethene

Concen: 1.442 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.159 min

Lab File: VY005878.D

Acq: 27 Aug 2021 13:09

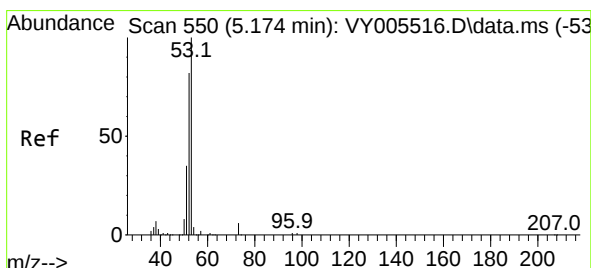
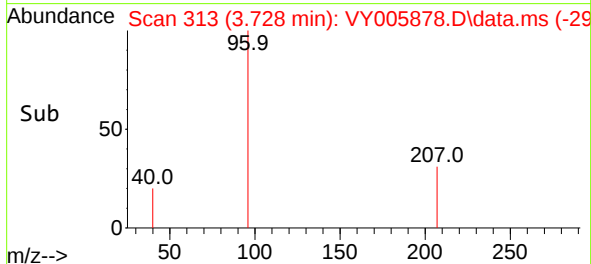
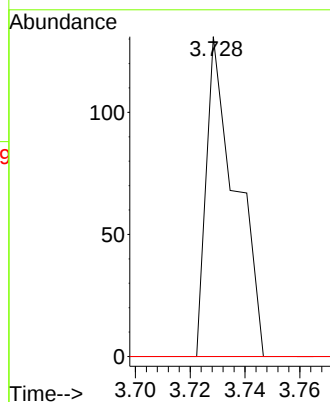
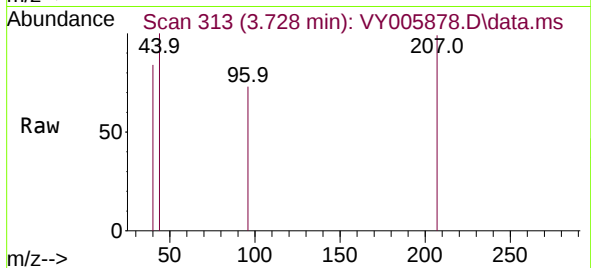
Tgt Ion: 96 Resp: 97

Ion Ratio Lower Upper

96 100

61 0.0 128.6 192.8#

98 0.0 49.2 73.8#



#15

Acrylonitrile

Concen: 1.137 ug/l

RT: 5.192 min Scan# 553

Delta R.T. 0.018 min

Lab File: VY005878.D

Acq: 27 Aug 2021 13:09

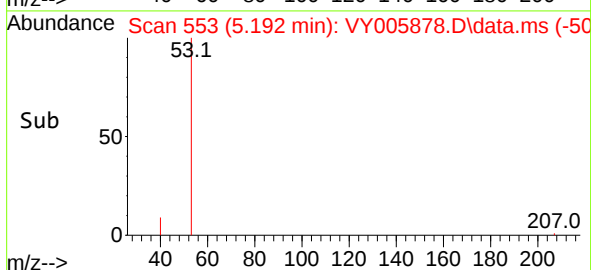
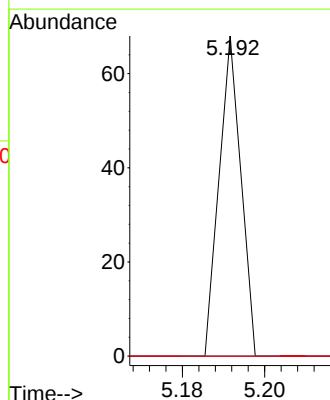
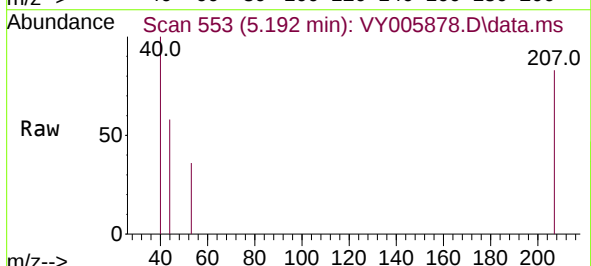
Tgt Ion: 53 Resp: 25

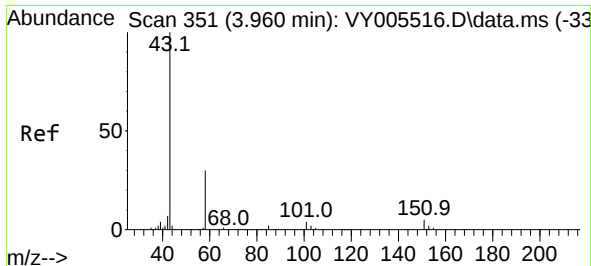
Ion Ratio Lower Upper

53 100

52 0.0 66.6 99.8#

51 0.0 29.9 44.9#

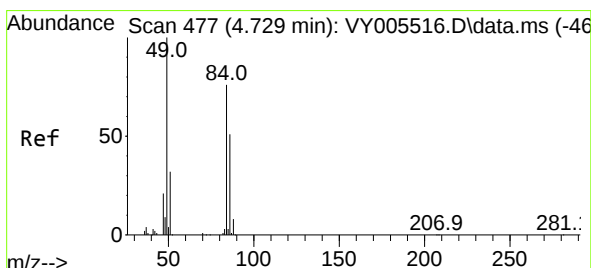
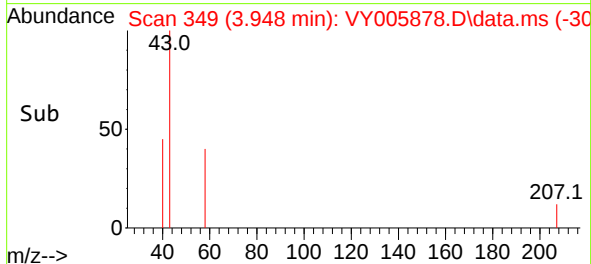
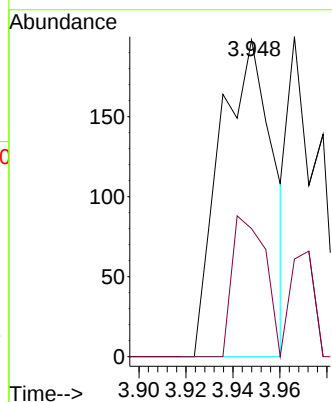
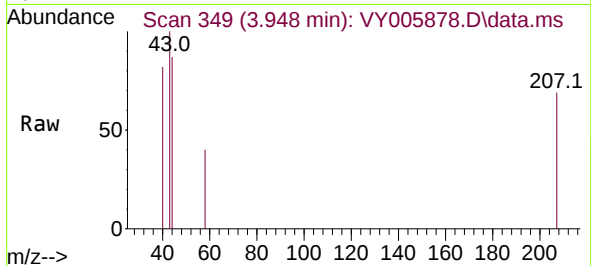




#16
Acetone
Concen: 15.515 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.013 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

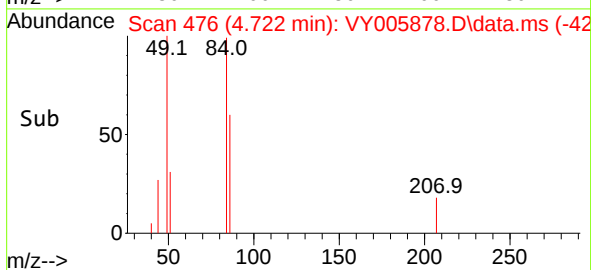
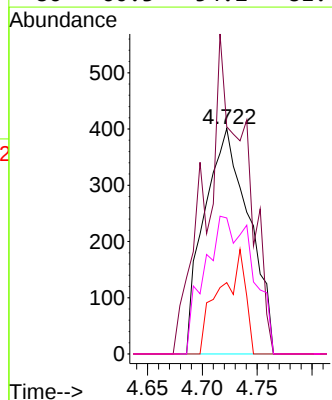
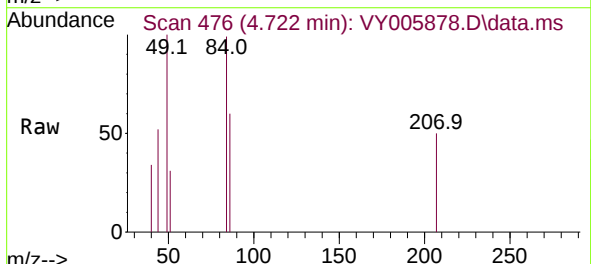
Instrument :
MSVOA_Y
ClientSampled :

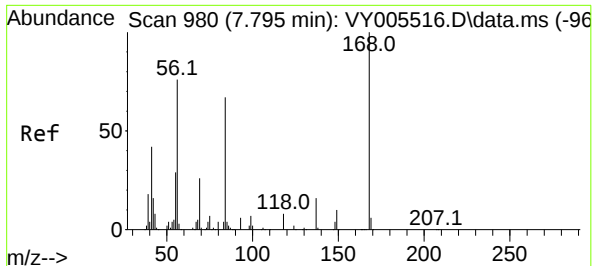
Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
58 40.4 23.8 35.6#



#20
Methylene Chloride
Concen: 9.474 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

Tgt Ion: 84 Resp: 1136
Ion Ratio Lower Upper
84 100
49 100.7 105.8 158.6#
51 31.7 33.4 50.2#
86 60.3 54.2 81.4

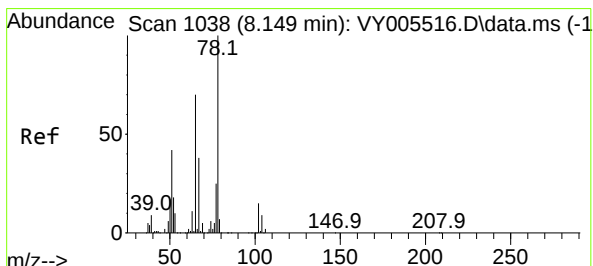
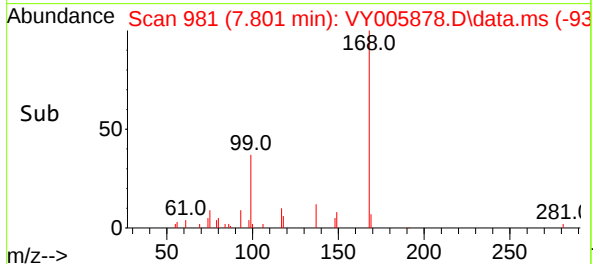
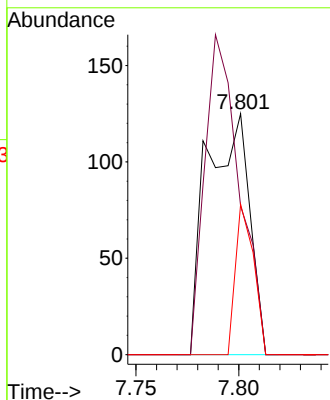
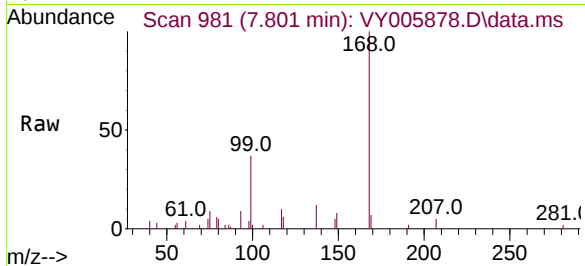




#31
Cyclohexane
Concen: 1.321 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

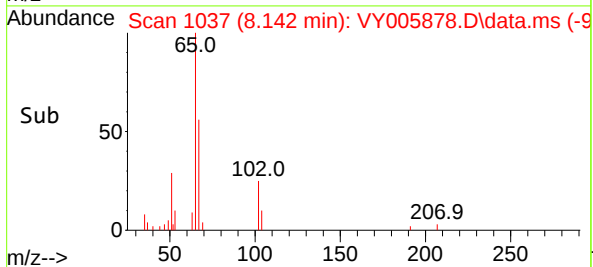
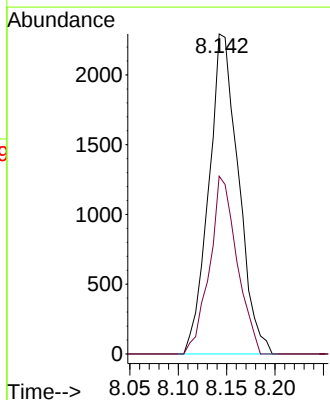
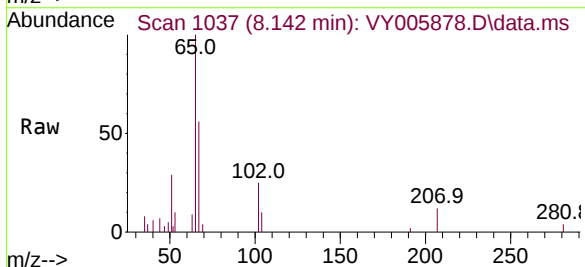
Instrument :
MSVOA_Y
ClientSampled :

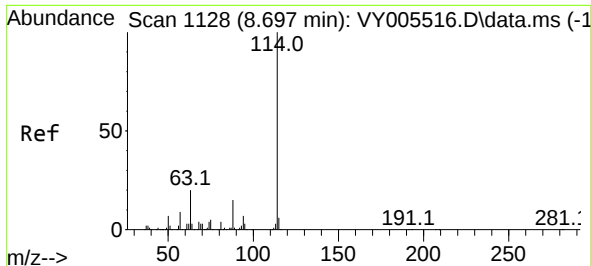
Tgt Ion: 56 Resp: 179
Ion Ratio Lower Upper
56 100
69 61.6 27.7 41.5#
84 62.4 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 62.054 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

Tgt Ion: 65 Resp: 4902
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

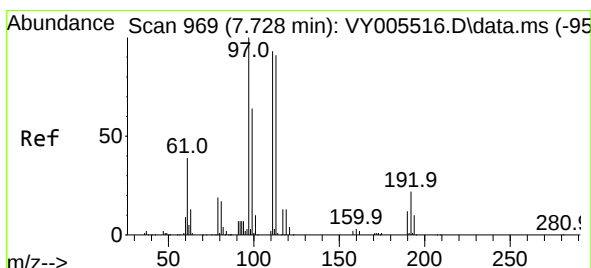
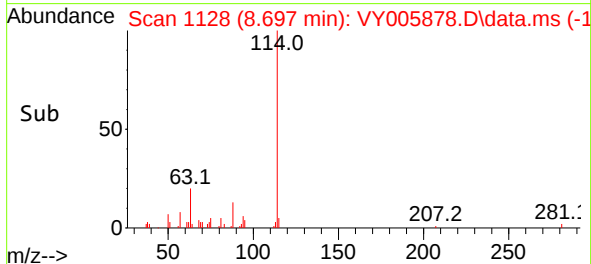
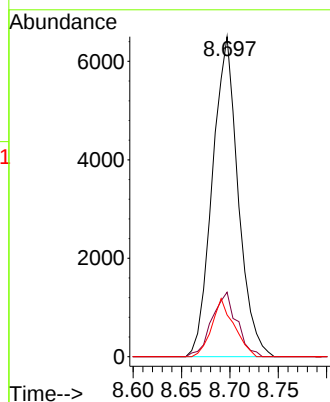
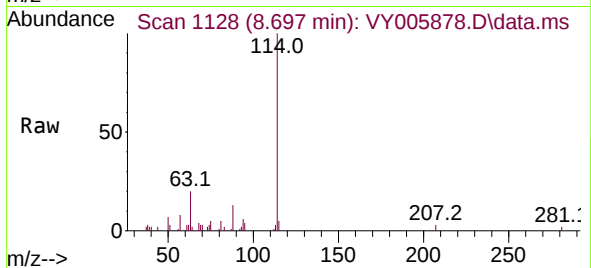




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

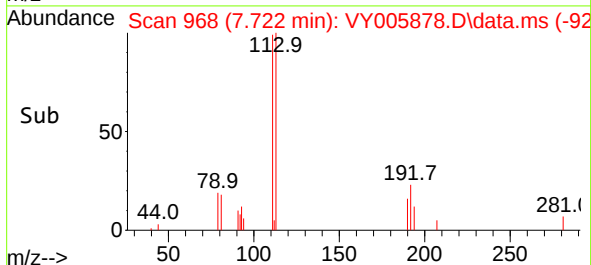
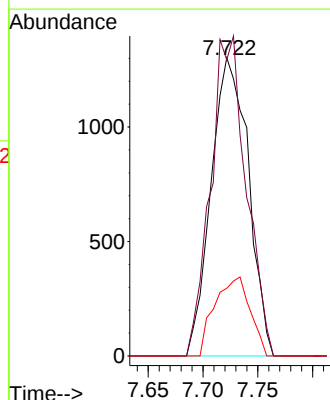
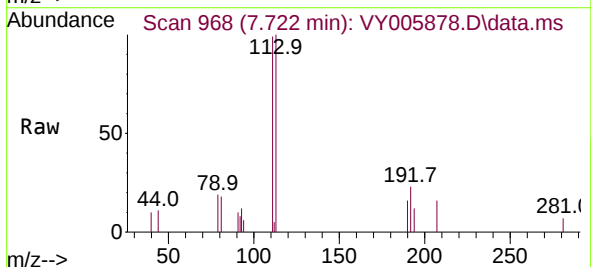
Instrument :
MSVOA_Y
ClientSampleId :

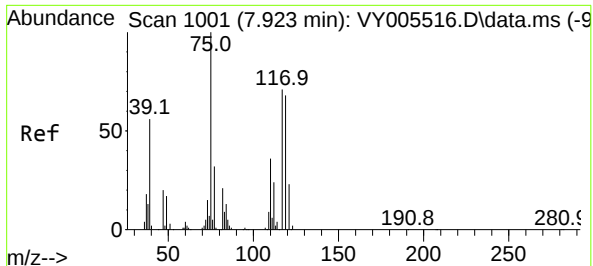
Tgt Ion:	114	Resp:	12046
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	13.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 45.743 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

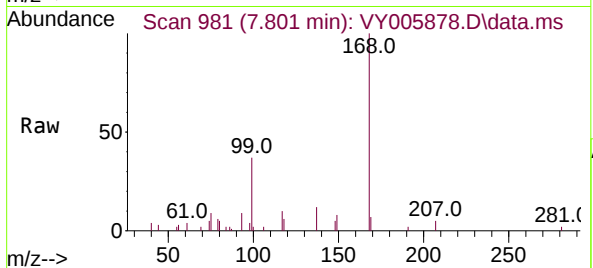
Tgt Ion:	113	Resp:	3085
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	24.9	19.2	28.8





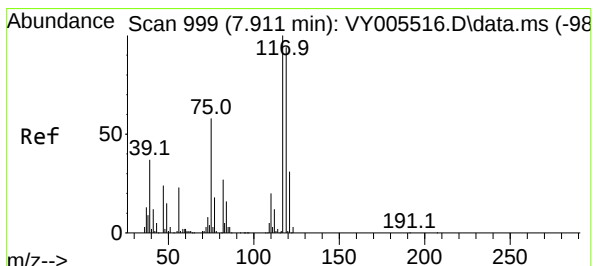
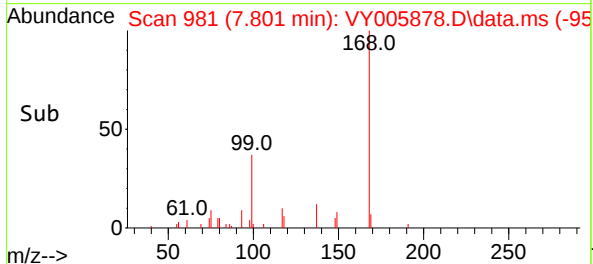
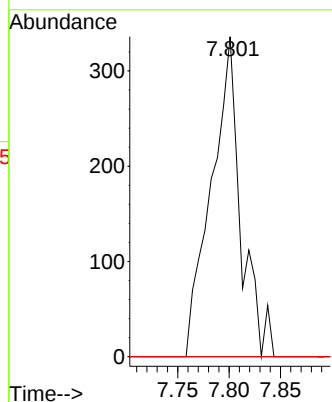
#36
 1,1-Dichloropropene
 Concen: 5.939 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY005878.D
 Acq: 27 Aug 2021 13:09

Instrument :
 MSVOA_Y
 ClientSampled :



Tgt Ion: 75 Resp: 671

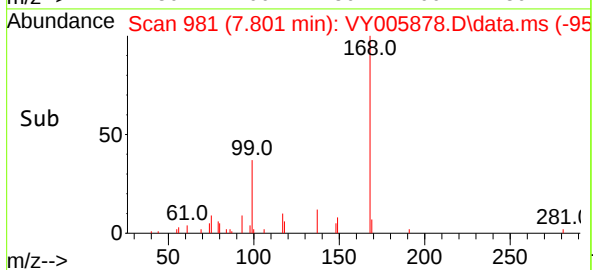
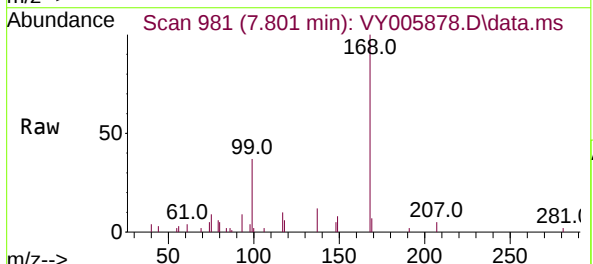
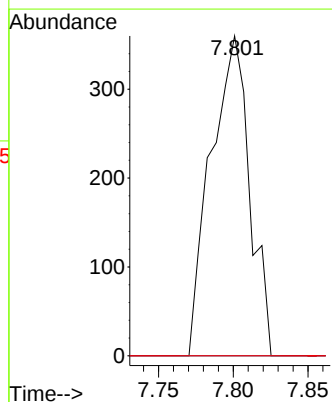
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	25.1	37.7#

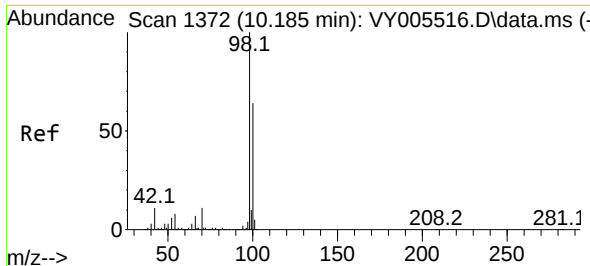


#38
 Carbon Tetrachloride
 Concen: 5.293 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005878.D
 Acq: 27 Aug 2021 13:09

Tgt Ion: 117 Resp: 650

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
121	0.0	25.1	37.7#

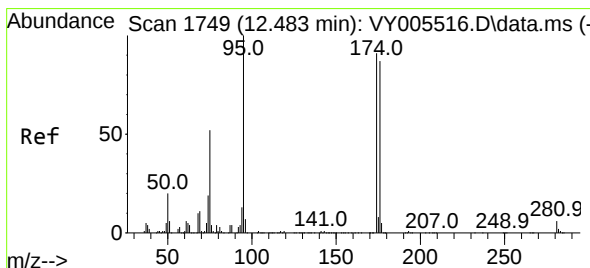
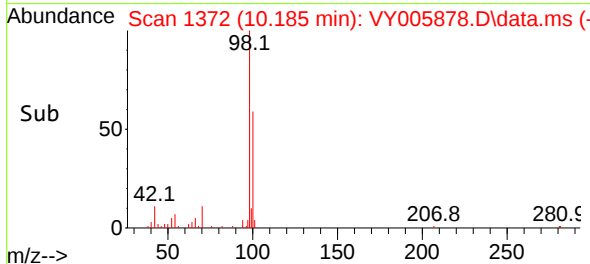
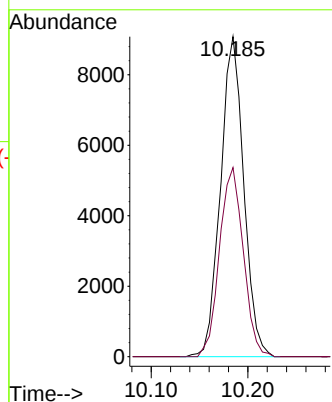
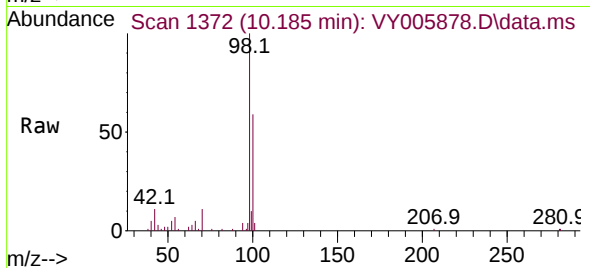




#50
Toluene-d8
Concen: 53.516 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

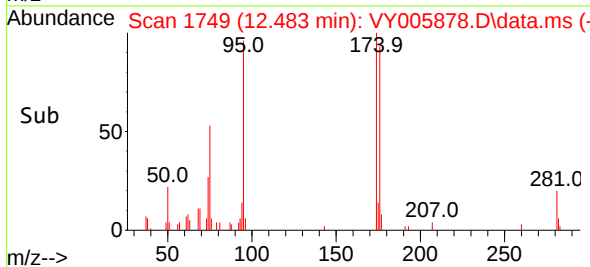
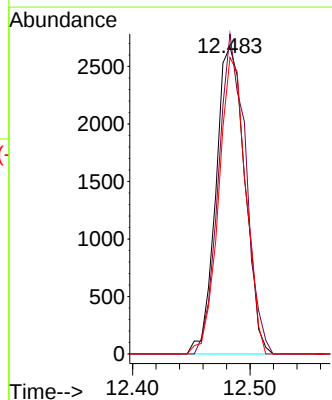
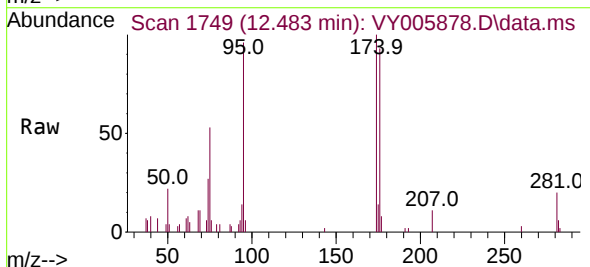
Instrument :
MSVOA_Y
ClientSampled :

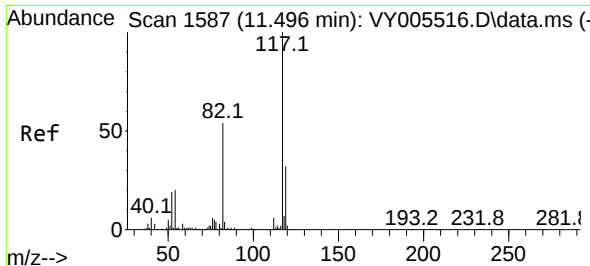
Tgt Ion: 98 Resp: 15137
Ion Ratio Lower Upper
98 100
100 60.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 48.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

Tgt Ion: 95 Resp: 4587
Ion Ratio Lower Upper
95 100
174 98.2 0.0 191.4
176 90.0 0.0 183.6

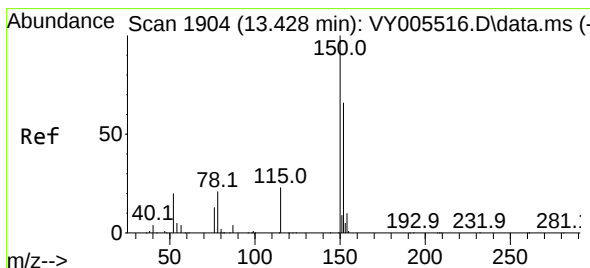
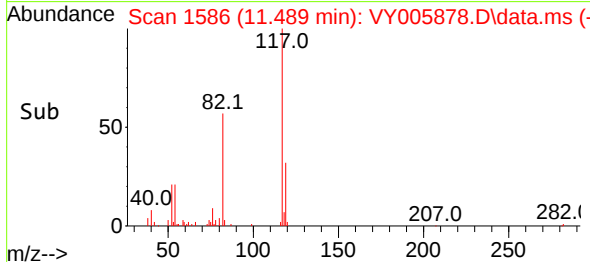
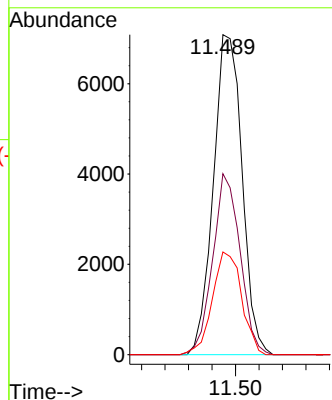
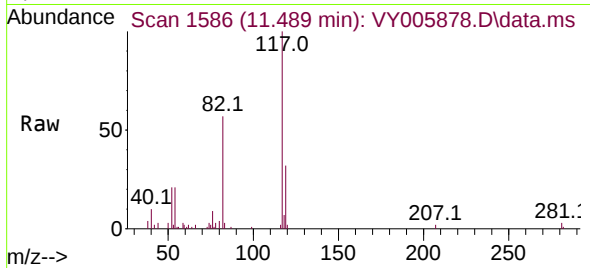




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

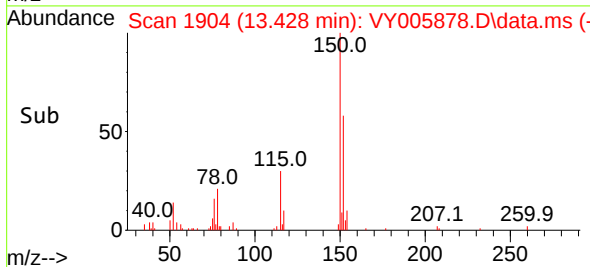
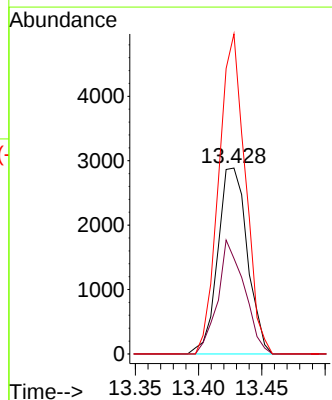
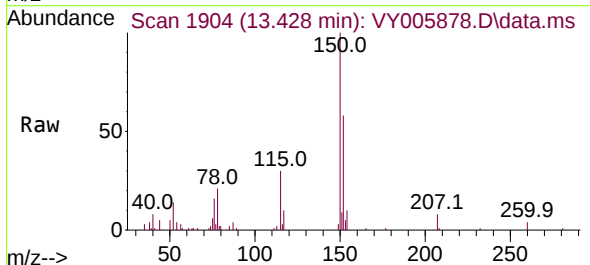
Instrument :
MSVOA_Y
ClientSampleId :

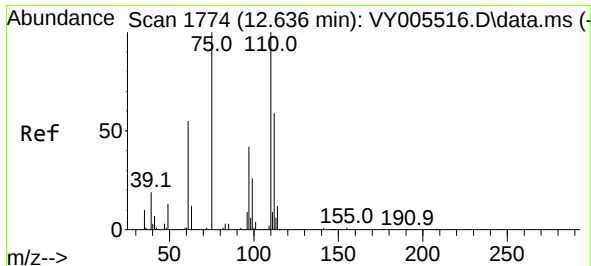
Tgt Ion:	117	Resp:	12013
Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.5	65.3
119	32.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

Tgt Ion:	152	Resp:	4683
Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.3	81.9
150	154.7	0.0	350.2

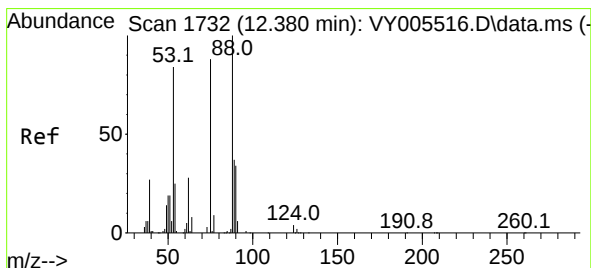
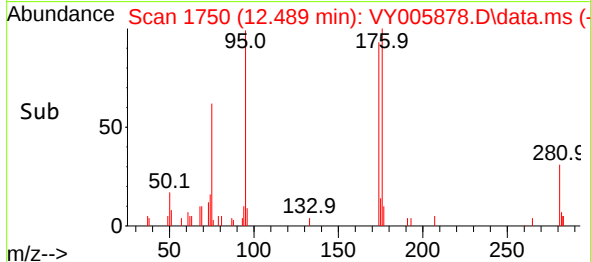
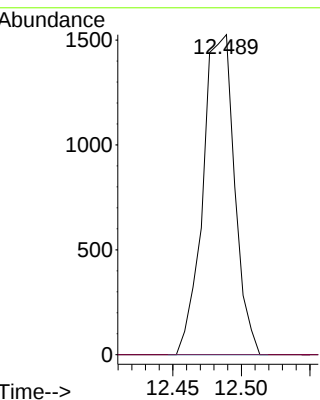
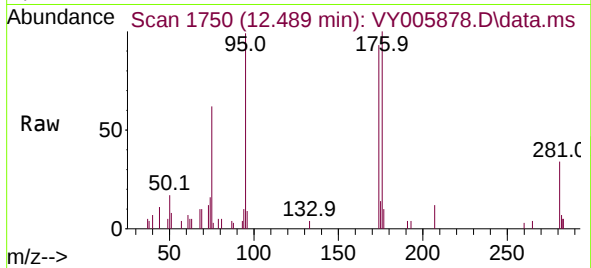




#76
1,2,3-Trichloropropane
Concen: 50.402 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

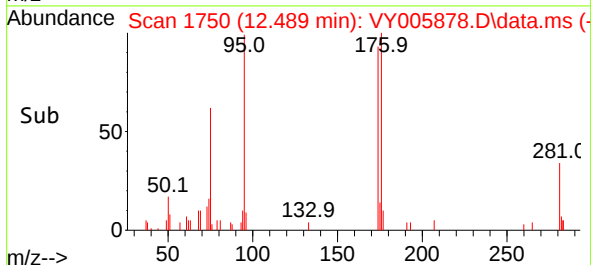
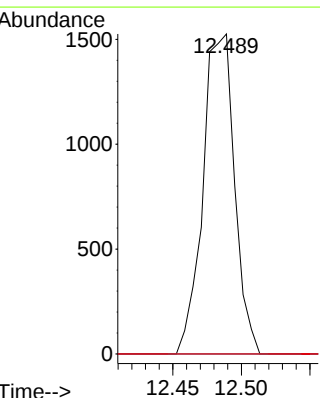
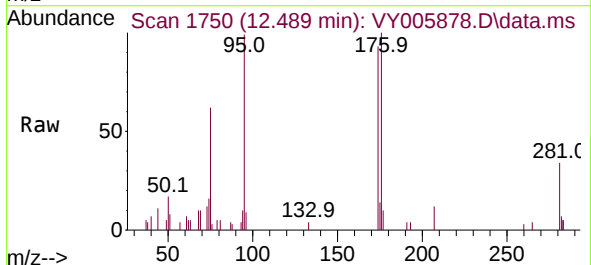
Instrument :
MSVOA_Y
ClientSampleId :

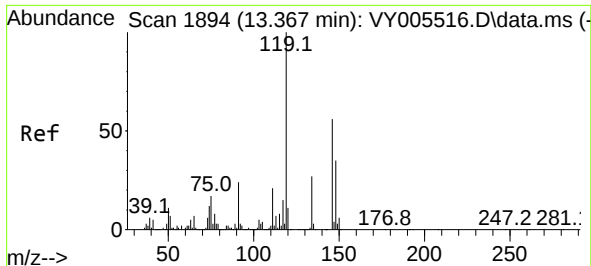
Tgt Ion: 75 Resp: 2446
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 101.605 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

Tgt Ion: 75 Resp: 2446
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#





#87

1,3-Dichlorobenzene

Concen: 1.053 ug/l

RT: 13.367 min Scan# 1894

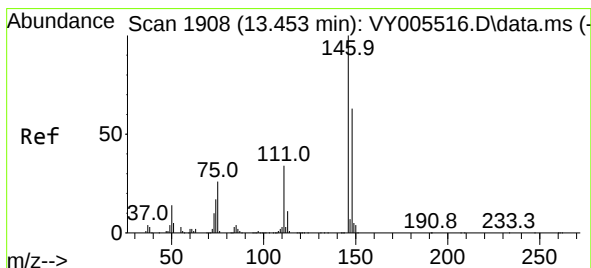
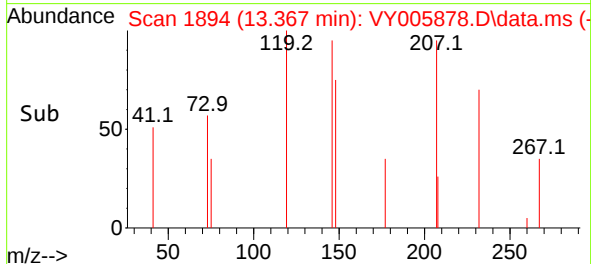
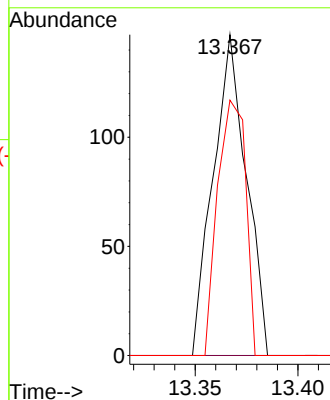
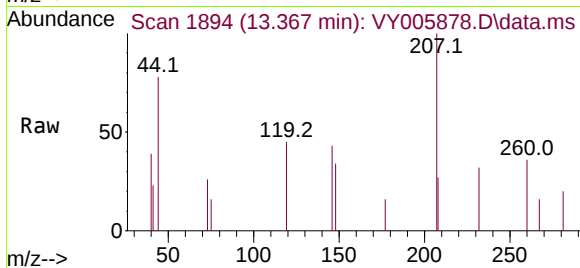
Delta R.T. -0.000 min

Lab File: VY005878.D

Acq: 27 Aug 2021 13:09

Tgt Ion:	146	Resp:	165
Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.6	56.0#
148	67.3	31.7	95.1

Instrument :
MSVOA_Y
ClientSampleId :



#88

1,4-Dichlorobenzene

Concen: 1.415 ug/l

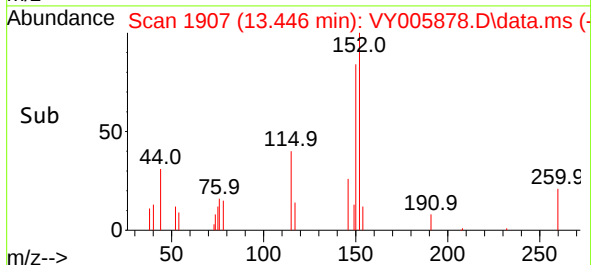
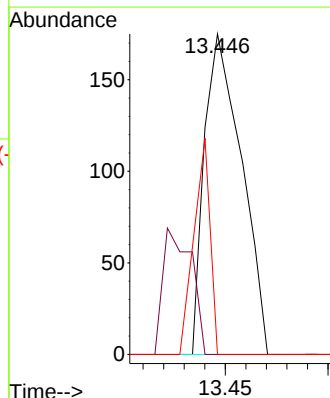
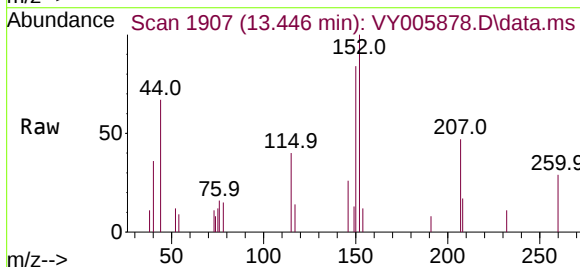
RT: 13.446 min Scan# 1907

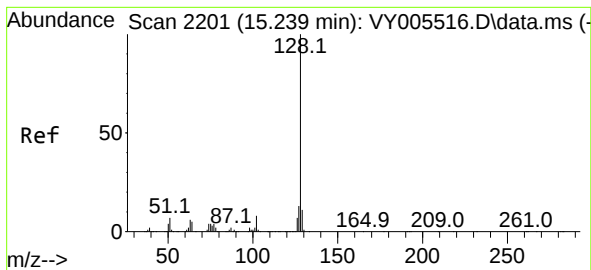
Delta R.T. -0.006 min

Lab File: VY005878.D

Acq: 27 Aug 2021 13:09

Tgt Ion:	146	Resp:	220
Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.1	54.3#
148	29.5	31.8	95.3#





#95
Naphthalene
Concen: 1.403 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005878.D
Acq: 27 Aug 2021 13:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 263
Ion Ratio Lower Upper
128 100
127 8.7 10.6 15.8#
129 0.0 8.7 13.1#

