

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006401.D
 Acq On : 15 Oct 2021 13:09
 Operator : SY/MD
 Sample : M4240-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:44:45 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)

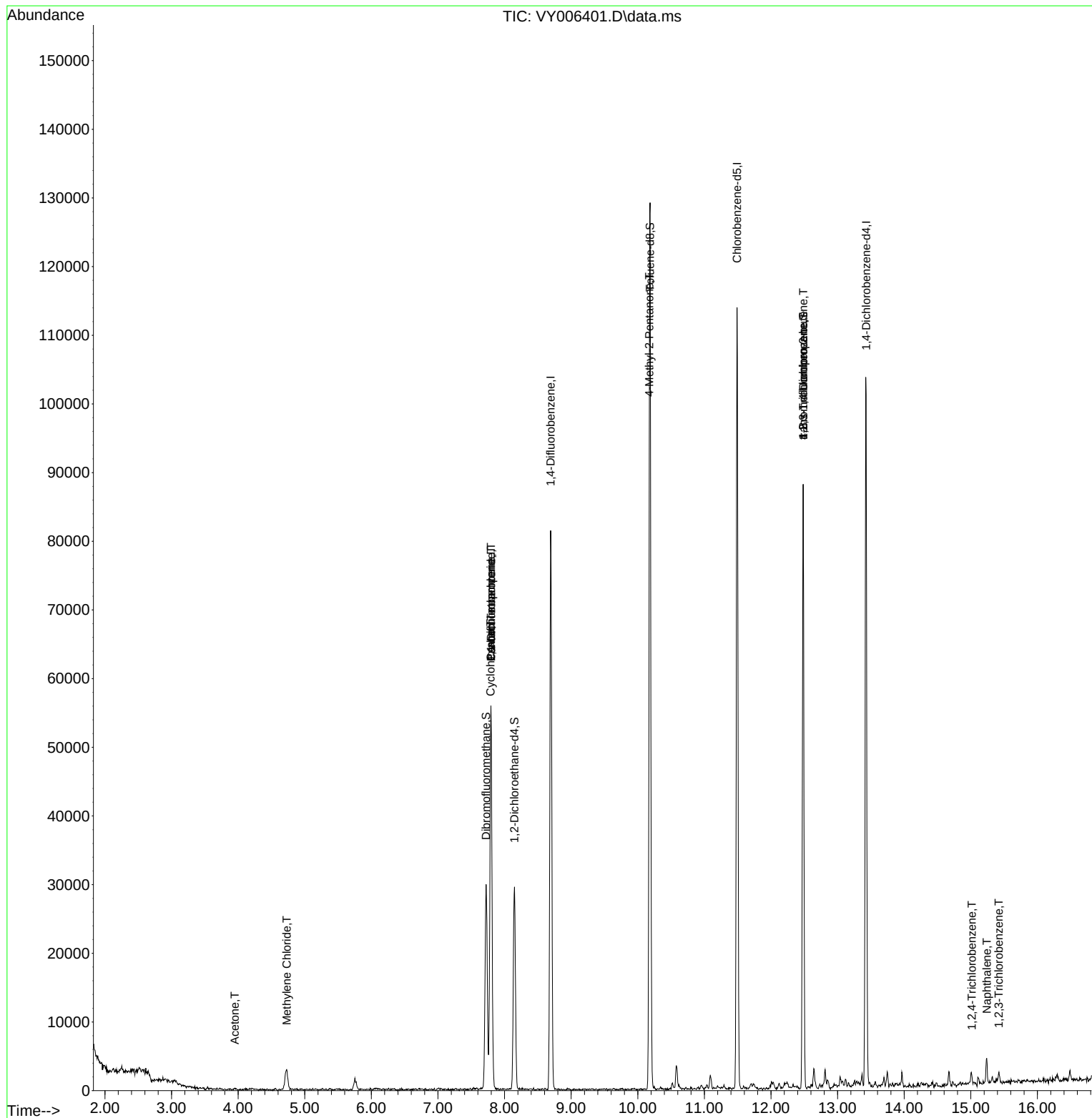
Internal Standards						
1) Pentafluorobenzene	7.795	168	43265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	60146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	25188	54.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.780%	
35) Dibromofluoromethane	7.722	113	19791	55.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.185	98	84120	56.507	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.020%	
62) 4-Bromofluorobenzene	12.483	95	24166	47.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	178	1.376	ug/l #	47
20) Methylene Chloride	4.729	84	2247	1.401	ug/l #	87
31) Cyclohexane	7.789	56	1046	1.192	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	3233	4.881	ug/l #	51
38) Carbon Tetrachloride	7.795	117	3939	5.631	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	466	1.213	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	13185	50.349	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13185	98.943	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.013	180	590	1.139	ug/l	87
95) Naphthalene	15.239	128	2959	2.875	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	602	1.311	ug/l	98

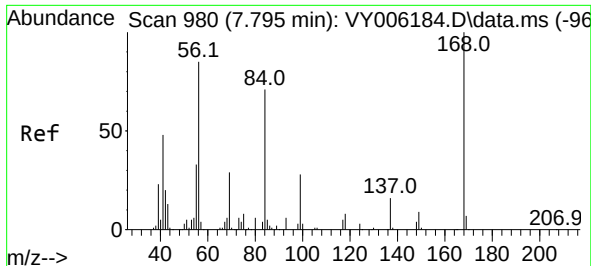
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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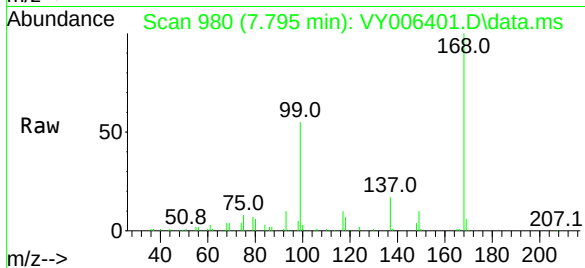
Quant Time: Oct 18 04:44:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration



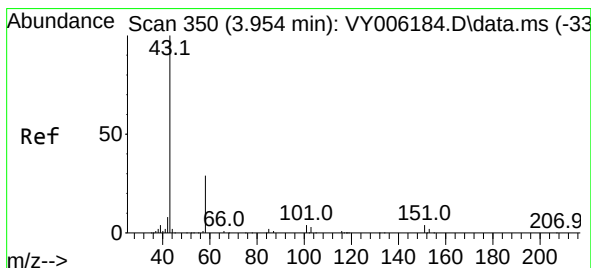
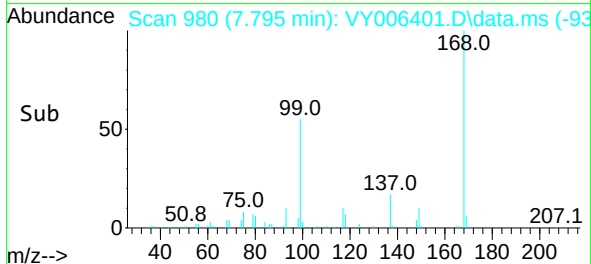
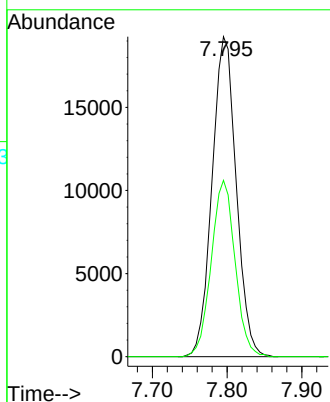


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

Instrument :
MSVOA_Y
ClientSampleId :

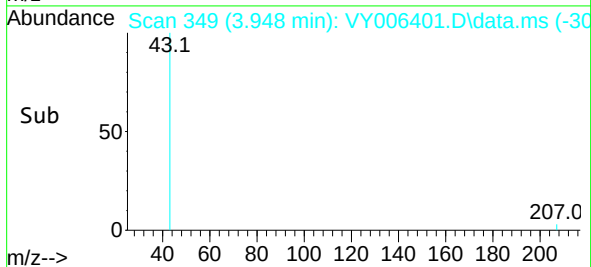
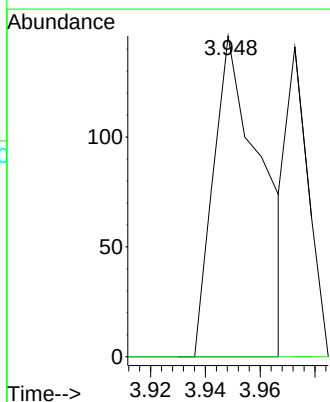
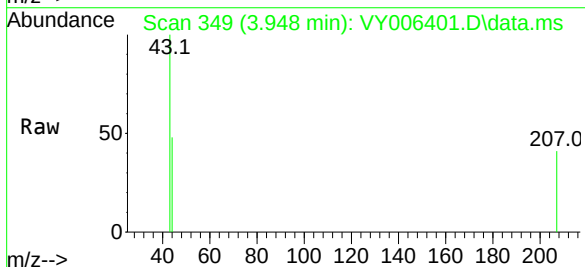


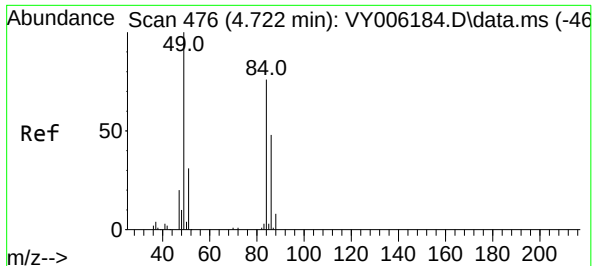
Tgt Ion:168 Resp: 43265
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#16
Acetone
Concen: 1.376 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

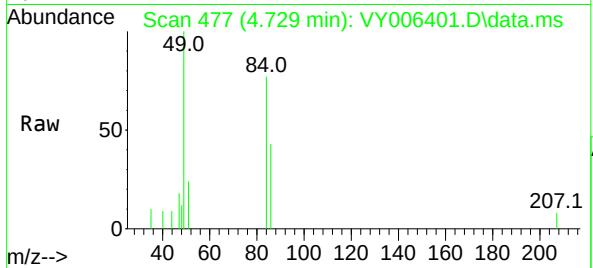
Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





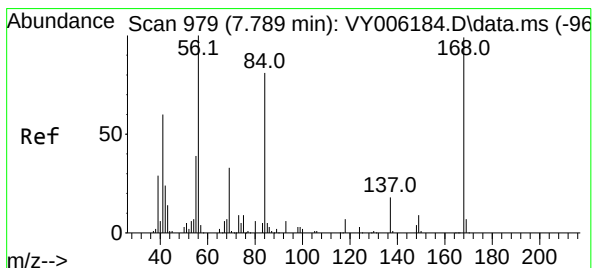
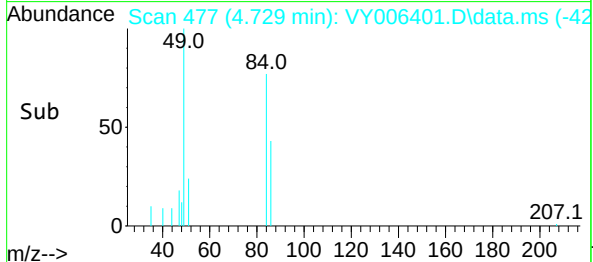
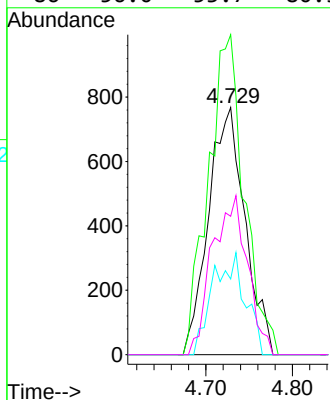
#20
Methylene Chloride
Concen: 1.401 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 2247

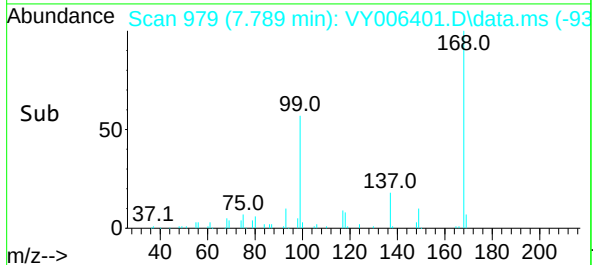
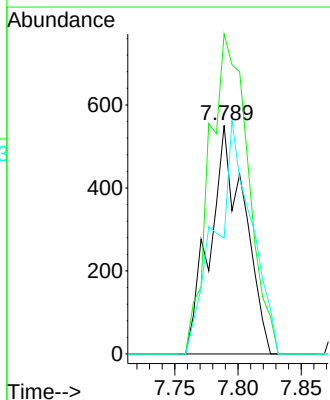
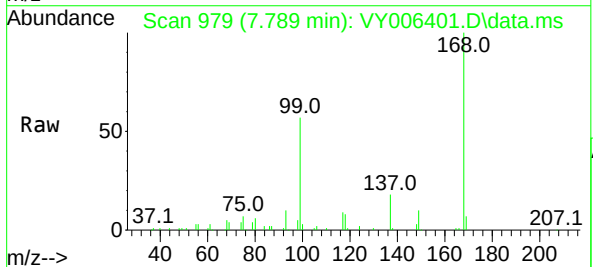
Ion	Ratio	Lower	Upper
84	100		
49	129.4	114.4	171.6
51	30.6	35.3	52.9#
86	56.0	53.7	80.5

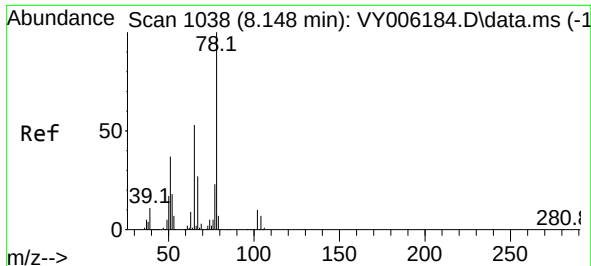


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

Tgt Ion: 56 Resp: 1046

Ion	Ratio	Lower	Upper
56	100		
69	139.9	26.7	40.1#
84	50.6	67.2	100.8#

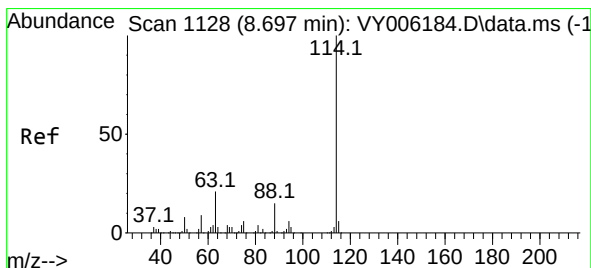
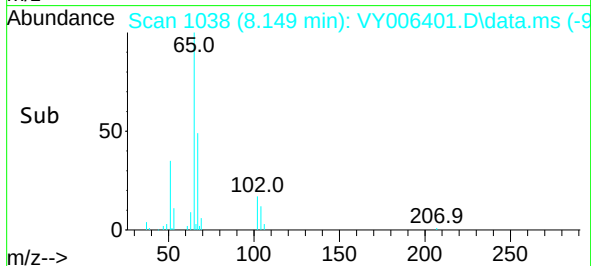
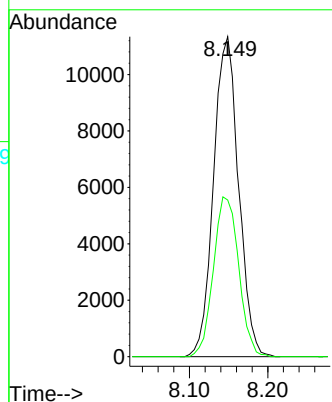
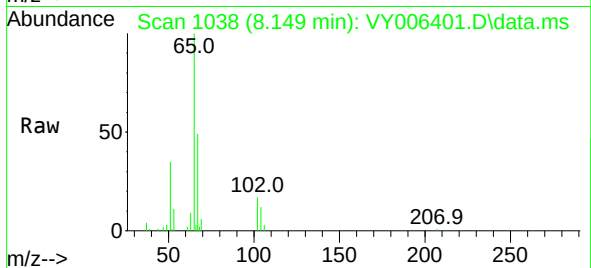




#33
1,2-Dichloroethane-d4
Concen: 54.394 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

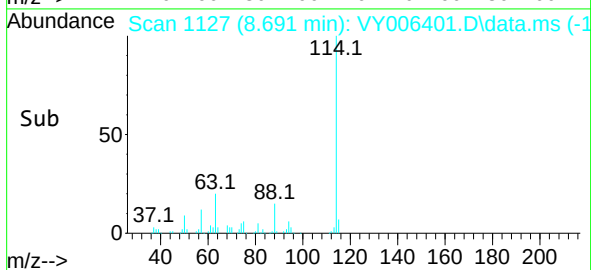
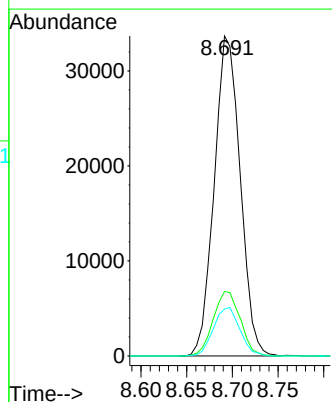
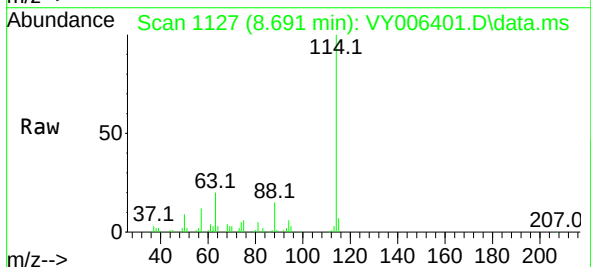
Instrument :
MSVOA_Y
ClientSampled :

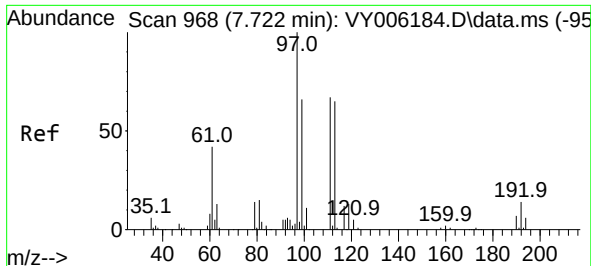
Tgt Ion: 65 Resp: 25188
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

Tgt Ion: 114 Resp: 66578
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 14.7 0.0 31.8

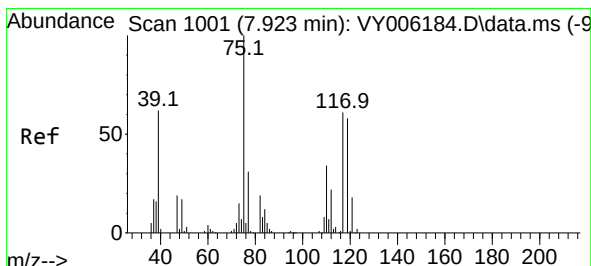
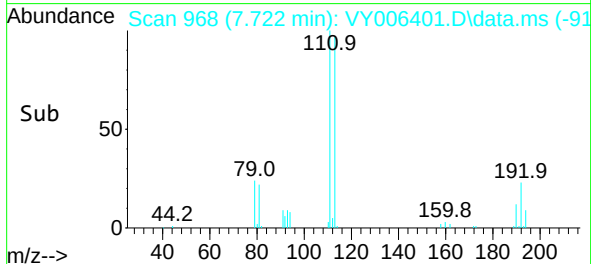
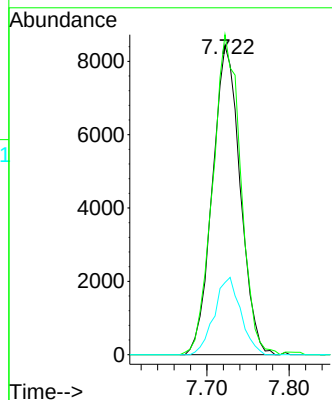
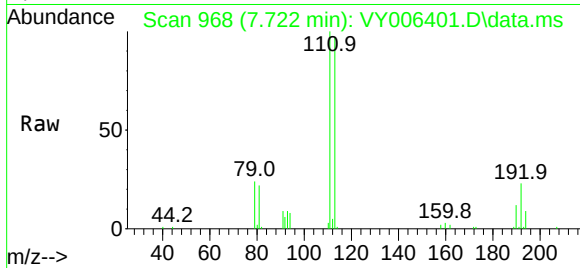




#35
Dibromofluoromethane
Concen: 55.640 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

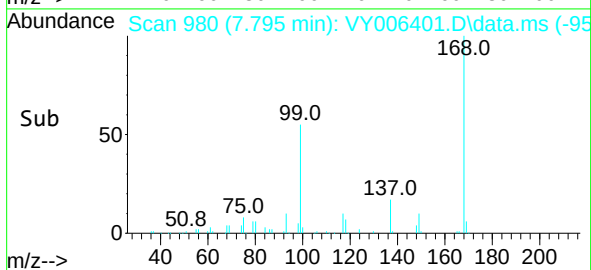
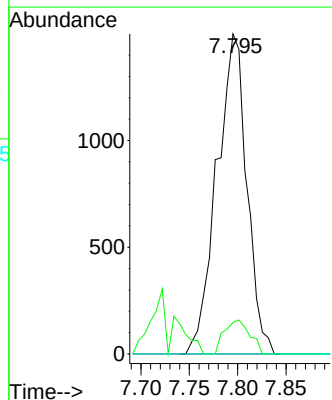
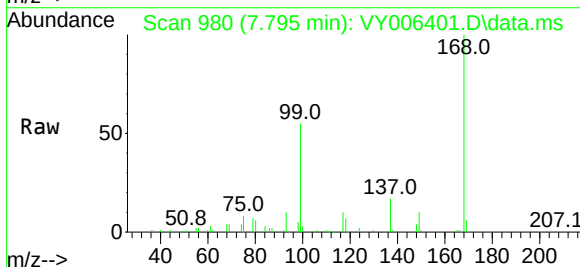
Instrument :
MSVOA_Y
ClientSampleId :

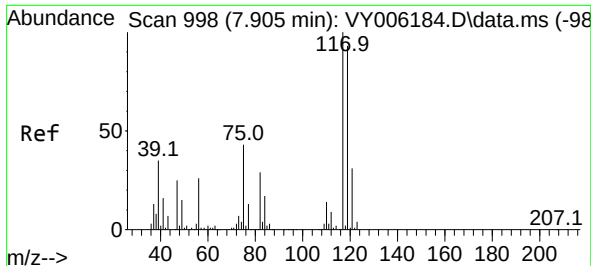
Tgt Ion:	113	Resp:	19791
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	23.8	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

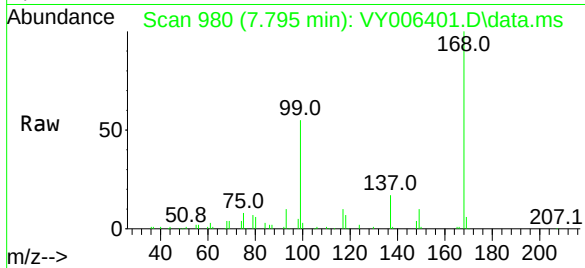
Tgt Ion:	75	Resp:	3233
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.1	51.2#
77	0.0	24.4	36.6#



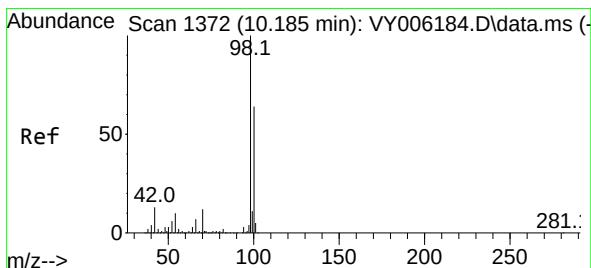
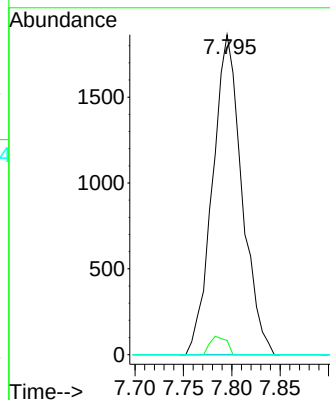
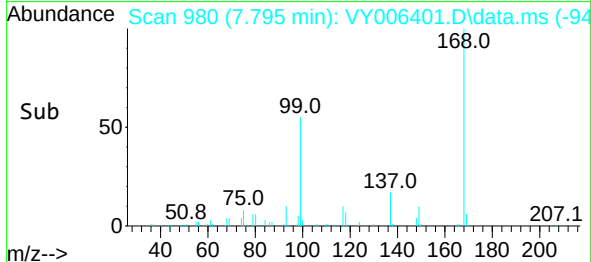


#38
Carbon Tetrachloride
Concen: 5.631 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.109 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

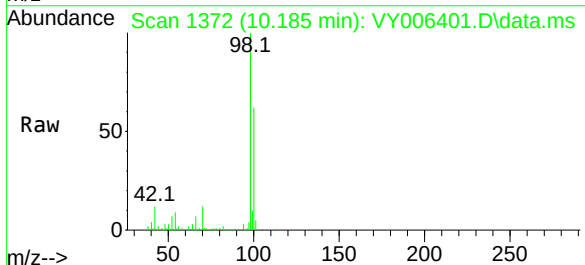
Instrument :
MSVOA_Y
ClientSampleId :



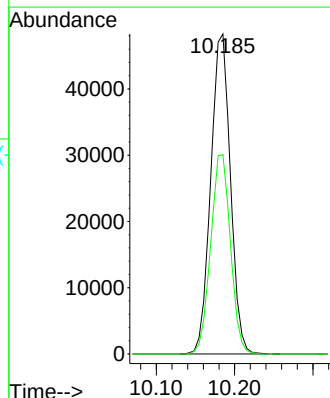
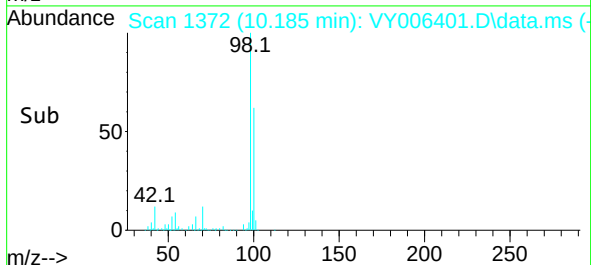
Tgt Ion:117 Resp: 3939
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#

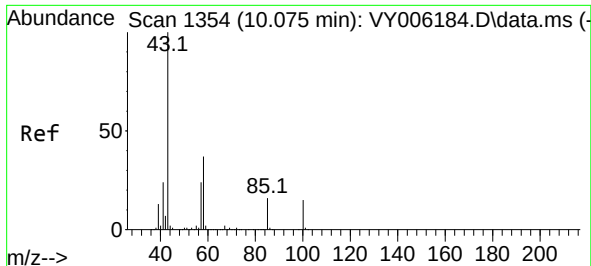


#50
Toluene-d8
Concen: 56.507 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09



Tgt Ion: 98 Resp: 84120
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2

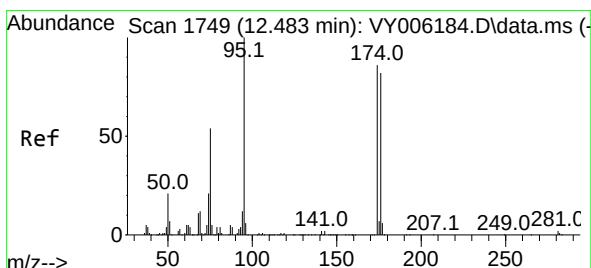
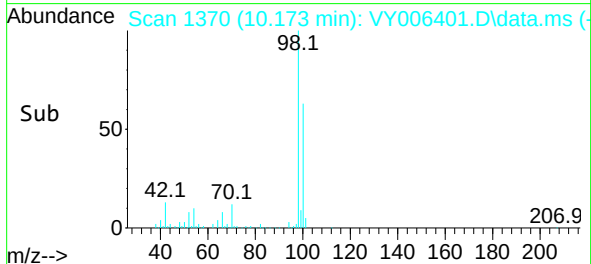
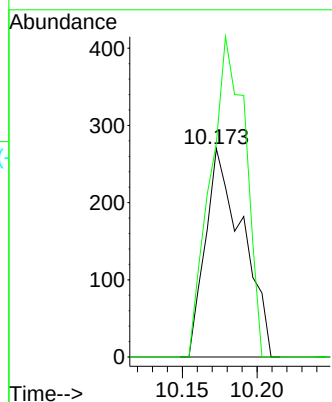
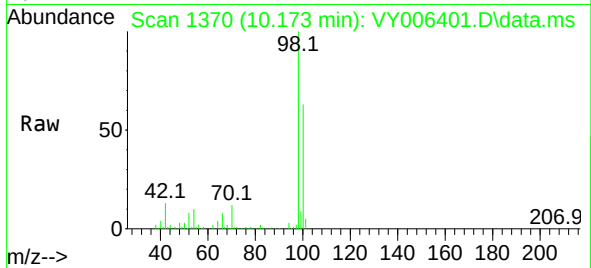




#51
4-Methyl-2-Pentanone
Concen: 1.213 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.098 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

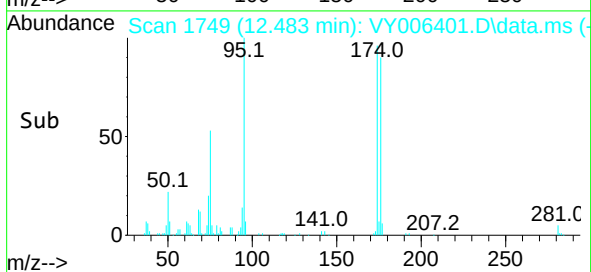
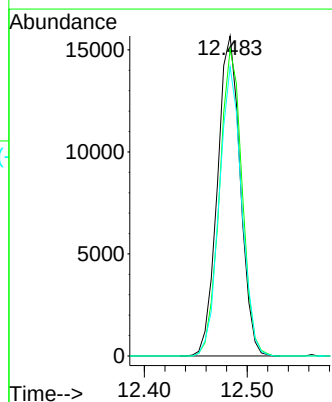
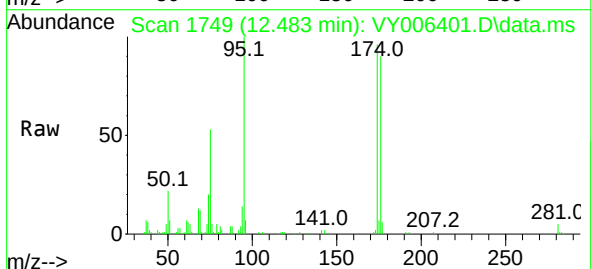
Instrument :
MSVOA_Y
ClientSampled :

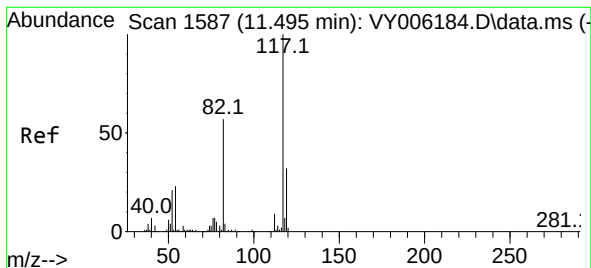
Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
58 144.4 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 47.785 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

Tgt Ion: 95 Resp: 24166
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 88.2 0.0 175.8

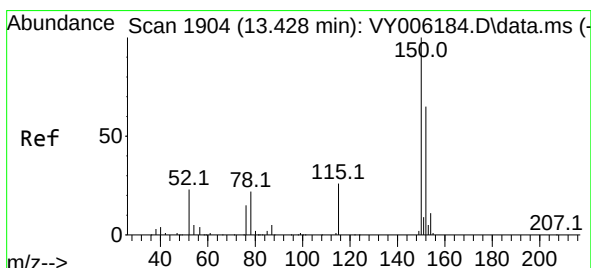
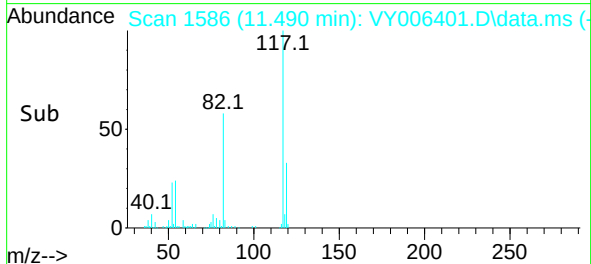
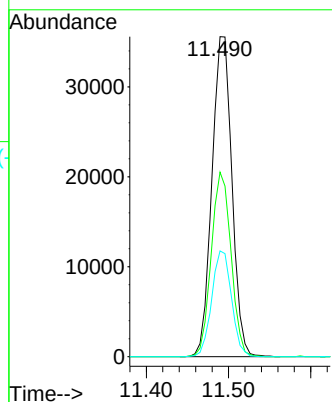
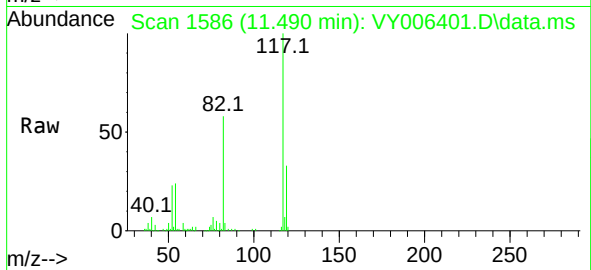




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

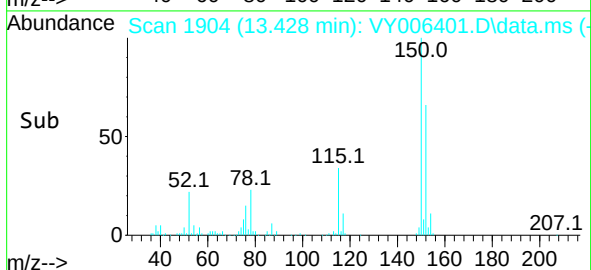
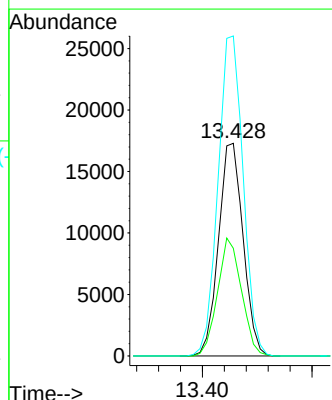
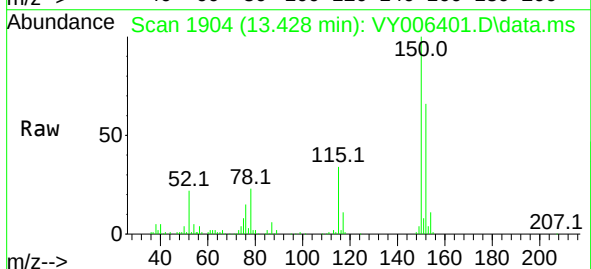
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:117 Resp: 60146
Ion Ratio Lower Upper
117 100
82 57.6 43.0 64.4
119 33.0 25.4 38.0

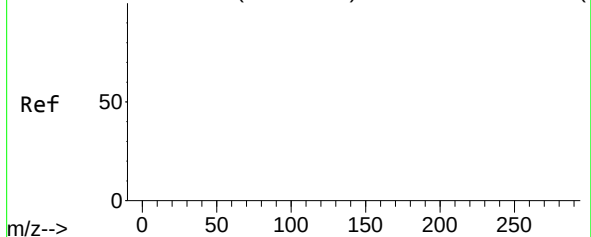


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

Tgt Ion:152 Resp: 26943
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 153.6 0.0 347.6



Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-

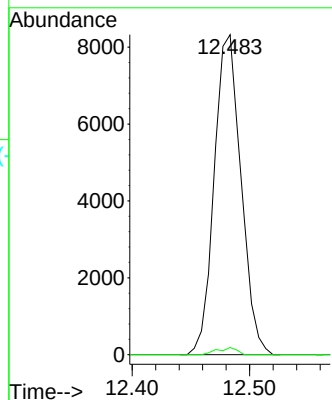
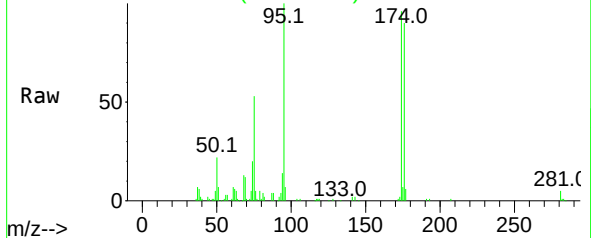


#76
1,2,3-Trichloropropane
Concen: 50.349 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

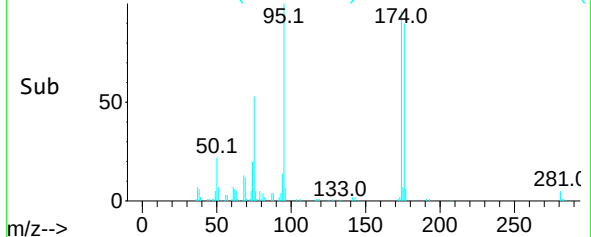
Tgt Ion: 75 Resp: 13185
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampled :

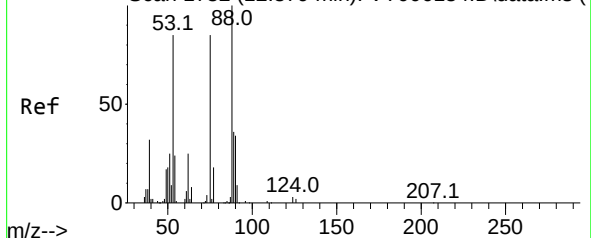
Abundance Scan 1749 (12.483 min): VY006401.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006401.D\data.ms (-



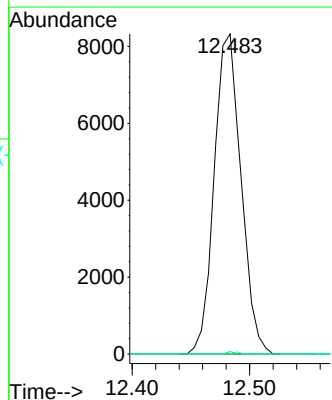
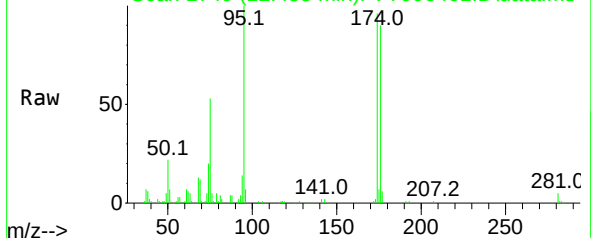
Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



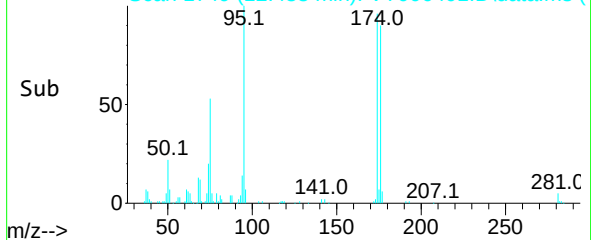
#81
trans-1,4-Dichloro-2-butene
Concen: 98.943 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

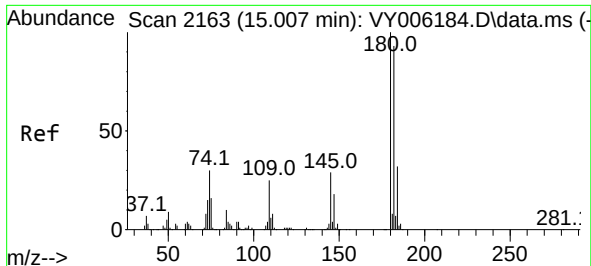
Tgt Ion: 75 Resp: 13185
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.2 37.0 55.4#

Abundance Scan 1749 (12.483 min): VY006401.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006401.D\data.ms (-

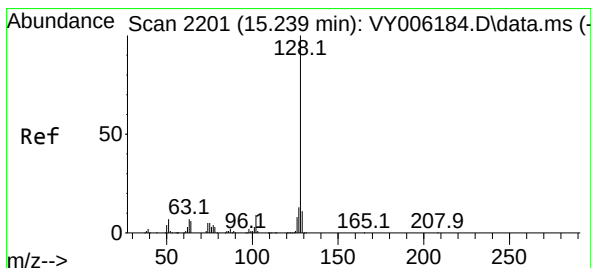
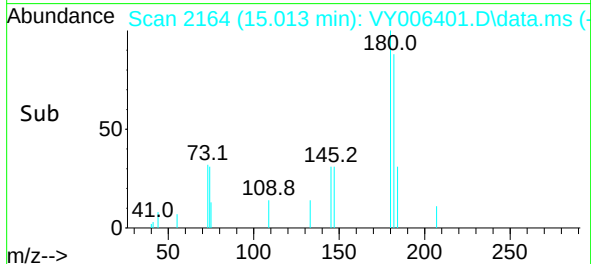
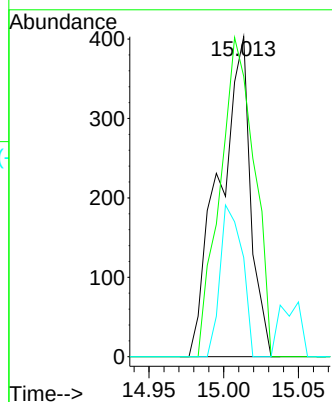
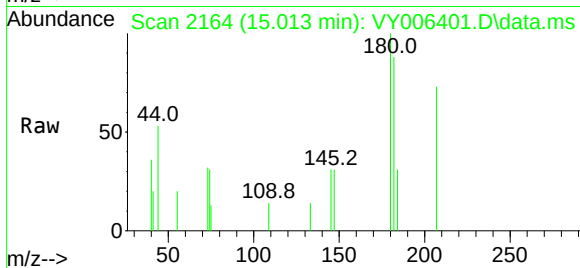




#93
1,2,4-Trichlorobenzene
Concen: 1.139 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

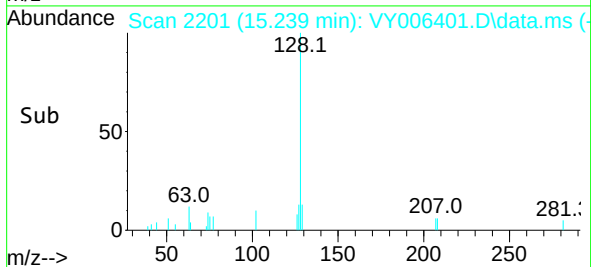
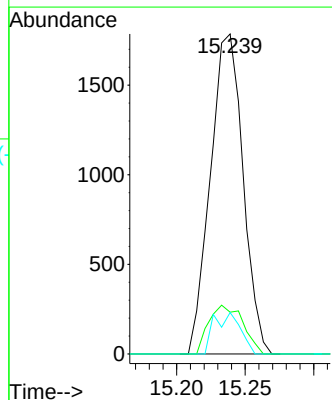
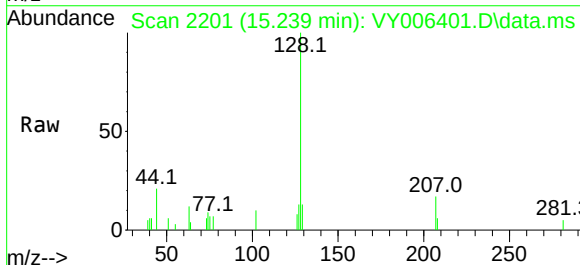
Instrument :
MSVOA_Y
ClientSampled :

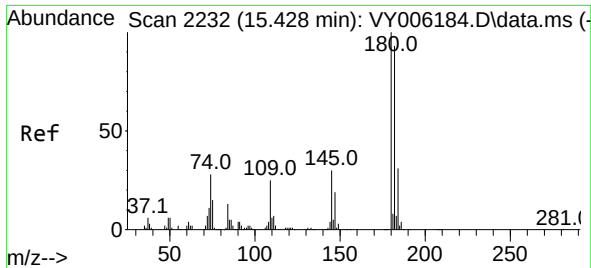
Tgt Ion:180 Resp: 590
Ion Ratio Lower Upper
180 100
182 108.3 47.3 141.9
145 33.2 14.6 43.8



#95
Naphthalene
Concen: 2.875 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006401.D
Acq: 15 Oct 2021 13:09

Tgt Ion:128 Resp: 2959
Ion Ratio Lower Upper
128 100
127 16.0 11.0 16.4
129 10.4 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.311 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: VY006401.D
 Acq: 15 Oct 2021 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:180	Resp:	602
Ion Ratio	Lower	Upper
180	100	
182	95.8	47.3 141.9
145	33.4	15.3 45.9

