

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006740.D
 Acq On : 15 Nov 2021 18:58
 Operator : SY/MD
 Sample : M4681-03
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Nov 16 04:22:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

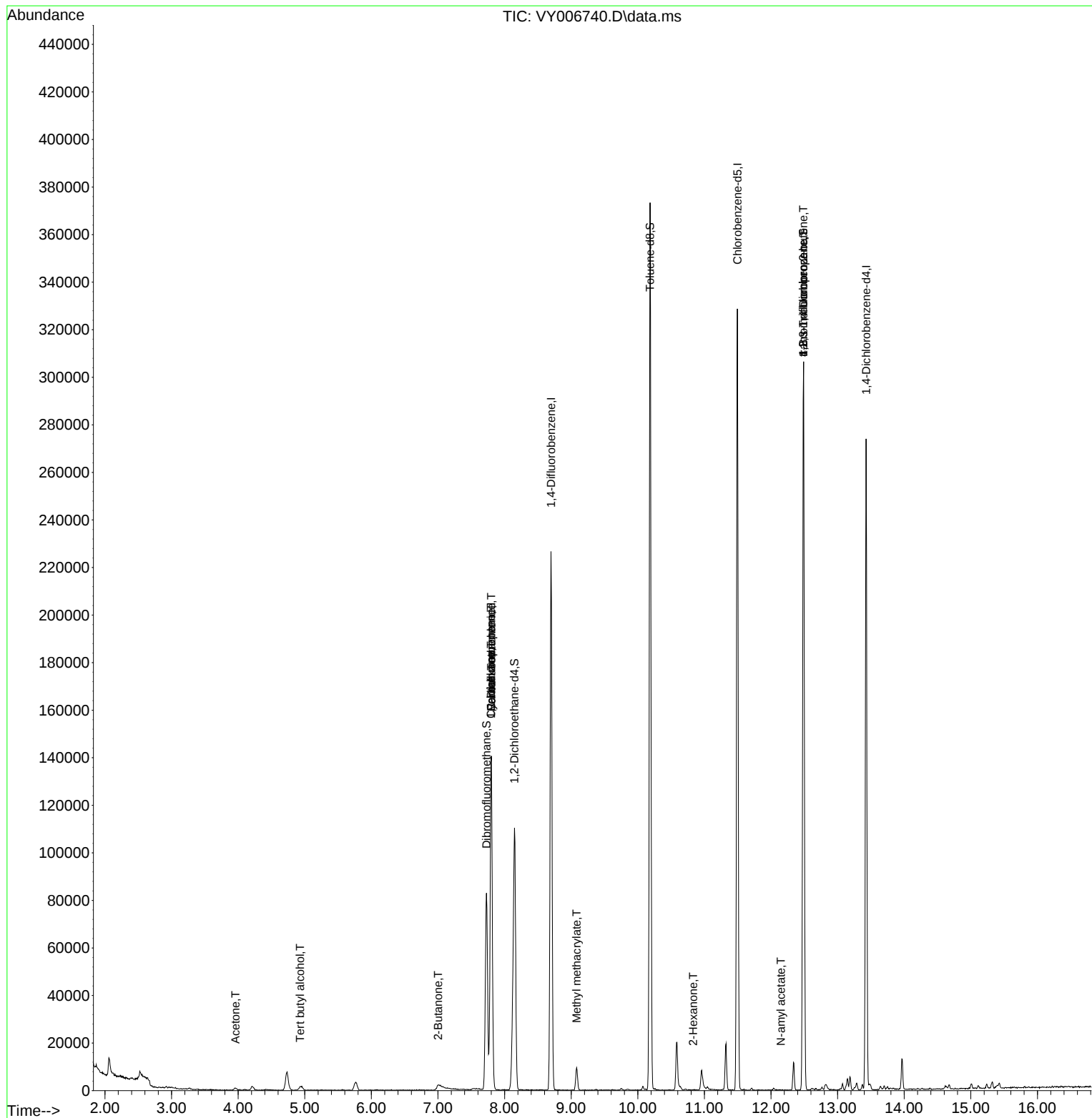
Internal Standards						
1) Pentafluorobenzene	7.801	168	103901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78785	57.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.720%	
35) Dibromofluoromethane	7.728	113	55791	51.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.480%	
50) Toluene-d8	10.185	98	226581	50.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.483	95	69801	46.402	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1267	6.187	ug/l #	72
16) Acetone	3.960	43	1804	4.360	ug/l	99
25) 2-Butanone	7.003	43	508	12.306	ug/l #	52
31) Cyclohexane	7.795	56	2757	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9335	4.892	ug/l #	50
38) Carbon Tetrachloride	7.801	117	10636	5.450	ug/l #	15
48) Methyl methacrylate	9.081	41	2435	2.148	ug/l #	42
59) 2-Hexanone	10.831	43	222	24.033	ug/l #	28
74) N-amyl acetate	12.148	43	54	3.182	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	39197	53.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39197	105.121	ug/l #	7

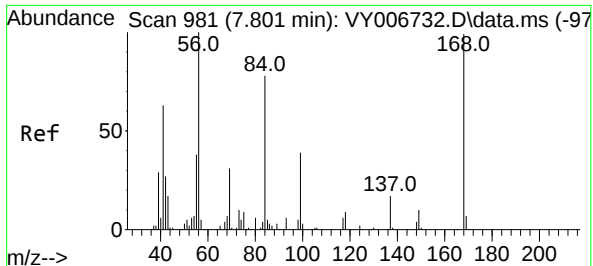
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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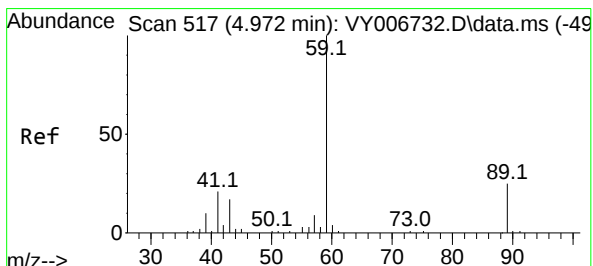
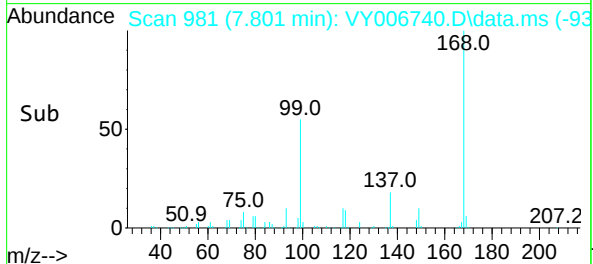
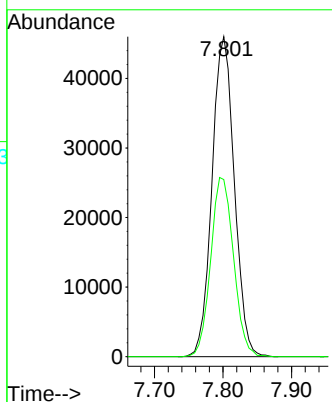
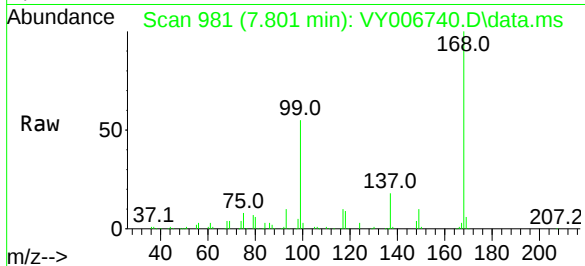




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

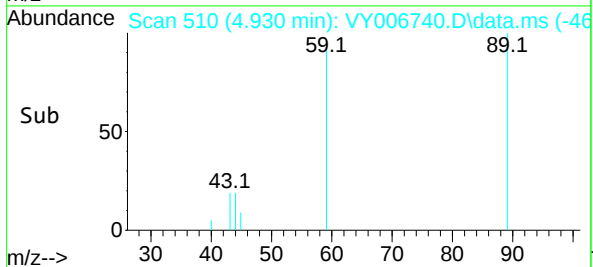
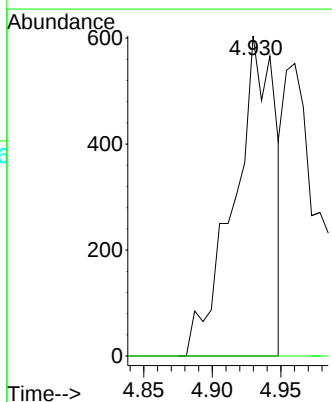
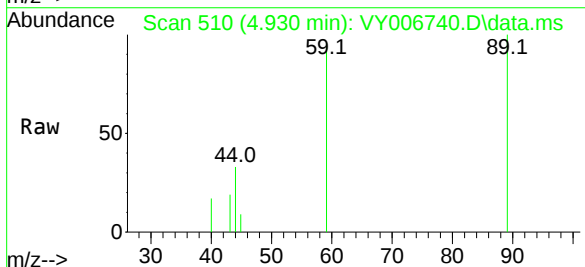
Instrument :
MSVOA_Y
ClientSampleId :
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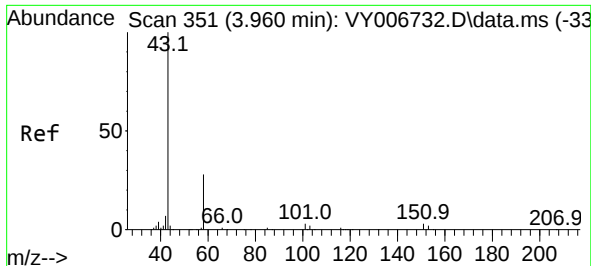
Tgt Ion:168 Resp: 103901
Ion Ratio Lower Upper
168 100
99 55.3 44.8 67.2



#11
Tert butyl alcohol
Concen: 6.187 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.042 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

Tgt Ion: 59 Resp: 1267
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

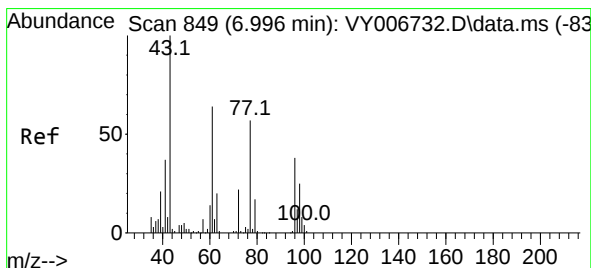
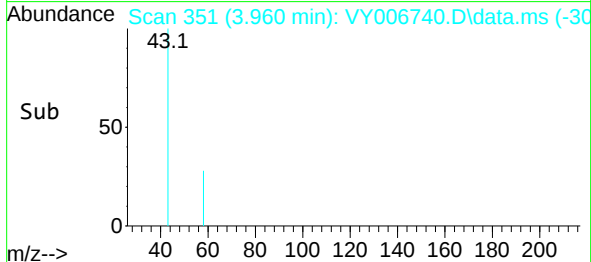
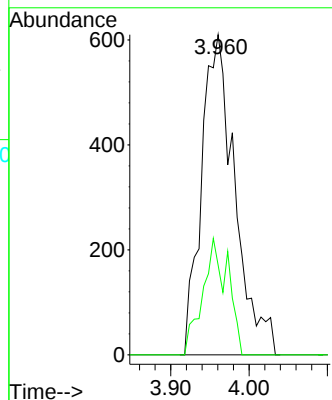
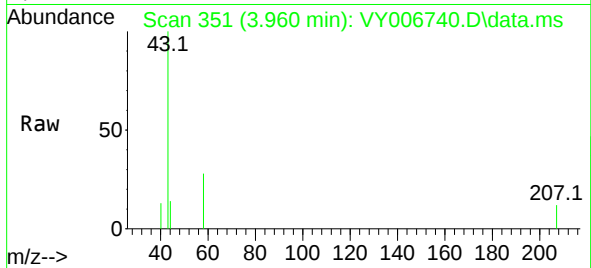




#16
Acetone
Concen: 4.360 ug/l
RT: 3.960 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

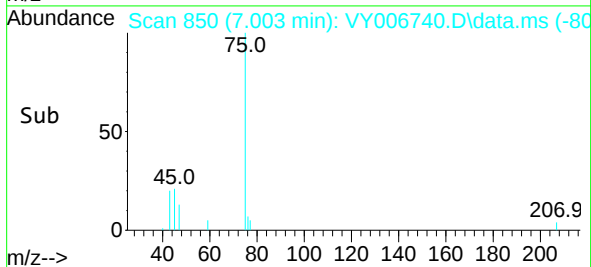
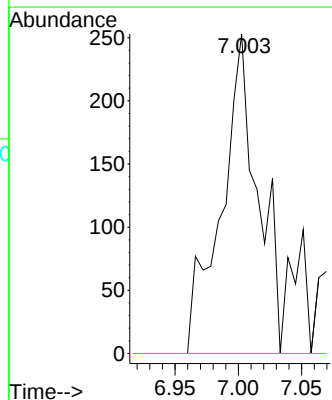
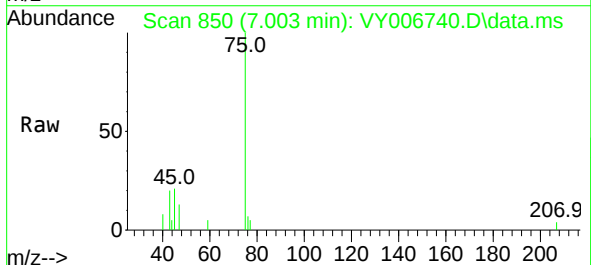
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

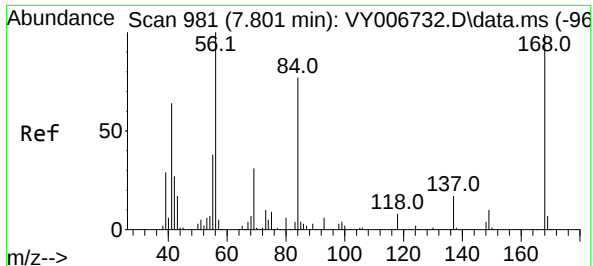
Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
58 28.0 22.9 34.3



#25
2-Butanone
Concen: 12.306 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#

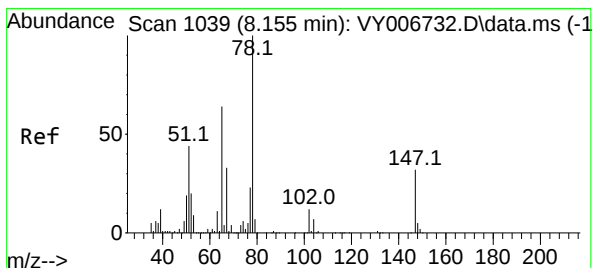
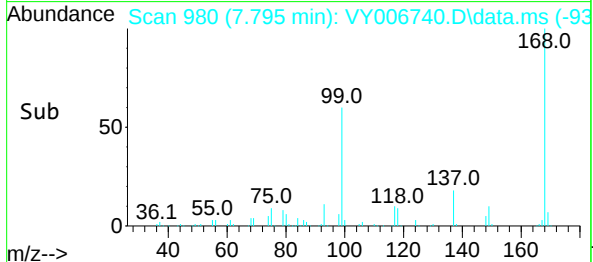
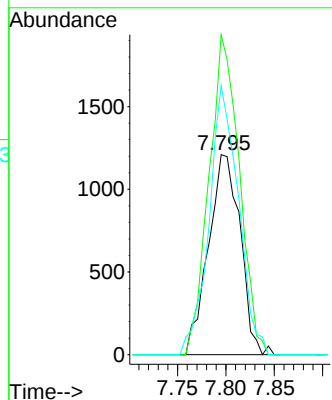
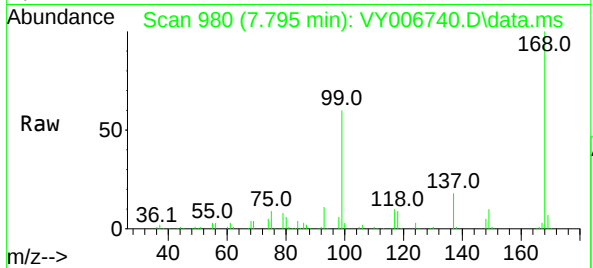




#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

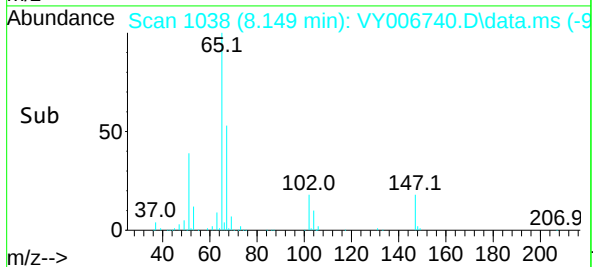
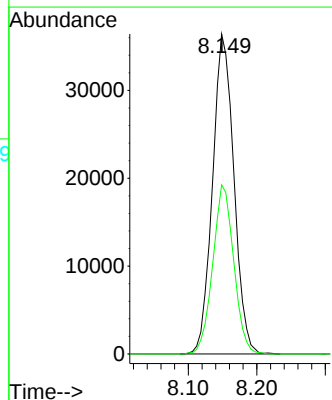
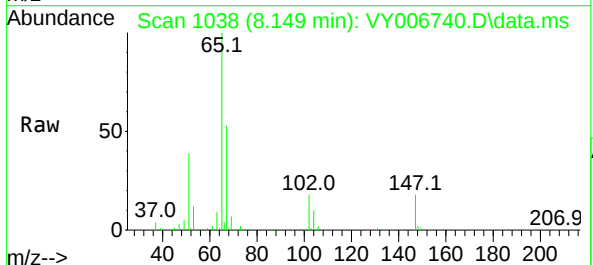
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

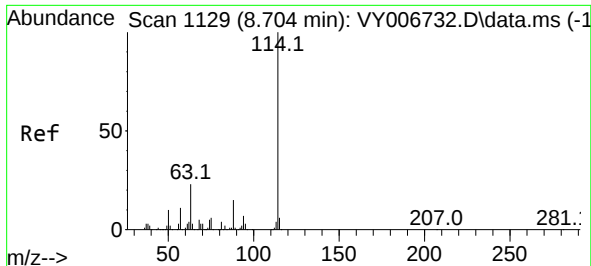
Tgt Ion: 56 Resp: 2757
Ion Ratio Lower Upper
56 100
69 160.0 26.6 40.0#
84 134.5 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 57.856 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

Tgt Ion: 65 Resp: 78785
Ion Ratio Lower Upper
65 100
67 51.9 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006740.D

Acq: 15 Nov 2021 18:58

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

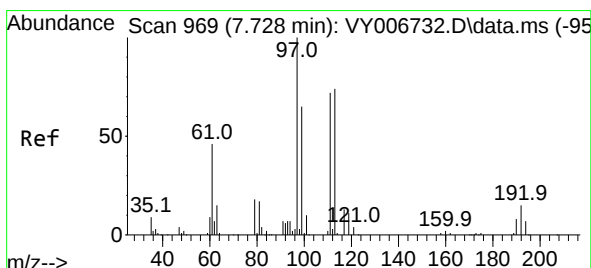
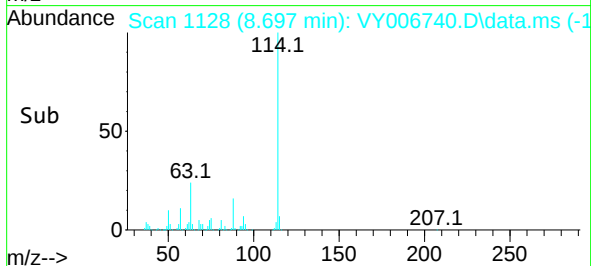
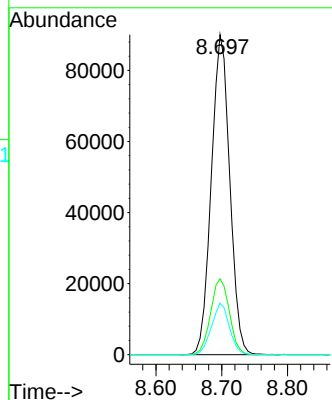
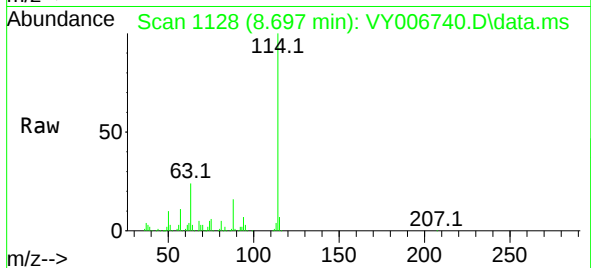
Tgt Ion:114 Resp: 175547

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.741 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006740.D

Acq: 15 Nov 2021 18:58

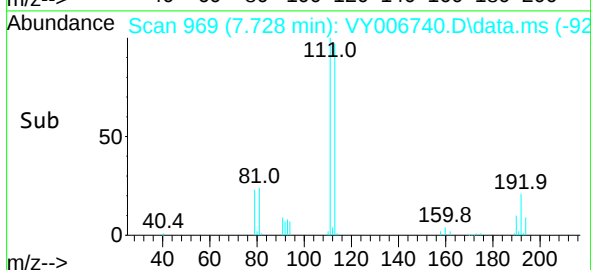
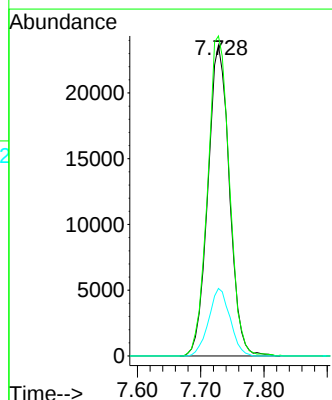
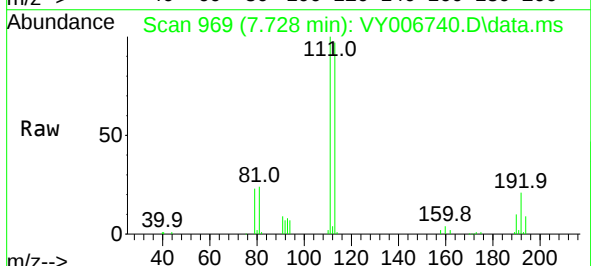
Tgt Ion:113 Resp: 55791

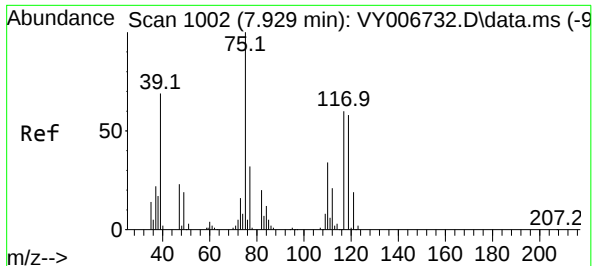
Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

192 21.6 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.892 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY006740.D

Acq: 15 Nov 2021 18:58

Instrument :

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ClientSampleId :

COMP-3

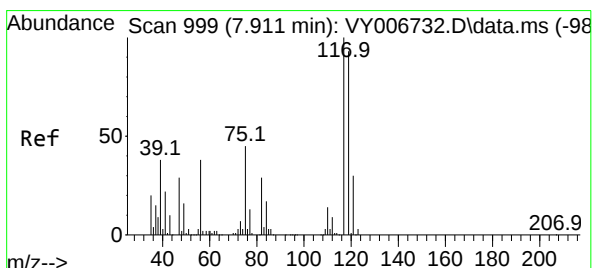
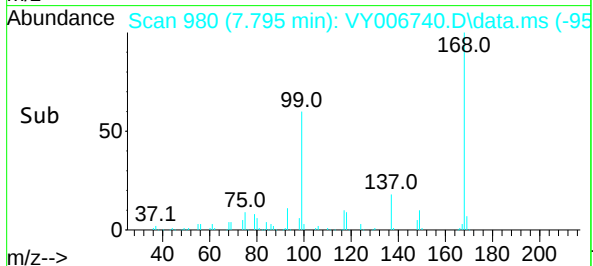
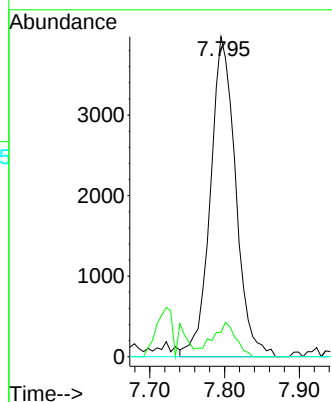
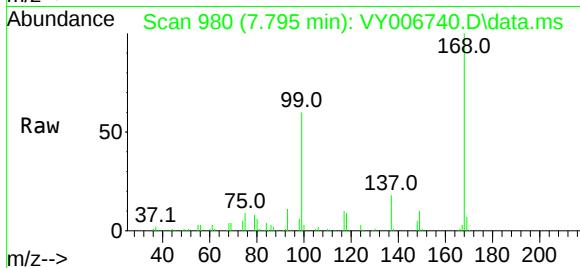
Tgt Ion: 75 Resp: 9335

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.450 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY006740.D

Acq: 15 Nov 2021 18:58

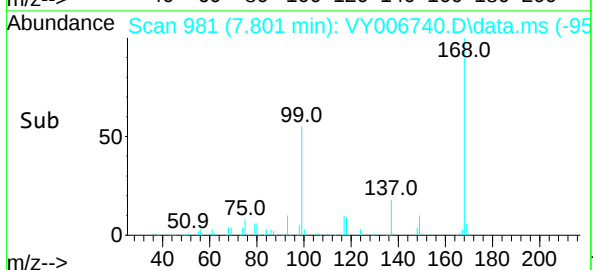
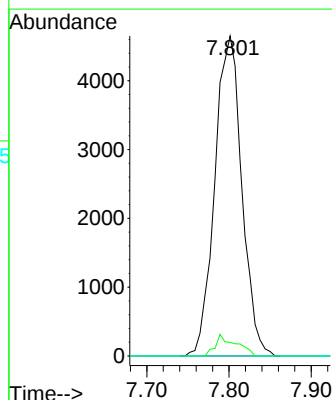
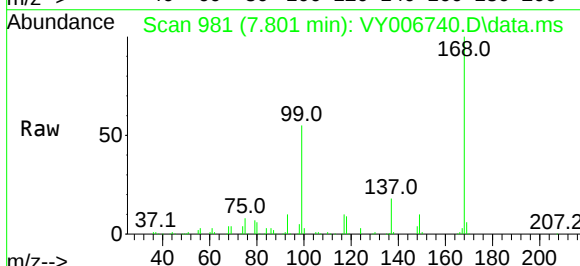
Tgt Ion: 117 Resp: 10636

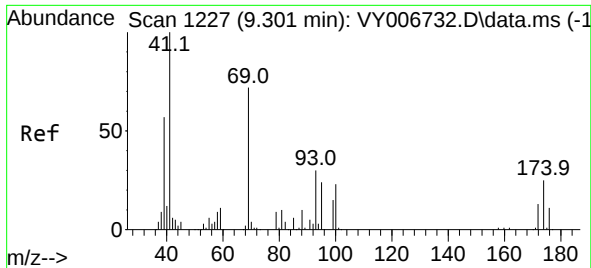
Ion Ratio Lower Upper

117 100

119 4.2 76.6 115.0#

121 0.0 24.7 37.1#

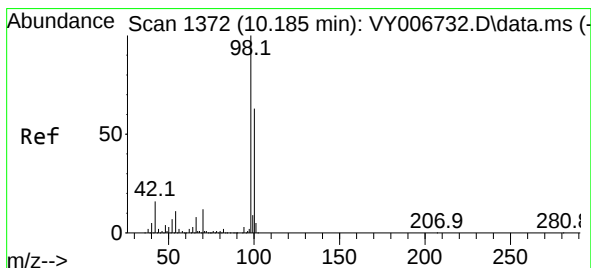
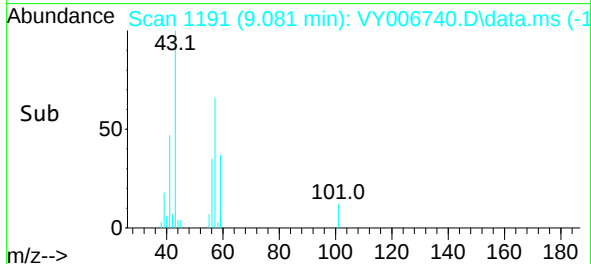
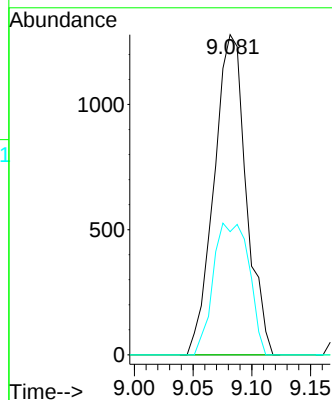
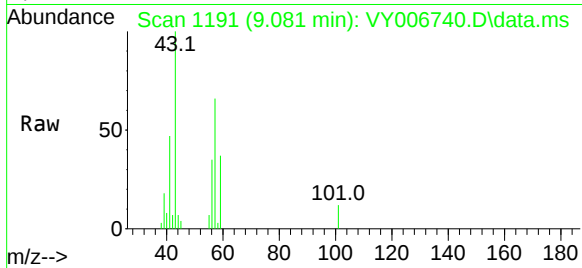




#48
Methyl methacrylate
Concen: 2.148 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

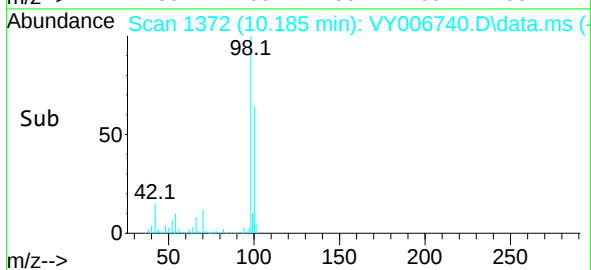
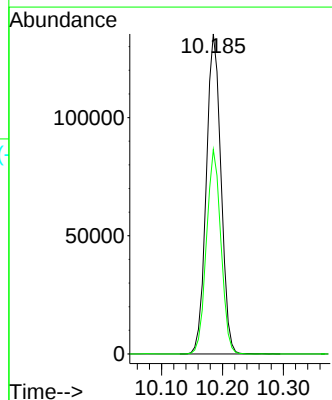
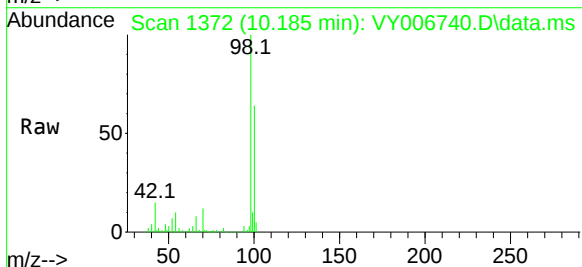
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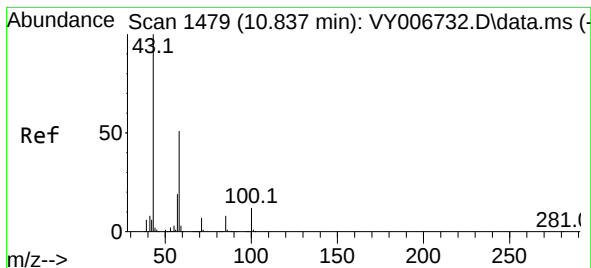
Tgt Ion: 41 Resp: 2435
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 45.7 48.2 72.2#



#50
Toluene-d8
Concen: 50.780 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

Tgt Ion: 98 Resp: 226581
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

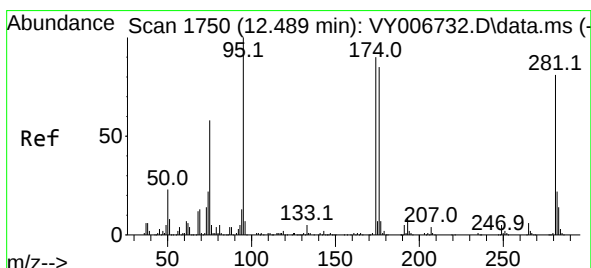
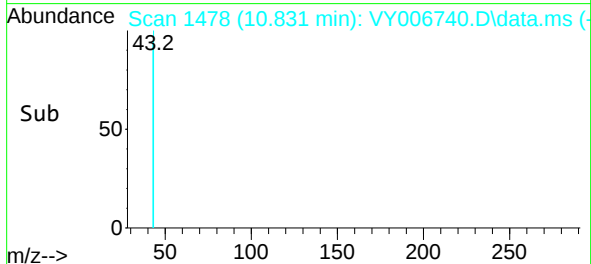
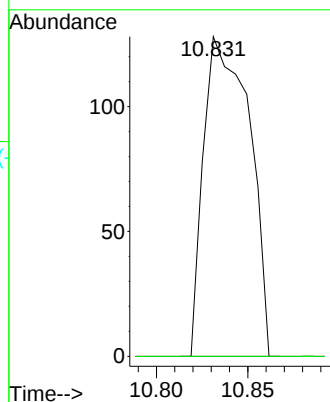
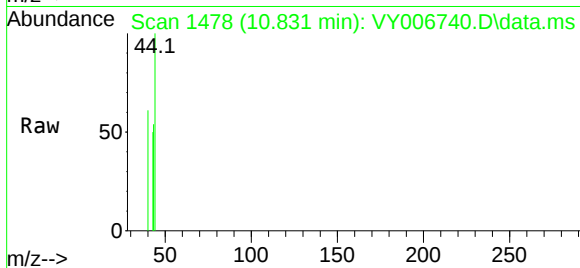




#59
2-Hexanone
Concen: 24.033 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

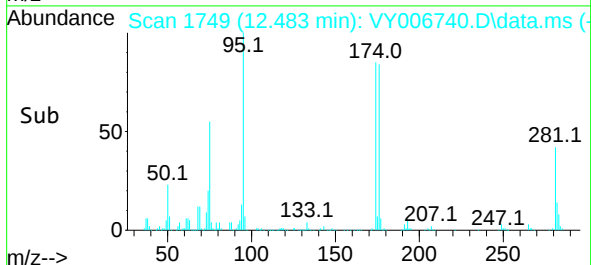
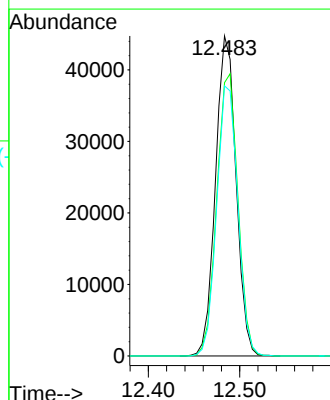
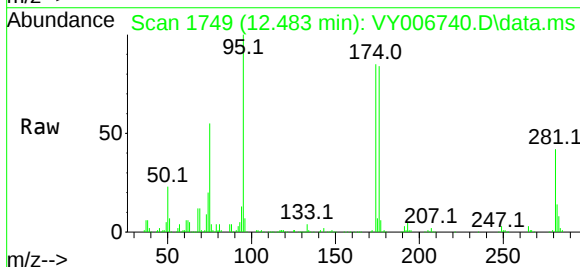
Instrument :
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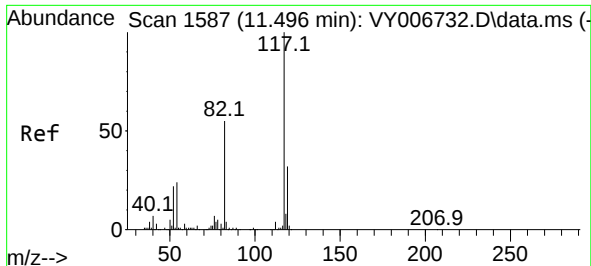
Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 46.402 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

Tgt Ion: 95 Resp: 69801
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 87.1 0.0 169.4

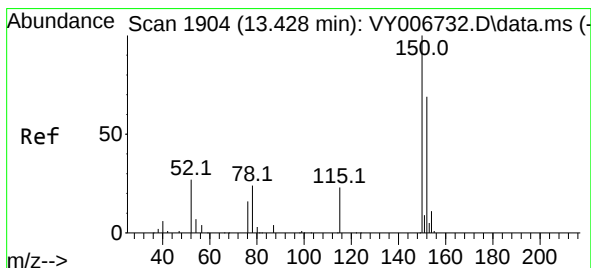
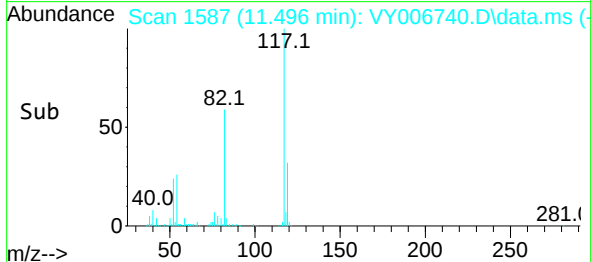
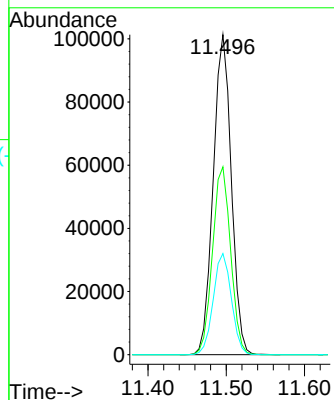
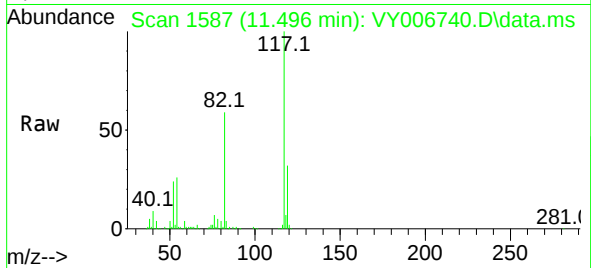




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

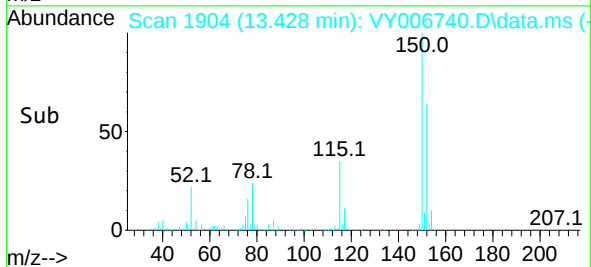
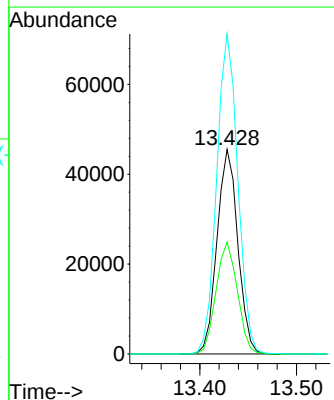
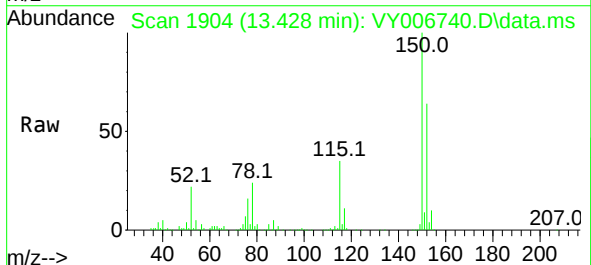
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

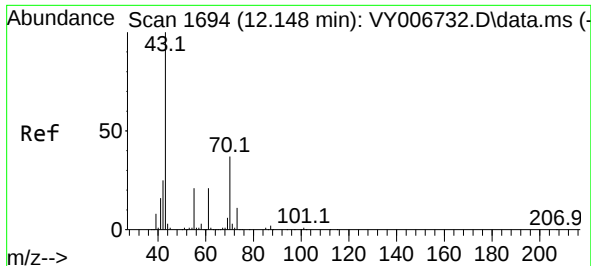
Tgt Ion:117 Resp: 162466
Ion Ratio Lower Upper
117 100
82 58.7 45.7 68.5
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

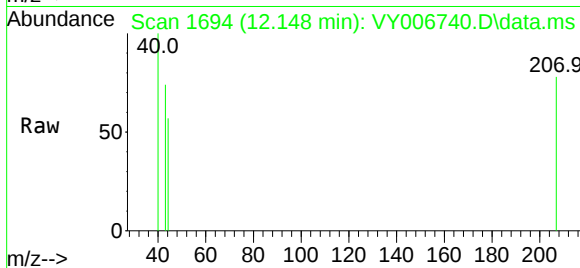
Tgt Ion:152 Resp: 67957
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.5
150 158.7 0.0 348.2



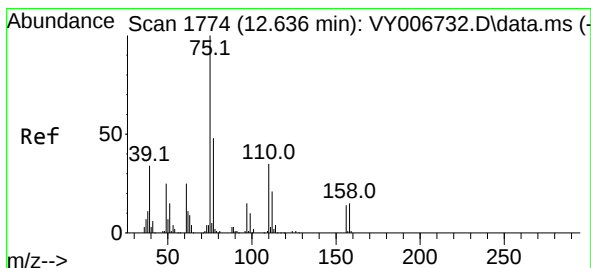
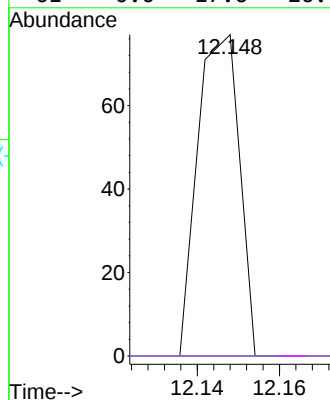
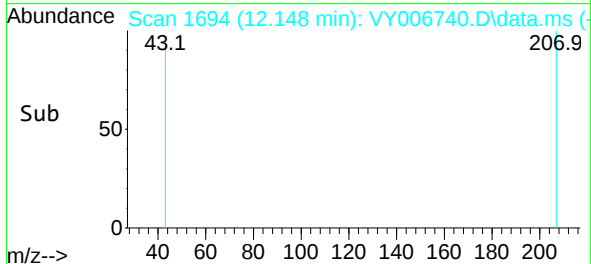


#74
N-amy1 acetate
Concen: 3.182 ug/l
RT: 12.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58

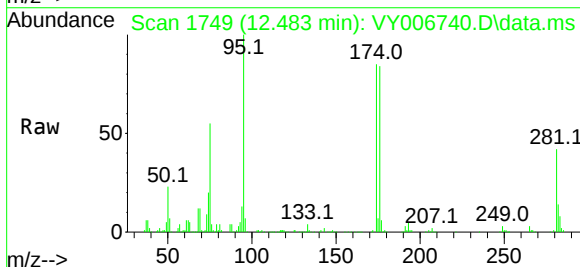
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3



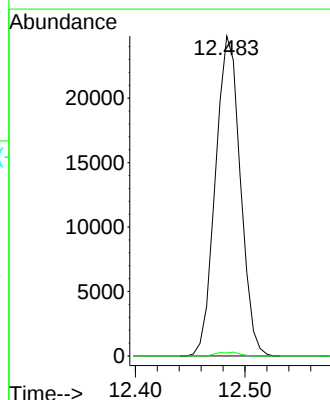
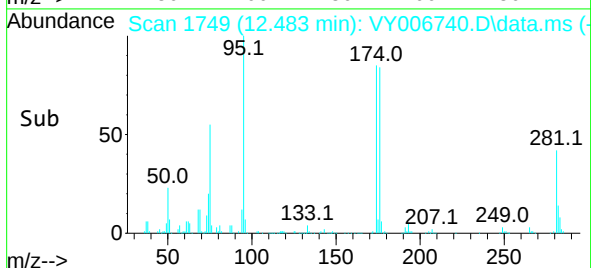
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#

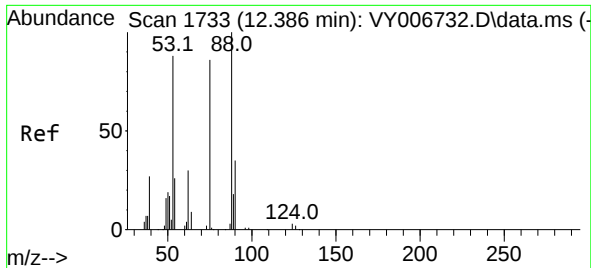


#76
1,2,3-Trichloropropane
Concen: 53.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006740.D
Acq: 15 Nov 2021 18:58



Tgt Ion: 75 Resp: 39197
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.121 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY006740.D
 Acq: 15 Nov 2021 18:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Tgt Ion: 75 Resp: 39197
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.6 39.3 58.9#

