

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006742.D
 Acq On : 15 Nov 2021 19:45
 Operator : SY/MD
 Sample : M4680-01
 Misc : 4.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 04:23:06 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)

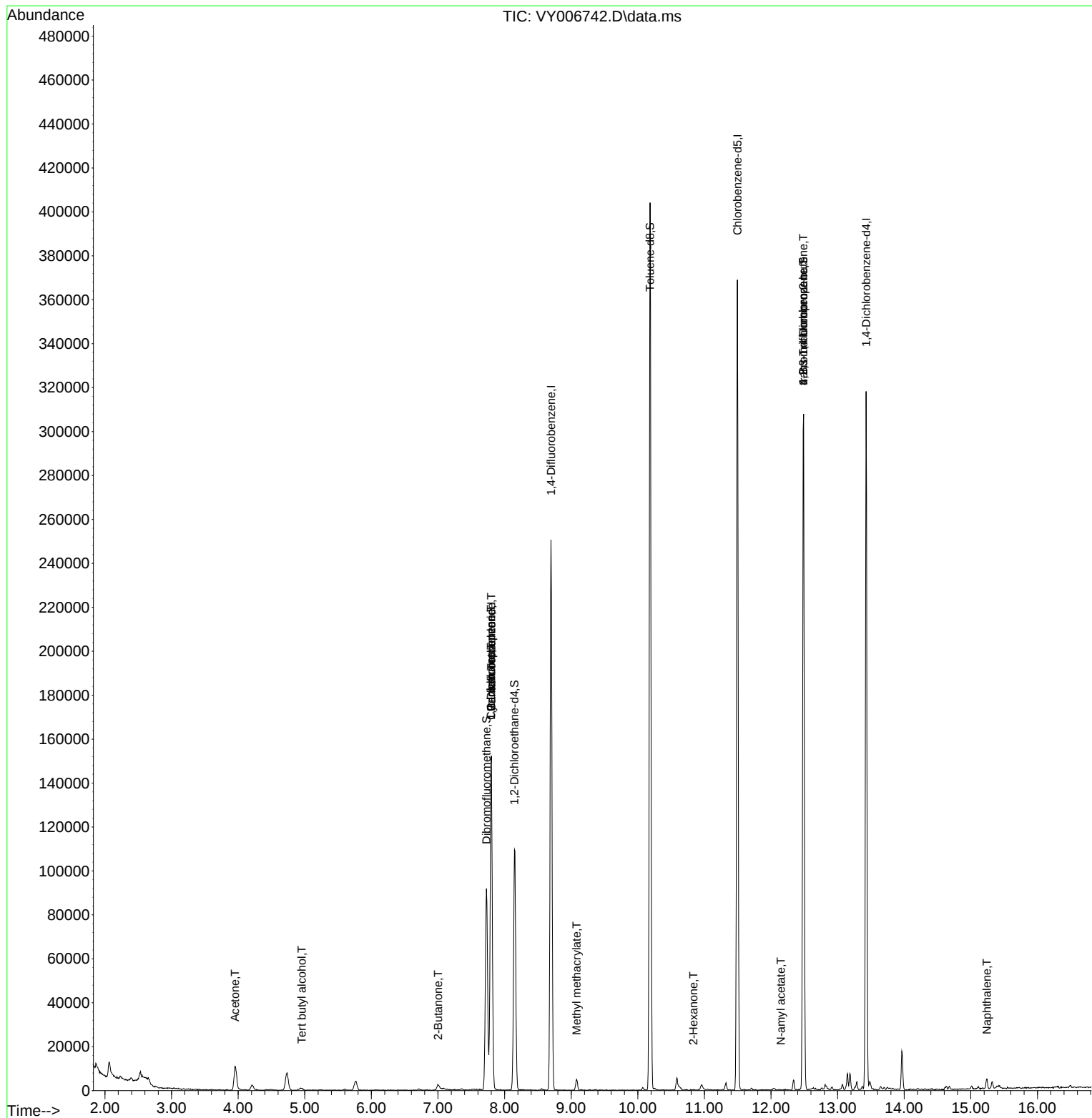
Internal Standards						
1) Pentafluorobenzene	7.801	168	113393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	192195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88726	59.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.400%
35) Dibromofluoromethane	7.728	113	61717	52.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.560%
50) Toluene-d8	10.185	98	244581	50.066	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.483	95	77702	47.180	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1435	6.421	ug/l #	72
16) Acetone	3.954	43	20304	44.967	ug/l	98
25) 2-Butanone	7.003	43	3549	16.657	ug/l #	80
31) Cyclohexane	7.795	56	3069	1.175	ug/l #	47
36) 1,1-Dichloropropene	7.795	75	9782	4.682	ug/l #	49
38) Carbon Tetrachloride	7.801	117	11713	5.482	ug/l #	14
48) Methyl methacrylate	9.081	41	1361	1.096	ug/l #	42
59) 2-Hexanone	10.837	43	371	24.148	ug/l #	54
74) N-amyl acetate	12.148	43	151	3.222	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	46157	55.391	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46157	109.755	ug/l #	7
95) Naphthalene	15.239	128	3875	1.403	ug/l	98

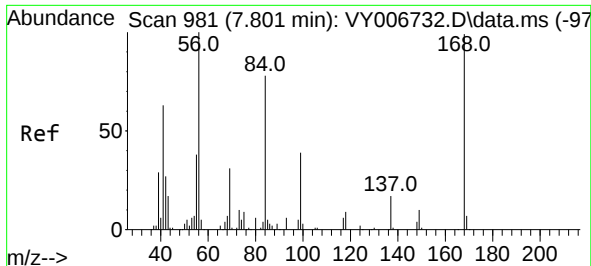
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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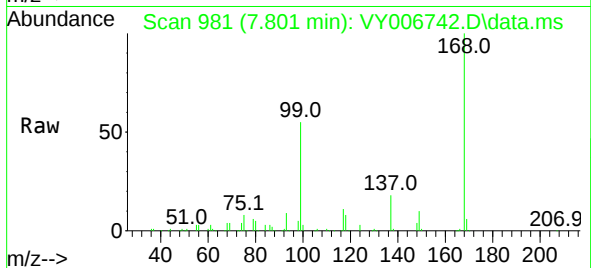
Quant Time: Nov 16 04:23:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
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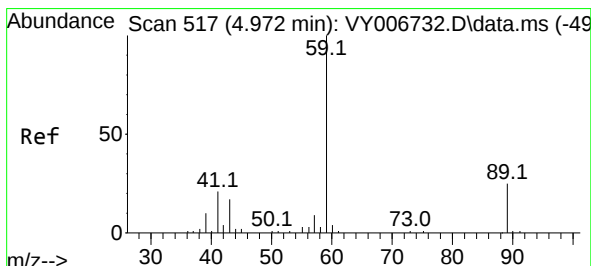
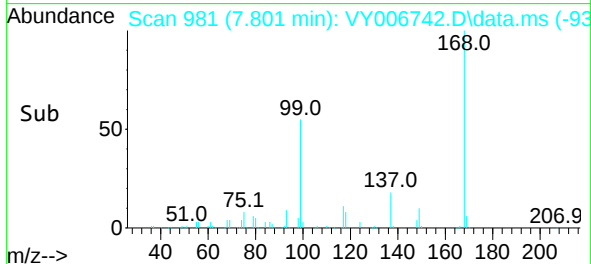
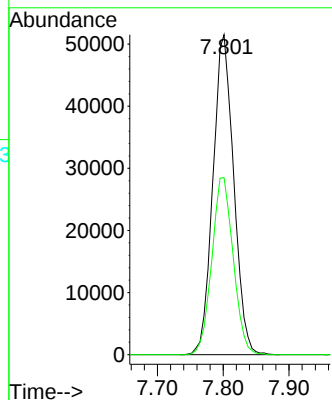


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Instrument :
MSVOA_Y
ClientSampleId :

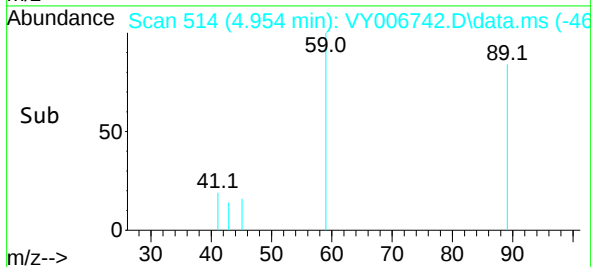
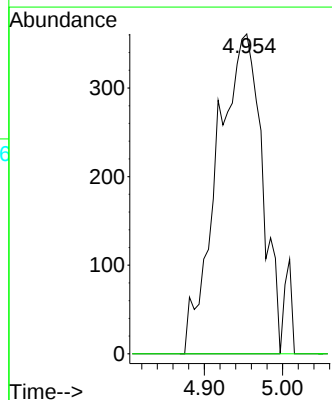
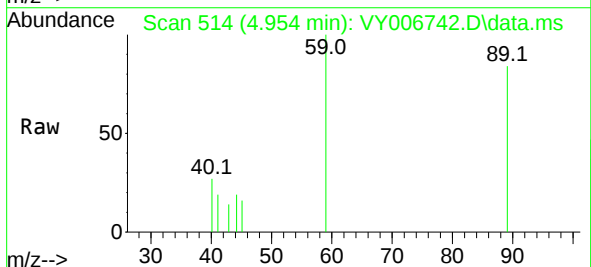


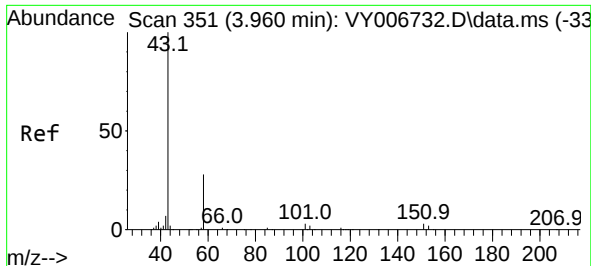
Tgt Ion:168 Resp: 113393
Ion Ratio Lower Upper
168 100
99 55.4 44.8 67.2



#11
Tert butyl alcohol
Concen: 6.421 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

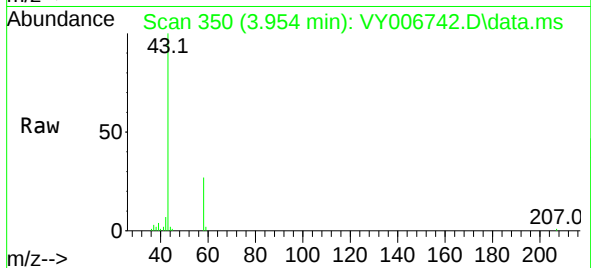
Tgt Ion: 59 Resp: 1435
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



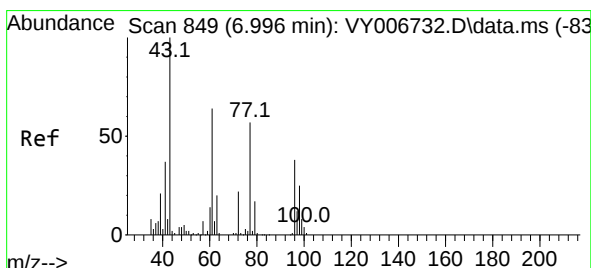
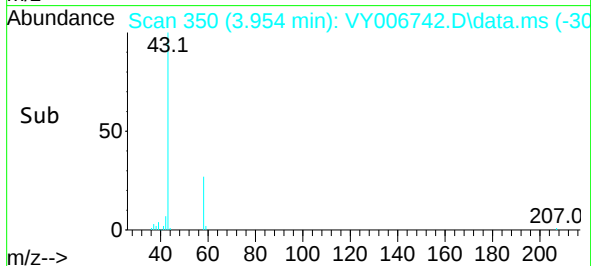
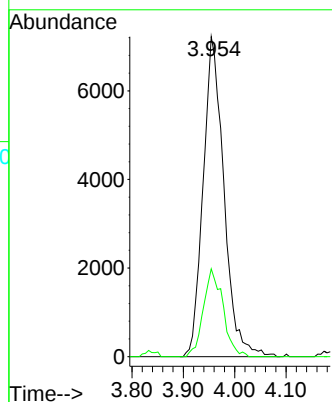


#16
Acetone
Concen: 44.967 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Instrument :
MSVOA_Y
ClientSampleId :

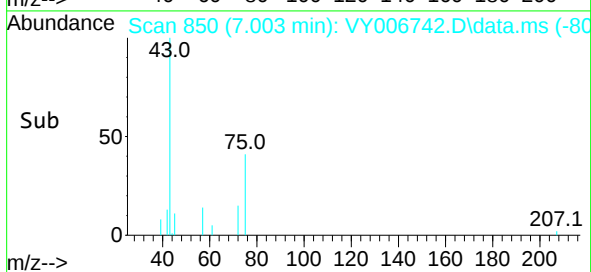
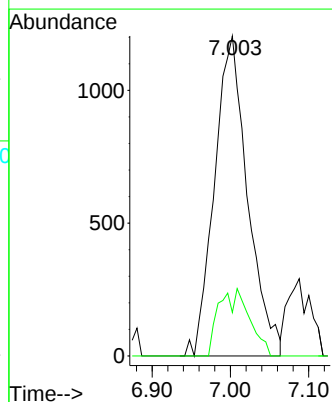
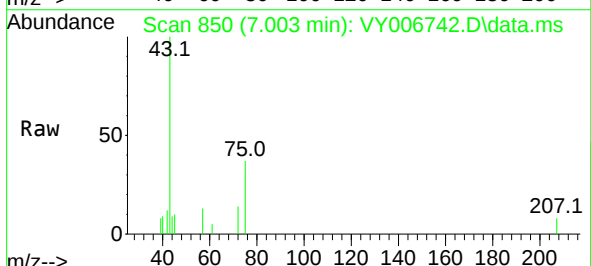


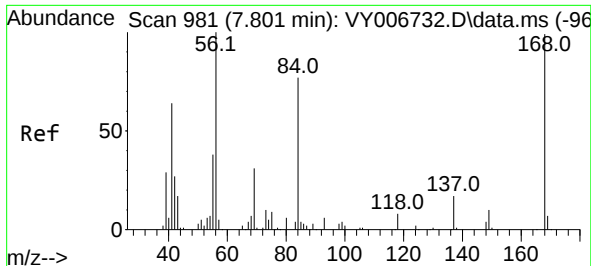
Tgt Ion: 43 Resp: 20304
Ion Ratio Lower Upper
43 100
58 27.5 22.9 34.3



#25
2-Butanone
Concen: 16.657 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

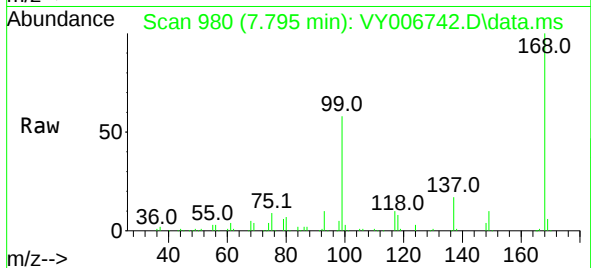
Tgt Ion: 43 Resp: 3549
Ion Ratio Lower Upper
43 100
72 13.6 18.9 28.3#



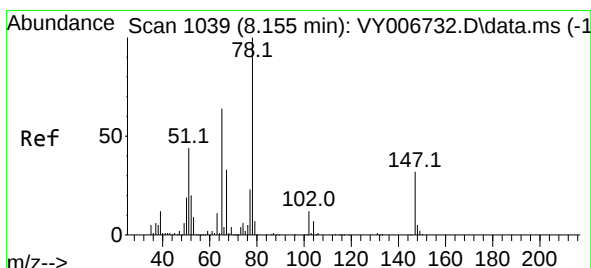
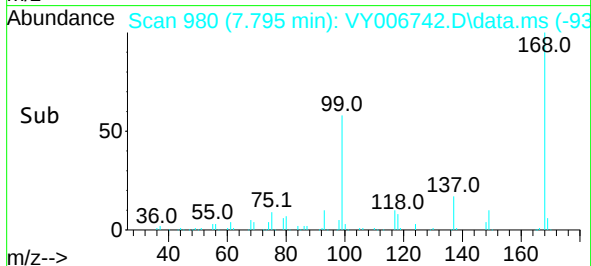
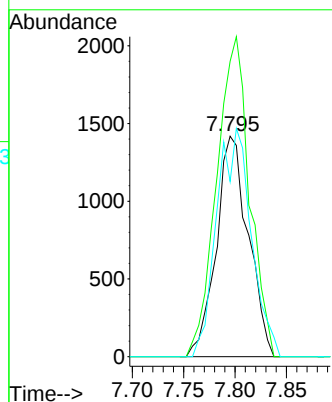


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Instrument :
MSVOA_Y
ClientSampleId :

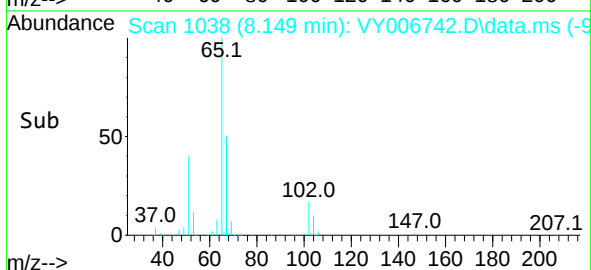
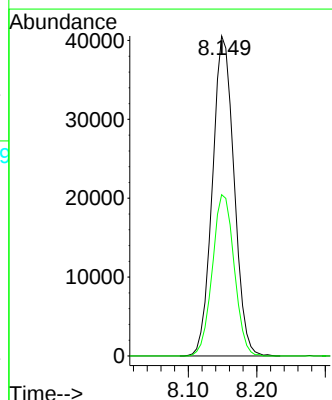
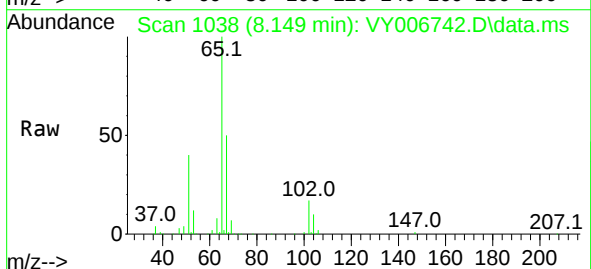


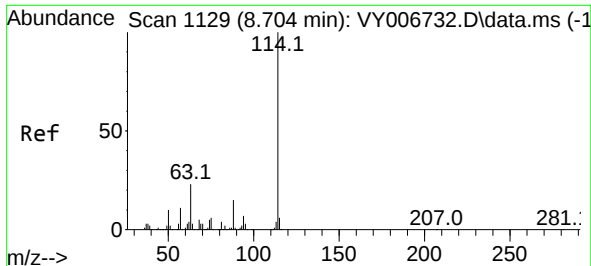
Tgt Ion: 56 Resp: 3069
Ion Ratio Lower Upper
56 100
69 133.9 26.6 40.0#
84 79.4 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 59.702 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Tgt Ion: 65 Resp: 88726
Ion Ratio Lower Upper
65 100
67 51.0 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

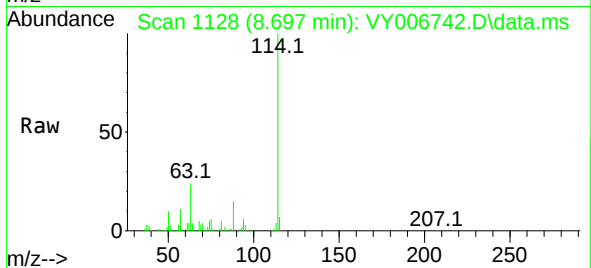
Lab File: VY006742.D

Acq: 15 Nov 2021 19:45

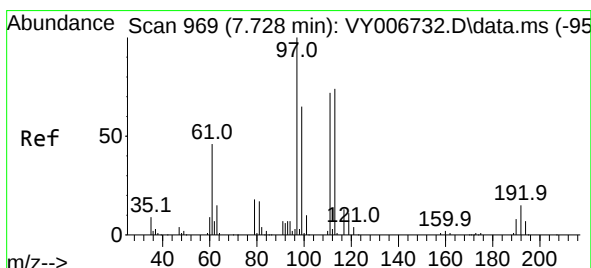
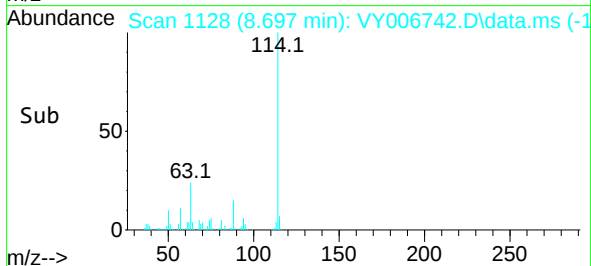
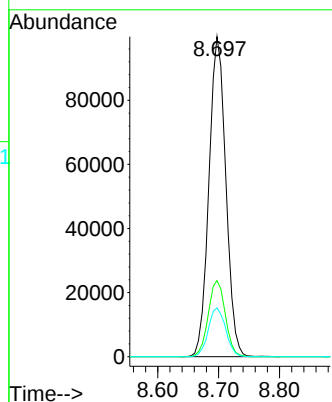
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	114	Resp:	192195
Ion Ratio	Lower	Upper	
114	100		
63	23.7	0.0	45.0
88	15.3	0.0	30.6



#35

Dibromofluoromethane

Concen: 52.279 ug/l

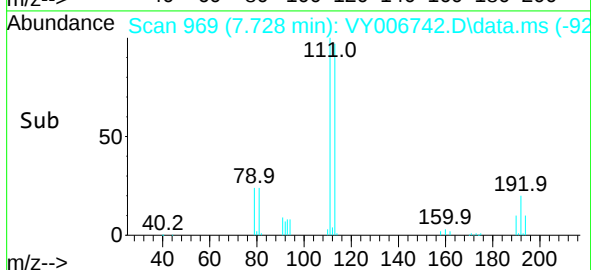
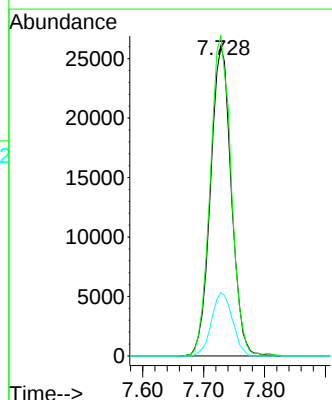
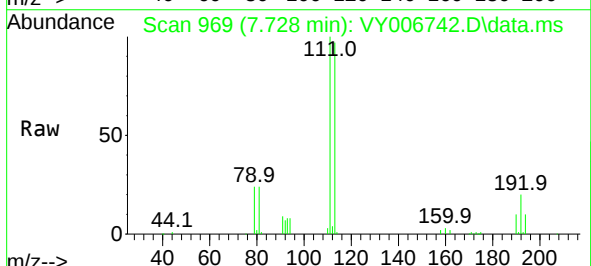
RT: 7.728 min Scan# 969

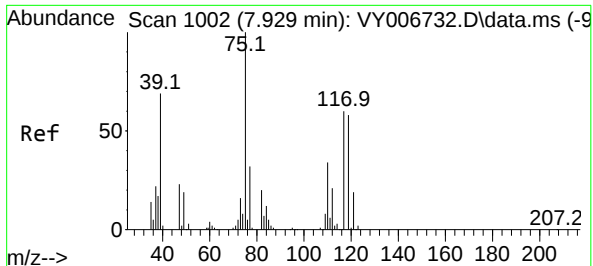
Delta R.T. -0.000 min

Lab File: VY006742.D

Acq: 15 Nov 2021 19:45

Tgt Ion:	113	Resp:	61717
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.3	123.5
192	20.6	17.4	26.2





#36

1,1-Dichloropropene

Concen: 4.682 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

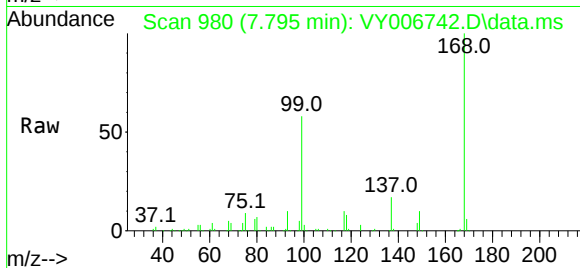
Lab File: VY006742.D

Acq: 15 Nov 2021 19:45

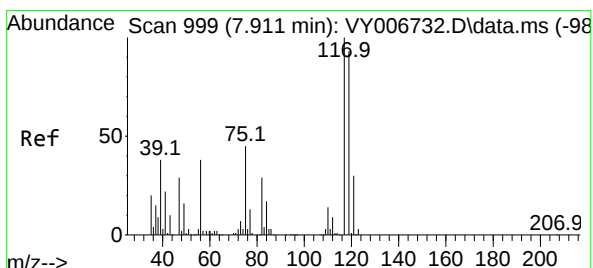
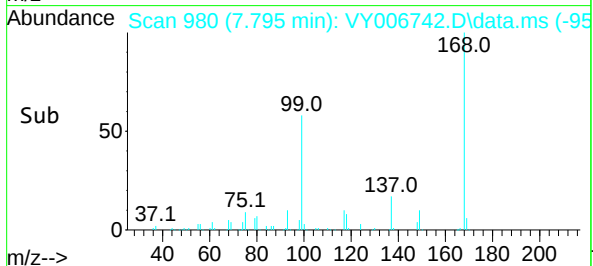
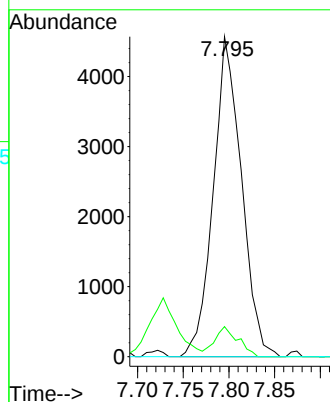
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	9782
Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.482 ug/l

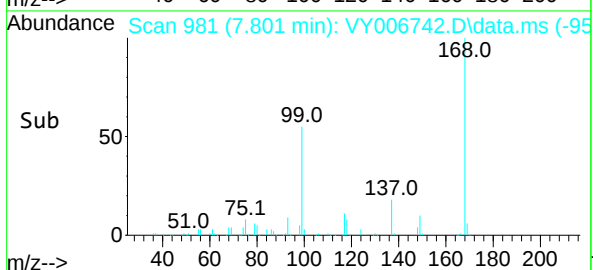
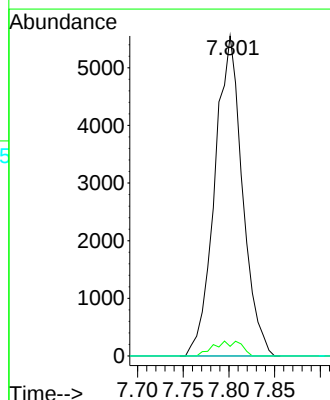
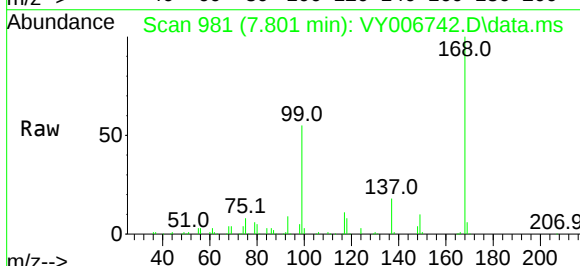
RT: 7.801 min Scan# 981

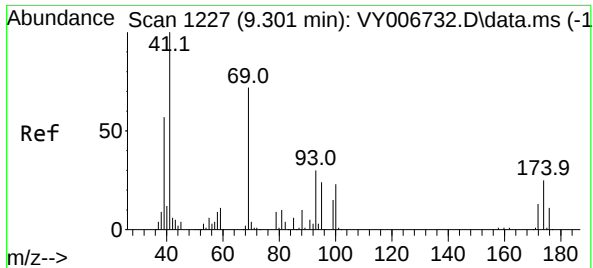
Delta R.T. -0.110 min

Lab File: VY006742.D

Acq: 15 Nov 2021 19:45

Tgt Ion:	117	Resp:	11713
Ion	Ratio	Lower	Upper
117	100		
119	3.0	76.6	115.0#
121	0.0	24.7	37.1#

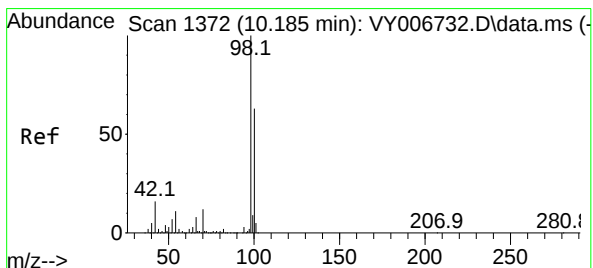
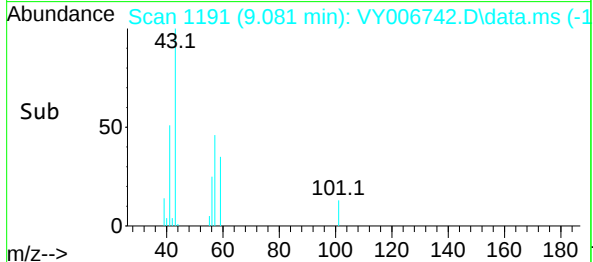
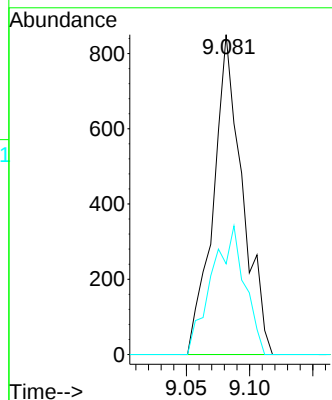
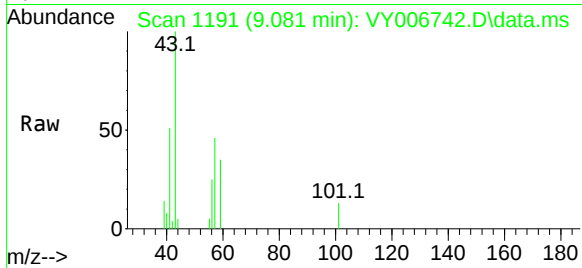




#48
Methyl methacrylate
Concen: 1.096 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

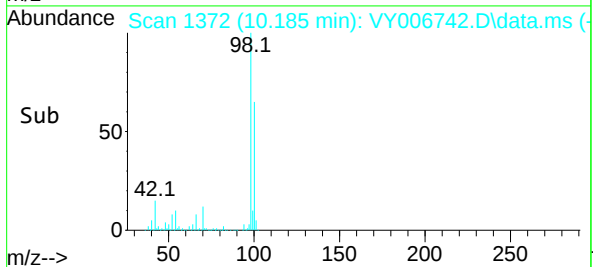
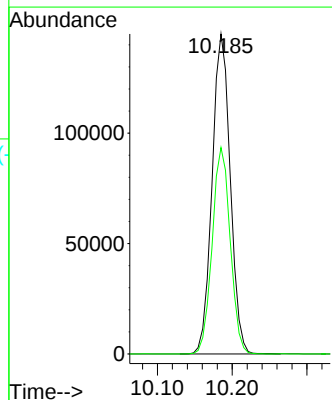
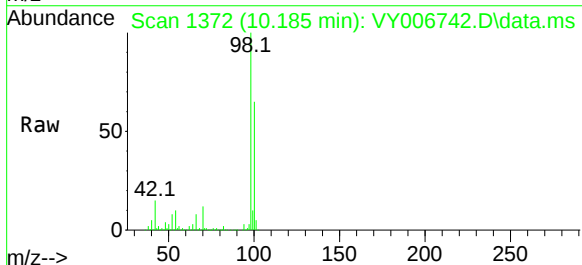
Instrument :
MSVOA_Y
ClientSampleId :

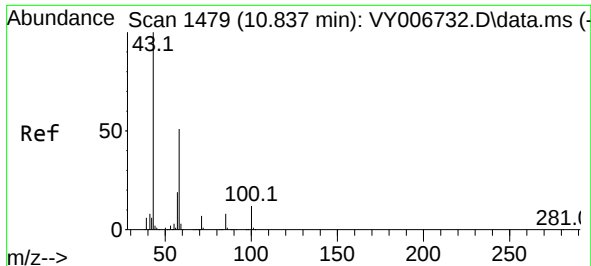
Tgt Ion: 41 Resp: 1361
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 45.4 48.2 72.2#



#50
Toluene-d8
Concen: 50.066 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Tgt Ion: 98 Resp: 244581
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

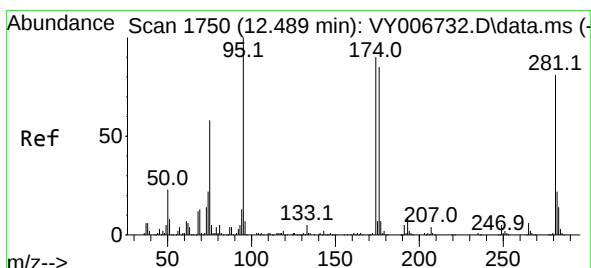
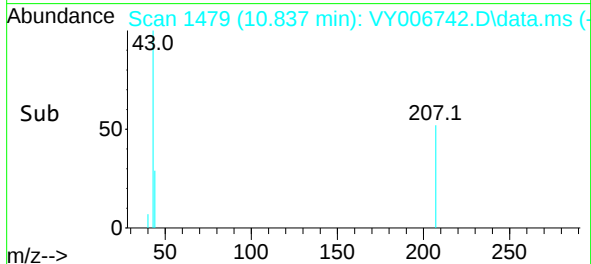
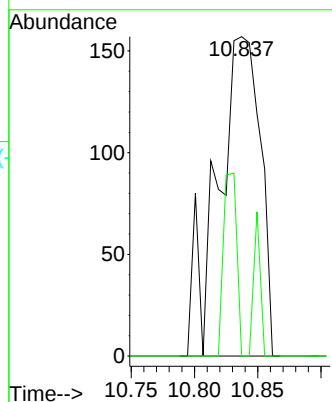
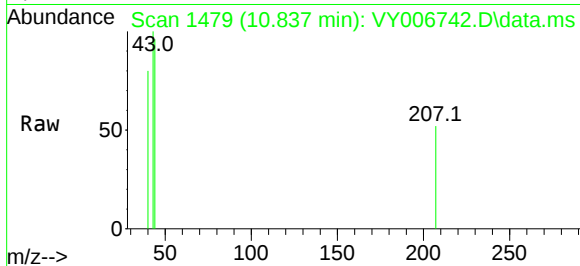




#59
2-Hexanone
Concen: 24.148 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

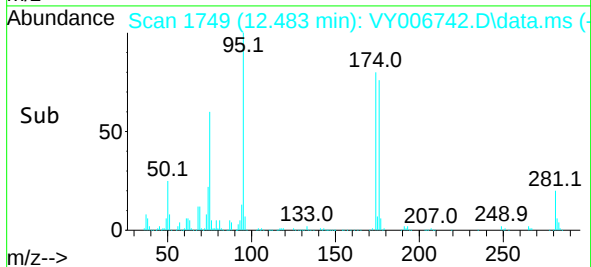
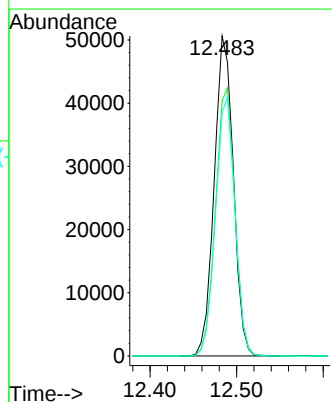
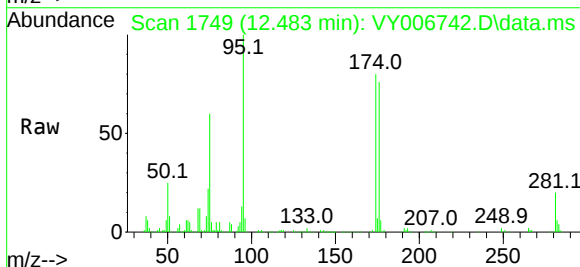
Instrument :
MSVOA_Y
ClientSampleId :

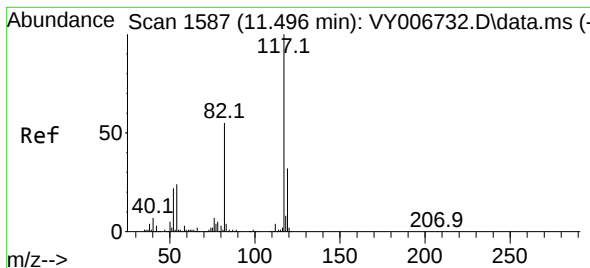
Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
58 17.5 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 47.180 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Tgt Ion: 95 Resp: 77702
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.6 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: VY006742.D

Acq: 15 Nov 2021 19:45

Instrument :

MSVOA_Y

ClientSampleId :

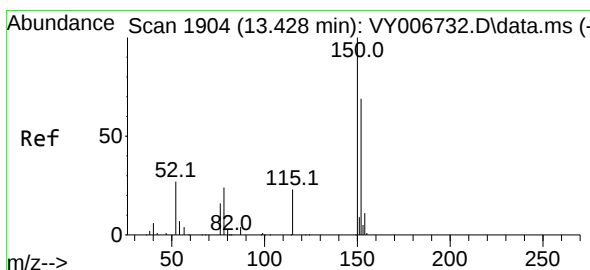
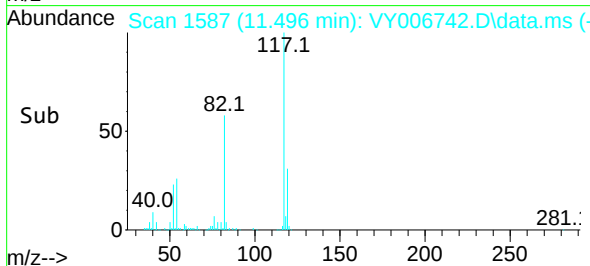
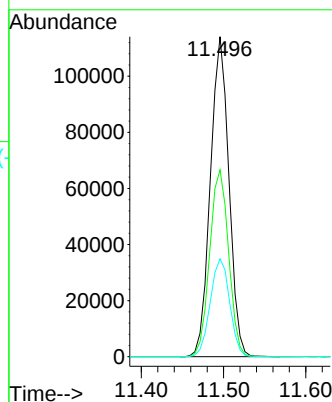
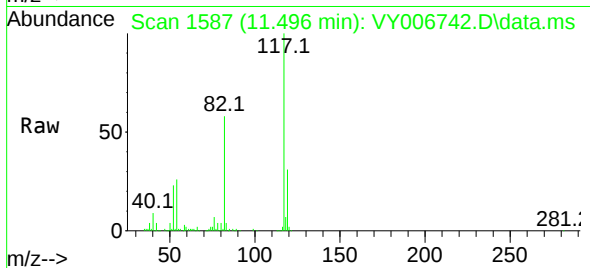
Tgt Ion:117 Resp: 178308

Ion Ratio Lower Upper

117 100

82 58.4 45.7 68.5

119 30.6 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: VY006742.D

Acq: 15 Nov 2021 19:45

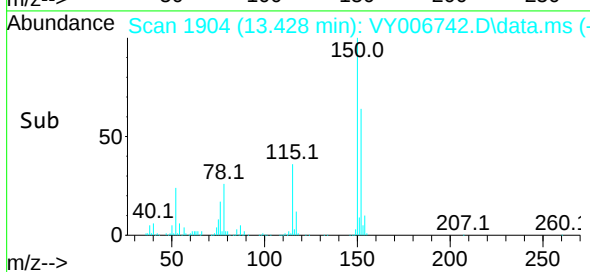
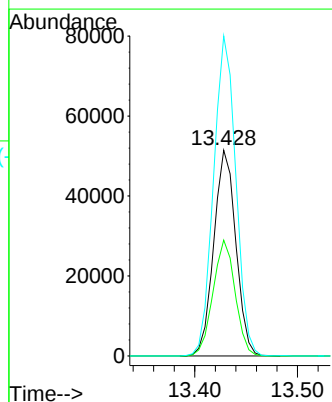
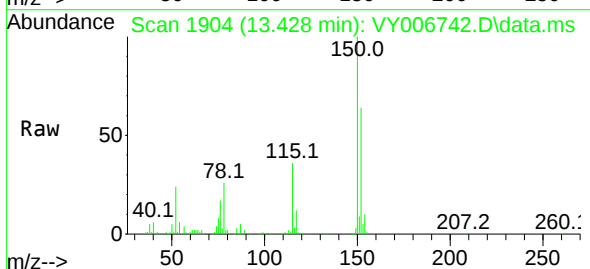
Tgt Ion:152 Resp: 76645

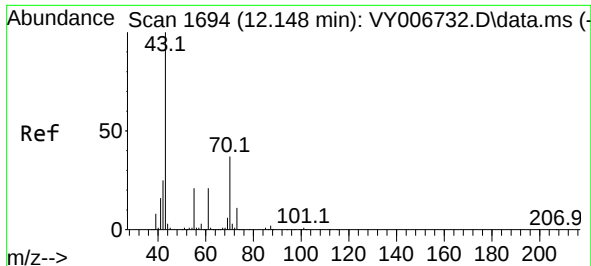
Ion Ratio Lower Upper

152 100

115 56.4 28.5 85.5

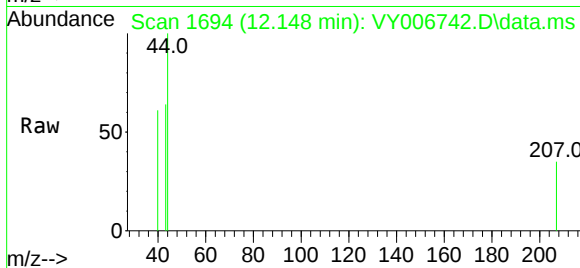
150 157.1 0.0 348.2



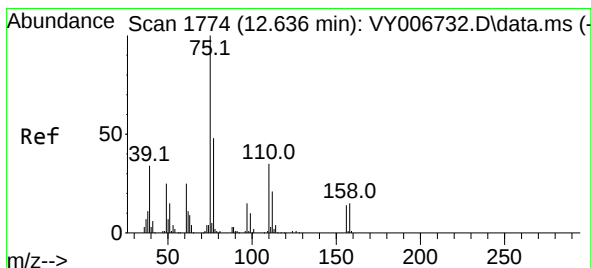
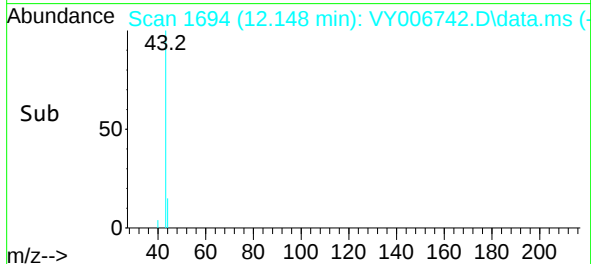
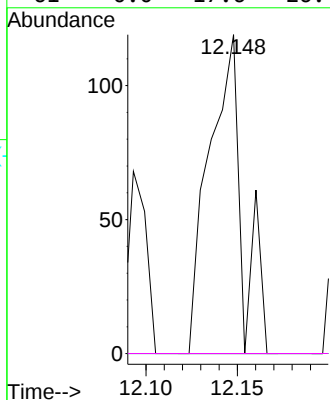


#74
N-amy1 acetate
Concen: 3.222 ug/l
RT: 12.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Instrument :
MSVOA_Y
ClientSampleId :

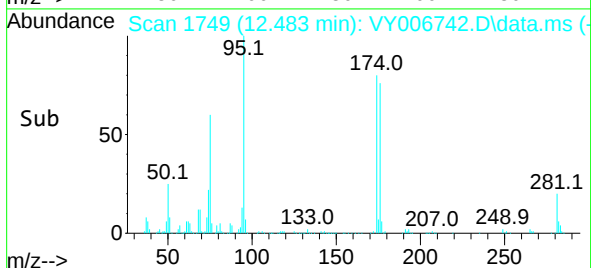
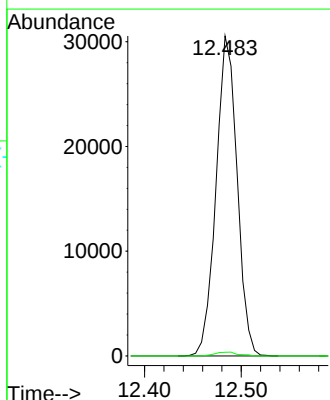
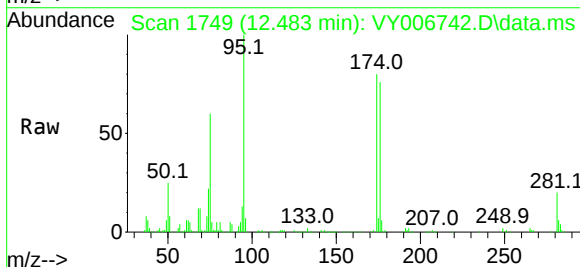


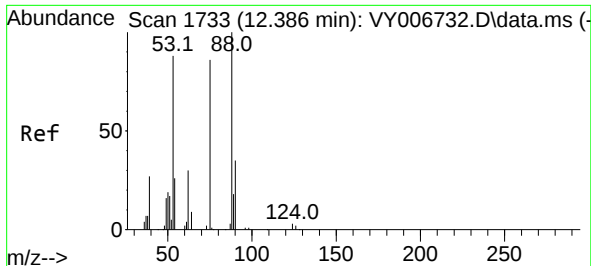
Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 55.391 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Tgt Ion: 75 Resp: 46157
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

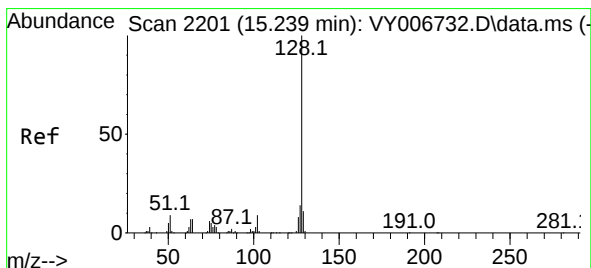
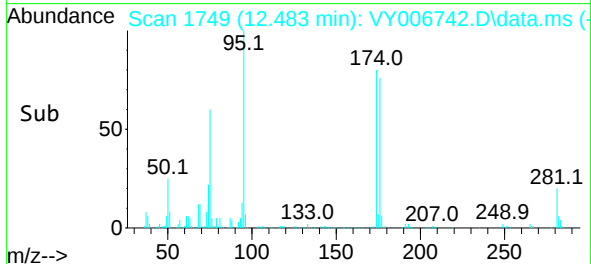
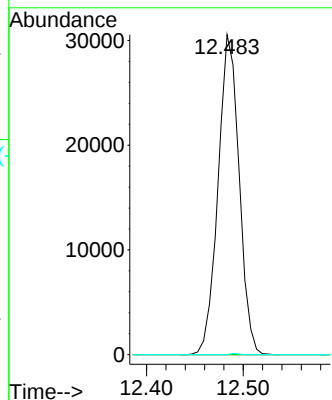
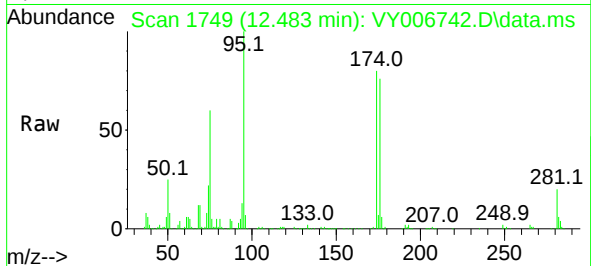




#81
trans-1,4-Dichloro-2-butene
Concen: 109.755 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 46157
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.2 39.3 58.9#



#95
Naphthalene
Concen: 1.403 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006742.D
Acq: 15 Nov 2021 19:45

Tgt Ion: 128 Resp: 3875
Ion Ratio Lower Upper
128 100
127 14.8 11.0 16.4
129 10.8 8.9 13.3

