

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006743.D
 Acq On : 15 Nov 2021 20:09
 Operator : SY/MD
 Sample : M4680-02
 Misc : 5.83G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 04:23:14 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)

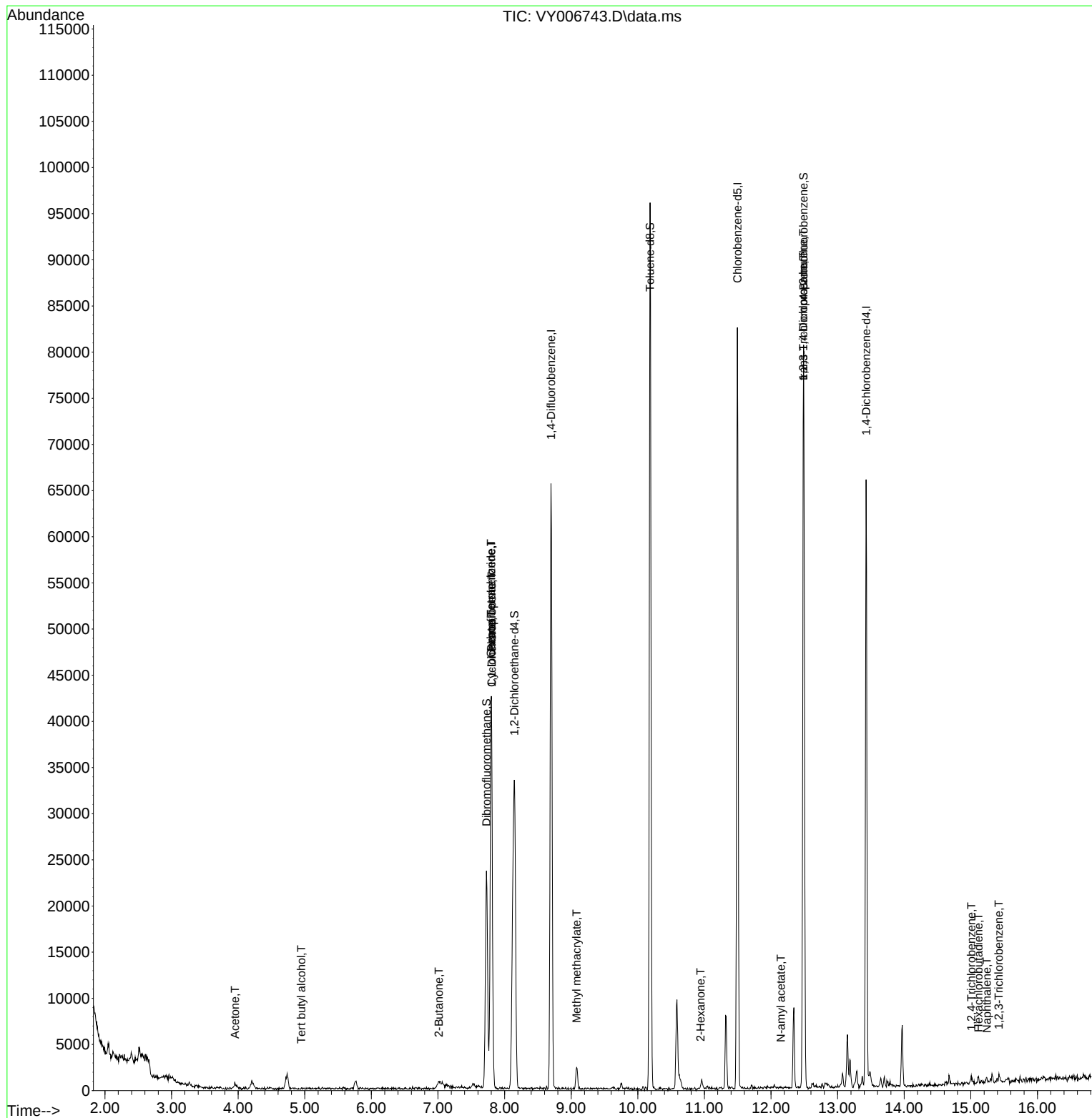
Internal Standards						
1) Pentafluorobenzene	7.801	168	31723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	50409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	42337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21371	51.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.800%			
35) Dibromofluoromethane	7.728	113	15679	50.638	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.280%			
50) Toluene-d8	10.185	98	61505	48.002	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.000%			
62) 4-Bromofluorobenzene	12.489	95	15951	36.928	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 73.860%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	81	1.295	ug/l #	72
16) Acetone	3.954	43	1104	8.740	ug/l #	81
20) Methylene Chloride	4.735	84	993	Below Cal		93
25) 2-Butanone	7.015	43	296	13.038	ug/l #	52
31) Cyclohexane	7.807	56	942	1.289	ug/l #	63
36) 1,1-Dichloropropene	7.807	75	3102	5.661	ug/l #	49
38) Carbon Tetrachloride	7.795	117	3277	5.847	ug/l #	18
48) Methyl methacrylate	9.081	41	684	2.101	ug/l #	42
59) 2-Hexanone	10.941	43	74	24.068	ug/l #	28
74) N-amyl acetate	12.148	43	21	3.204	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	9639	60.992	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9639	120.853	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	306	1.081	ug/l #	73
94) Hexachlorobutadiene	15.117	225	197	1.067	ug/l #	73
95) Naphthalene	15.239	128	634	1.211	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.422	180	387	1.641	ug/l #	68

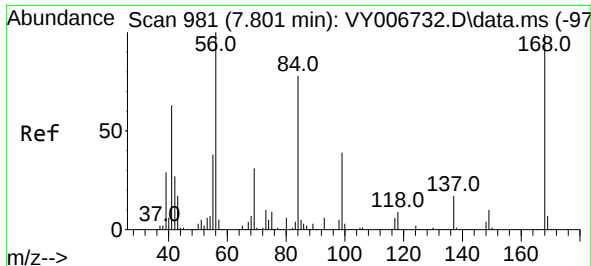
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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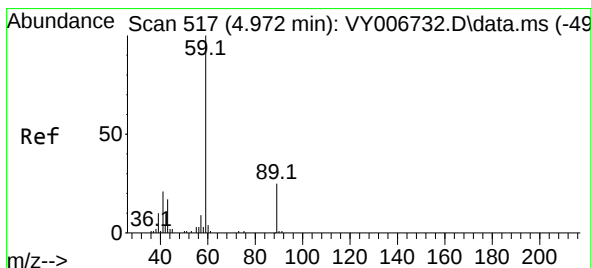
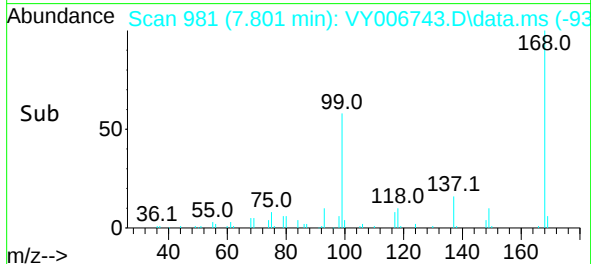
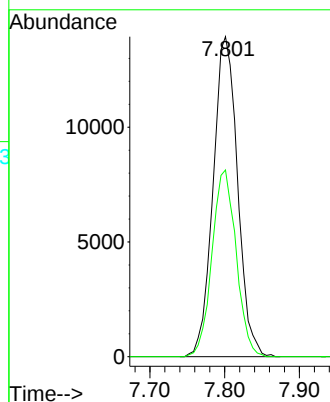
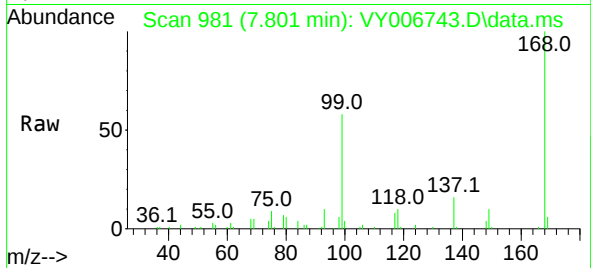




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

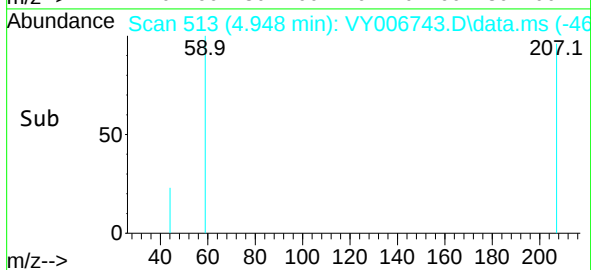
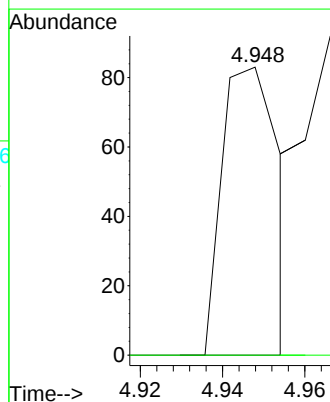
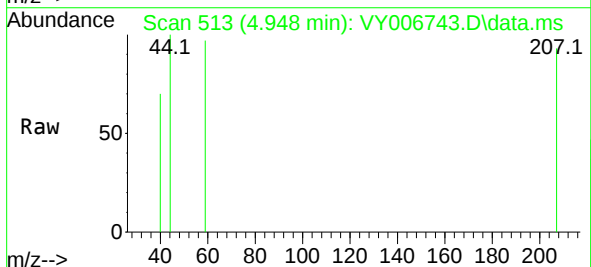
Instrument :
MSVOA_Y
ClientSampleId :

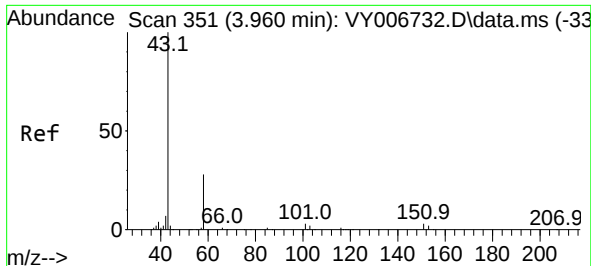
Tgt Ion:168 Resp: 31723
Ion Ratio Lower Upper
168 100
99 58.4 44.8 67.2



#11
Tert butyl alcohol
Concen: 1.295 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

Tgt Ion: 59 Resp: 81
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

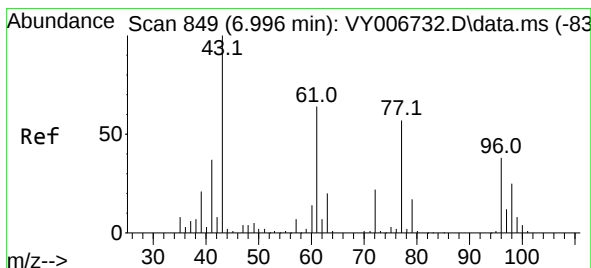
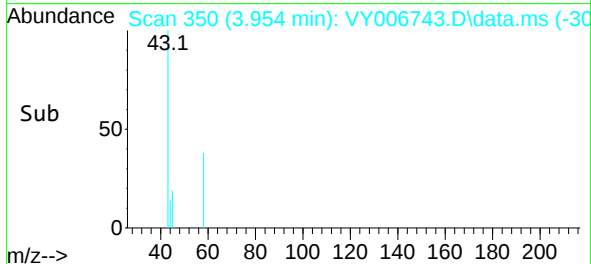
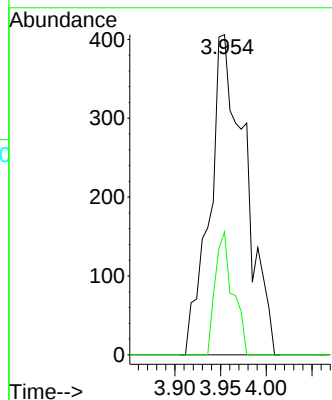
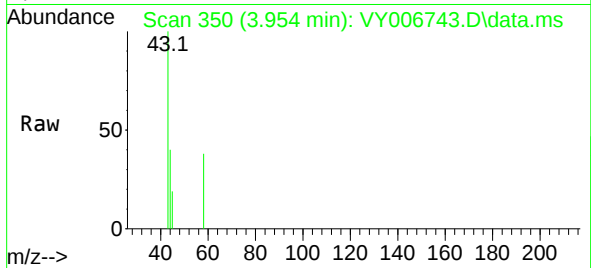




#16
Acetone
Concen: 8.740 ug/l
RT: 3.954 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

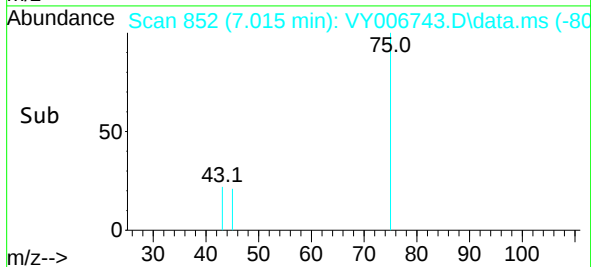
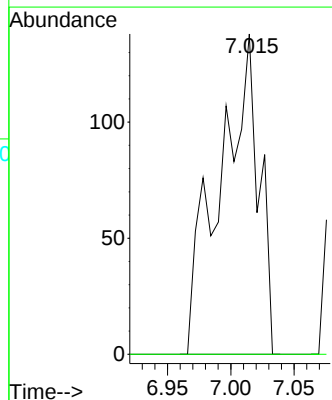
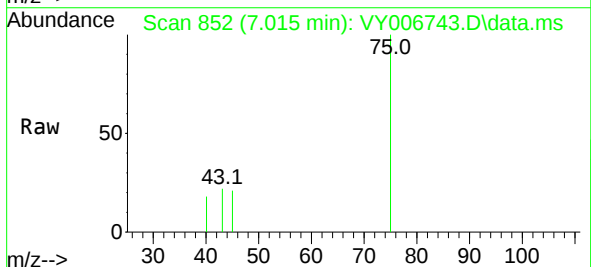
Instrument :
MSVOA_Y
ClientSampleId :

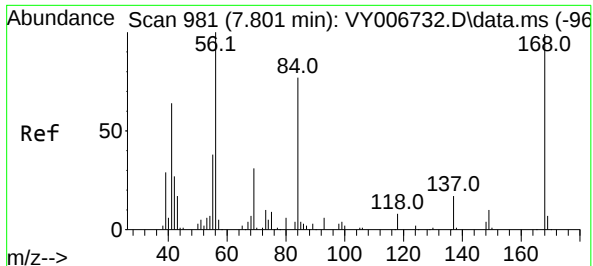
Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
58 38.4 22.9 34.3#



#25
2-Butanone
Concen: 13.038 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.019 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

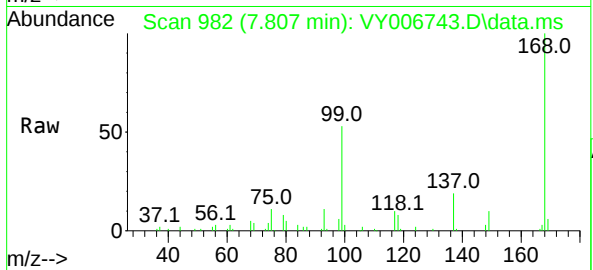
Tgt Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



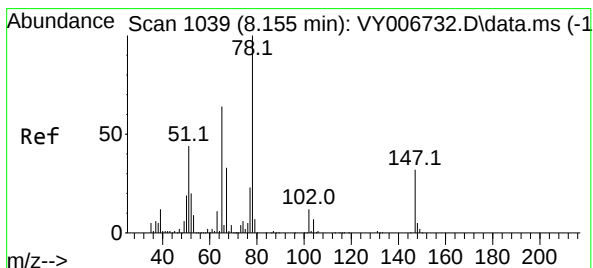
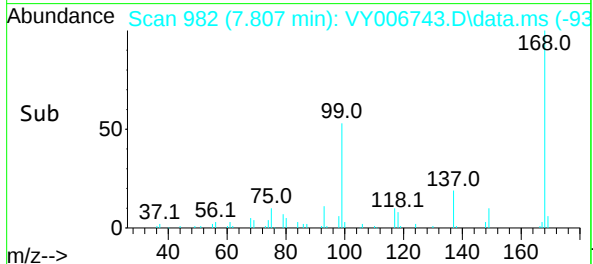
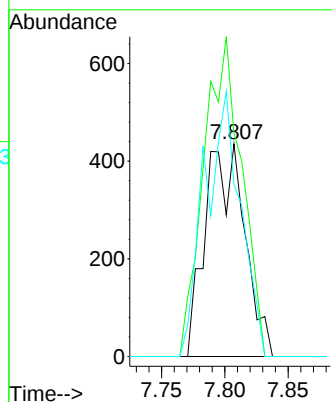


#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

Instrument :
MSVOA_Y
ClientSampleId :

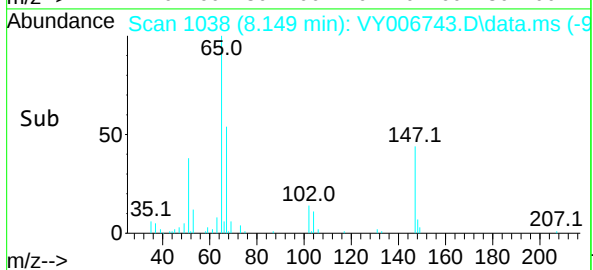
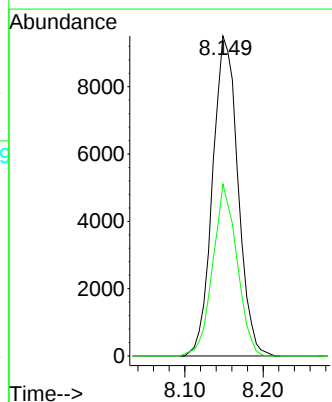
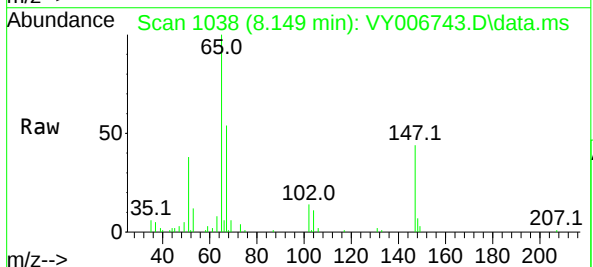


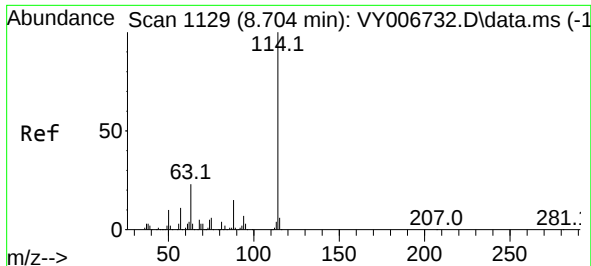
Tgt Ion: 56 Resp: 942
Ion Ratio Lower Upper
56 100
69 105.1 26.6 40.0#
84 81.1 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 51.401 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

Tgt Ion: 65 Resp: 21371
Ion Ratio Lower Upper
65 100
67 51.3 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

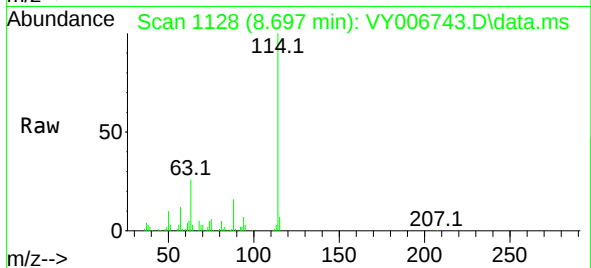
Lab File: VY006743.D

Acq: 15 Nov 2021 20:09

Instrument :

MSVOA_Y

ClientSampleId :



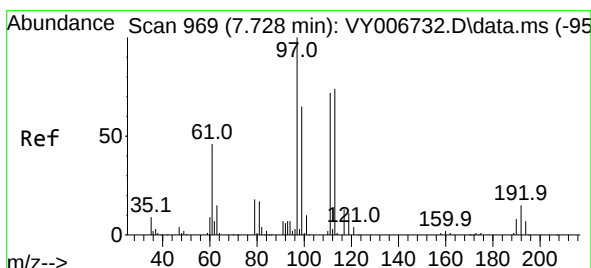
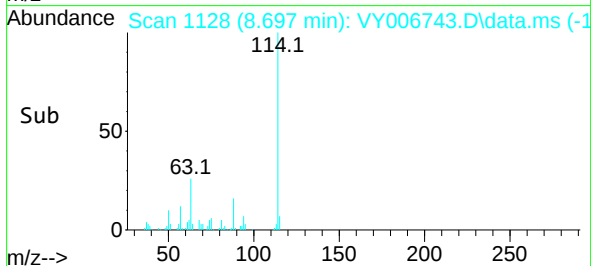
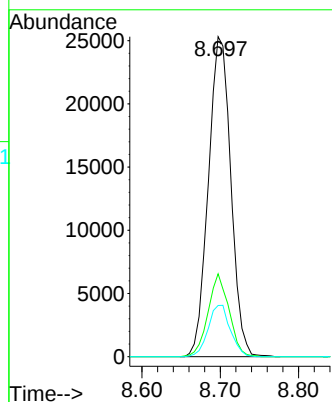
Tgt Ion:114 Resp: 50409

Ion Ratio Lower Upper

114 100

63 25.9 0.0 45.0

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.638 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006743.D

Acq: 15 Nov 2021 20:09

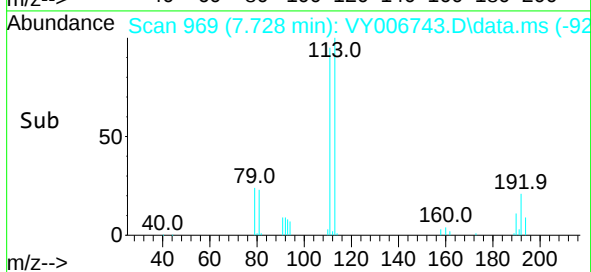
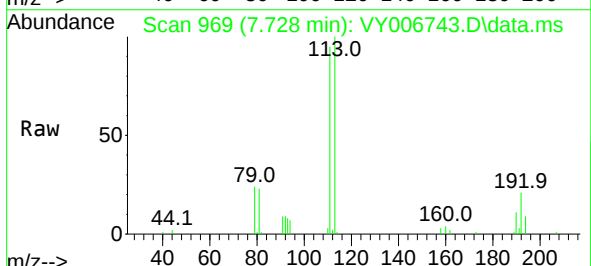
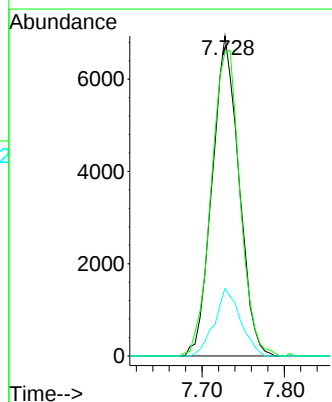
Tgt Ion:113 Resp: 15679

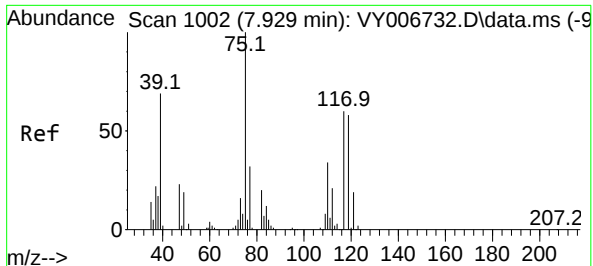
Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 20.4 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.661 ug/l

RT: 7.807 min Scan# 91

Delta R.T. -0.122 min

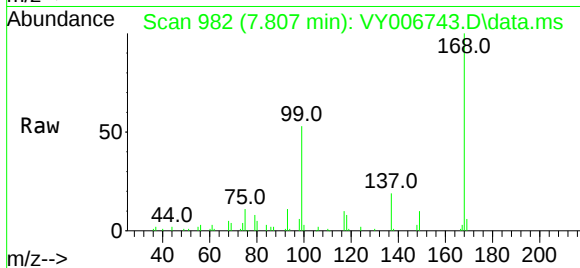
Lab File: VY006743.D

Acq: 15 Nov 2021 20:09

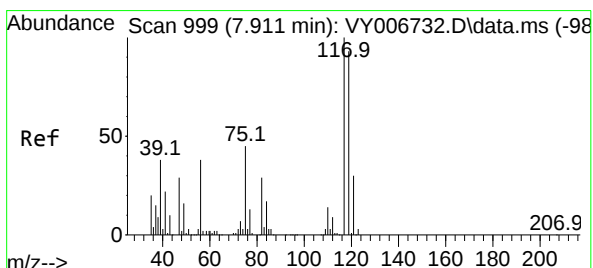
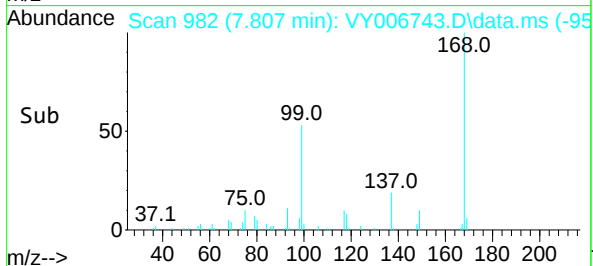
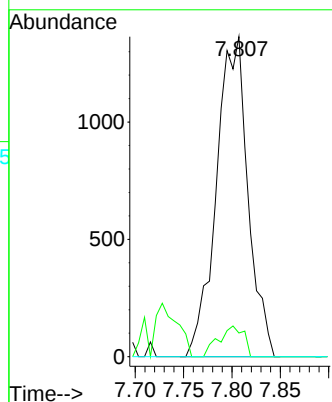
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 3102
Ion Ratio	Lower Upper
75	100
110	7.6 17.1 51.3#
77	0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.847 ug/l

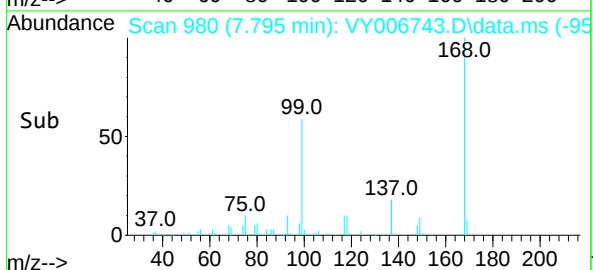
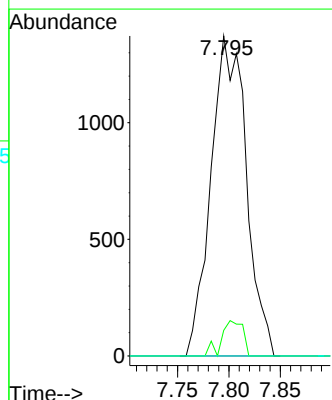
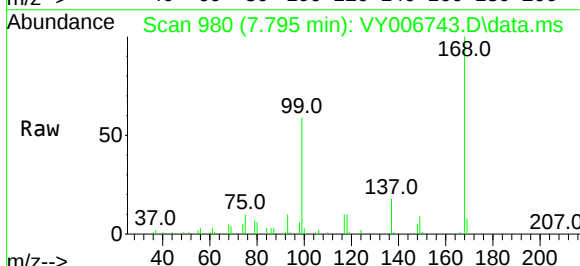
RT: 7.795 min Scan# 980

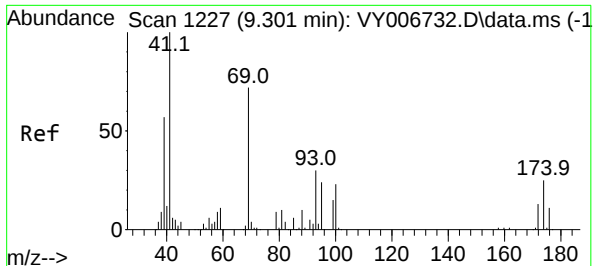
Delta R.T. -0.116 min

Lab File: VY006743.D

Acq: 15 Nov 2021 20:09

Tgt Ion: 117	Resp: 3277
Ion Ratio	Lower Upper
117	100
119	8.0 76.6 115.0#
121	0.0 24.7 37.1#





#48

Methyl methacrylate

Concen: 2.101 ug/l

RT: 9.081 min Scan# 1191

Delta R.T. -0.220 min

Lab File: VY006743.D

Acq: 15 Nov 2021 20:09

Instrument :

MSVOA_Y

ClientSampleId :

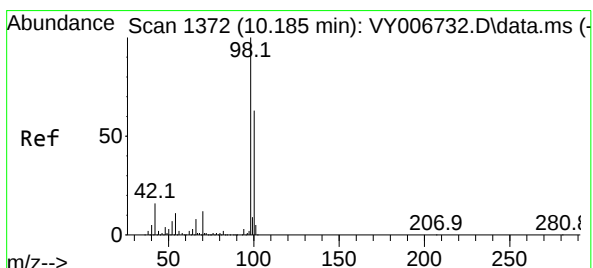
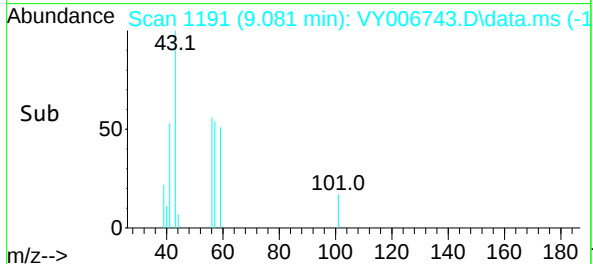
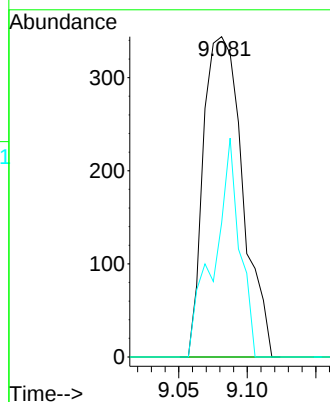
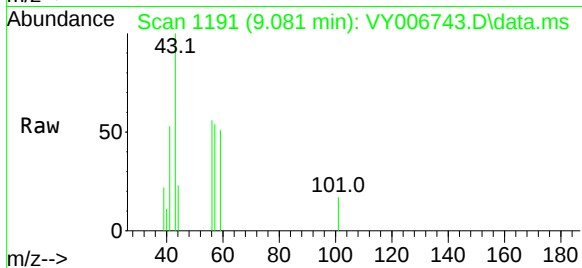
Tgt Ion: 41 Resp: 684

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

39 44.9 48.2 72.2#



#50

Toluene-d8

Concen: 48.002 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY006743.D

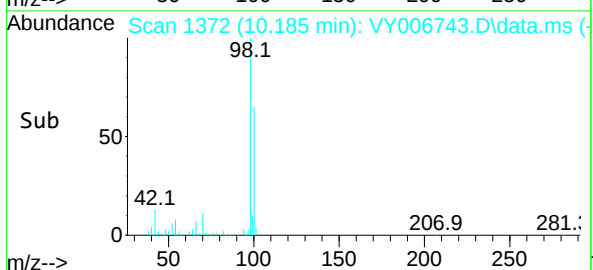
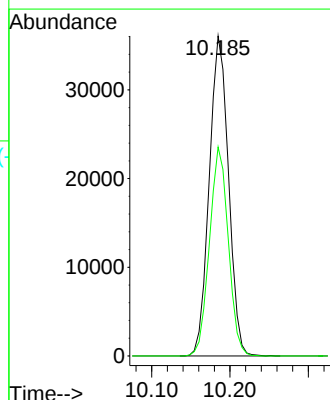
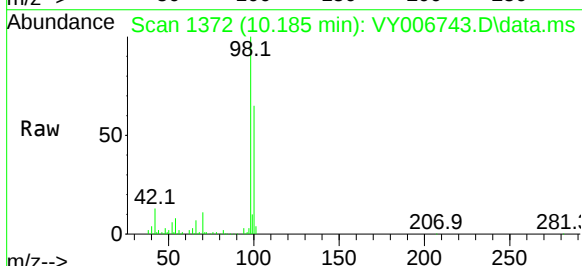
Acq: 15 Nov 2021 20:09

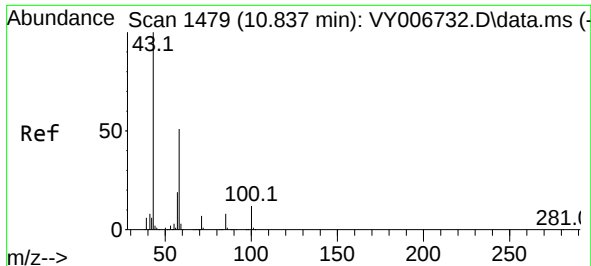
Tgt Ion: 98 Resp: 61505

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3

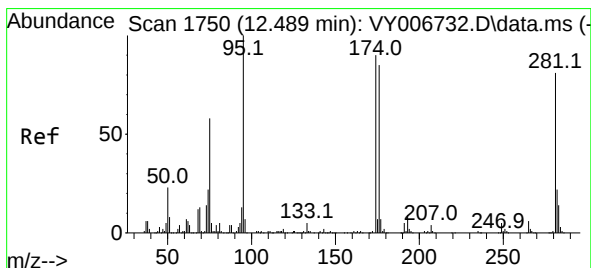
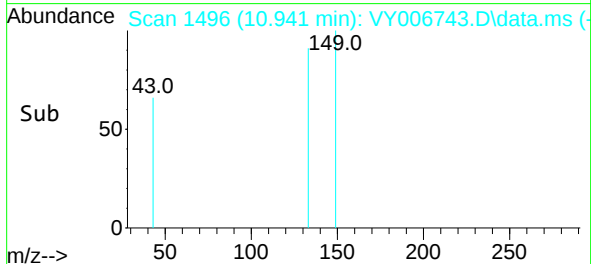
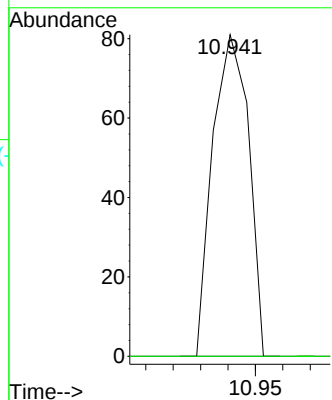
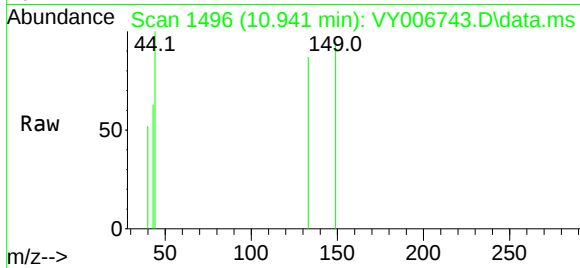




#59
2-Hexanone
Concen: 24.068 ug/l
RT: 10.941 min Scan# 1479
Delta R.T. 0.104 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

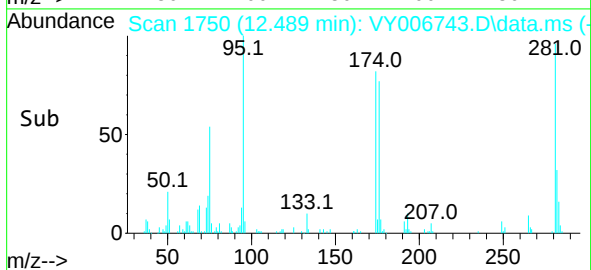
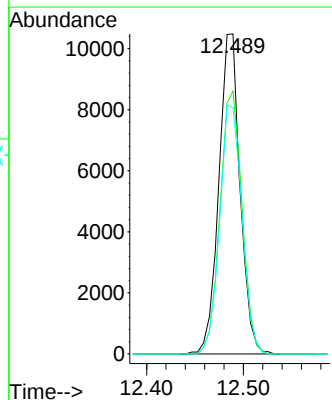
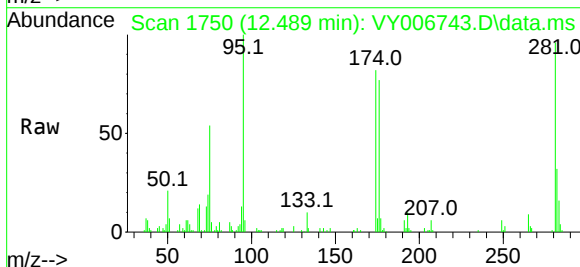
Instrument :
MSVOA_Y
ClientSampleId :

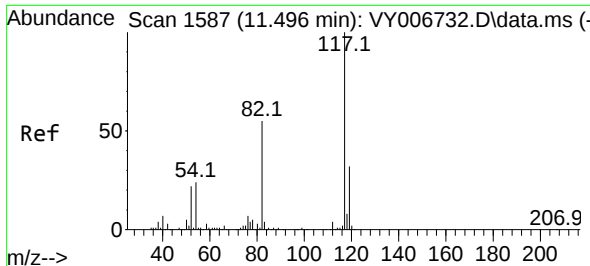
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 36.928 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

Tgt Ion: 95 Resp: 15951
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.4 0.0 169.4

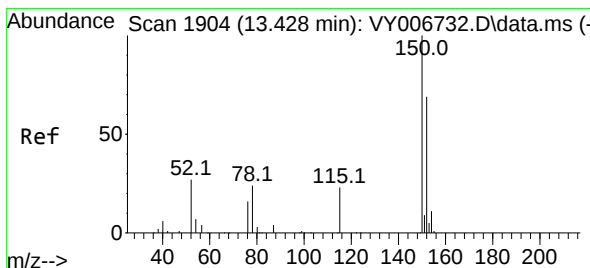
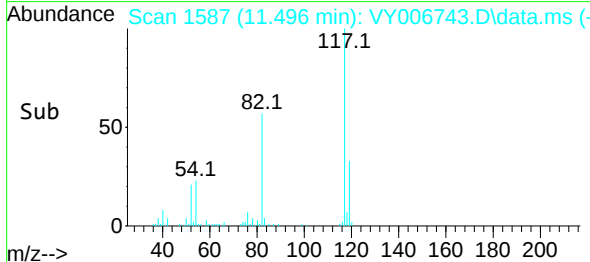
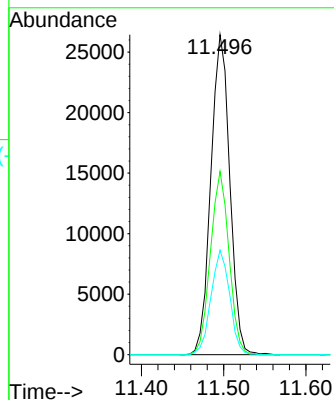
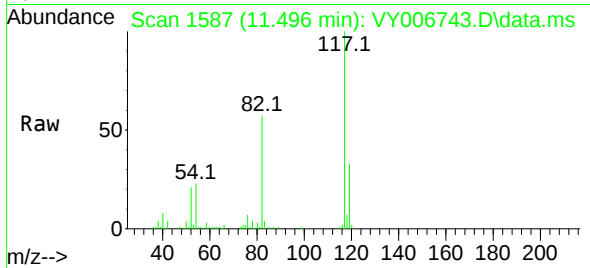




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

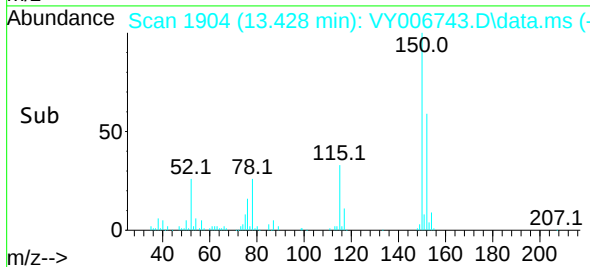
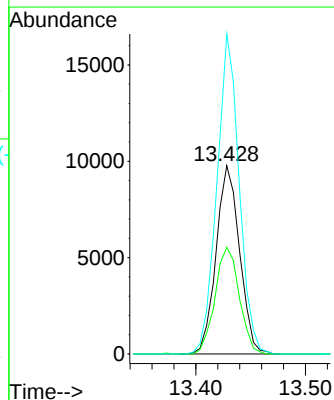
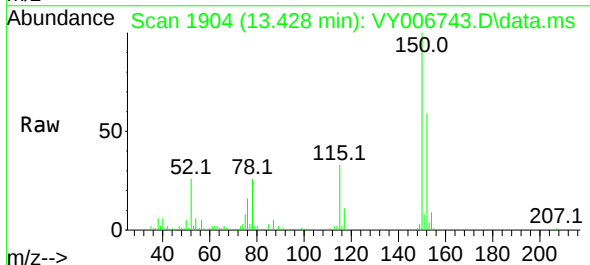
Instrument :
MSVOA_Y
ClientSampleId :

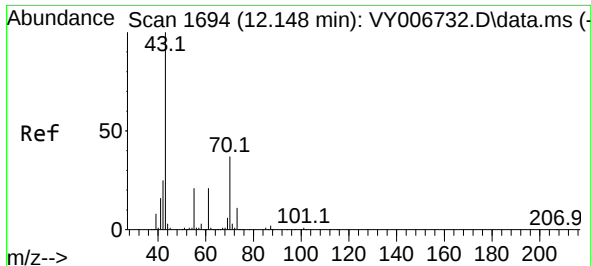
Tgt Ion:117 Resp: 42337
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

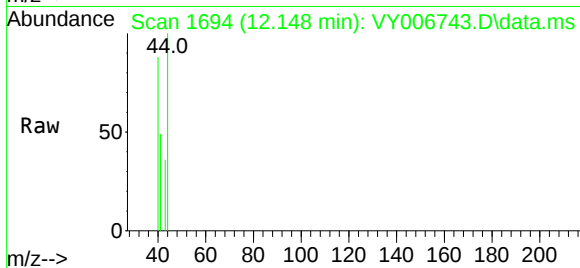
Tgt Ion:152 Resp: 14536
Ion Ratio Lower Upper
152 100
115 58.3 28.5 85.5
150 161.4 0.0 348.2



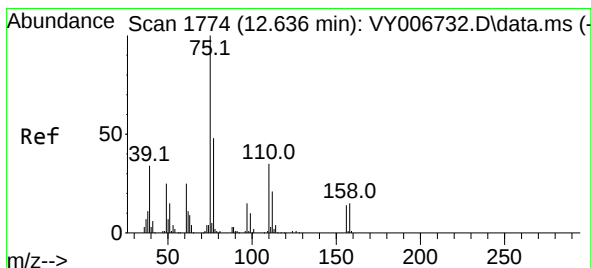
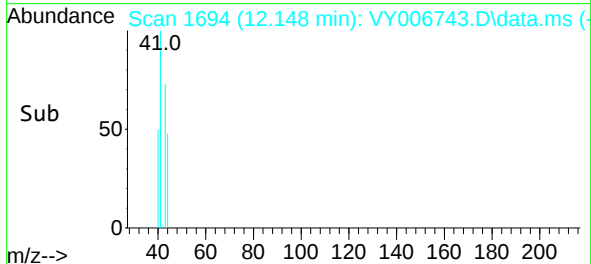
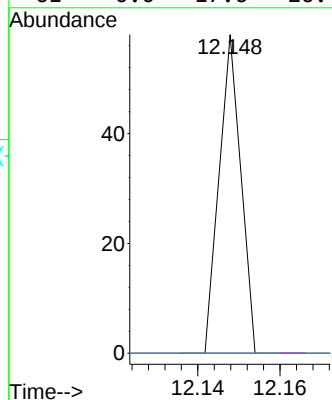


#74
N-amy1 acetate
Concen: 3.204 ug/l
RT: 12.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

Instrument :
MSVOA_Y
ClientSampleId :

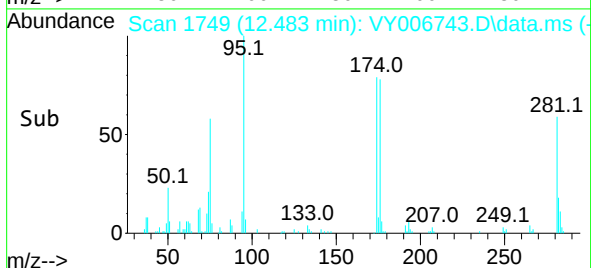
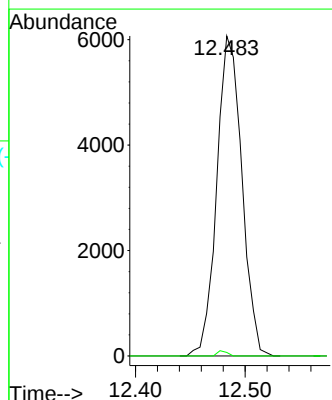
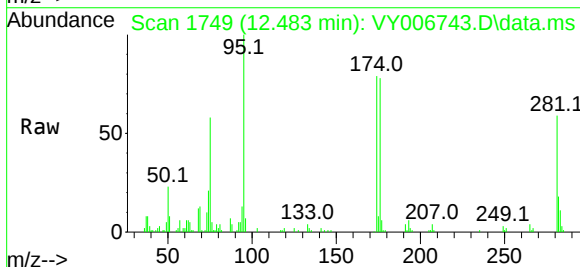


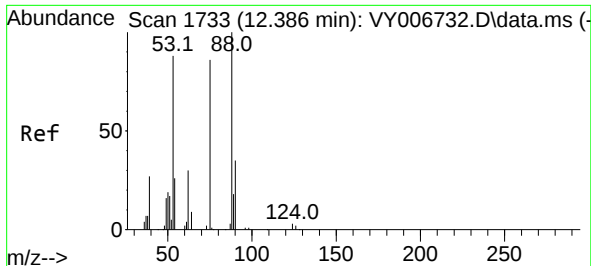
Tgt Ion: 43	Resp: 21
Ion Ratio	Lower Upper
43 100	
70 0.0	29.4 44.0#
55 0.0	18.1 27.1#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 60.992 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

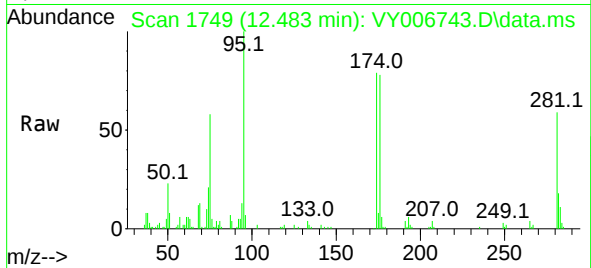
Tgt Ion: 75	Resp:	9639	
Ion	Ratio	Lower	Upper
75	100		
77	0.6	0.0	0.0#



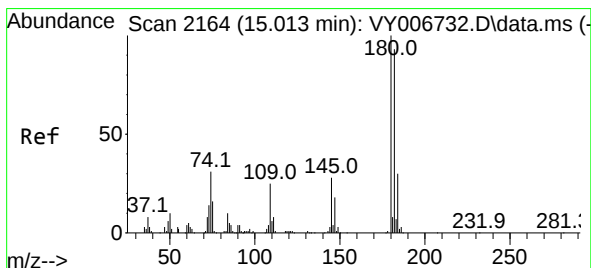
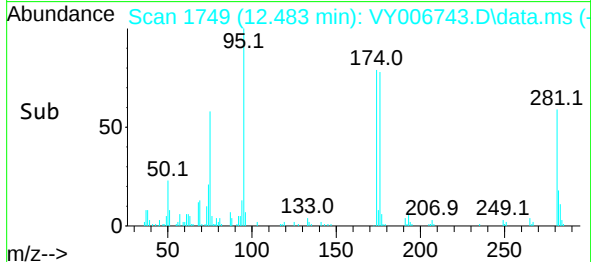
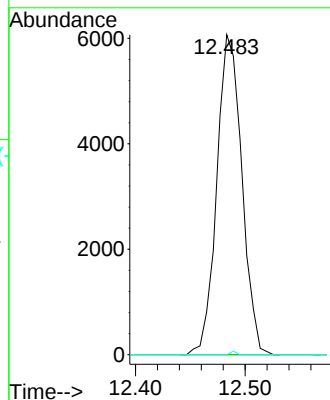


#81
trans-1,4-Dichloro-2-butene
Concen: 120.853 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

Instrument :
MSVOA_Y
ClientSampleId :

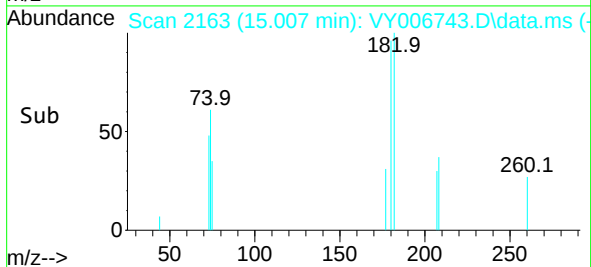
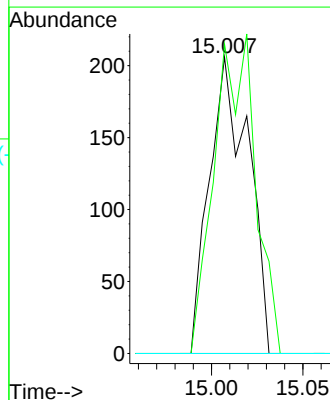
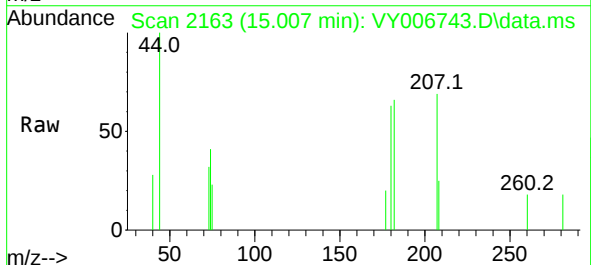


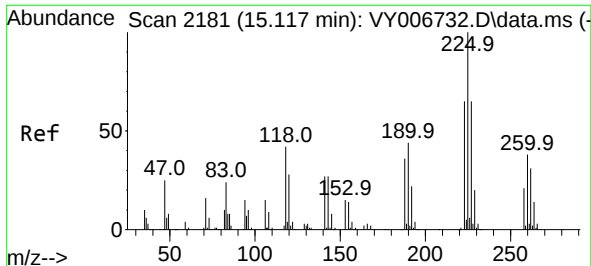
Tgt Ion: 75 Resp: 9639
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.2 39.3 58.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.081 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

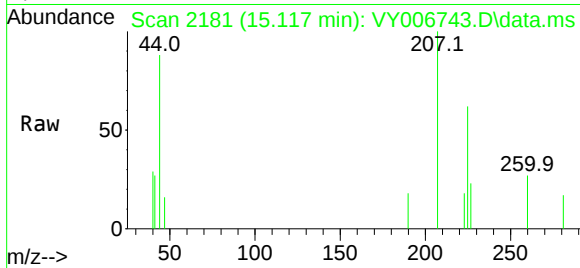
Tgt Ion: 180 Resp: 306
Ion Ratio Lower Upper
180 100
182 112.1 47.1 141.4
145 0.0 14.5 43.6#



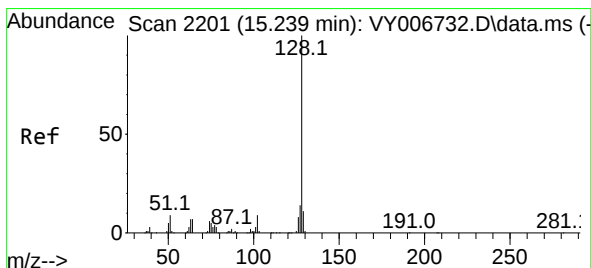
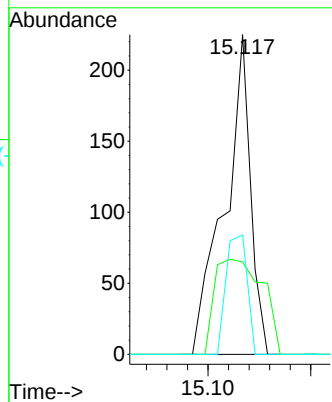
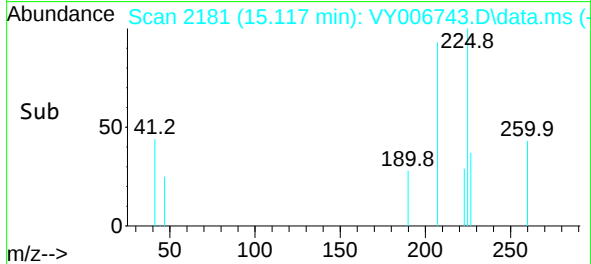


#94
Hexachlorobutadiene
Concen: 1.067 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09

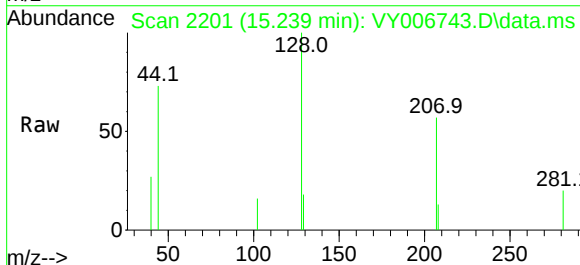
Instrument :
MSVOA_Y
ClientSampleId :



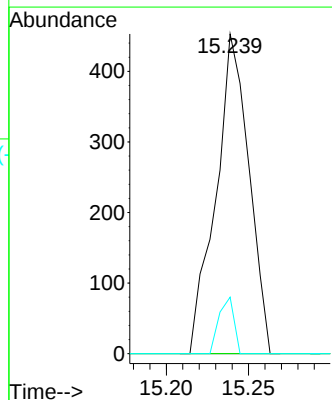
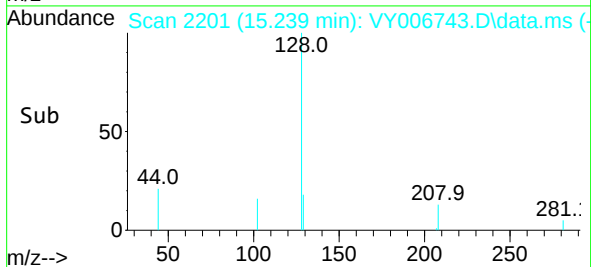
Tgt Ion:225 Resp: 197
Ion Ratio Lower Upper
225 100
223 54.8 31.6 94.7
227 30.5 31.9 95.9#

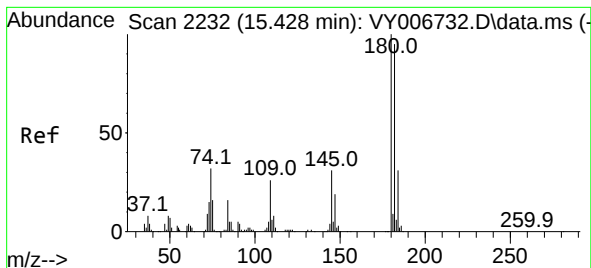


#95
Naphthalene
Concen: 1.211 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006743.D
Acq: 15 Nov 2021 20:09



Tgt Ion:128 Resp: 634
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 8.0 8.9 13.3#





#96

1,2,3-Trichlorobenzene

Concen: 1.641 ug/l

RT: 15.422 min Scan# 21

Delta R.T. -0.006 min

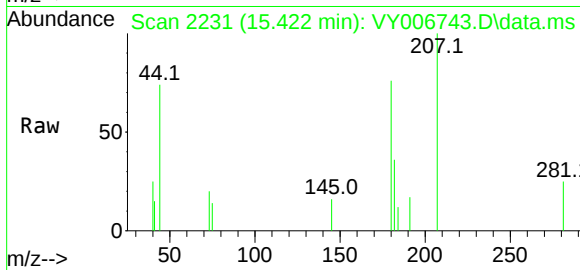
Lab File: VY006743.D

Acq: 15 Nov 2021 20:09

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	180	Resp:	387
Ion	Ratio	Lower	Upper
180	100		
182	64.3	47.8	143.4
145	14.2	15.3	45.8#

