

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000756.D
 Acq On : 20 Nov 2019 16:54
 Operator : SY/MD
 Sample : K5957-13
 Misc : 4.40G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 07:43:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	269046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	472476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	312088	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.41	152	265433	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	142708	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
35) Dibromofluoromethane	7.74	113	144218	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
50) Toluene-d8	10.19	98	1364214	129.62	ug/l	0.01
Spiked Amount			Recovery	=	259.24%	
62) 4-Bromofluorobenzene	12.46	95	6774023	1690.65	ug/l	-0.02
Spiked Amount			Recovery	=	3381.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.08	142	30	3.207	ug/l #	41
11) Tert butyl alcohol	4.95	59	544	2.007	ug/l #	72
16) Acetone	3.97	43	15219	19.832	ug/l	90
20) Methylene Chloride	4.72	84	12456	3.788	ug/l #	94
25) 2-Butanone	7.01	43	9855	8.047	ug/l	92
28) Bromochloromethane	7.25	49	30	4.104	ug/l #	14
30) Chloroform	7.53	83	12710	2.442	ug/l #	71
31) Cyclohexane	7.80	56	391407	72.624	ug/l	98
36) 1,1-Dichloropropene	7.82	75	21048	4.712	ug/l #	62
37) Ethyl Acetate	7.01	43	9855	3.716	ug/l #	54
38) Carbon Tetrachloride	7.80	117	26896	6.258	ug/l #	13
39) Methylcyclohexane	9.20	83	3621461	627.586	ug/l	100
43) Isopropyl Acetate	8.30	43	43631	8.759	ug/l #	53
44) Trichloroethene	8.96	130	15530	4.498	ug/l	94
45) 1,2-Dichloropropane	9.20	63	33483	10.389	ug/l #	1
47) Bromodichloromethane	9.48	83	36350	8.643	ug/l #	1
48) Methyl methacrylate	9.38	41	98422	45.220	ug/l #	41
51) 4-Methyl-2-Pentanone	9.99	43	3126451	1180.458	ug/l #	43
52) Toluene	10.25	92	21669	2.617	ug/l #	69
55) 1,1,2-Trichloroethane	10.63	97	3633266	1417.212	ug/l #	17
56) Ethyl methacrylate	10.53	69	1916950	527.564	ug/l #	72
59) 2-Hexanone	10.82	43	8564116	4438.082	ug/l #	29
60) Dibromochloromethane	10.73	129	83296	28.366	ug/l #	10
61) 1,2-Dibromoethane	11.10	107	3929	1.594	ug/l #	1
64) Tetrachloroethene	10.74	164	137163	53.152	ug/l	97
65) Chlorobenzene	11.43	112	174249	27.538	ug/l #	55
67) Ethyl Benzene	11.73	91	2311017	198.449	ug/l #	75
68) m/p-Xylenes	11.73	106	882635	195.826	ug/l #	55
69) o-Xylene	12.06	106	662352	156.362	ug/l	41
70) Styrene	12.06	104	40446	5.576	ug/l #	1
73) Isopropylbenzene	12.36	105	15582986	794.338	ug/l	96
74) N-amyl acetate	12.16	43	10073375	1792.918	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.58	83	1426109	367.148	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	19299	6.385	ug/l #	100

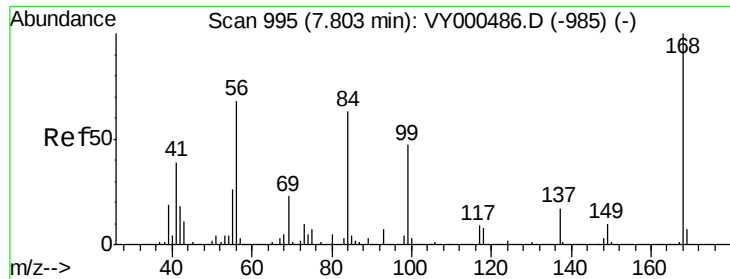
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
77) Bromobenzene	12.60	156	23334	5.245	ug/l #		1
78) n-propylbenzene	12.68	91	21492424	907.997	ug/l #		73
79) 2-Chlorotoluene	12.75	91	5876612	447.208	ug/l #		40
80) 1,3,5-Trimethylbenzene	12.82	105	21169523	1295.686	ug/l		76
81) trans-1,4-Dichloro-2-buten	12.35	75	223666	165.929	ug/l #		1
82) 4-Chlorotoluene	12.83	91	3244973	238.227	ug/l #		55
83) tert-Butylbenzene	13.08	119	1311851	94.037	ug/l		82
84) 1,2,4-Trimethylbenzene	12.99	105	3844978	236.359	ug/l		76
85) sec-Butylbenzene	13.26	105	7477467	376.219	ug/l #		64
86) p-Isopropyltoluene	13.38	119	4263649	240.695	ug/l		98
89) n-Butylbenzene	13.70	91	3752428	214.777	ug/l #		71
90) Hexachloroethane	13.97	117	231880	70.808	ug/l #		14
92) 1,2-Dibromo-3-Chloropropan	14.38	75	2033	2.957	ug/l #		2
95) Naphthalene	15.23	128	179679	15.036	ug/l		99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

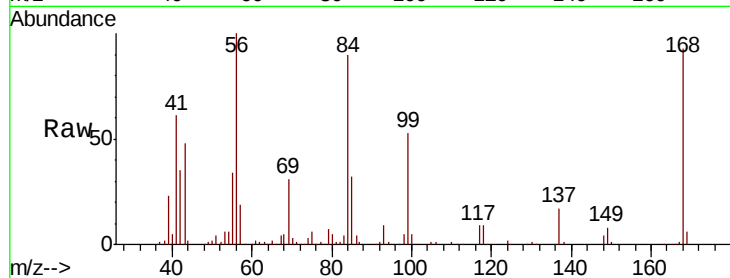
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 269046

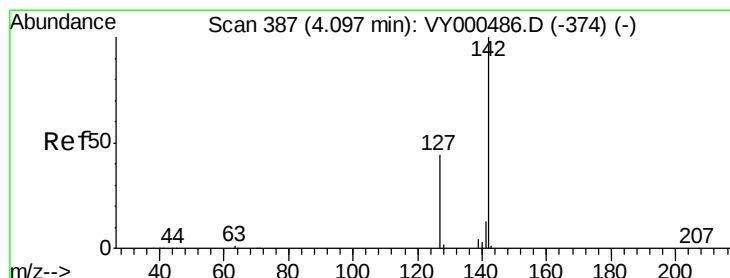
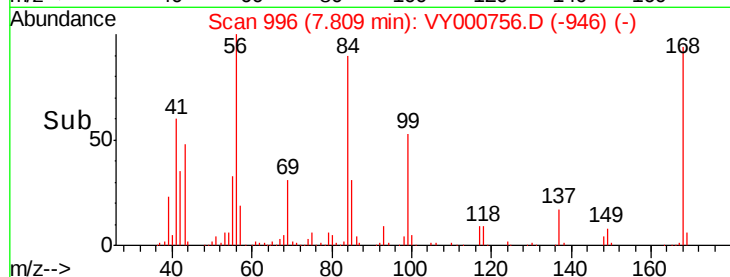
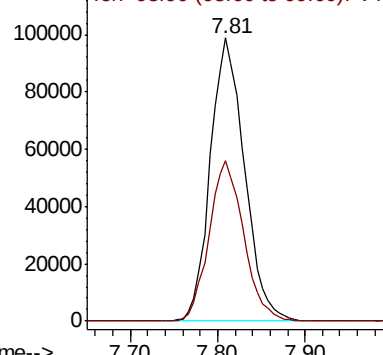
Ion Ratio Lower Upper

168 100

99 56.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 3.207 ug/l

RT: 4.08 min Scan# 384

Delta R.T. -0.02 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

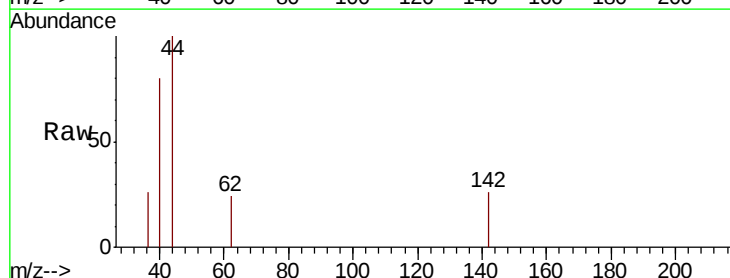
Tgt Ion:142 Resp: 30

Ion Ratio Lower Upper

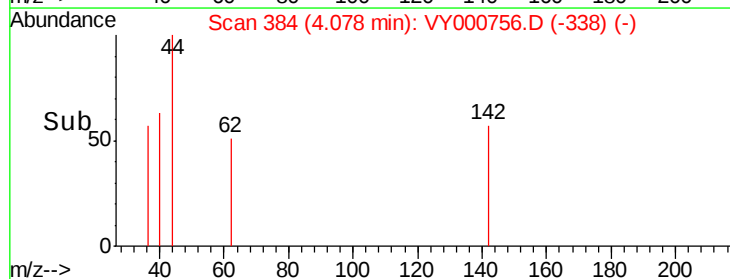
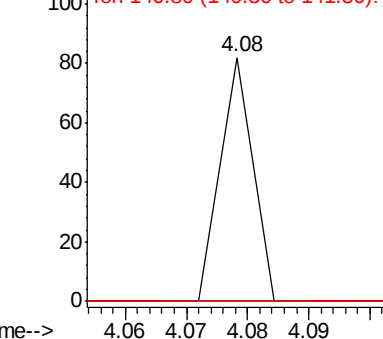
142 100

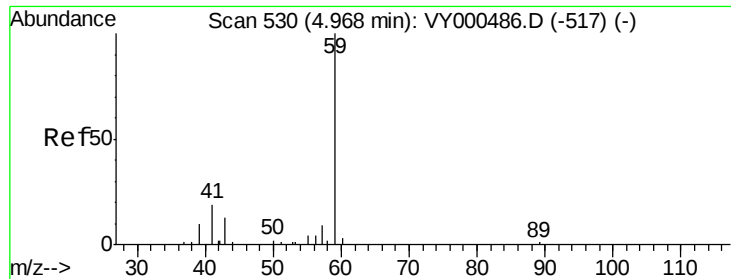
127 0.0 33.7 50.5#

141 0.0 10.9 16.3#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

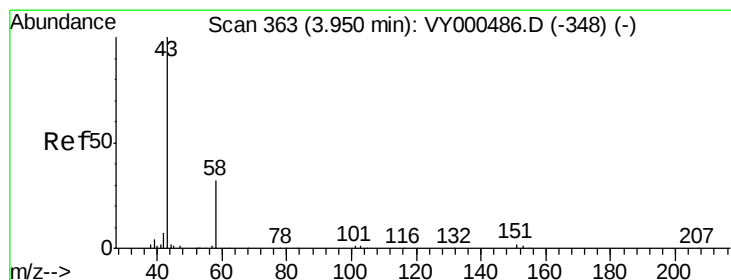
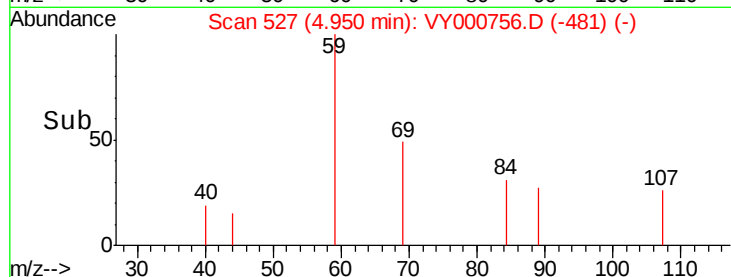
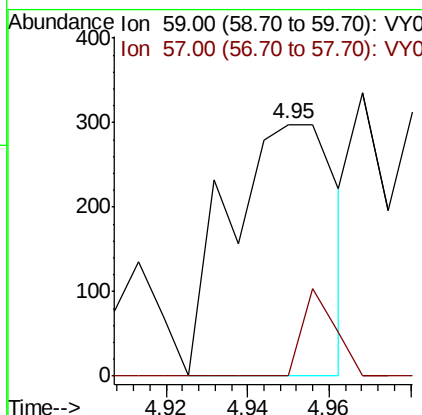
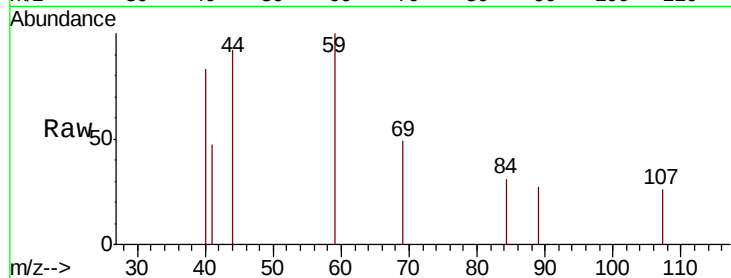




#11
Tert butyl alcohol
Concen: 2.007 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.02 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

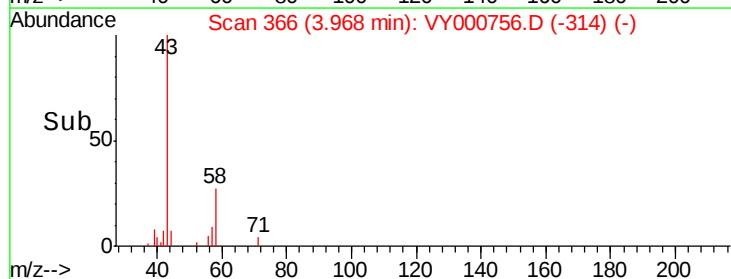
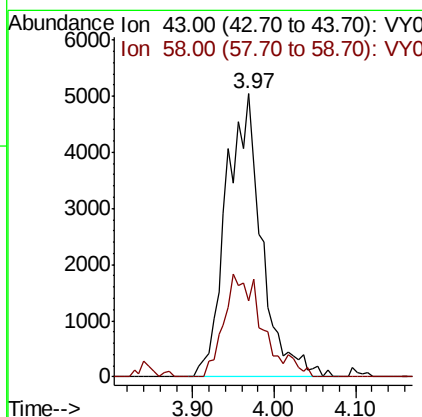
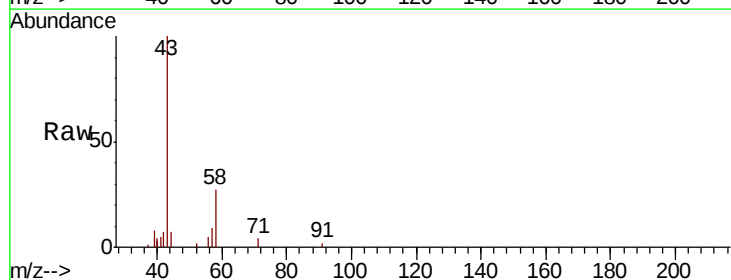
Instrument :
MSVOA_Y
ClientSampleId :

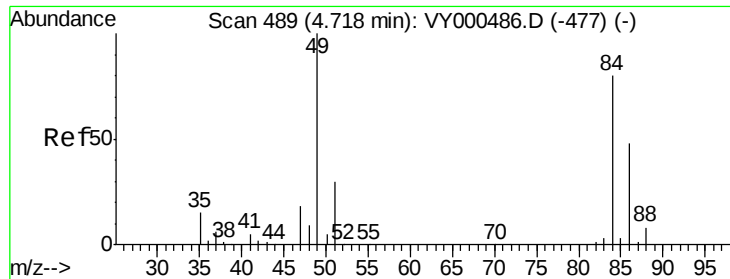
Tot Ion: 59 Resp: 544
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 19.832 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.02 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion: 43 Resp: 15219
Ion Ratio Lower Upper
43 100
58 26.7 25.8 38.6

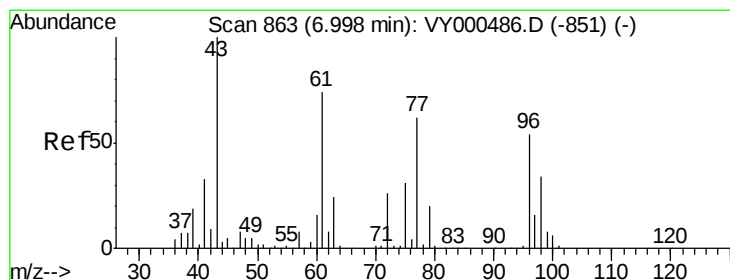
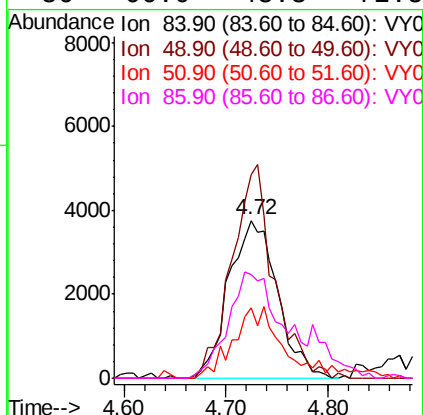
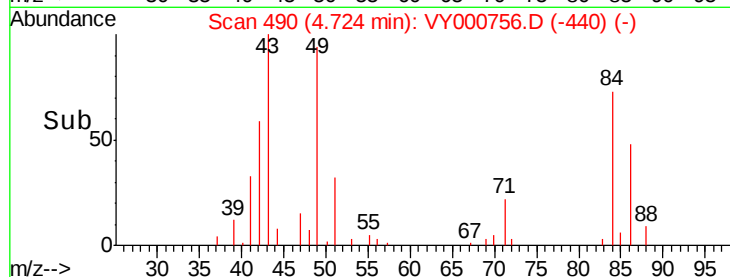
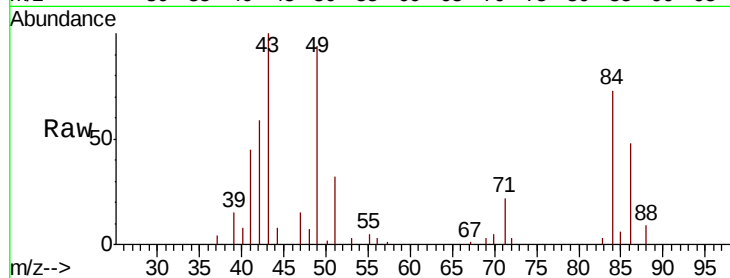




#20
Methvlene Chloride
Concen: 3.788 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

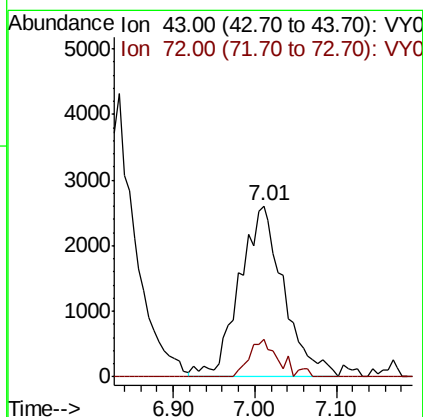
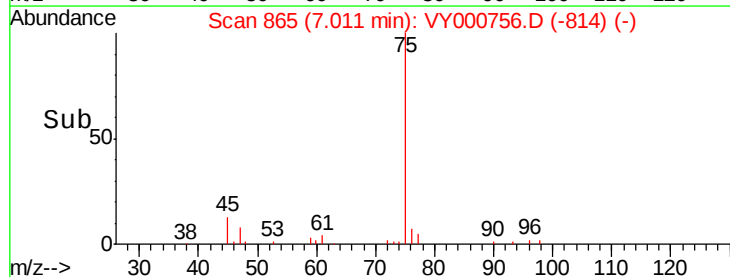
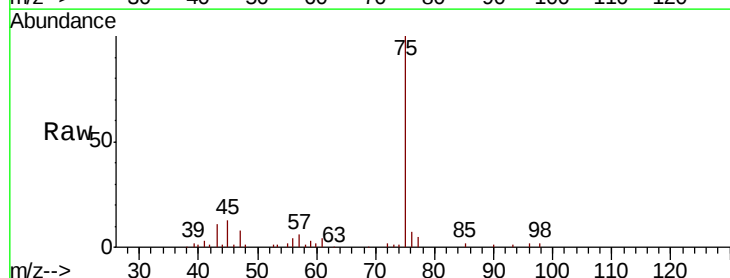
Instrument :
MSVOA_Y
ClientSampleId :

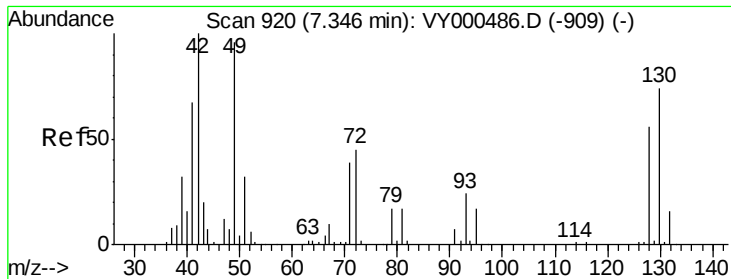
Tot Ion: 84 Resp: 12456
Ion Ratio Lower Upper
84 100
49 129.2 100.2 150.4
51 44.5 29.6 44.4#
86 66.0 48.3 72.5



#25
2-Butanone
Concen: 8.047 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion: 43 Resp: 9855
Ion Ratio Lower Upper
43 100
72 22.0 20.9 31.3





#28

Bromochloromethane

Concen: 4.104 ug/l

RT: 7.25 min Scan# 904

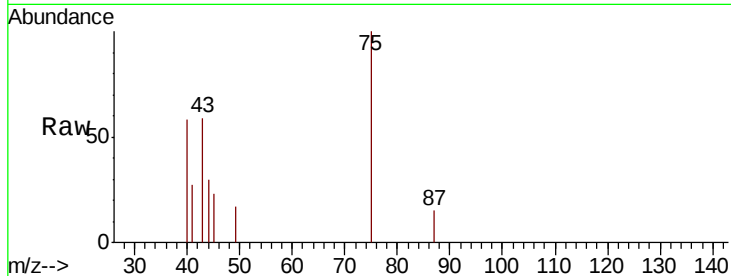
Delta R.T. -0.10 min

Lab File: VY000756.D

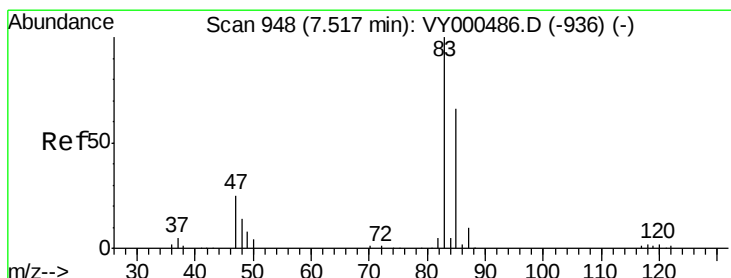
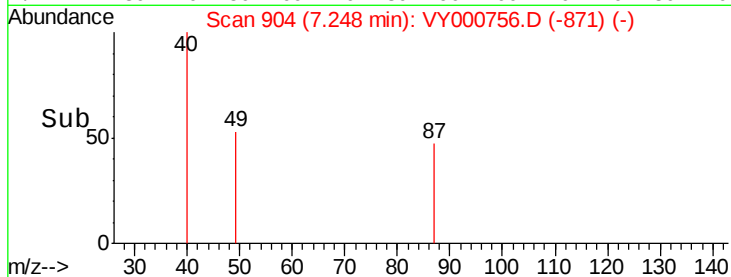
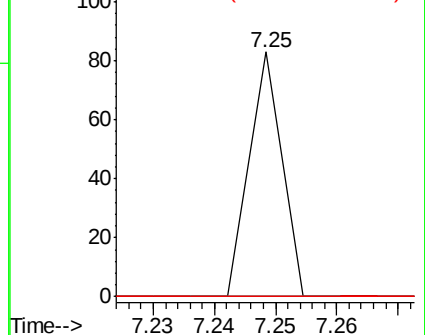
Acq: 20 Nov 2019 16:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 49 Resp: 30
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0



#30

Chloroform

Concen: 2.442 ug/l

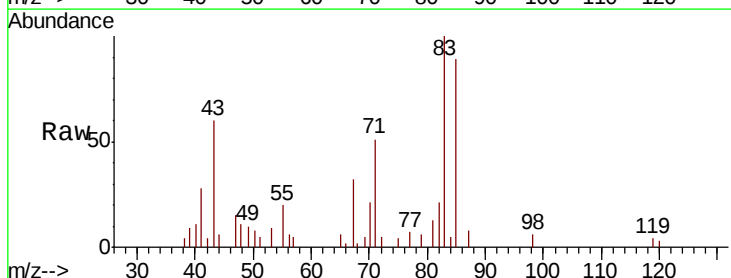
RT: 7.53 min Scan# 950

Delta R.T. 0.01 min

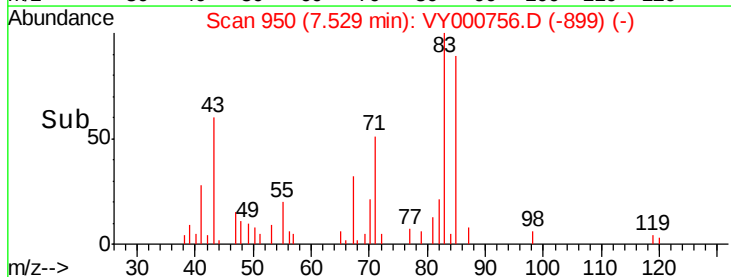
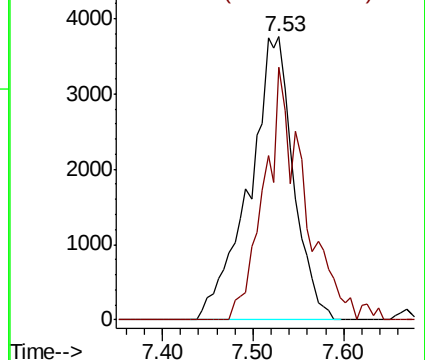
Lab File: VY000756.D

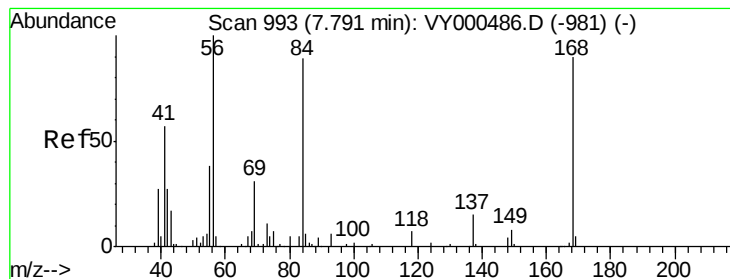
Acq: 20 Nov 2019 16:54

Tgt Ion: 83 Resp: 12710
Ion Ratio Lower Upper
83 100
85 89.3 53.0 79.4#



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 72.624 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

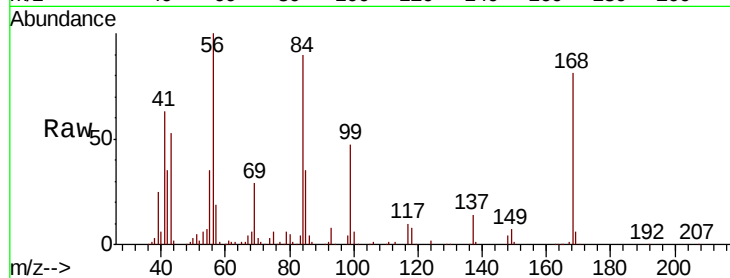
Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 391407

Ion	Ratio	Lower	Upper
56	100		
69	28.9	25.0	37.6
84	89.8	71.4	107.2

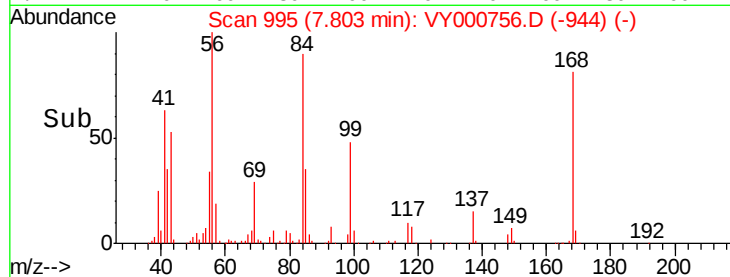


Abundance

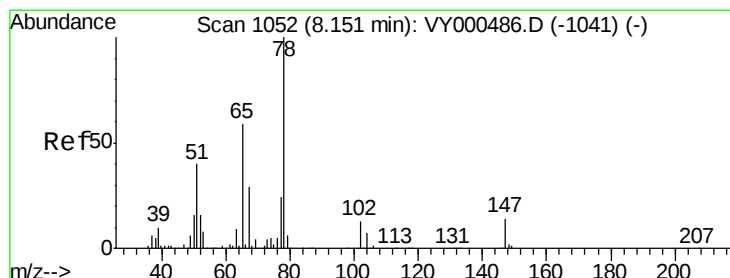
Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.255 ug/l

RT: 8.16 min Scan# 1053

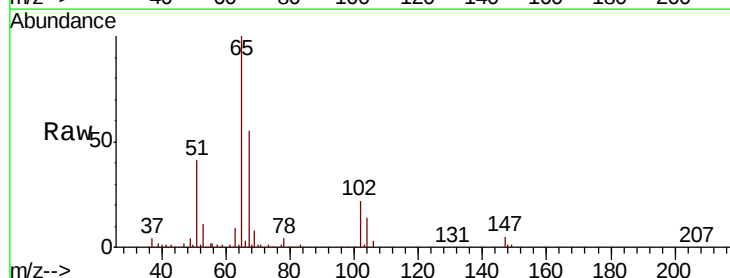
Delta R.T. 0.01 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

Tgt Ion: 65 Resp: 142708

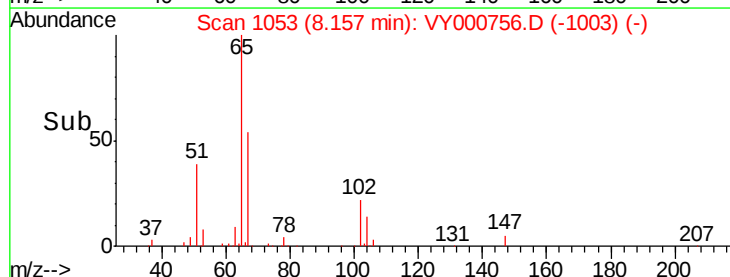
Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	107.2



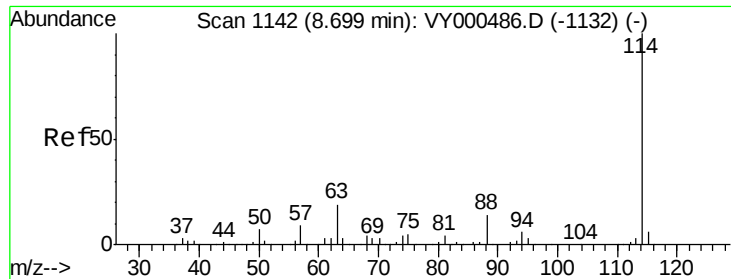
Abundance

Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



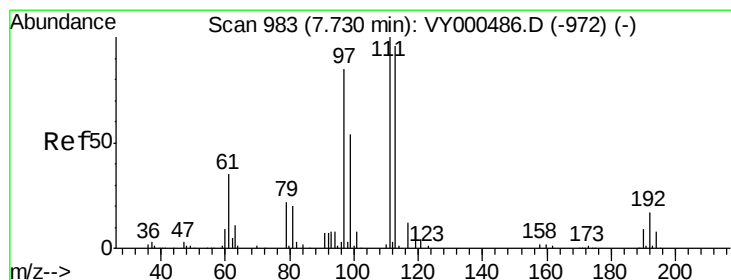
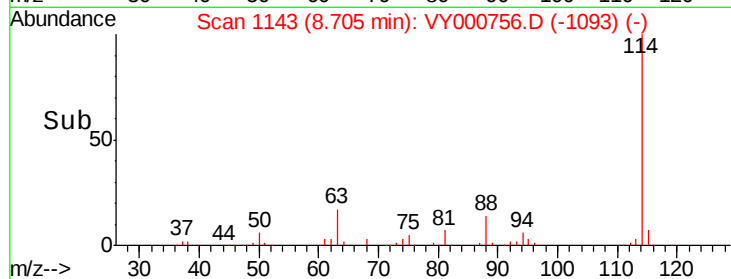
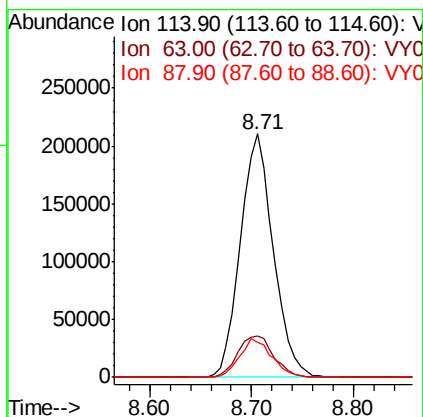
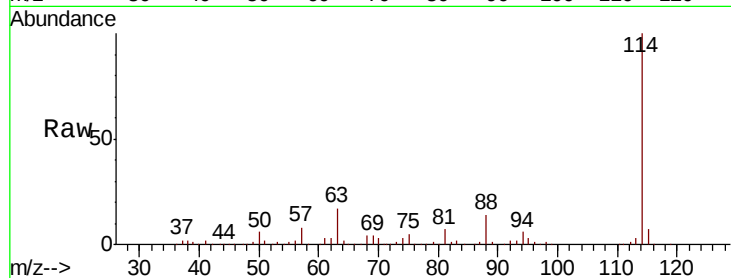
Time-->



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

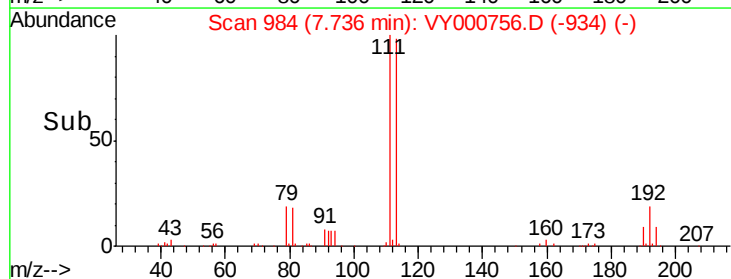
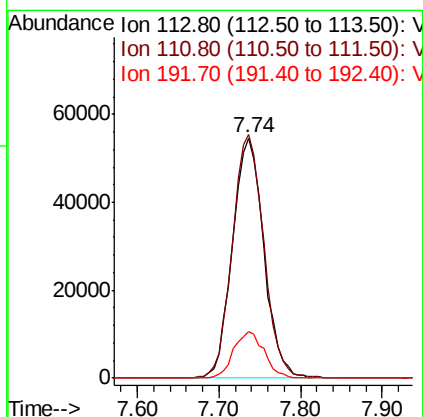
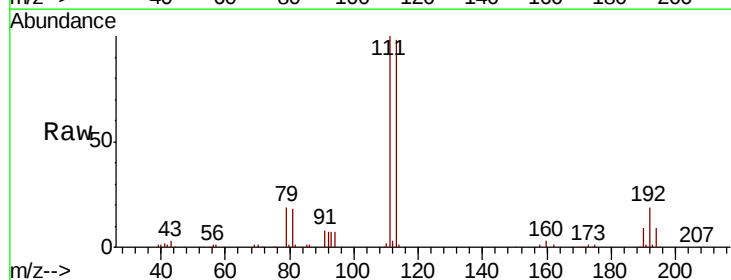
Instrument :
 MSVOA_Y
 ClientSampled :

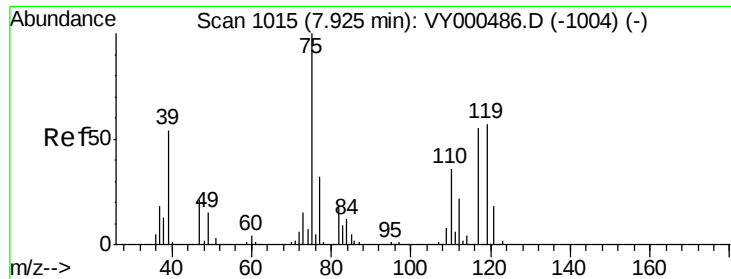
Tot Ion:114 Resp: 472476
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 38.0
 88 14.5 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 51.994 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

Tgt Ion:113 Resp: 144218
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 19.0 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.712 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.11 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

Instrument :
MSVOA_Y
ClientSampled :

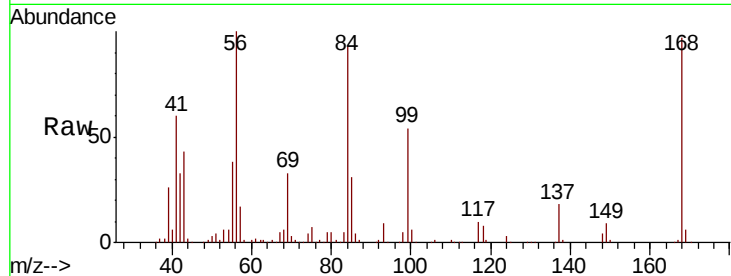
Tot Ion: 75 Resp: 21048

Ion Ratio Lower Upper

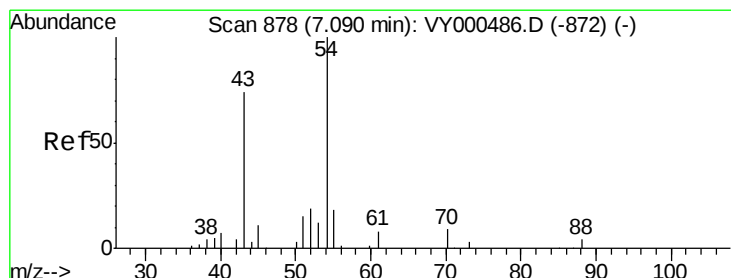
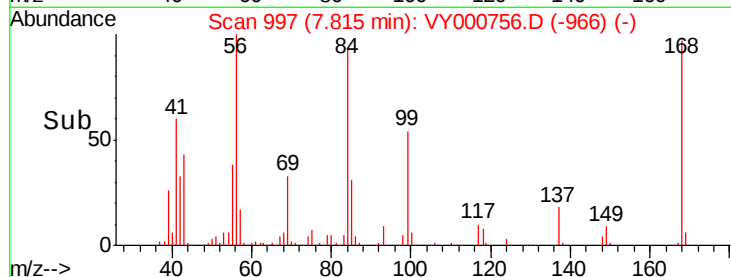
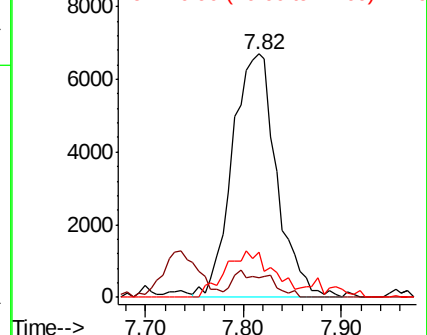
75 100

110 4.2 18.1 54.1#

77 20.9 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): VY0
Ion 76.90 (76.60 to 77.60): VY0



#37

Ethyl Acetate

Concen: 3.716 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.08 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

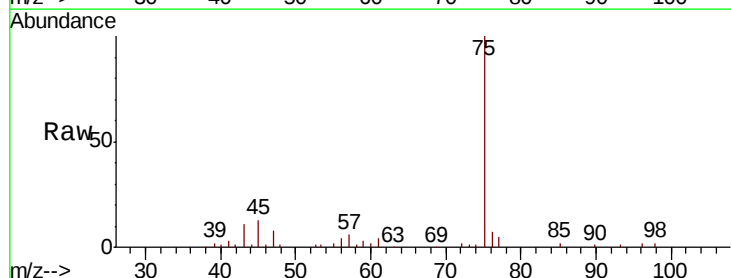
Tgt Ion: 43 Resp: 9855

Ion Ratio Lower Upper

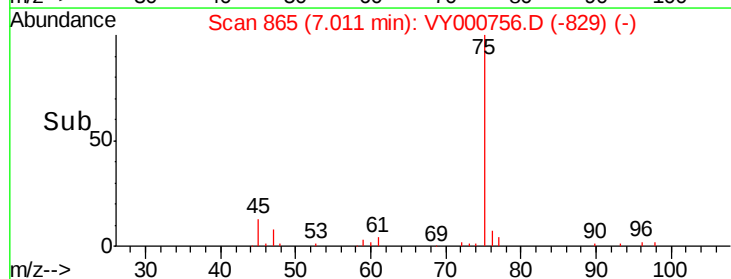
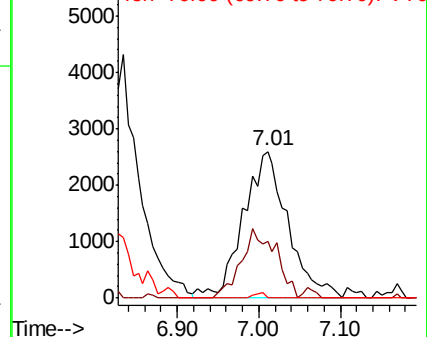
43 100

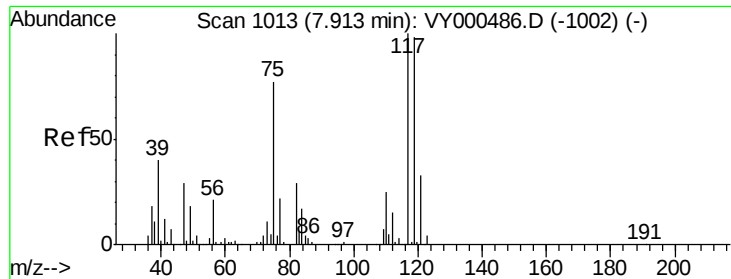
61 37.2 10.2 15.2#

70 0.9 7.8 11.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

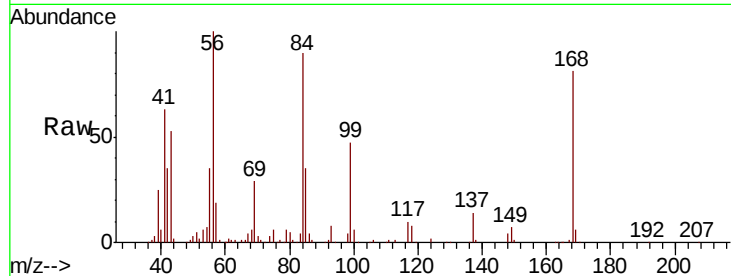




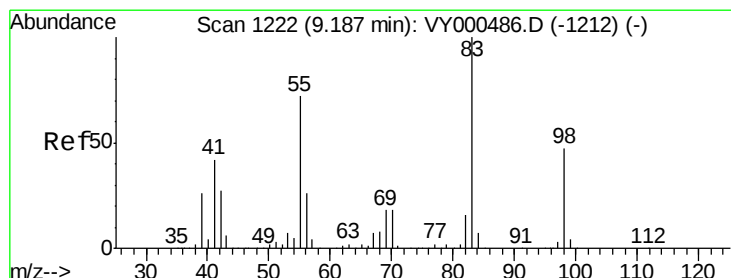
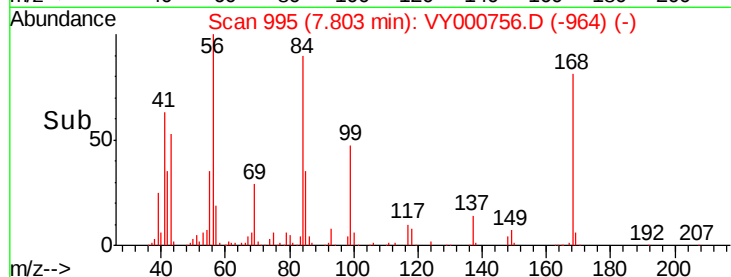
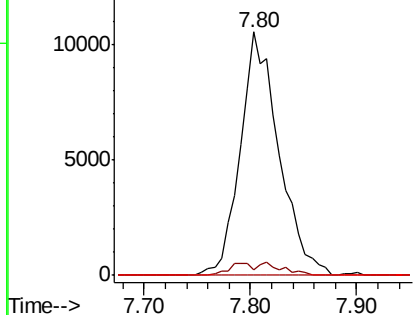
#38
Carbon Tetrachloride
Concen: 6.258 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 26896
Ion Ratio Lower Upper
117 100
119 2.4 78.0 117.0#
121 0.0 26.6 40.0#

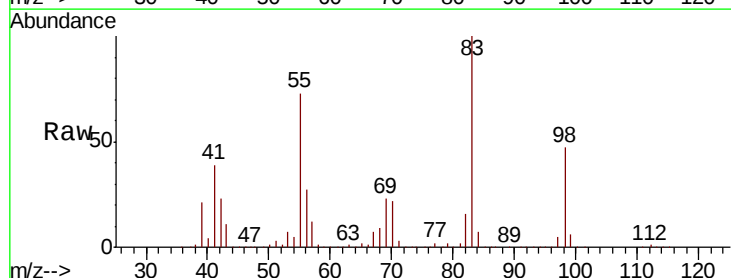


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

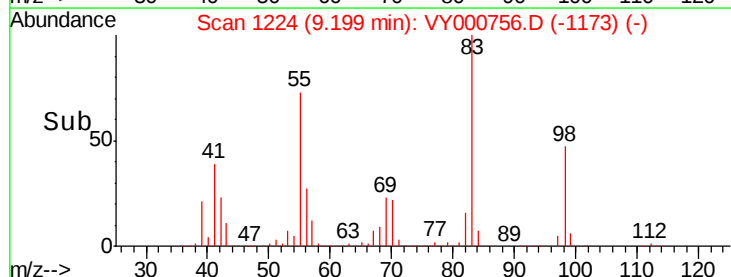
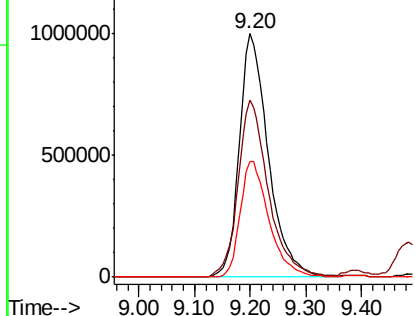


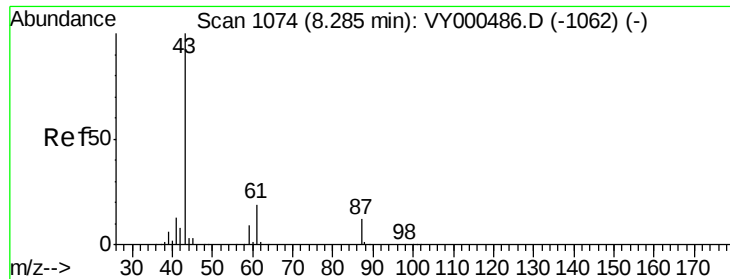
#39
Methylcyclohexane
Concen: 627.586 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion: 83 Resp: 3621461
Ion Ratio Lower Upper
83 100
55 72.5 57.5 86.3
98 47.4 38.0 57.0



Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0





#43

Isopropyl Acetate

Concen: 8.759 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

Instrument :

MSVOA_Y

ClientSampled :

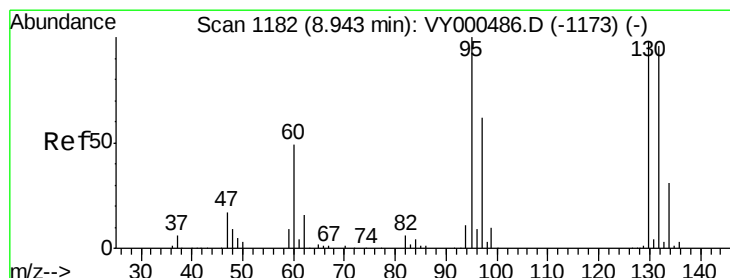
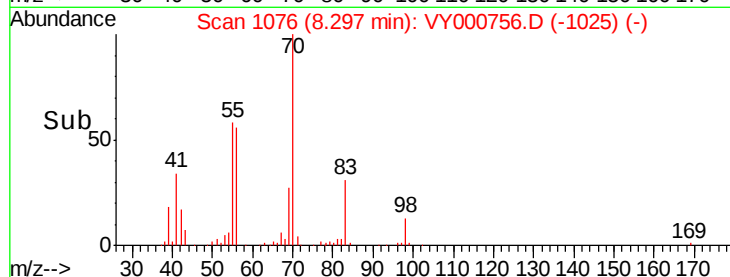
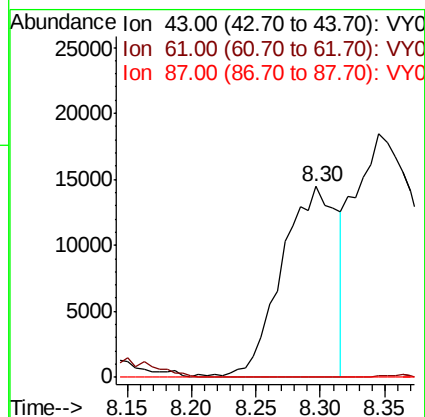
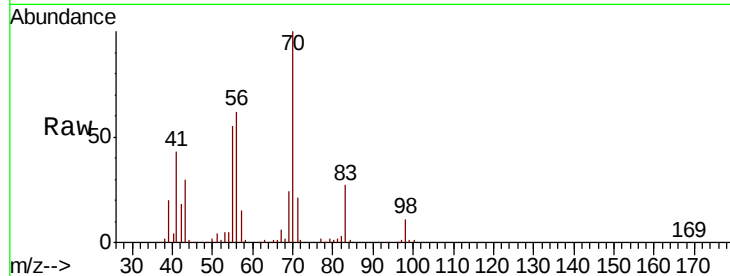
Tot Ion: 43 Resp: 43631

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.4#

87 0.0 10.5 15.7#



#44

Trichloroethene

Concen: 4.498 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY000756.D

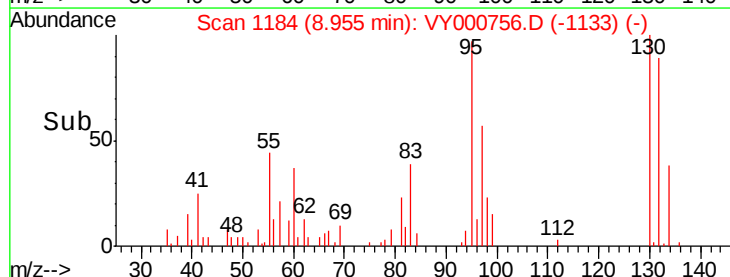
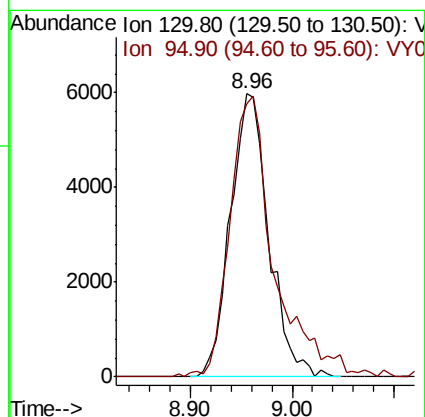
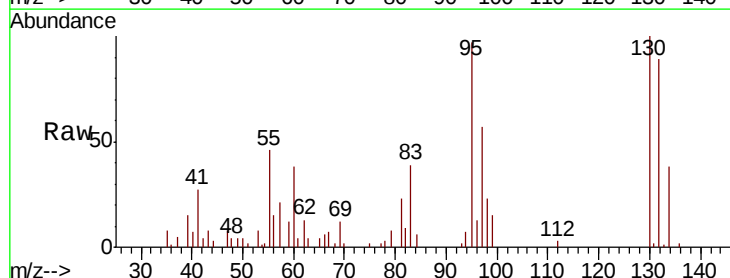
Acq: 20 Nov 2019 16:54

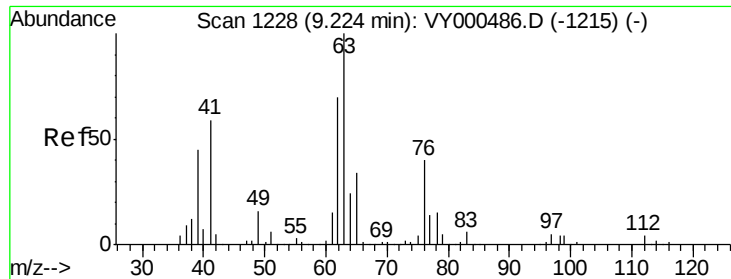
Tgt Ion:130 Resp: 15530

Ion Ratio Lower Upper

130 100

95 95.2 0.0 203.2

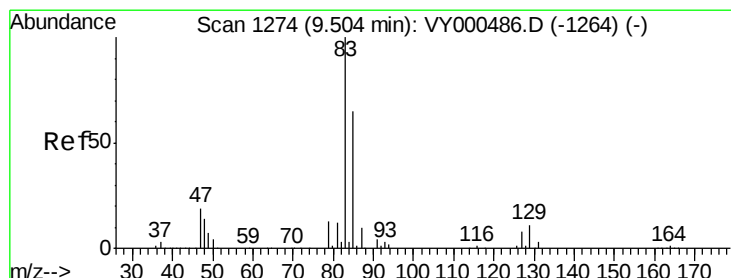
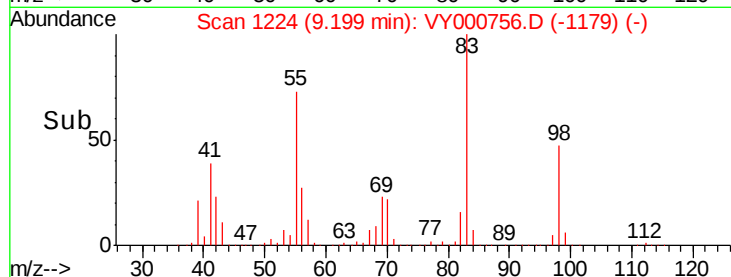
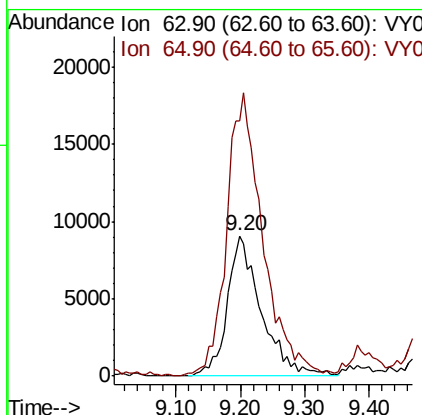
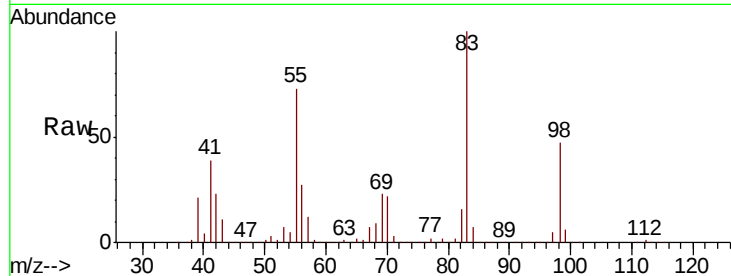




#45
 1,2-Dichloropropane
 Concen: 10.389 ug/l
 RT: 9.20 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

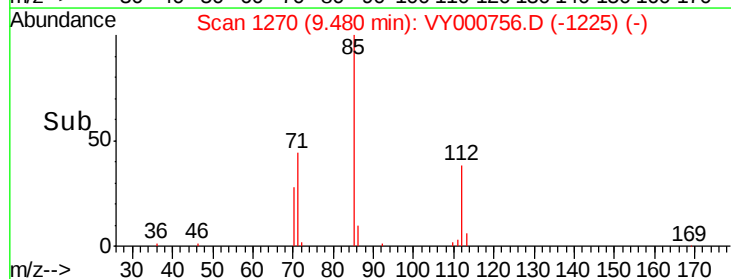
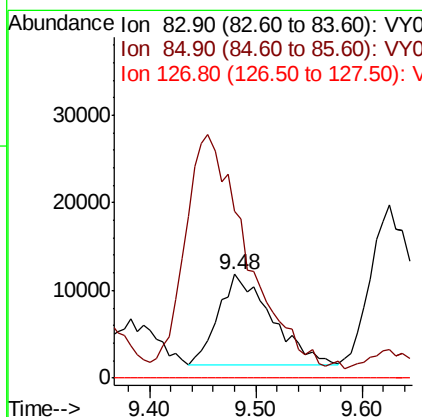
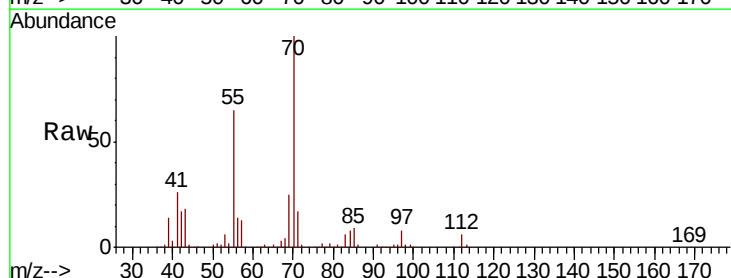
Instrument :
 MSVOA_Y
 ClientSampled :

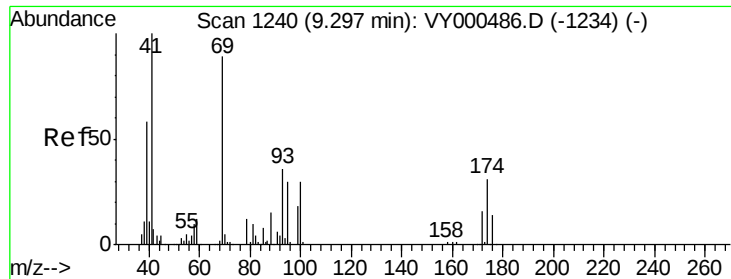
Tot Ion: 63 Resp: 33483
 Ion Ratio Lower Upper
 63 100
 65 179.3 27.0 40.4#



#47
 Bromodichloromethane
 Concen: 8.643 ug/l
 RT: 9.48 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

Tgt Ion: 83 Resp: 36350
 Ion Ratio Lower Upper
 83 100
 85 164.5 51.8 77.8#
 127 0.0 6.7 10.1#

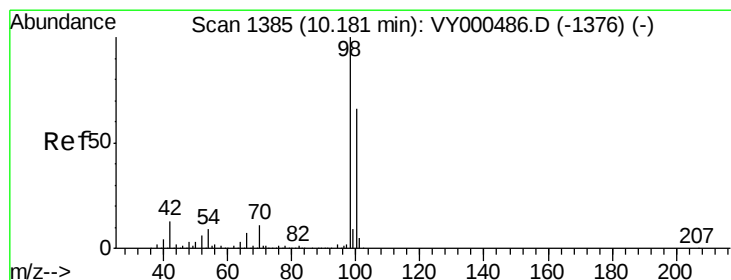
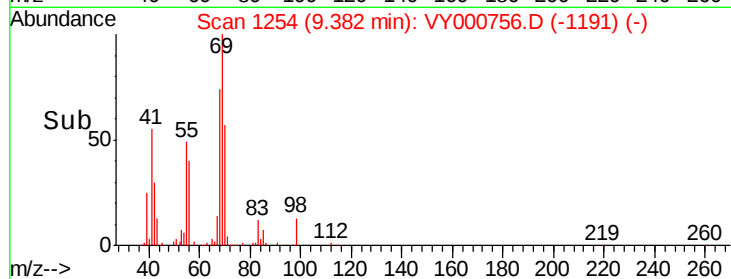
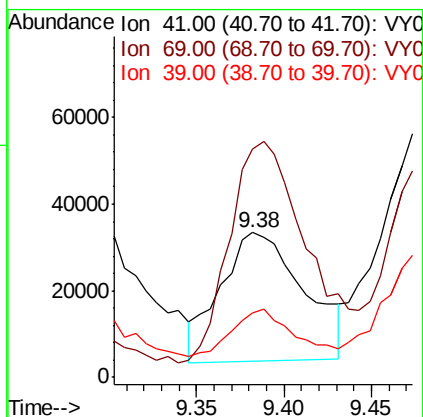
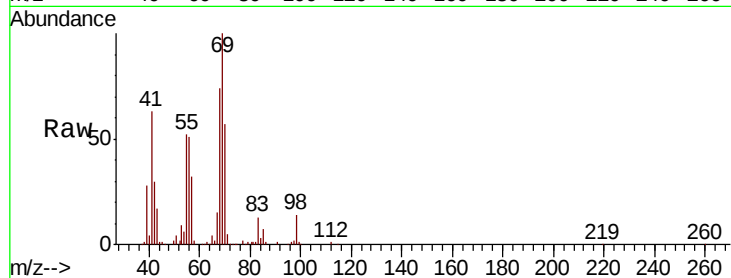




#48
Methvl methacrylate
Concen: 45.220 ug/l
RT: 9.38 min Scan# 1254
Delta R.T. 0.09 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

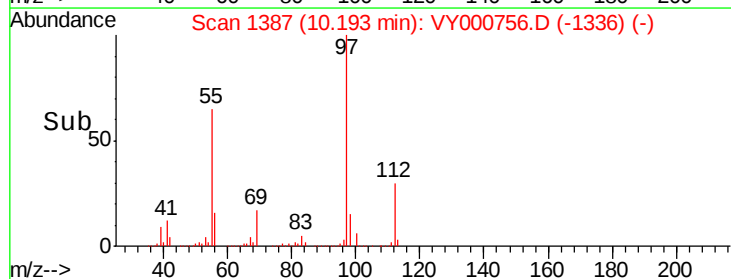
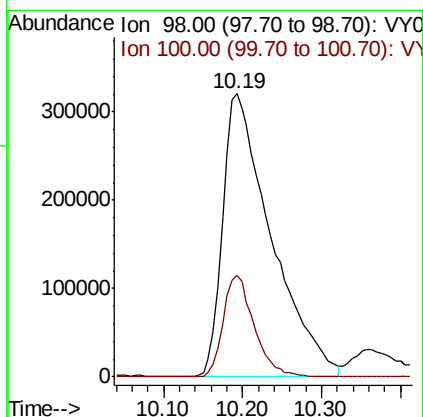
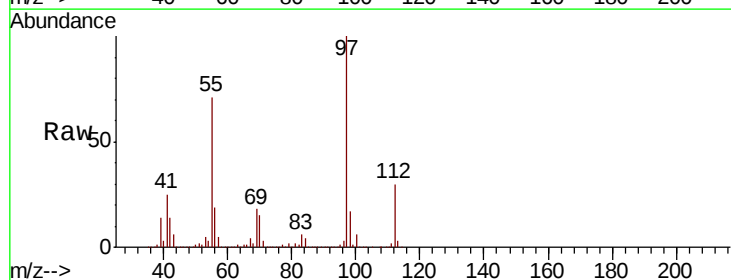
Instrument :
MSVOA_Y
ClientSampled :

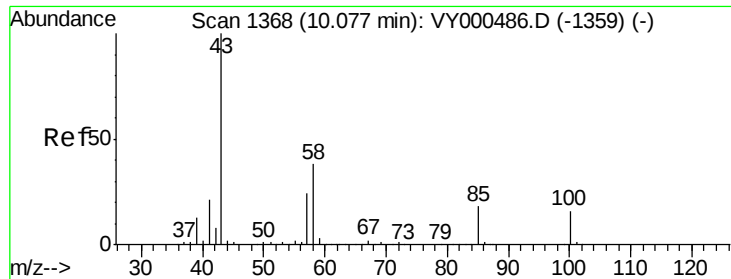
Tot Ion: 41 Resp: 98422
Ion Ratio Lower Upper
41 100
69 168.4 72.5 108.7#
39 41.9 47.8 71.8#



#50
Toluene-d8
Concen: 129.618 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion: 98 Resp: 1364214
Ion Ratio Lower Upper
98 100
100 23.1 52.9 79.3#

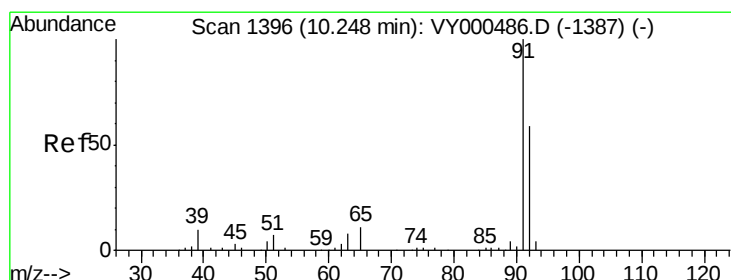
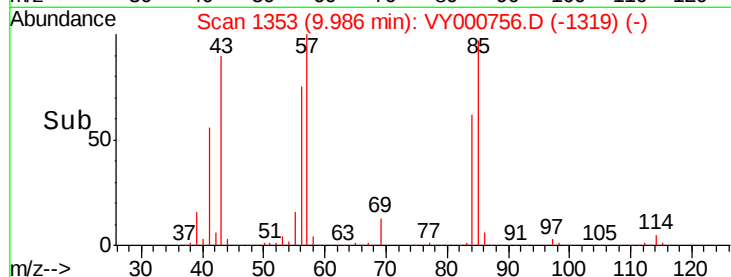
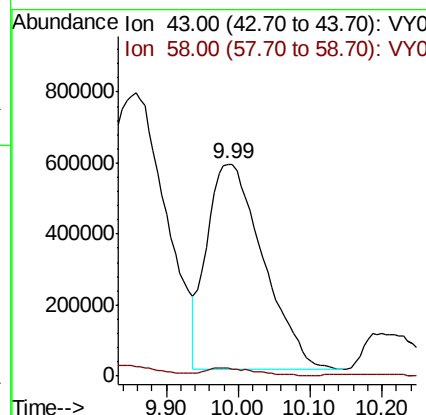
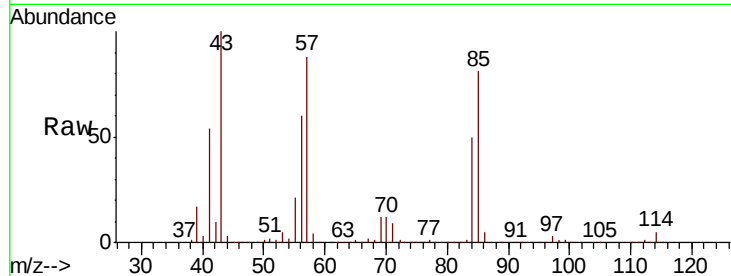




#51
4-Methyl-2-Pentanone
Concen: 1180.458 ug/l
RT: 9.99 min Scan# 1353
Delta R.T. -0.09 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

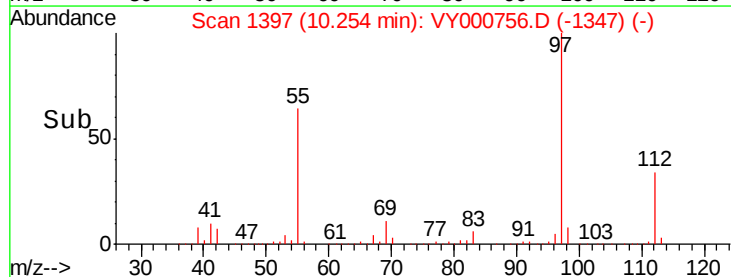
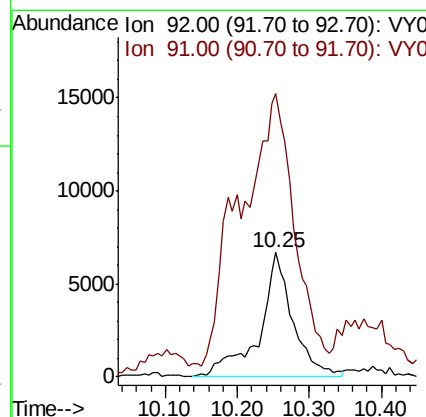
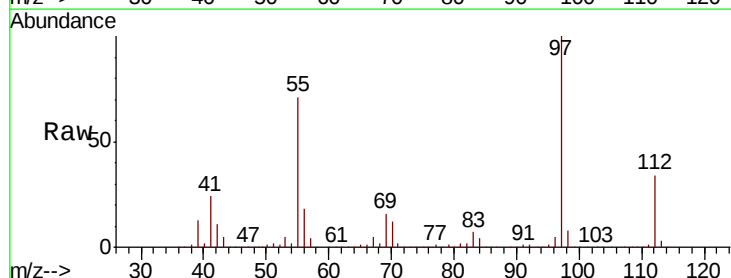
Instrument :
MSVOA_Y
ClientSampled :

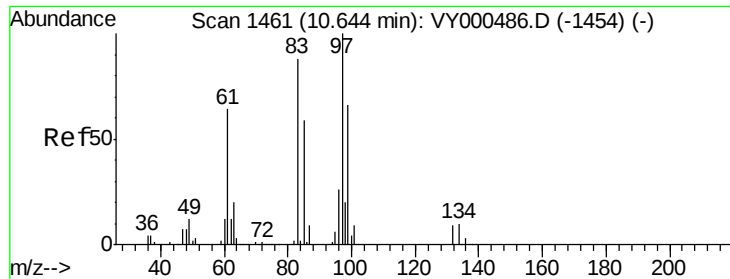
Tot Ion: 43 Resp: 3126451
Ion Ratio Lower Upper
43 100
58 3.3 30.2 45.4#



#52
Toluene
Concen: 2.617 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion: 92 Resp: 21669
Ion Ratio Lower Upper
92 100
91 212.8 136.3 204.5#





#55

1,1,2-Trichloroethane

Concen: 1417.212 ug/l

RT: 10.63 min Scan# 1458

Delta R.T. -0.02 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 3633266

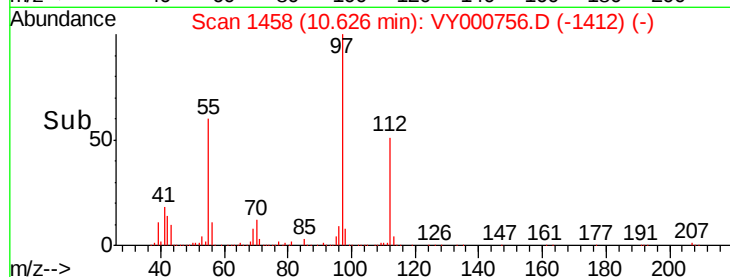
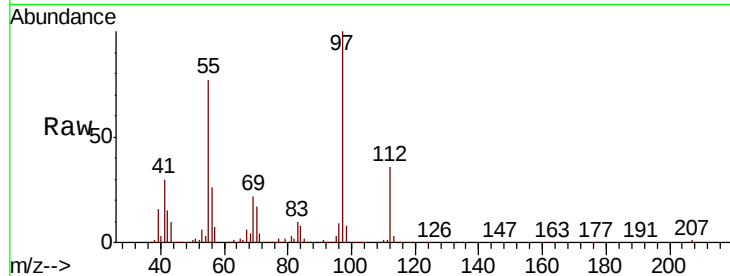
Ion Ratio Lower Upper

97 100

83 6.7 70.2 105.4#

85 1.9 46.9 70.3#

99 0.1 52.6 78.8#

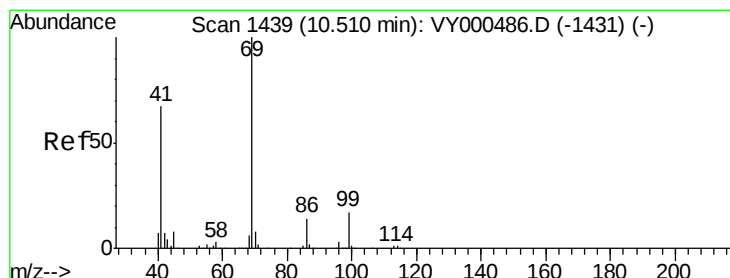
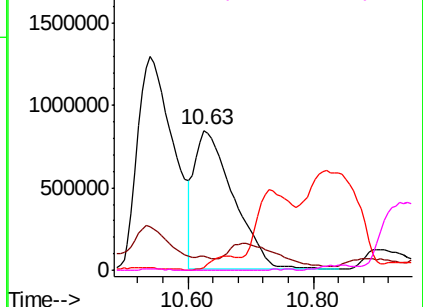


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 527.564 ug/l

RT: 10.53 min Scan# 1443

Delta R.T. 0.02 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

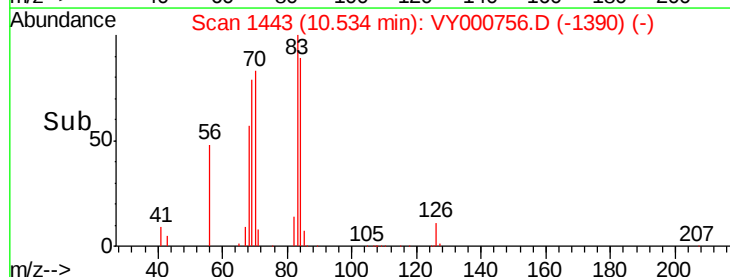
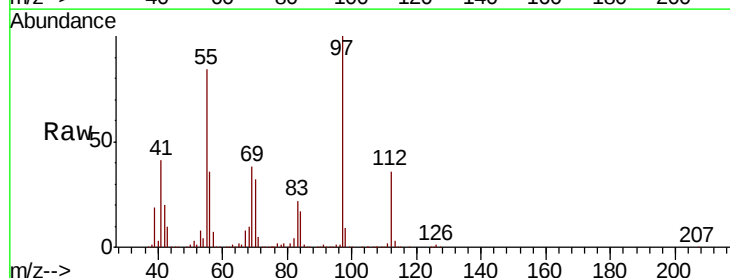
Tgt Ion: 69 Resp: 1916950

Ion Ratio Lower Upper

69 100

41 94.6 53.3 79.9#

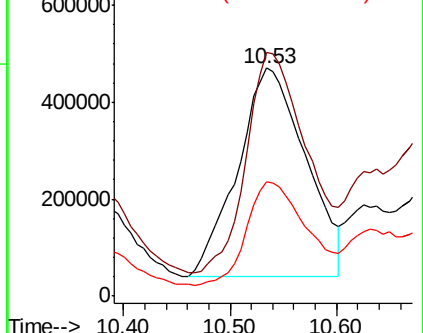
39 44.2 28.0 42.0#

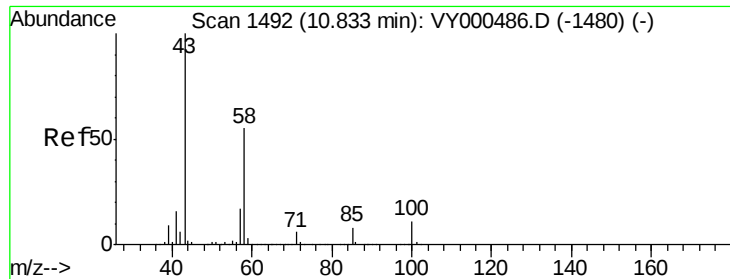


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

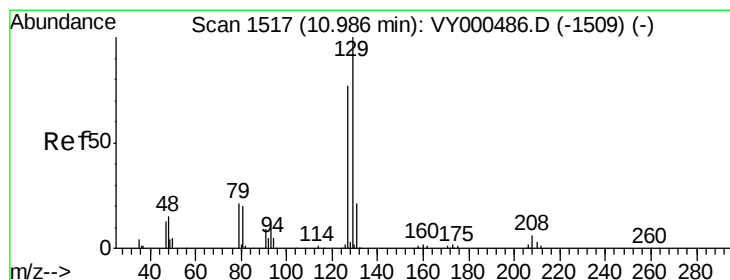
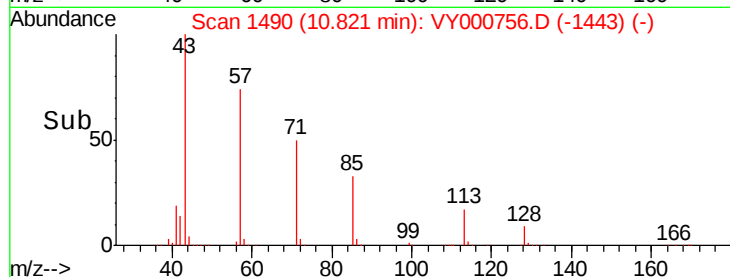
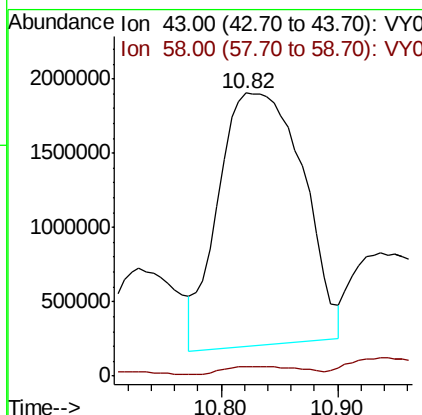
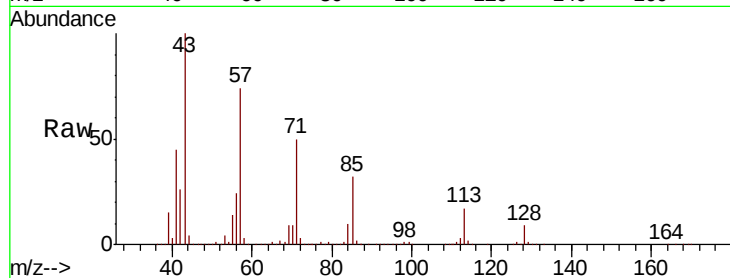




#59
2-Hexanone
Concen: 4438.082 ug/l
RT: 10.82 min Scan# 1490
Delta R.T. -0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

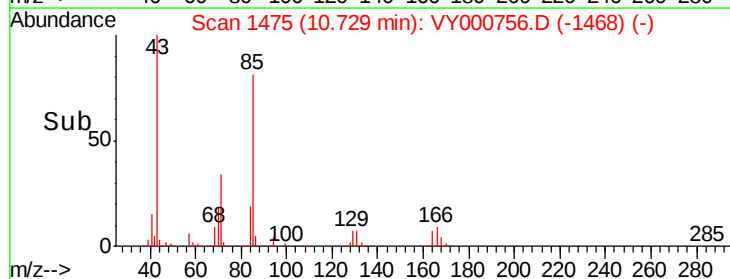
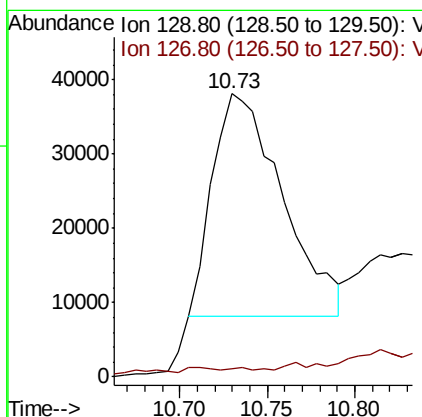
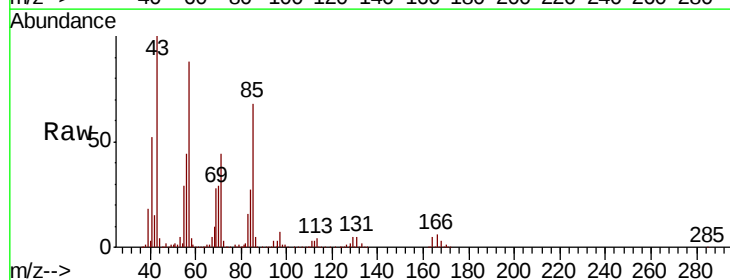
Instrument :
MSVOA_Y
ClientSampleId :

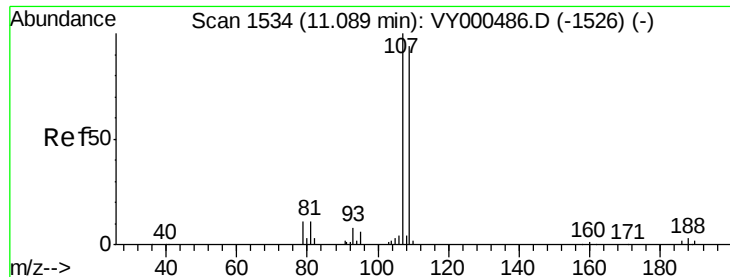
Tot Ion: 43 Resp: 8564116
Ion Ratio Lower Upper
43 100
58 3.0 27.1 81.3#



#60
Dibromochloromethane
Concen: 28.366 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.26 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion: 129 Resp: 83296
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

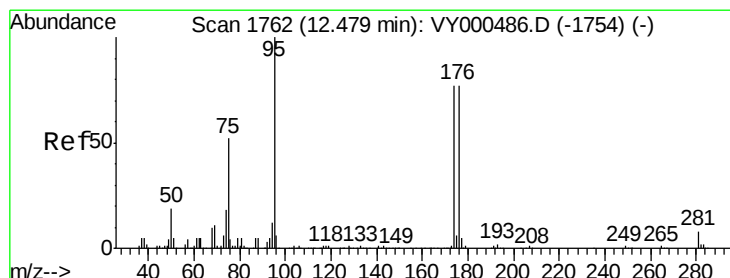
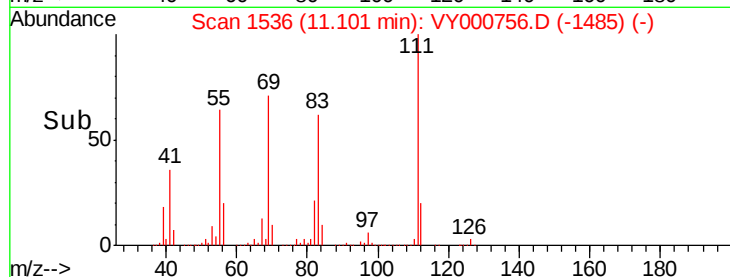
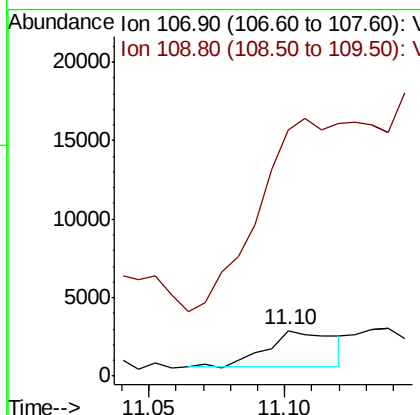
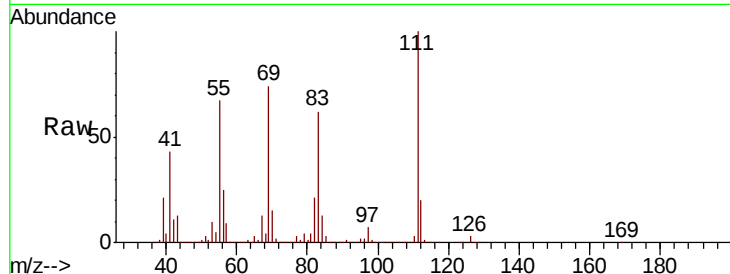




#61
 1,2-Dibromoethane
 Concen: 1.594 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

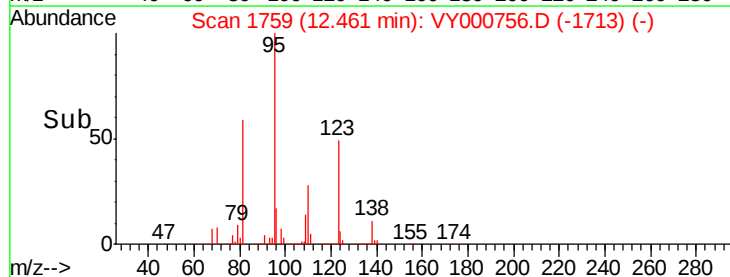
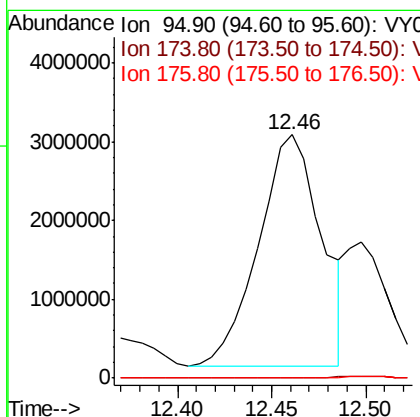
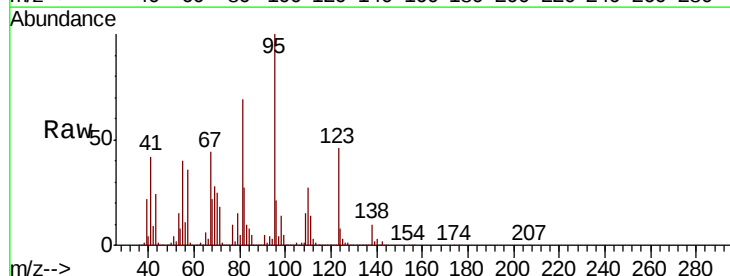
Instrument :
 MSVOA_Y
 ClientSampleId :

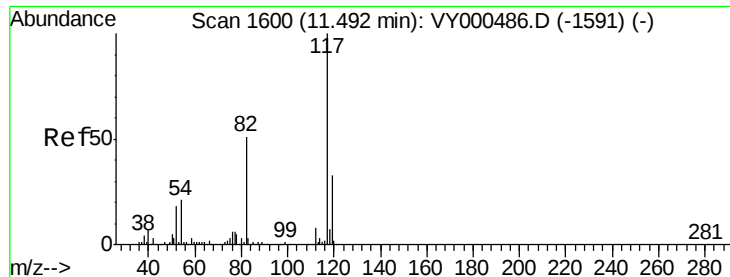
Tot Ion: 107 Resp: 3929
 Ion Ratio Lower Upper
 107 100
 109 524.6 73.6 110.4#



#62
 4-Bromofluorobenzene
 Concen: 1690.650 ug/l
 RT: 12.46 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

Tgt Ion: 95 Resp: 6774023
 Ion Ratio Lower Upper
 95 100
 174 0.0 0.0 161.6
 176 0.0 0.0 157.8

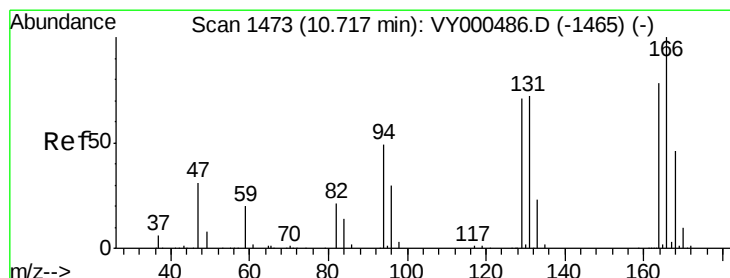
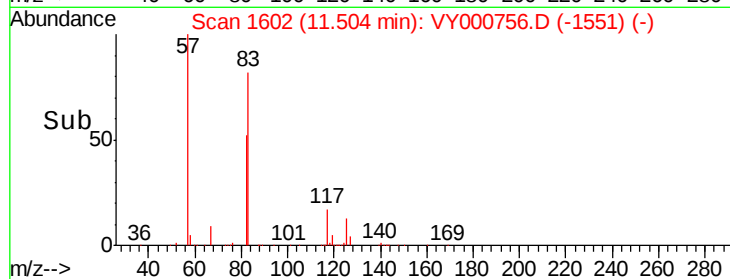
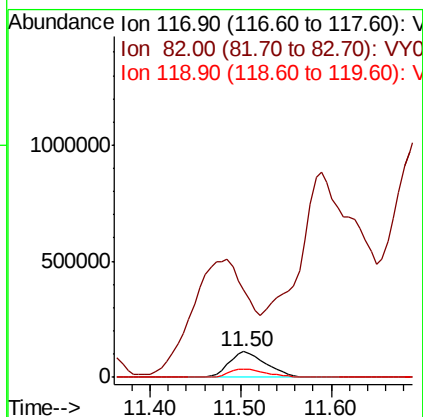
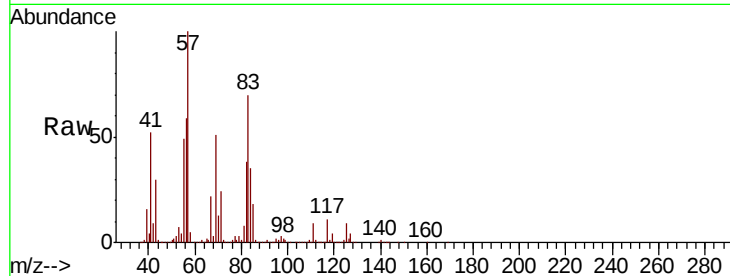




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

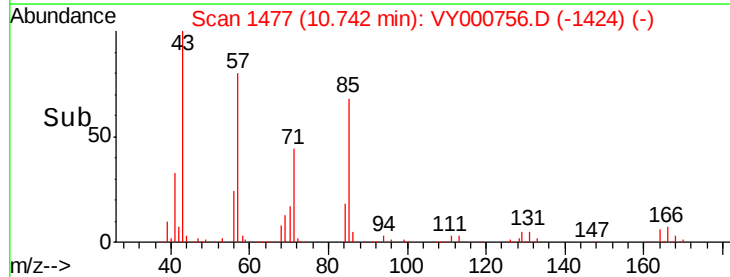
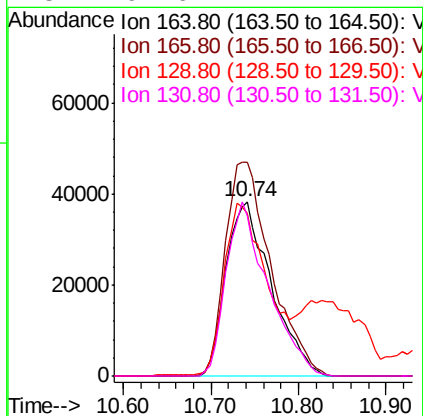
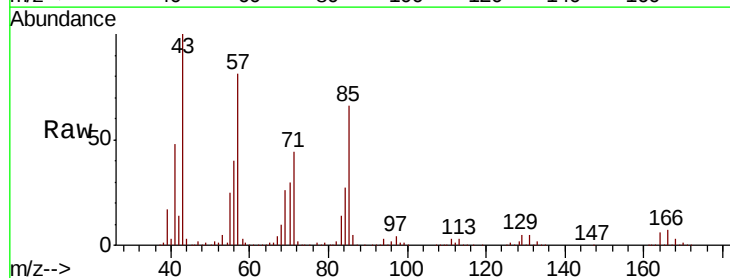
Instrument :
MSVOA_Y
ClientSampled :

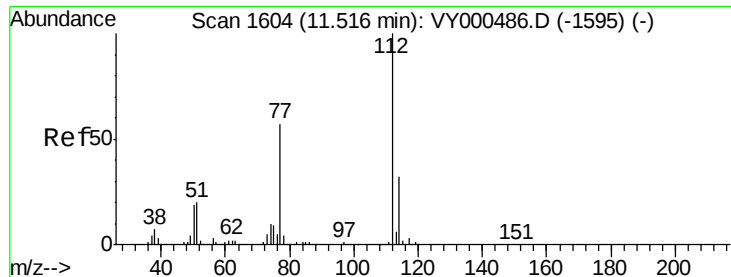
Tot Ion:117 Resp: 312088
Ion Ratio Lower Upper
117 100
82 111.9 40.8 61.2#
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 53.152 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.02 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion:164 Resp: 137163
Ion Ratio Lower Upper
164 100
166 122.2 102.7 154.1
129 92.0 73.2 109.8
131 91.6 74.2 111.2

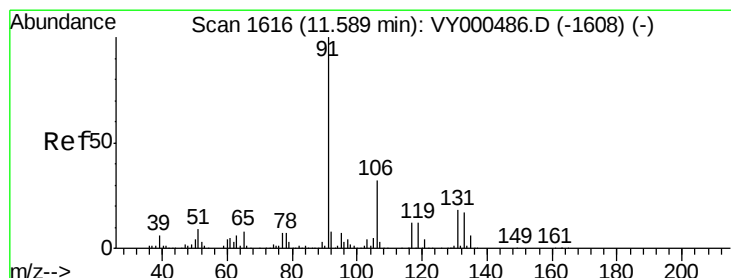
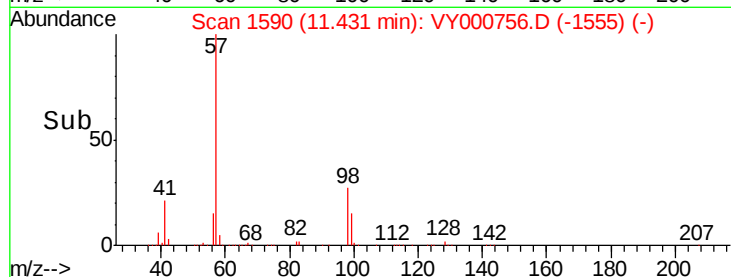
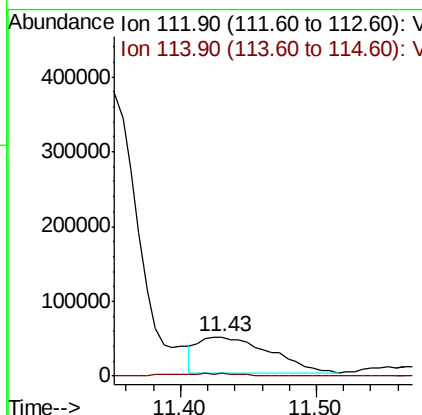
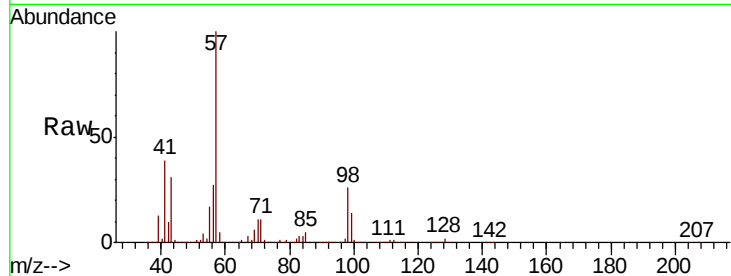




#65
Chlorobenzene
Concen: 27.538 ug/l
RT: 11.43 min Scan# 1590
Delta R.T. -0.09 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

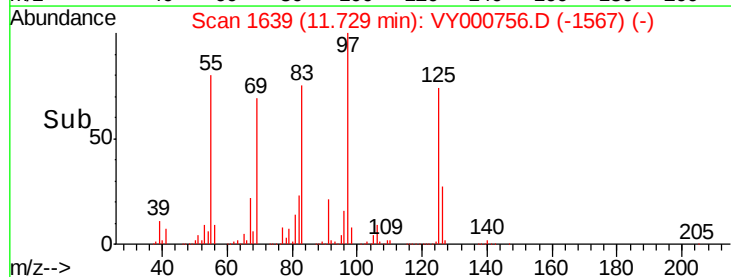
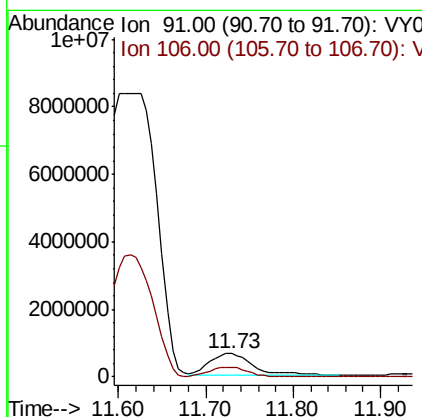
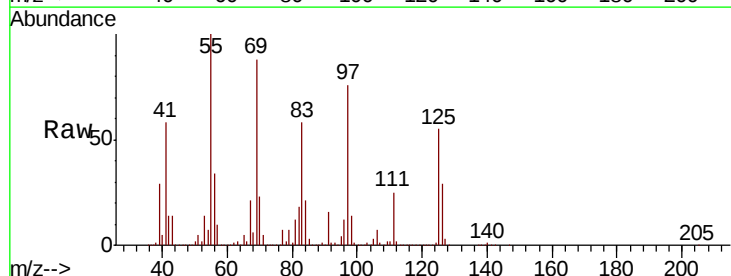
Instrument :
MSVOA_Y
ClientSampleId :

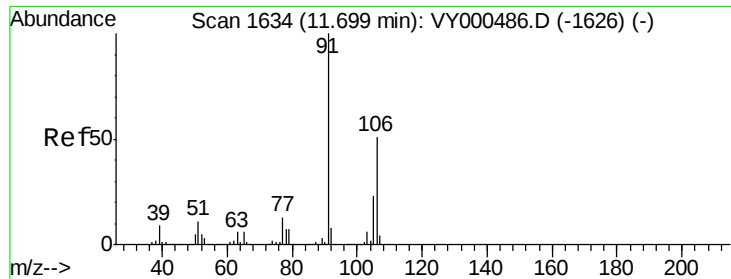
Tot Ion:112 Resp: 174249
Ion Ratio Lower Upper
112 100
114 6.8 25.3 37.9#



#67
Ethyl Benzene
Concen: 198.449 ug/l
RT: 11.73 min Scan# 1639
Delta R.T. 0.14 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion: 91 Resp: 2311017
Ion Ratio Lower Upper
91 100
106 45.6 25.4 38.0#

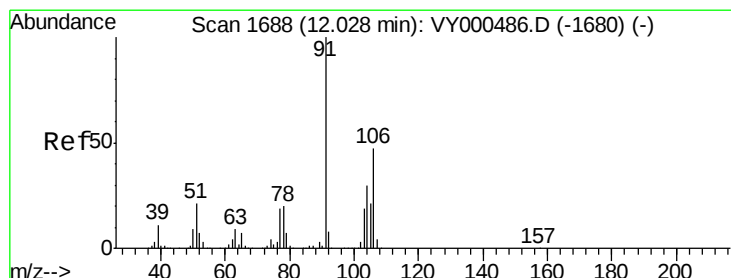
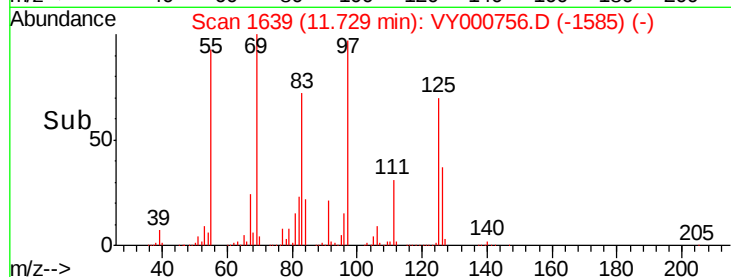
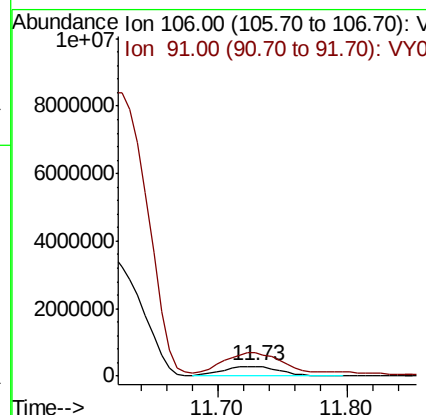
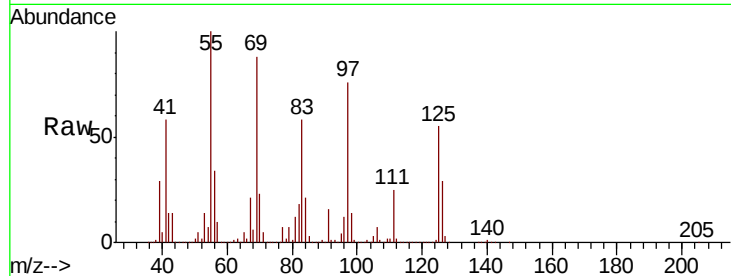




#68
m/p-Xylenes
Concen: 195.826 ug/l
RT: 11.73 min Scan# 1639
Delta R.T. 0.03 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

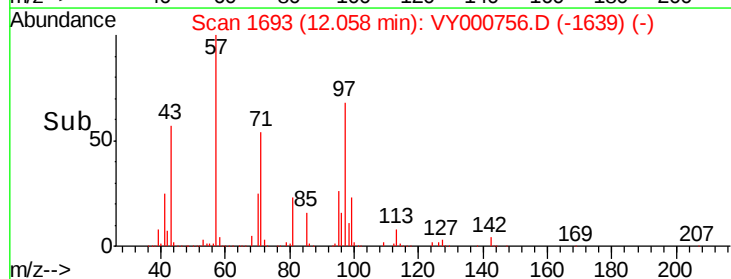
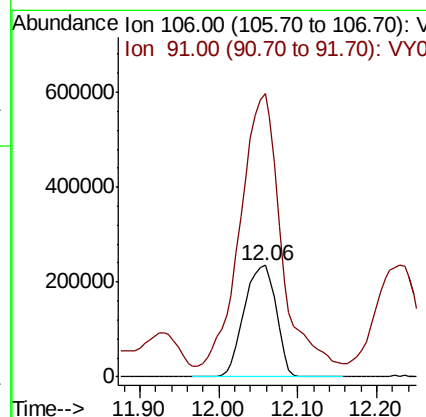
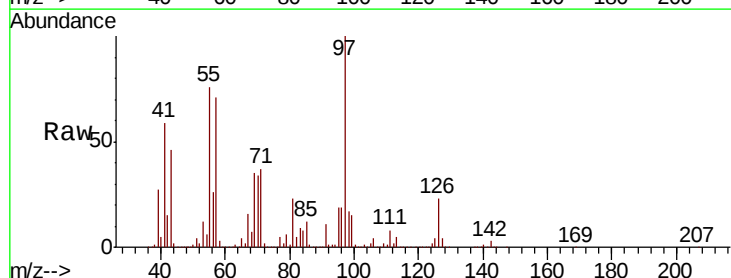
Instrument :
MSVOA_Y
ClientSampleId :

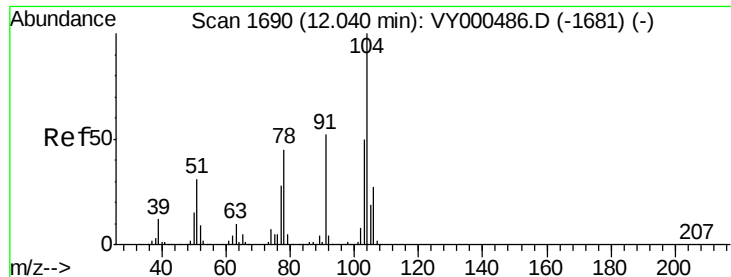
Tot Ion:106 Resp: 882635
Ion Ratio Lower Upper
106 100
91 261.8 155.9 233.9#



#69
o-Xylene
Concen: 156.362 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.03 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion:106 Resp: 662352
Ion Ratio Lower Upper
106 100
91 306.6 106.5 319.6

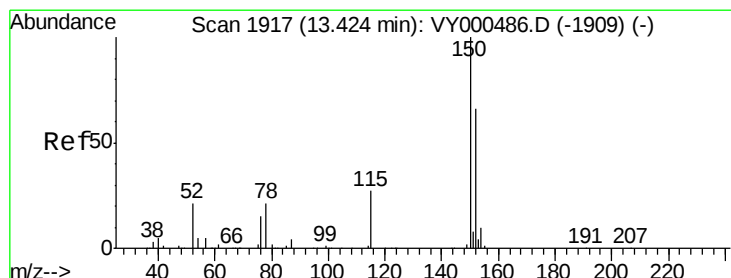
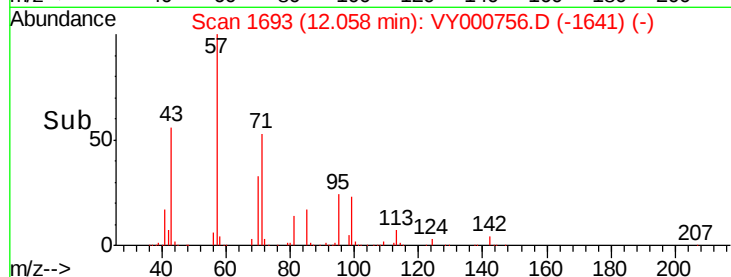
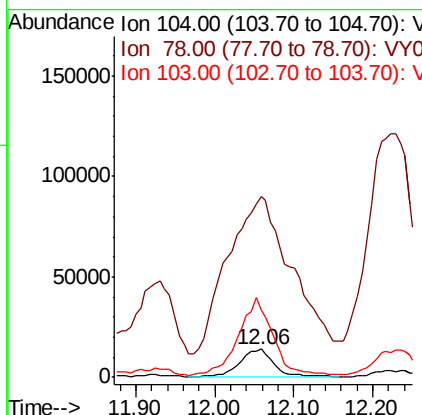
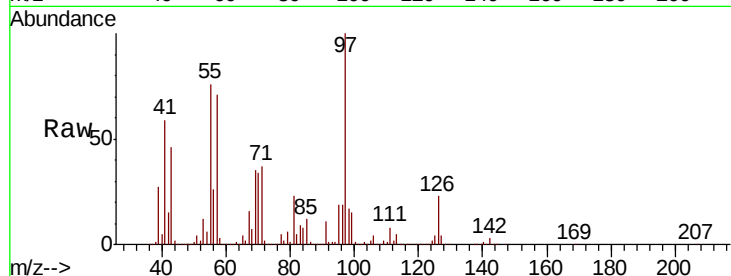




#70
Stvrene
Concen: 5.576 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.02 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

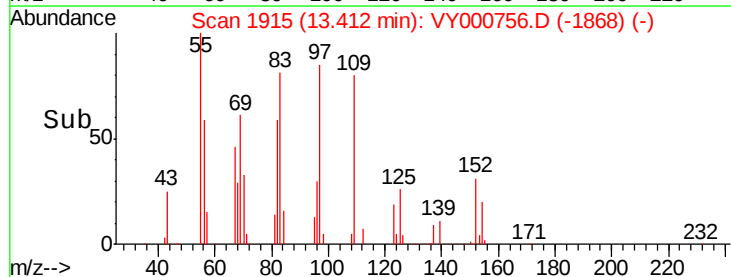
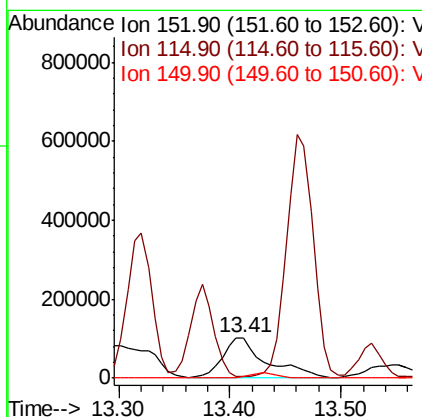
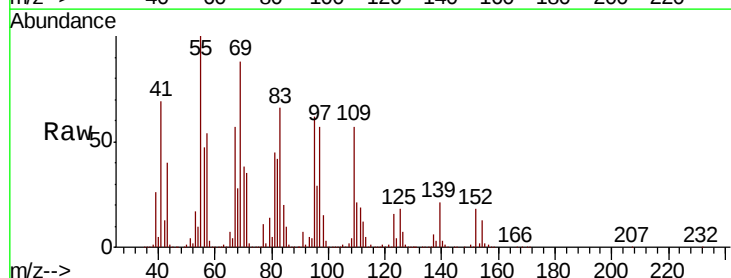
Instrument :
MSVOA_Y
ClientSampleId :

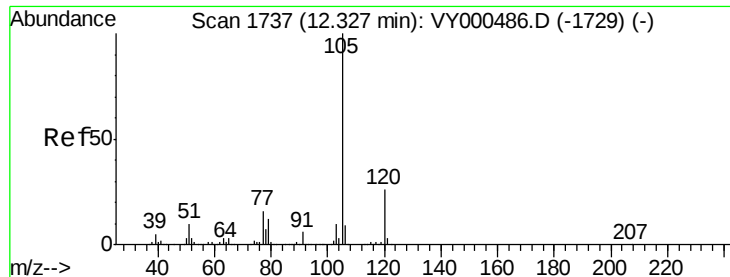
Tot Ion:104 Resp: 40446
Ion Ratio Lower Upper
104 100
78 1090.2 39.0 58.4#
103 286.5 42.5 63.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.41 min Scan# 1915
Delta R.T. -0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion:152 Resp: 265433
Ion Ratio Lower Upper
152 100
115 0.0 29.1 87.4#
150 8.4 0.0 348.8





#73

Isopropylbenzene

Concen: 794.338 ug/l

RT: 12.36 min Scan# 1742

Delta R.T. 0.03 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

Instrument :

MSVOA_Y

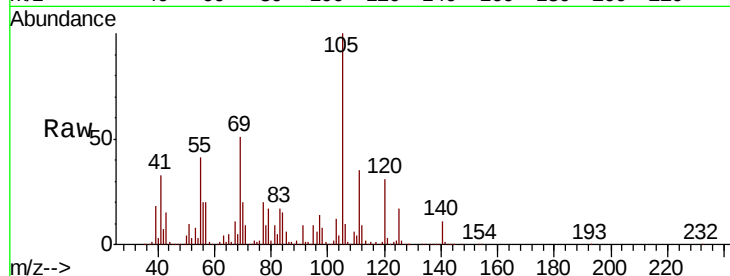
ClientSampleId :

Tot Ion:105 Resp:15582986

Ion Ratio Lower Upper

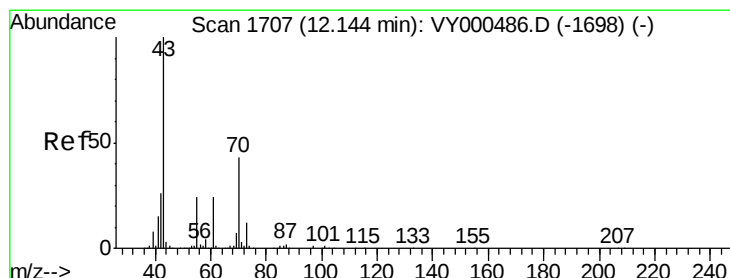
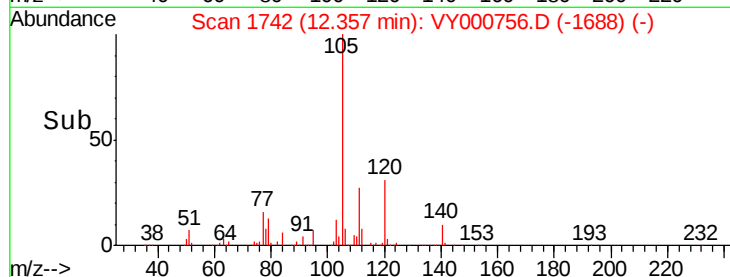
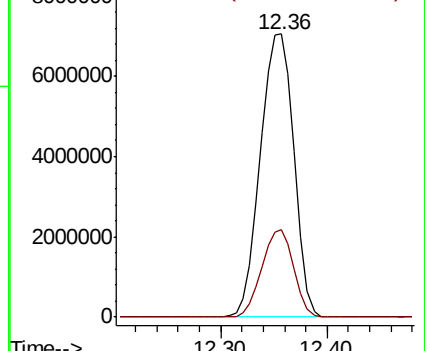
105 100

120 29.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1792.918 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

Tgt Ion: 43 Resp:10073375

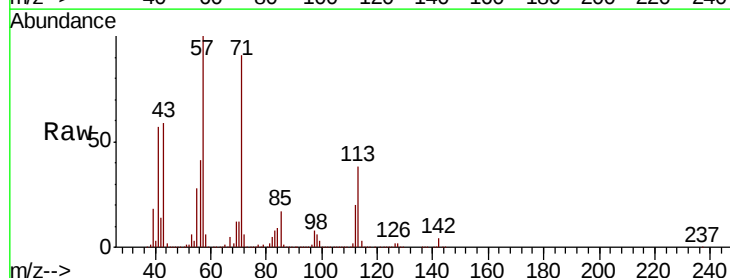
Ion Ratio Lower Upper

43 100

70 0.0 33.1 49.7#

55 0.0 18.0 27.0#

61 0.0 19.1 28.7#

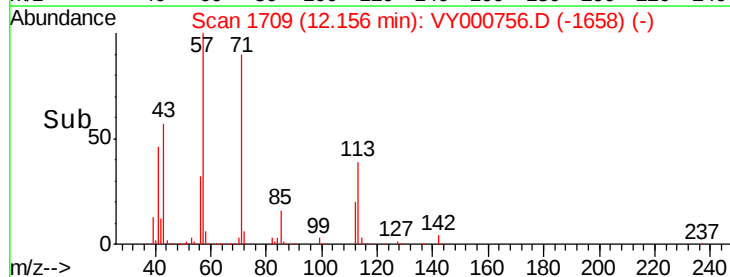
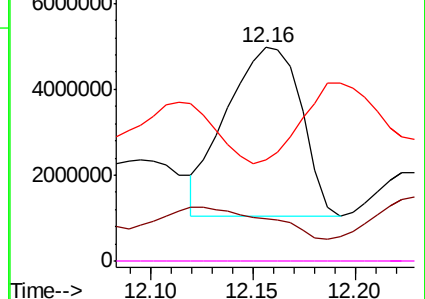


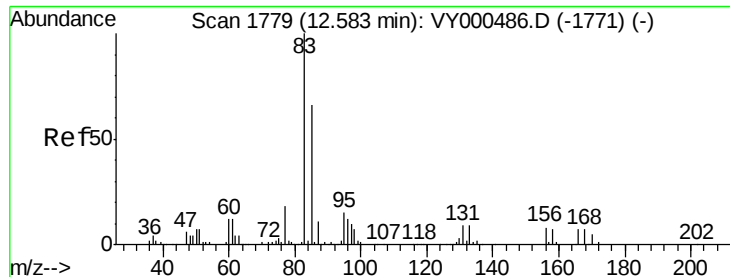
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 367.148 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

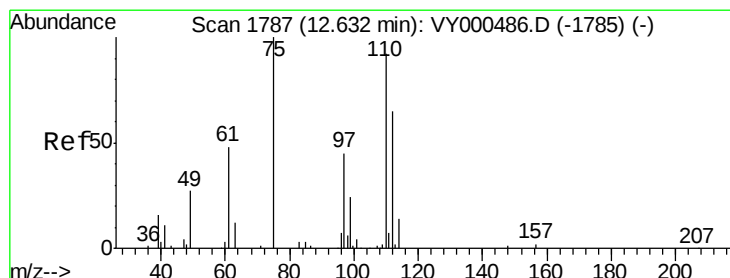
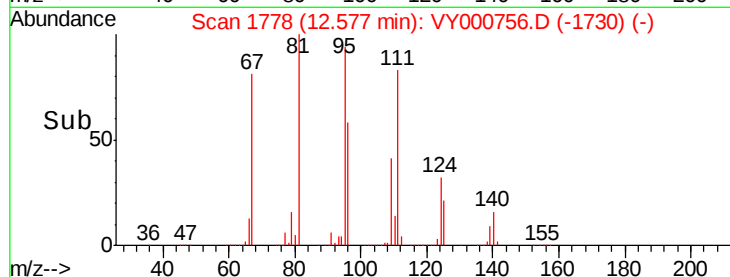
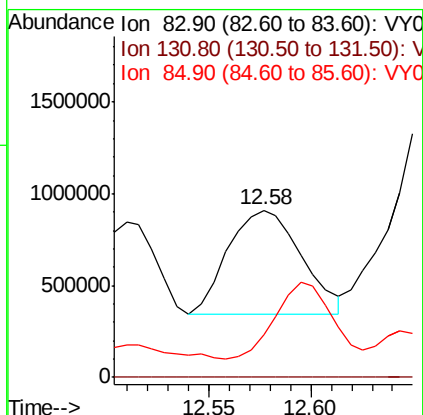
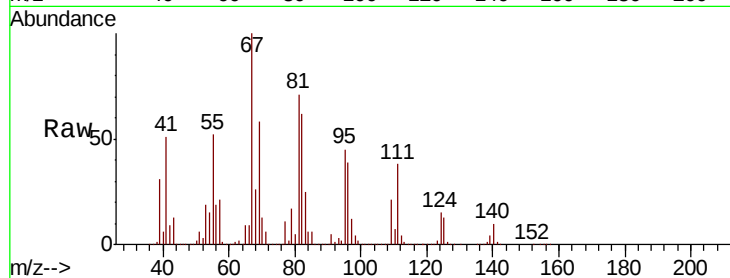
Tot Ion: 83 Resp: 1426109

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 6.385 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.04 min

Lab File: VY000756.D

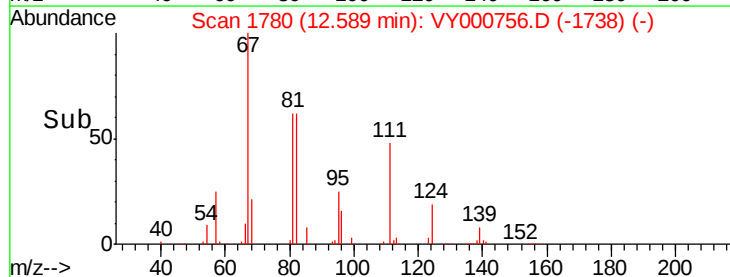
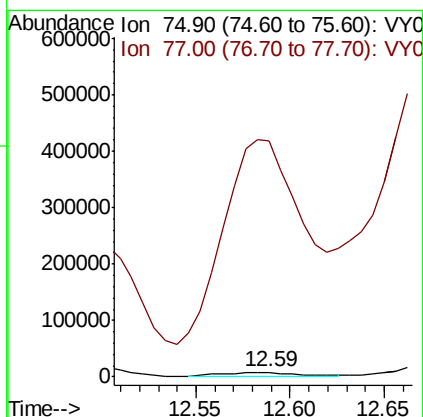
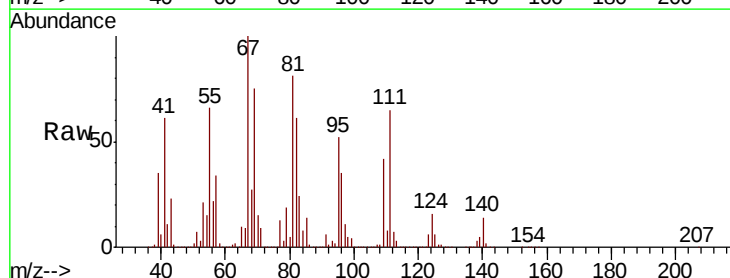
Acq: 20 Nov 2019 16:54

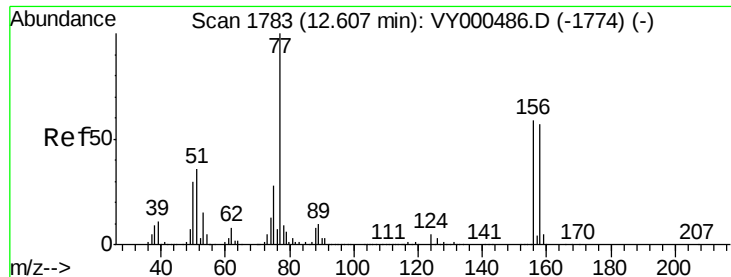
Tgt Ion: 75 Resp: 19299

Ion Ratio Lower Upper

75 100

77 5487.3 0.0 0.0#





#77

Bromobenzene

Concen: 5.245 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

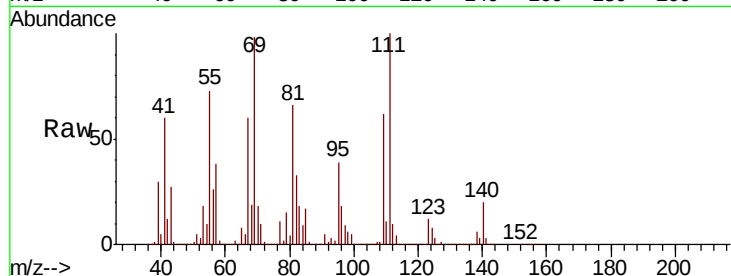
Tot Ion:156 Resp: 23334

Ion Ratio Lower Upper

156 100

77 4538.4 98.2 294.4#

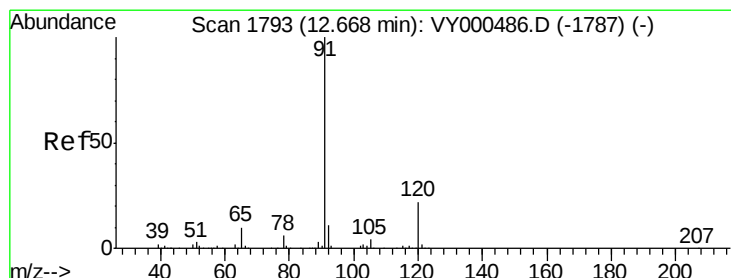
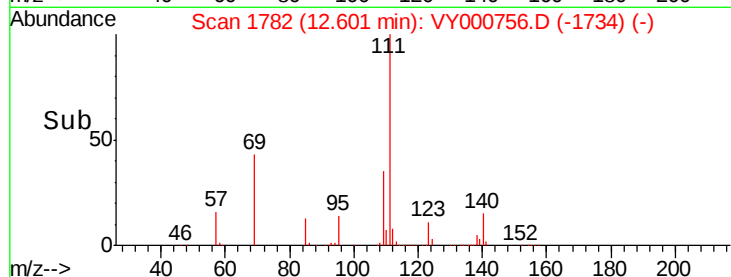
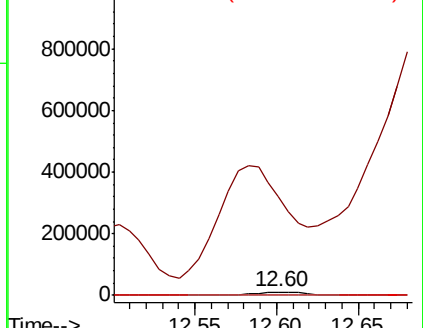
158 0.0 49.6 149.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 907.997 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY000756.D

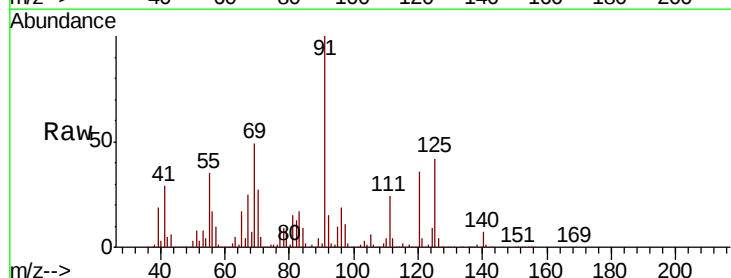
Acq: 20 Nov 2019 16:54

Tgt Ion: 91 Resp:21492424

Ion Ratio Lower Upper

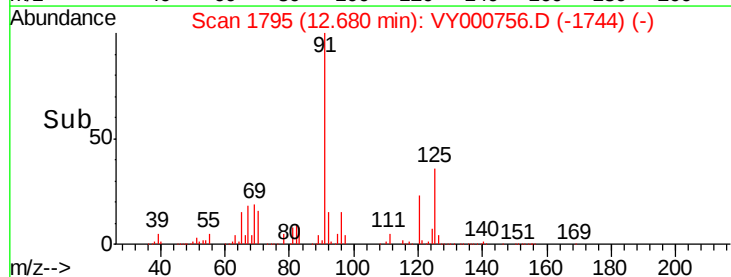
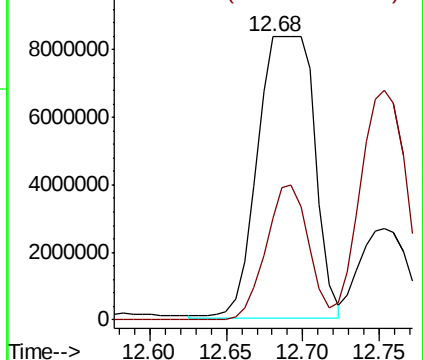
91 100

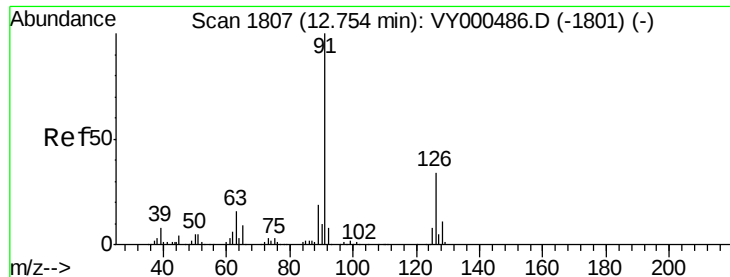
120 35.8 11.4 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

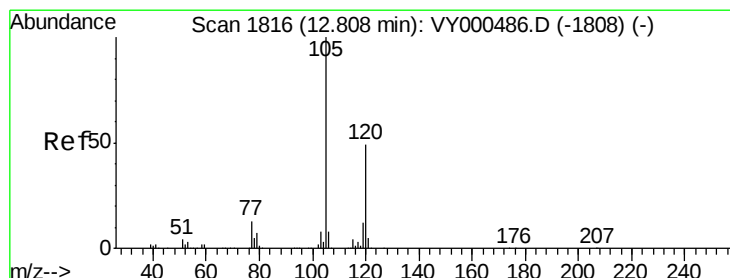
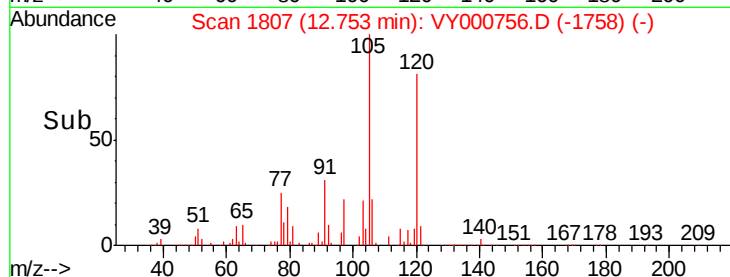
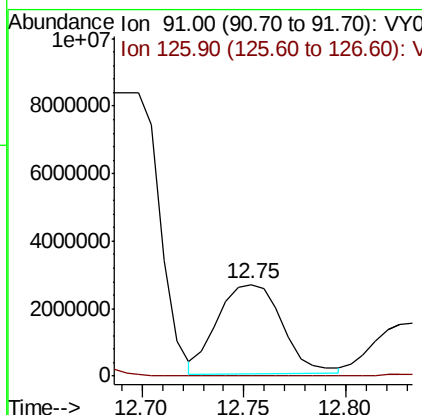
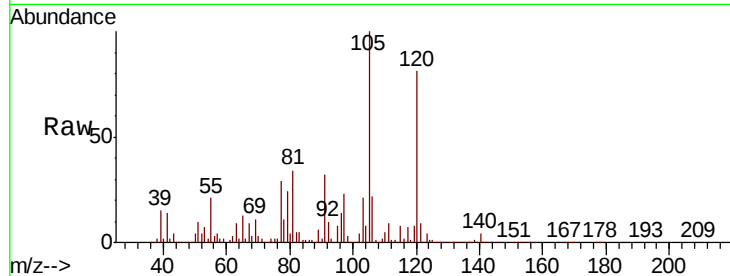




#79
 2-Chlorotoluene
 Concen: 447.208 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

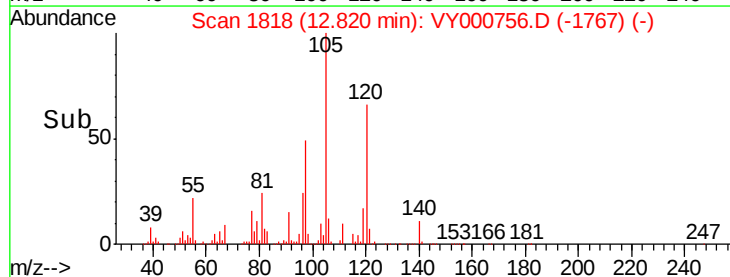
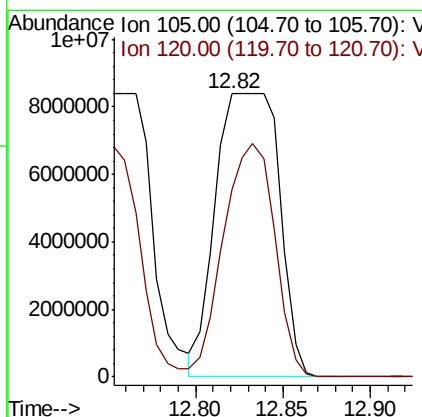
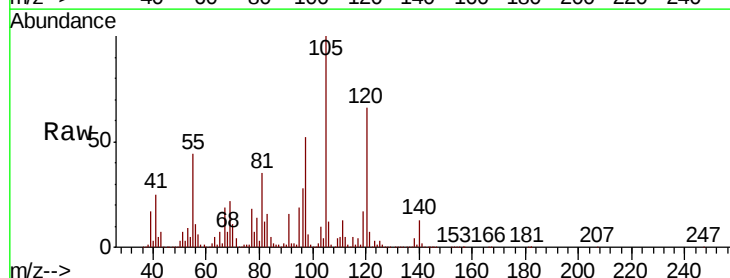
Instrument :
 MSVOA_Y
 ClientSampled :

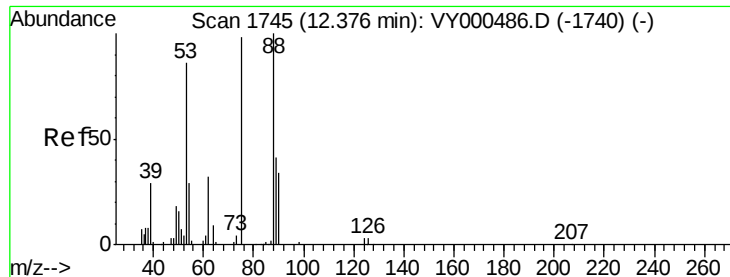
Tot Ion: 91 Resp: 5876612
 Ion Ratio Lower Upper
 91 100
 126 0.6 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 1295.686 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

Tgt Ion: 105 Resp: 21169523
 Ion Ratio Lower Upper
 105 100
 120 66.2 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 165.929 ug/l

RT: 12.35 min Scan# 1741

Delta R.T. -0.02 min

Lab File: VY000756.D

Acq: 20 Nov 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

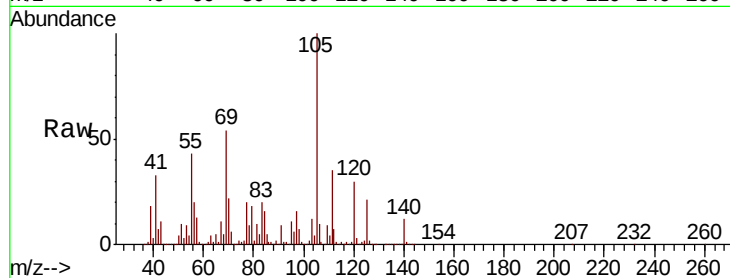
Tot Ion: 75 Resp: 223666

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

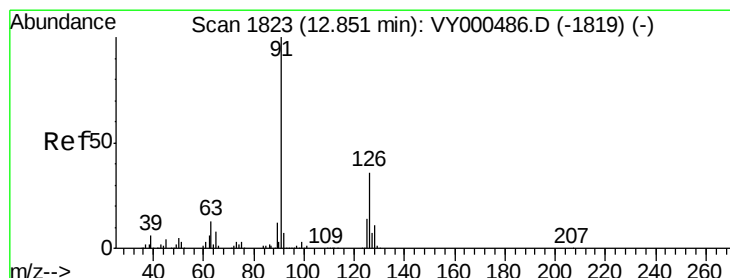
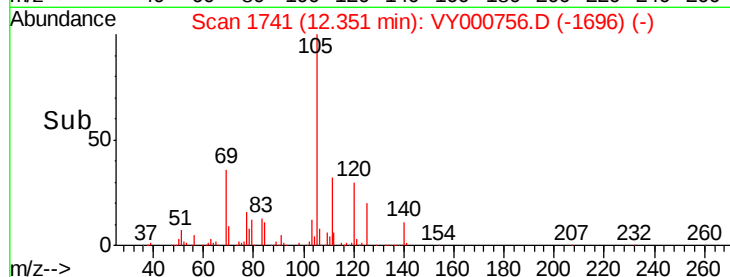
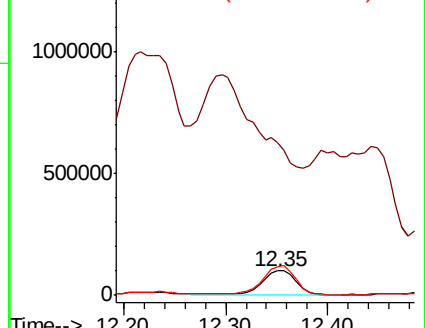
89 120.1 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 238.227 ug/l

RT: 12.83 min Scan# 1820

Delta R.T. -0.02 min

Lab File: VY000756.D

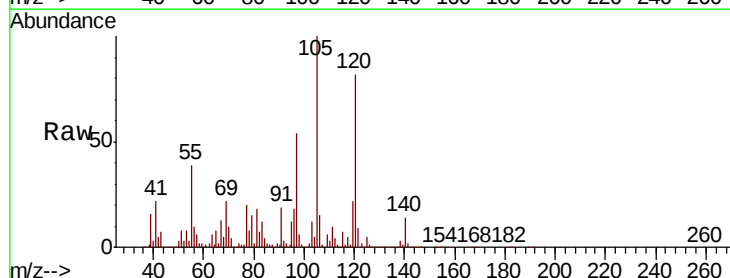
Acq: 20 Nov 2019 16:54

Tgt Ion: 91 Resp: 3244973

Ion Ratio Lower Upper

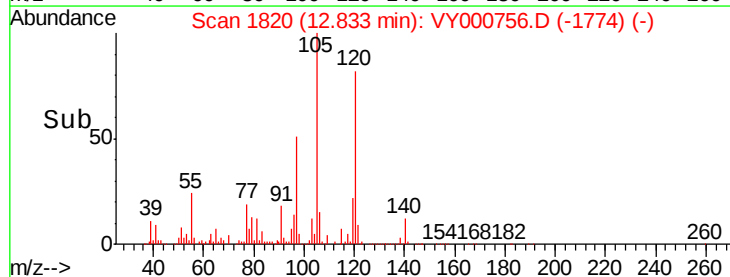
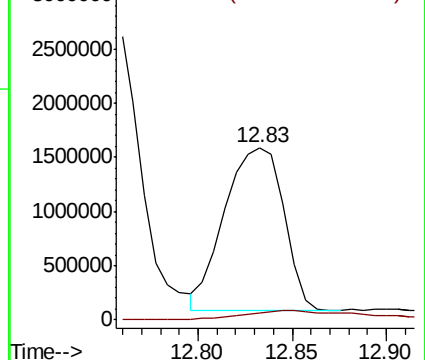
91 100

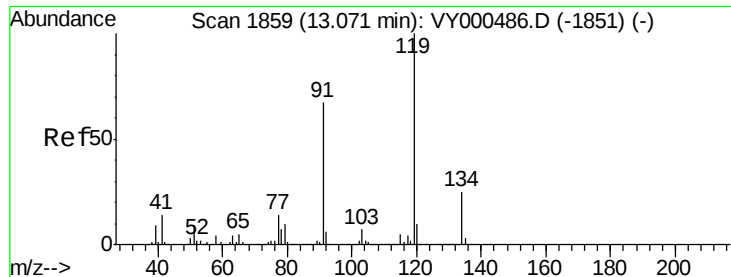
126 9.4 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

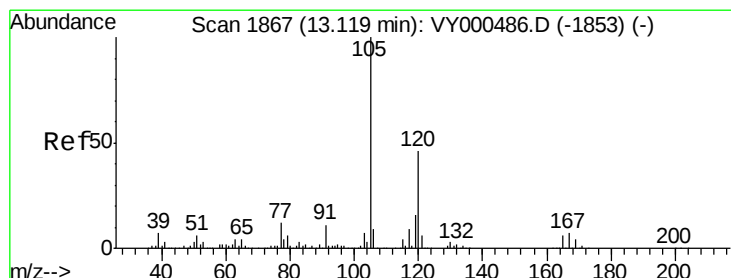
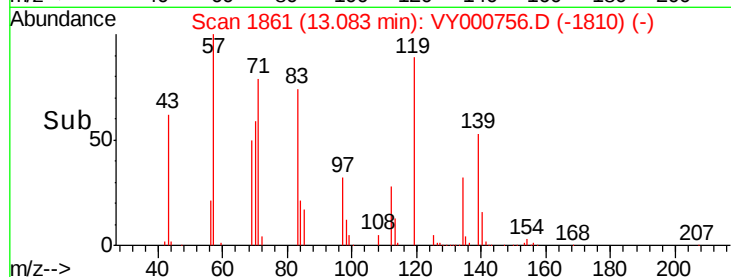
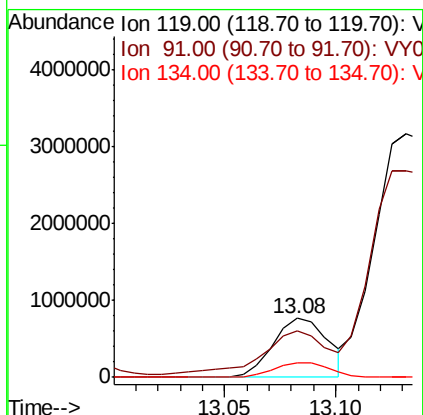
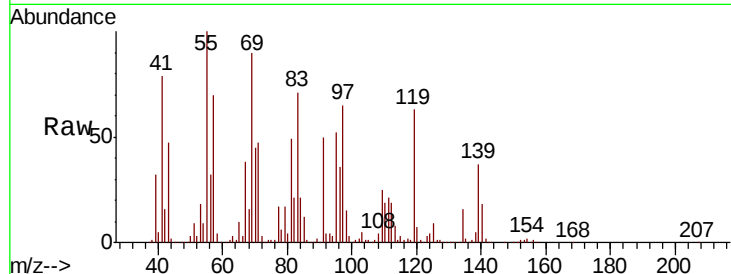




#83
tert-Butylbenzene
Concen: 94.037 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

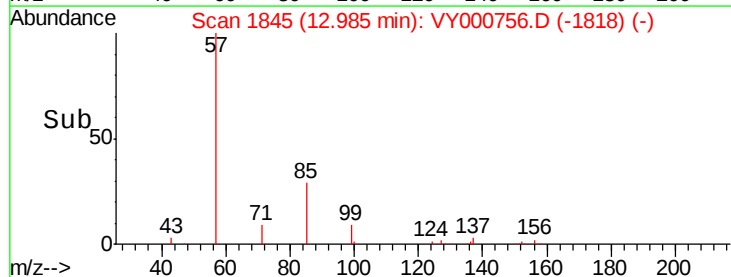
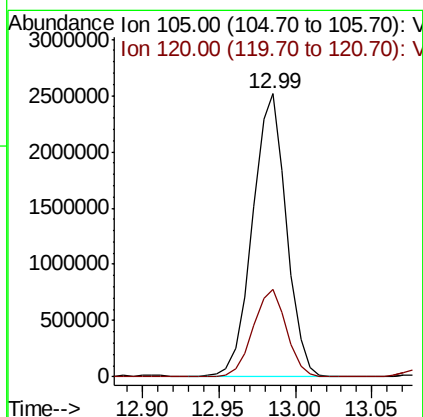
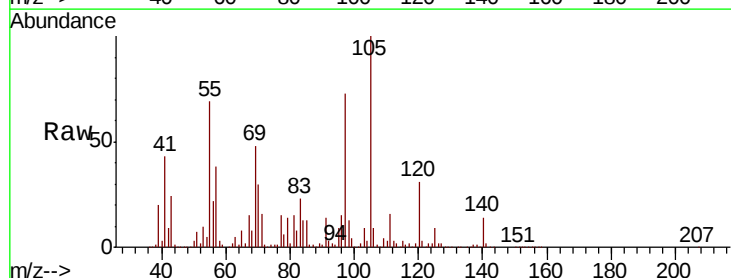
Instrument :
MSVOA_Y
ClientSampleId :

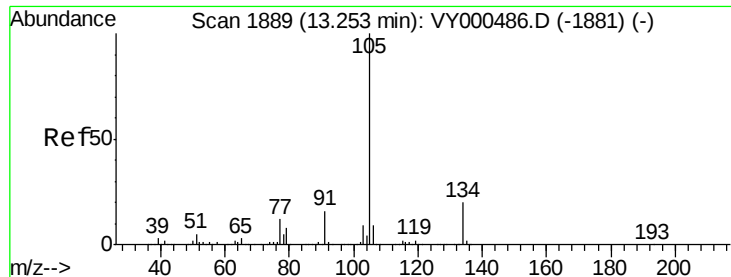
Tot Ion:119 Resp: 1311851
Ion Ratio Lower Upper
119 100
91 83.4 32.1 96.3
134 25.5 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 236.359 ug/l
RT: 12.99 min Scan# 1845
Delta R.T. -0.13 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion:105 Resp: 3844978
Ion Ratio Lower Upper
105 100
120 30.8 23.3 69.9

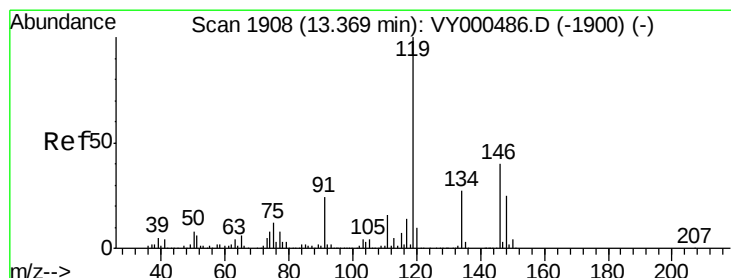
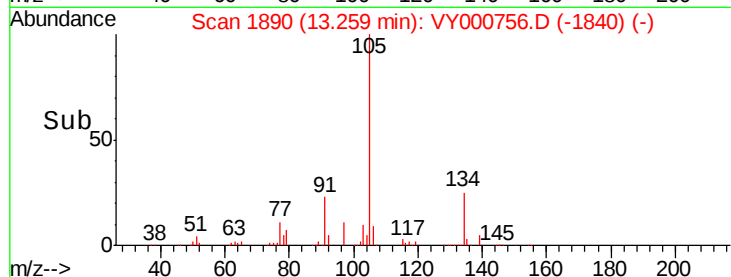
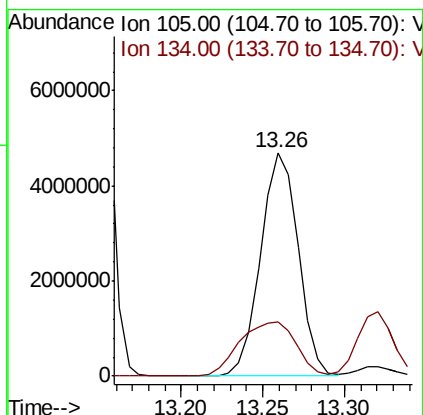
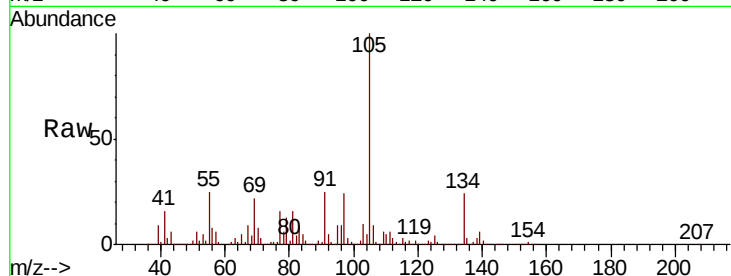




#85
 sec-Butylbenzene
 Concen: 376.219 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

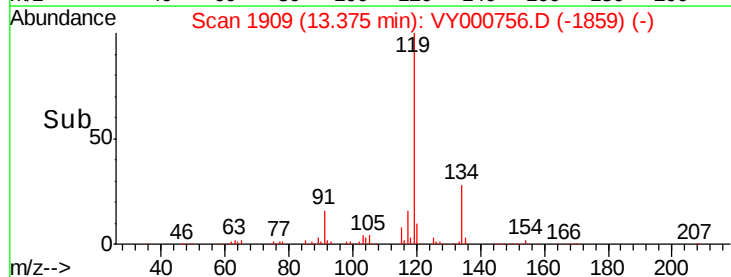
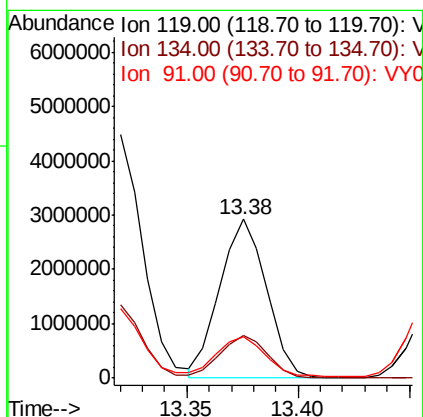
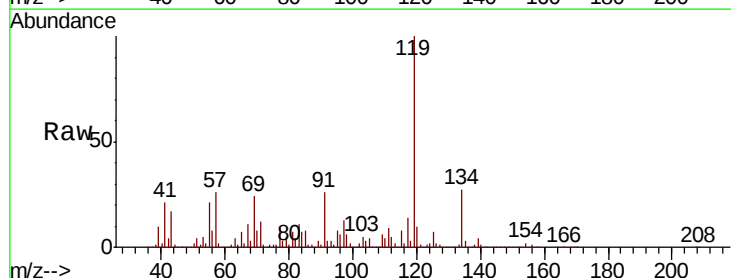
Instrument :
 MSVOA_Y
 ClientSampleId :

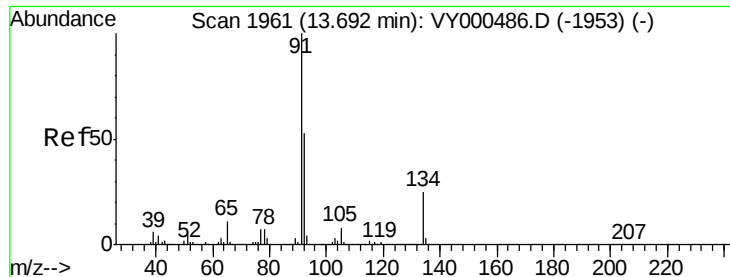
Tot Ion:105 Resp: 7477467
 Ion Ratio Lower Upper
 105 100
 134 36.8 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 240.695 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

Tgt Ion:119 Resp: 4263649
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 26.5 12.0 36.1

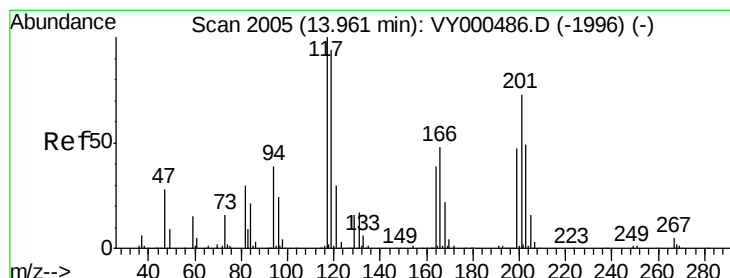
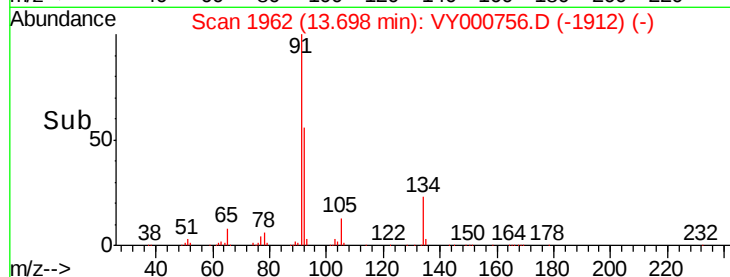
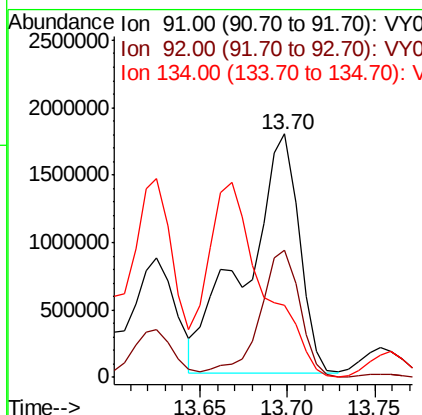
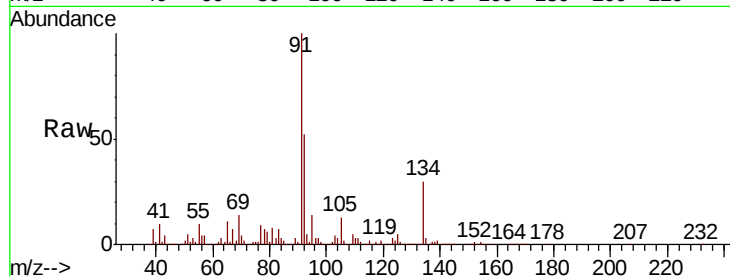




#89
n-Butylbenzene
Concen: 214.777 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

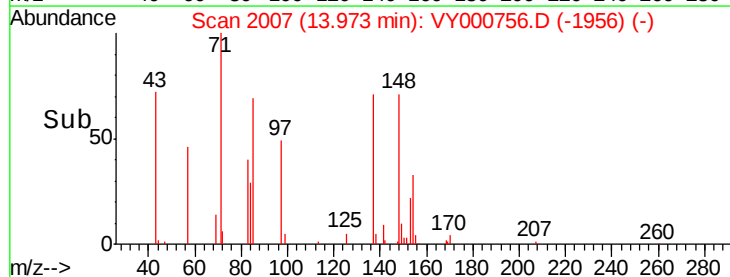
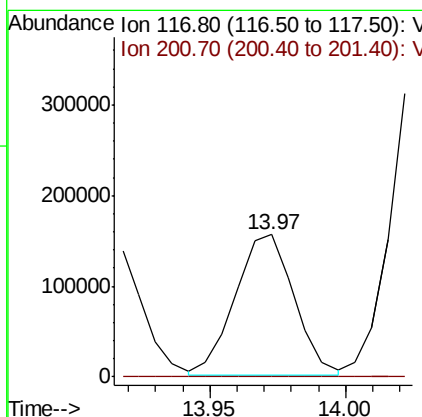
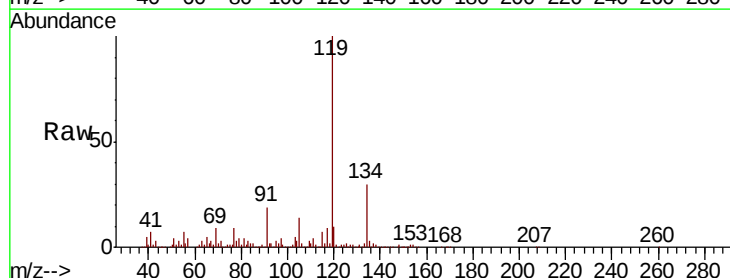
Instrument :
MSVOA_Y
ClientSampleId :

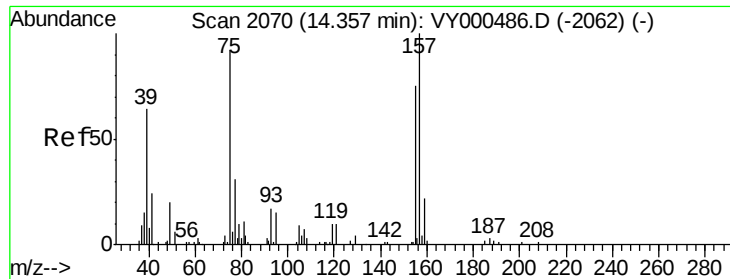
Tot Ion: 91 Resp: 3752428
Ion Ratio Lower Upper
91 100
92 40.0 26.8 80.3
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 70.808 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY000756.D
Acq: 20 Nov 2019 16:54

Tgt Ion: 117 Resp: 231880
Ion Ratio Lower Upper
117 100
201 0.0 35.8 107.3#

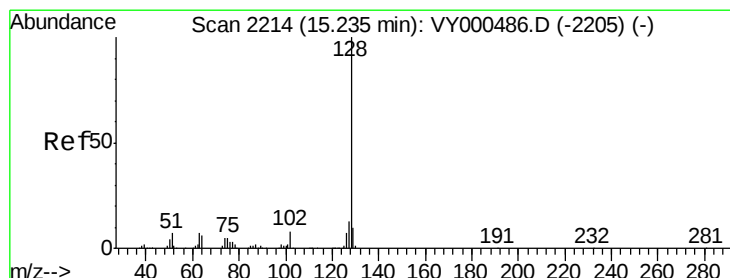
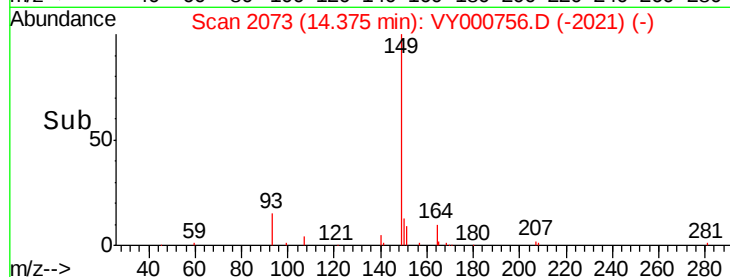
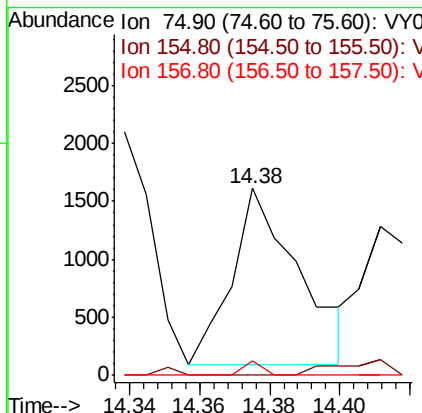
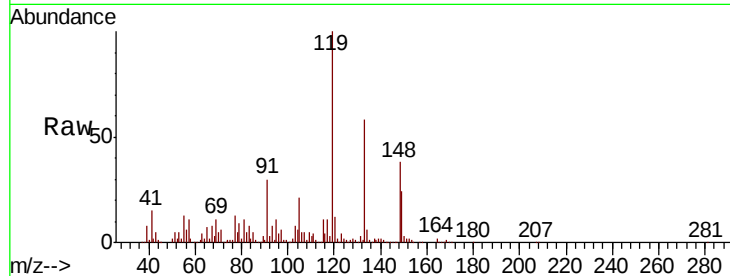




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.957 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.02 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 2033
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.4 127.1#
 157 2.3 55.1 165.3#



#95
 Naphthalene
 Concen: 15.036 ug/l
 RT: 15.23 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: VY000756.D
 Acq: 20 Nov 2019 16:54

Tgt Ion: 128 Resp: 179679
 Ion Ratio Lower Upper
 128 100
 127 12.5 9.8 14.6
 129 10.9 8.7 13.1

