

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000753.D
 Acq On : 20 Nov 2019 15:48
 Operator : SY/MD
 Sample : K5957-10
 Misc : 4.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 07:42:29 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	162532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	280024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	193596	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.41	152	115303	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	92918	55.24	ug/l	0.00
Spiked Amount			Recovery	=	110.48%	
35) Dibromofluoromethane	7.74	113	83713	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	10.20	98	1575919	252.64	ug/l	0.02
Spiked Amount			Recovery	=	505.28%	
62) 4-Bromofluorobenzene	12.46	95	5829554	2454.86	ug/l	-0.02
Spiked Amount			Recovery	=	4909.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.16	142	49	3.220	ug/l #	41
11) Tert butyl alcohol	4.97	59	327	1.997	ug/l #	72
16) Acetone	3.96	43	13805	29.779	ug/l #	77
17) Carbon Disulfide	4.21	76	7349	1.435	ug/l #	89
20) Methylene Chloride	4.73	84	8031	4.043	ug/l	88
25) 2-Butanone	7.01	43	9022	12.195	ug/l #	70
28) Bromochloromethane	7.53	49	616	4.492	ug/l #	14
29) Tetrahydrofuran	7.37	42	966	2.134	ug/l #	59
30) Chloroform	7.51	83	5379	1.711	ug/l	87
31) Cyclohexane	7.80	56	513275	157.649	ug/l	88
36) 1,1-Dichloropropene	7.82	75	13071	4.938	ug/l #	69
38) Carbon Tetrachloride	7.80	117	15705	6.166	ug/l #	15
39) Methylcyclohexane	9.21	83	5464262	1597.738	ug/l	95
41) Methacrylonitrile	7.37	41	1046	1.193	ug/l #	91
43) Isopropyl Acetate	8.30	43	61494	20.829	ug/l #	53
44) Trichloroethene	8.96	130	16263	7.948	ug/l	97
45) 1,2-Dichloropropane	9.19	63	52967	27.730	ug/l #	1
47) Bromodichloromethane	9.49	83	41837	16.784	ug/l #	1
48) Methyl methacrylate	9.38	41	161776	125.411	ug/l #	60
49) 1,4-Dioxane	9.40	88	62	4.385	ug/l #	27
51) 4-Methyl-2-Pentanone	9.98	43	5666099	3609.669	ug/l #	42
52) Toluene	10.25	92	5915	1.205	ug/l #	1
55) 1,1,2-Trichloroethane	10.55	97	6501697	4279.065	ug/l #	20
56) Ethyl methacrylate	10.54	69	2484750	1153.802	ug/l #	61
59) 2-Hexanone	10.84	43	15331301	13405.291	ug/l #	29
60) Dibromochloromethane	10.96	129	33867	19.460	ug/l #	10
61) 1,2-Dibromoethane	11.11	107	6081	4.162	ug/l #	4
64) Tetrachloroethene	10.74	164	240636	150.322	ug/l	95
65) Chlorobenzene	11.43	112	271194	69.092	ug/l #	53
67) Ethyl Benzene	11.72	91	3421648	473.655	ug/l #	38
68) m/p-Xylenes	11.73	106	20290926	7257.252	ug/l #	1
70) Styrene	12.06	104	18056	4.013	ug/l #	1
73) Isopropylbenzene	12.36	105	18254259	2142.069	ug/l	94
74) N-amyl acetate	12.16	43	10057973	4121.071	ug/l #	44

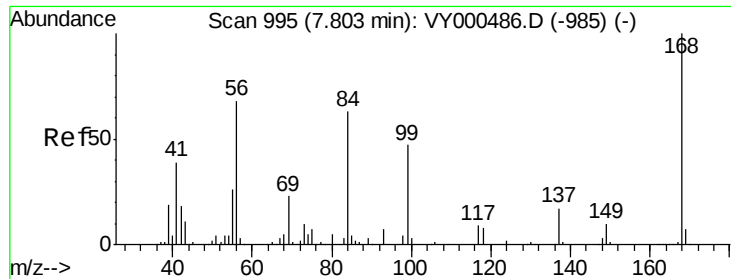
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.58	83	1377500	816.383	ug/l #	71
76) 1,2,3-Trichloropropane	12.58	75	17810	13.566	ug/l #	100
77) Bromobenzene	12.60	156	17591	9.103	ug/l #	1
78) n-propylbenzene	12.68	91	22270252	2165.900	ug/l #	65
79) 2-Chlorotoluene	12.75	91	4848850	849.446	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.82	105	17825088	2511.508	ug/l	77
81) trans-1,4-Dichloro-2-buten	12.36	75	279158	476.745	ug/l #	1
82) 4-Chlorotoluene	12.83	91	2774183	468.844	ug/l #	55
83) tert-Butylbenzene	13.08	119	963590	159.009	ug/l	88
84) 1,2,4-Trimethylbenzene	12.98	105	658592	93.198	ug/l #	30
85) sec-Butylbenzene	13.26	105	6782730	785.606	ug/l #	68
86) p-Isopropyltoluene	13.38	119	4004582	520.423	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	6256	1.654	ug/l #	1
89) n-Butylbenzene	13.69	91	2764533	364.261	ug/l #	73
90) Hexachloroethane	13.97	117	134916	94.841	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.38	75	773	2.589	ug/l #	1
95) Naphthalene	15.23	128	63013	12.139	ug/l	97

(#) = 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: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

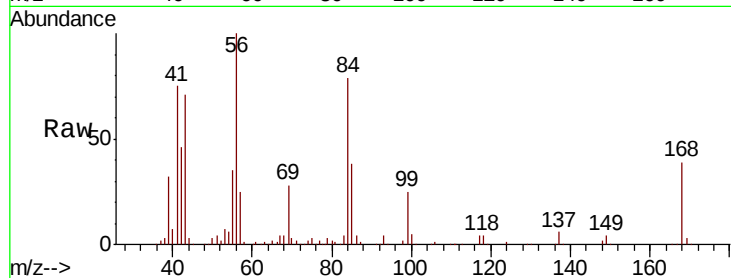
ClientSampleId :

Tot Ion:168 Resp: 162532

Ion Ratio Lower Upper

168 100

99 63.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.81

60000

50000

40000

30000

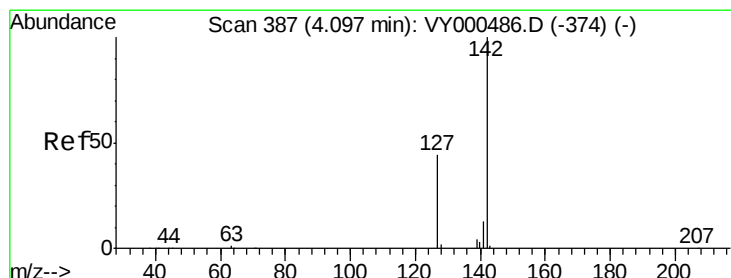
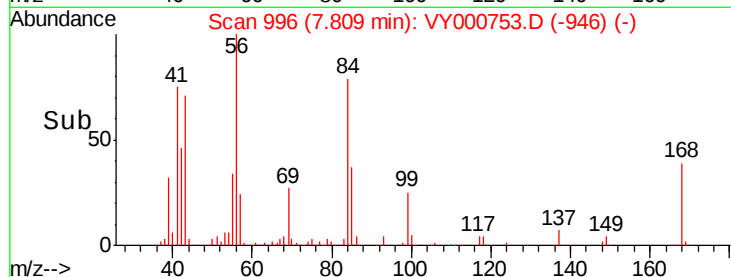
20000

10000

0

Time-->

7.70 7.80 7.90 8.00



#10

Methyl Iodide

Concen: 3.220 ug/l

RT: 4.16 min Scan# 398

Delta R.T. 0.07 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

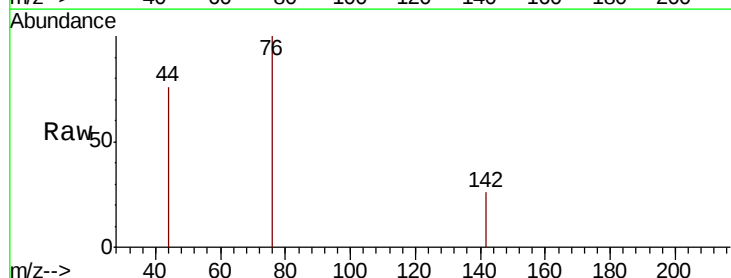
Tgt Ion:142 Resp: 49

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

100

80

60

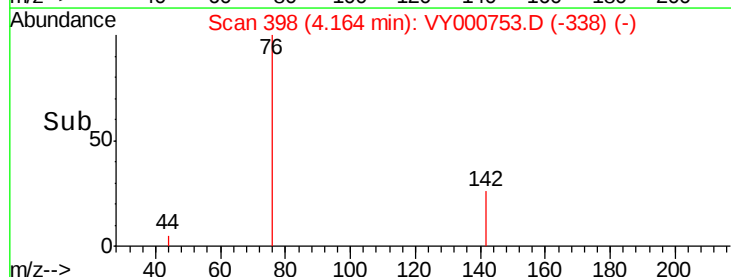
40

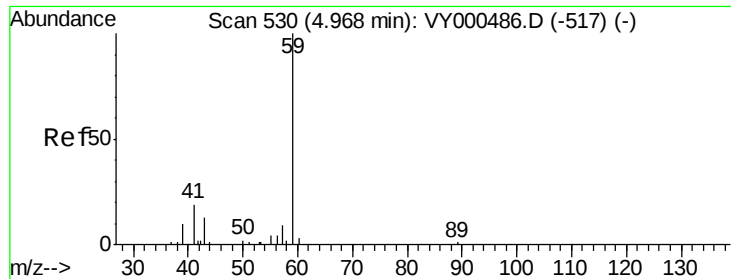
20

0

Time-->

4.14 4.16 4.18

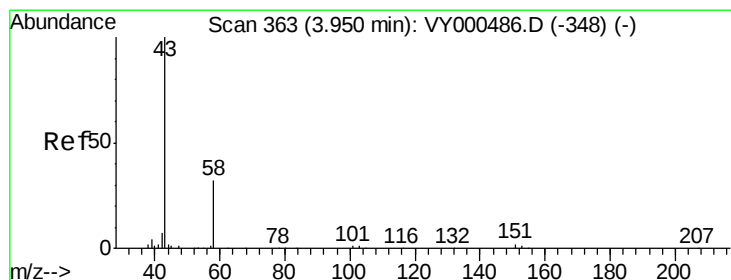
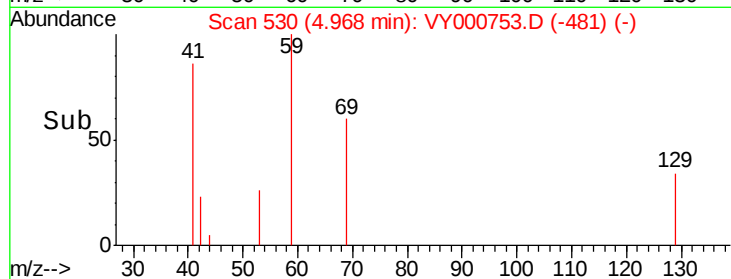
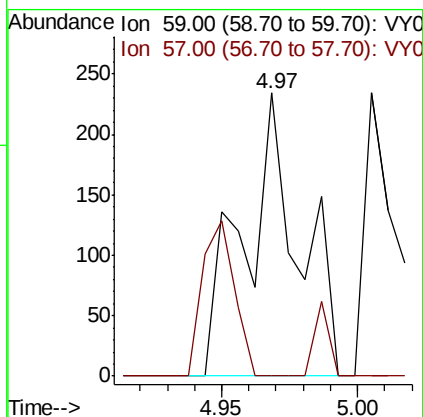
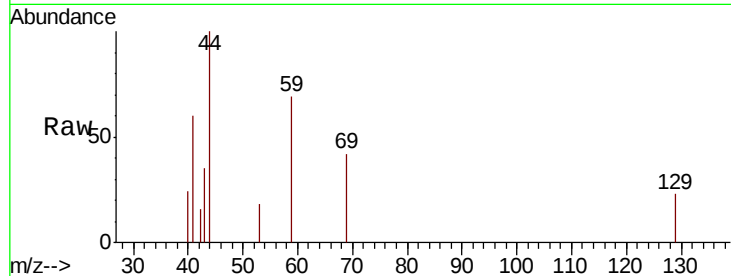




#11
Tert butyl alcohol
Concen: 1.997 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

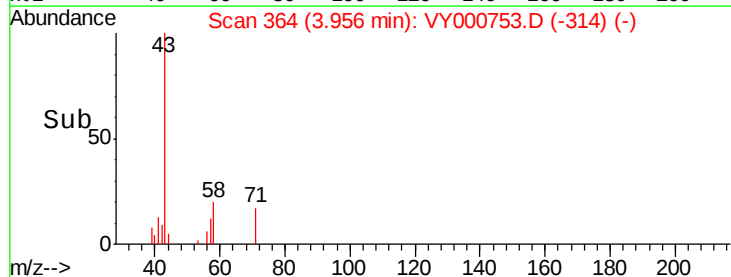
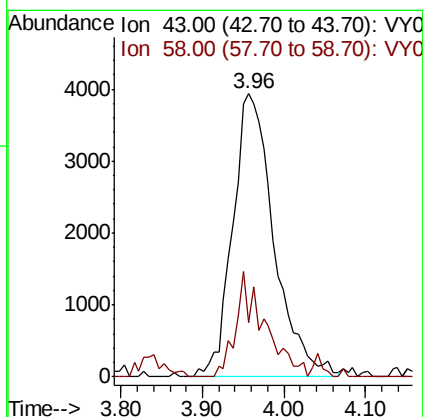
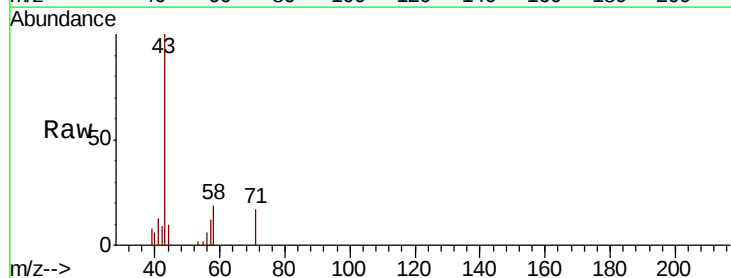
Instrument :
MSVOA_Y
ClientSampleId :

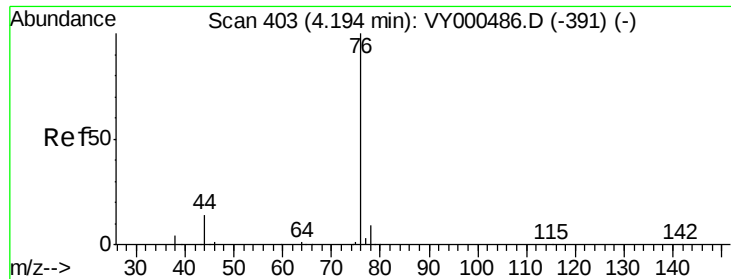
Tot Ion: 59 Resp: 327
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 29.779 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

Tgt Ion: 43 Resp: 13805
Ion Ratio Lower Upper
43 100
58 19.3 25.8 38.6#





#17

Carbon Disulfide

Concen: 1.435 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.02 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

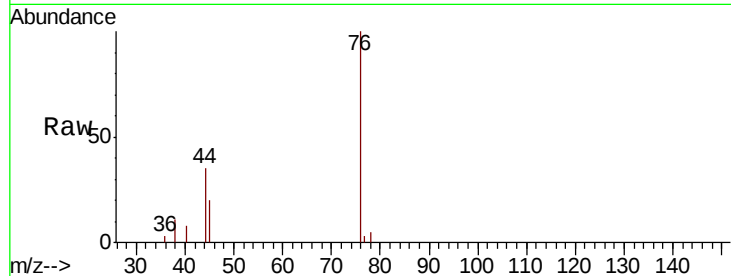
ClientSampleId :

Tot Ion: 76 Resp: 7349

Ion Ratio Lower Upper

76 100

78 5.4 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

2500

2000

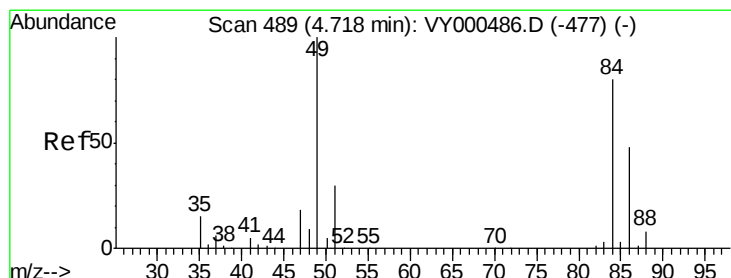
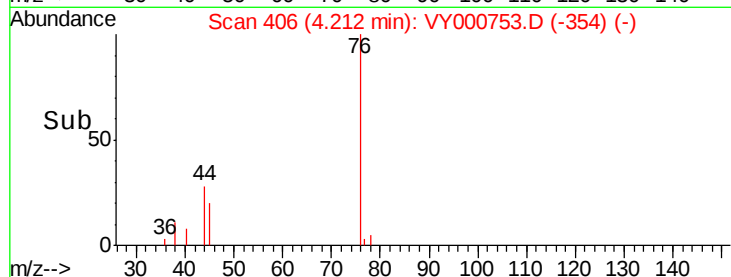
1500

1000

500

0

Time-->



#20

Methylene Chloride

Concen: 4.043 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Tgt Ion: 84 Resp: 8031

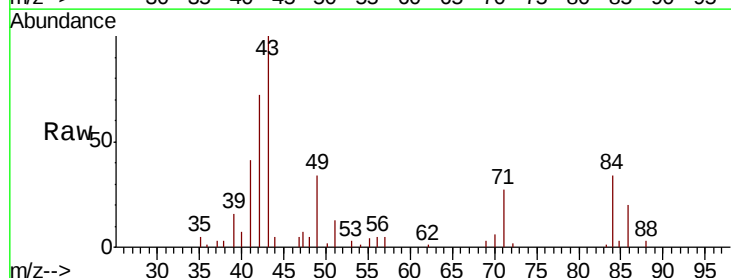
Ion Ratio Lower Upper

84 100

49 102.4 100.2 150.4

51 37.7 29.6 44.4

86 59.5 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

4000

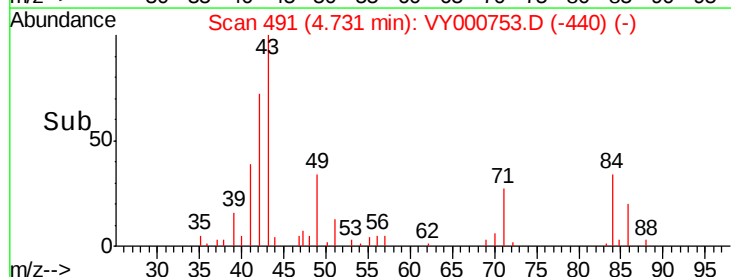
3000

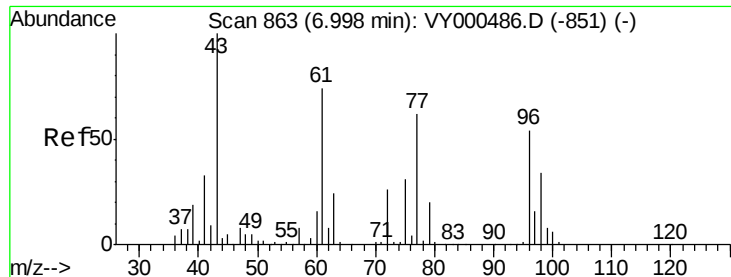
2000

1000

0

Time-->





#25

2-Butanone

Concen: 12.195 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

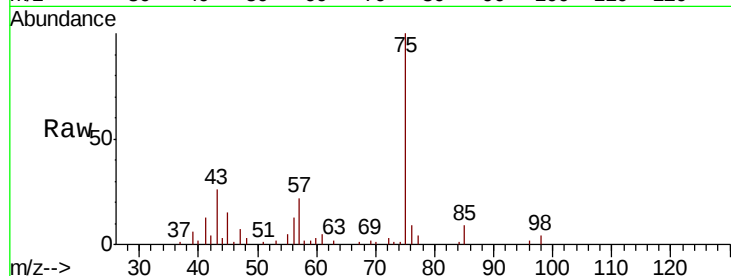
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 9022

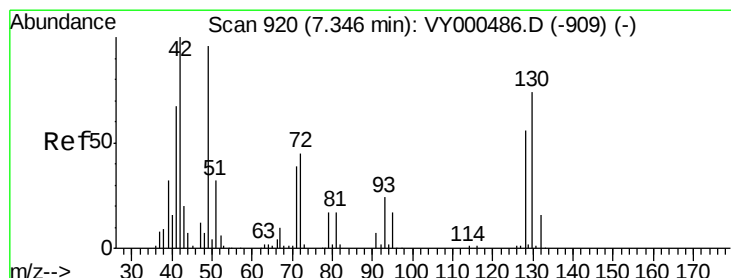
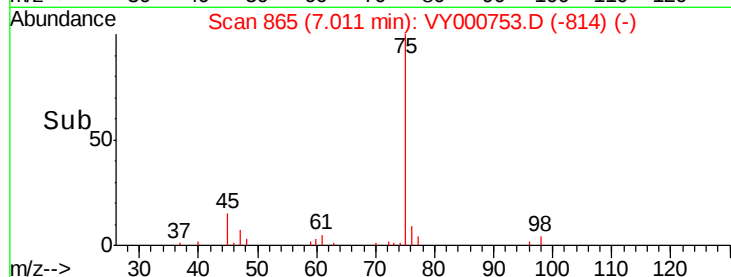
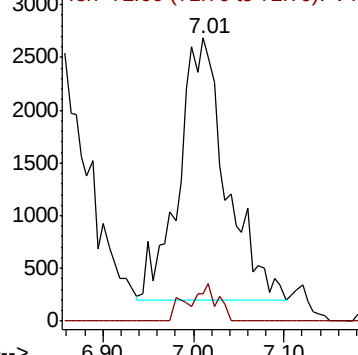
Ion Ratio Lower Upper

43 100

72 10.6 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#28

Bromochloromethane

Concen: 4.492 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.18 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

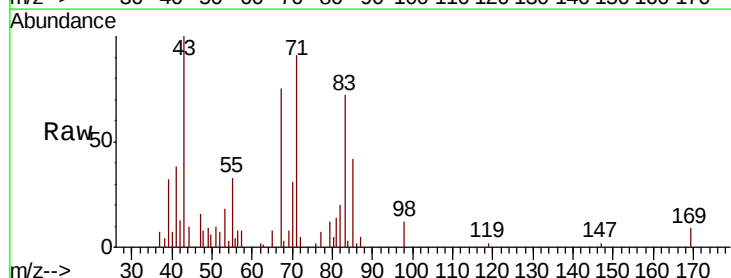
Tgt Ion: 49 Resp: 616

Ion Ratio Lower Upper

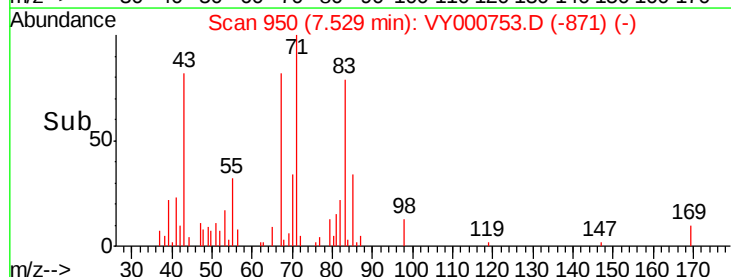
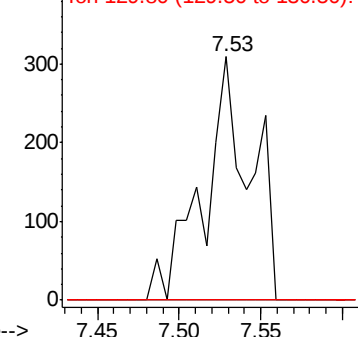
49 100

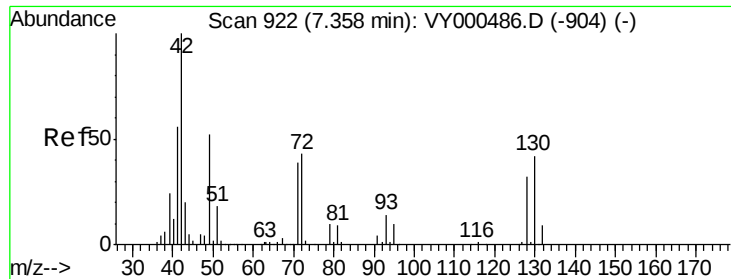
129 0.0 0.0 3.6

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): V
Ion 129.80 (129.50 to 130.50): V

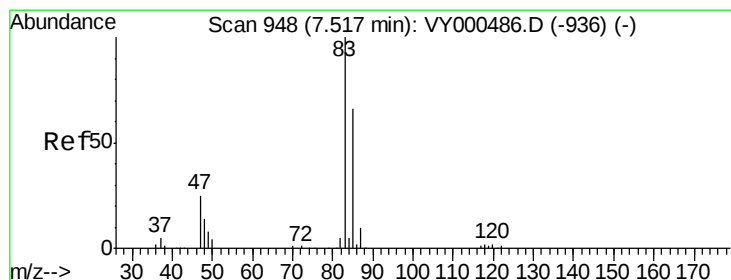
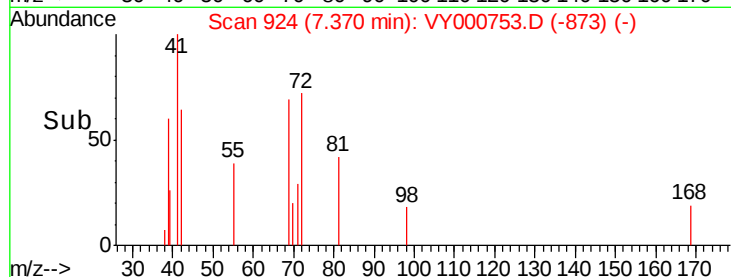
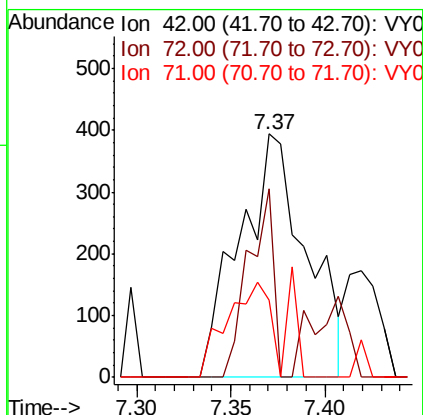
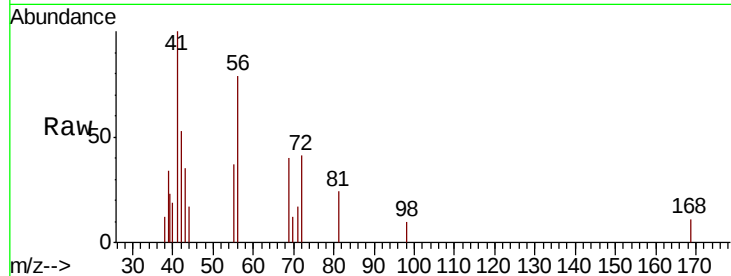




#29
Tetrahydrofuran
Concen: 2.134 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

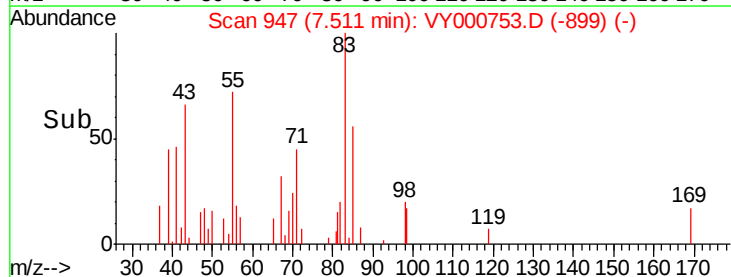
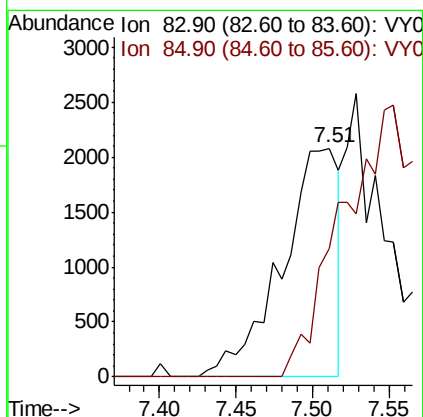
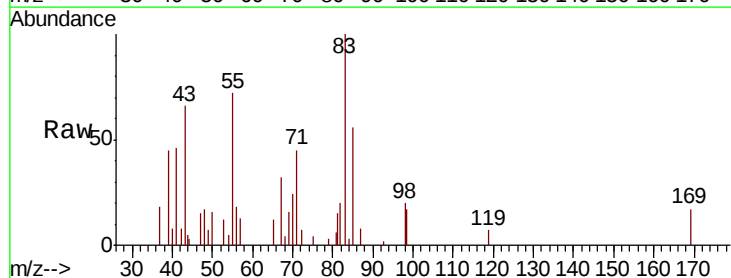
Instrument :
MSVOA_Y
ClientSampled :

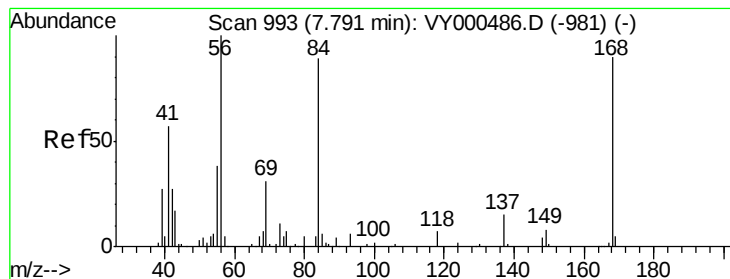
Tot Ion: 42 Resp: 966
Ion Ratio Lower Upper
42 100
72 29.1 34.0 51.0#
71 0.0 30.8 46.2#



#30
Chloroform
Concen: 1.711 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

Tgt Ion: 83 Resp: 5379
Ion Ratio Lower Upper
83 100
85 56.1 53.0 79.4





#31

Cyclohexane

Concen: 157.649 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

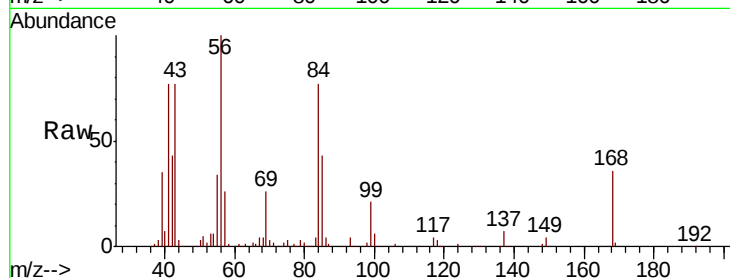
Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 513275

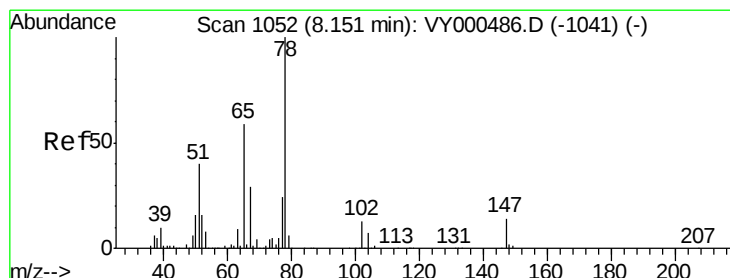
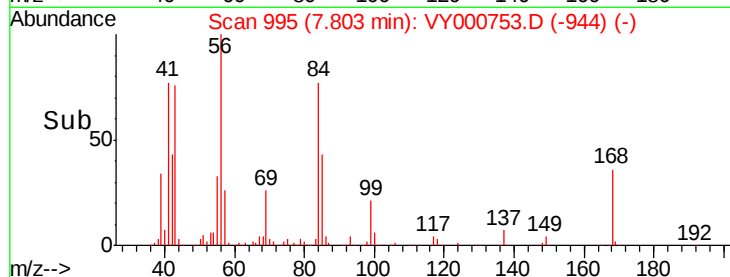
Ion	Ratio	Lower	Upper
56	100		
69	25.8	25.0	37.6
84	77.3	71.4	107.2



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



#33

1,2-Dichloroethane-d4

Concen: 55.243 ug/l

RT: 8.16 min Scan# 1053

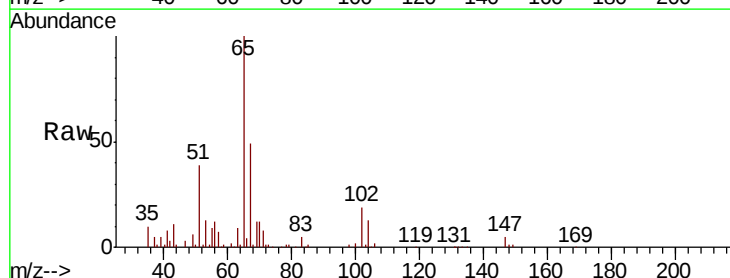
Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

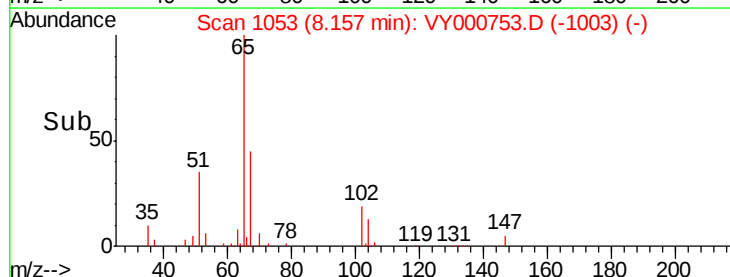
Tgt Ion: 65 Resp: 92918

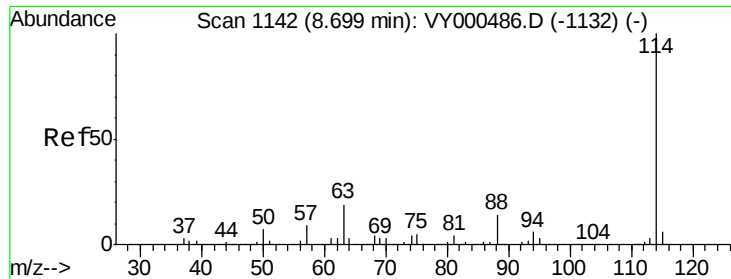
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

ClientSampleId :

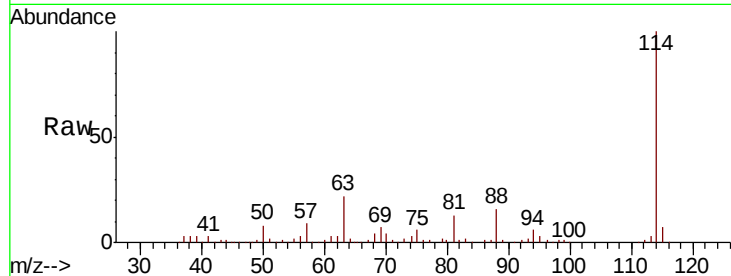
Tot Ion:114 Resp: 280024

Ion Ratio Lower Upper

114 100

63 22.5 0.0 38.0

88 15.7 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

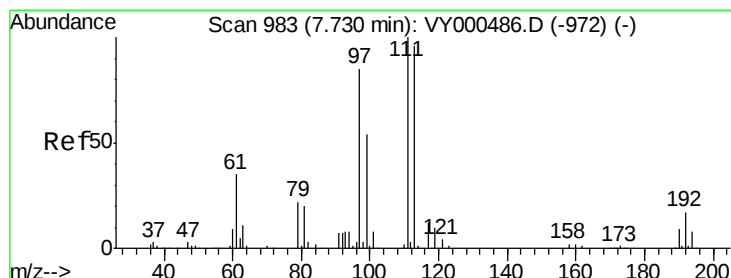
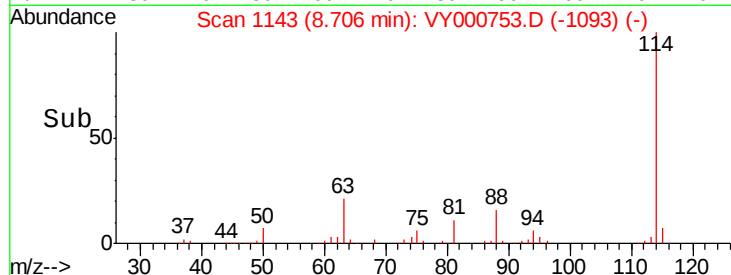
8.71

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 50.923 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

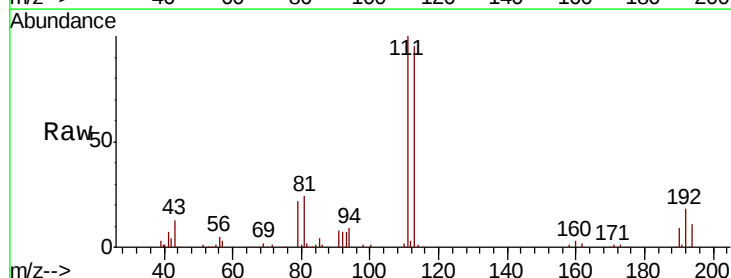
Tgt Ion:113 Resp: 83713

Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

192 19.5 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.74

40000

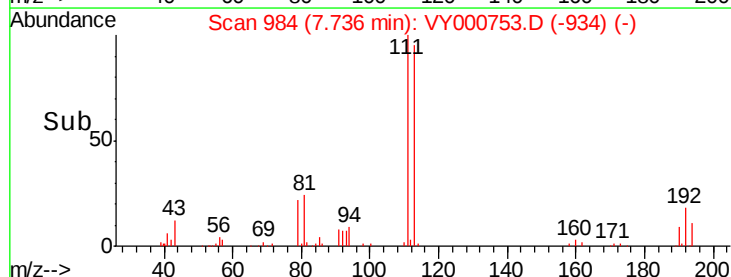
30000

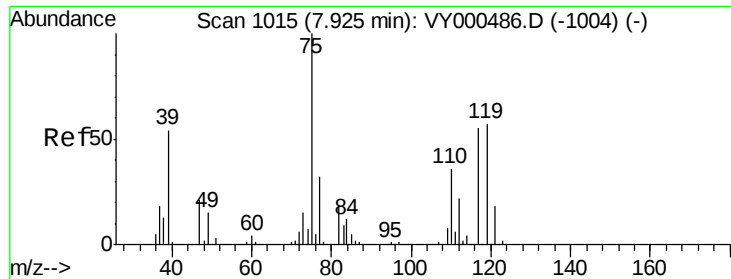
20000

10000

0

Time-->





#36

1,1-Dichloropropene

Concen: 4.938 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.11 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

ClientSampled :

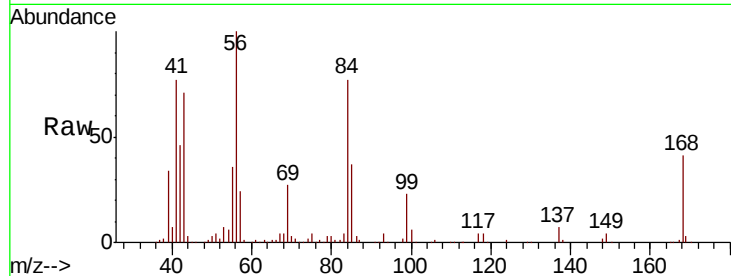
Tot Ion: 75 Resp: 13071

Ion Ratio Lower Upper

75 100

110 10.9 18.1 54.1#

77 40.9 25.0 37.6#

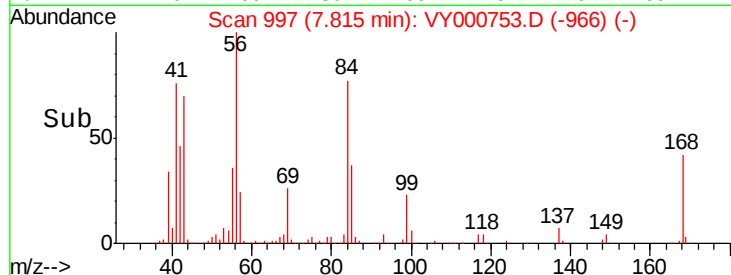


Abundance Ion 74.90 (74.60 to 75.60): VY000753.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY000753.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY000753.D (-966) (-)

Time-->

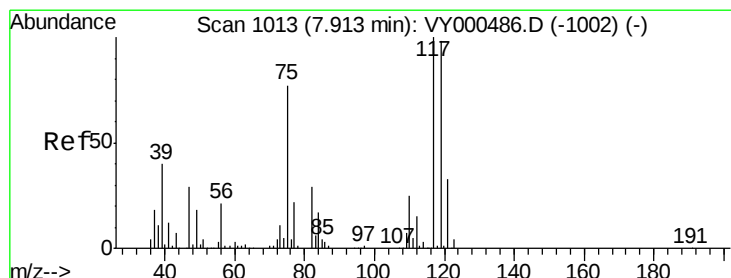


Abundance Ion 74.90 (74.60 to 75.60): VY000753.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY000753.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY000753.D (-966) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.166 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

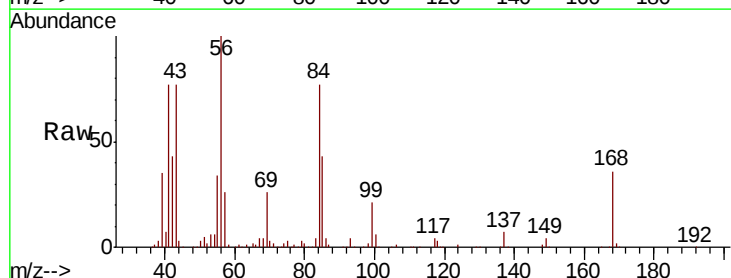
Tgt Ion: 117 Resp: 15705

Ion Ratio Lower Upper

117 100

119 4.2 78.0 117.0#

121 0.0 26.6 40.0#

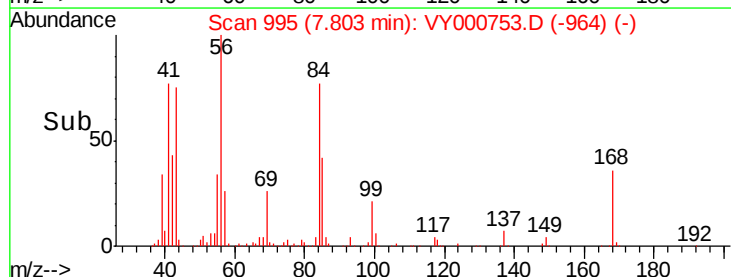


Abundance Ion 116.80 (116.50 to 117.50): VY000753.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000753.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000753.D (-964) (-)

Time-->

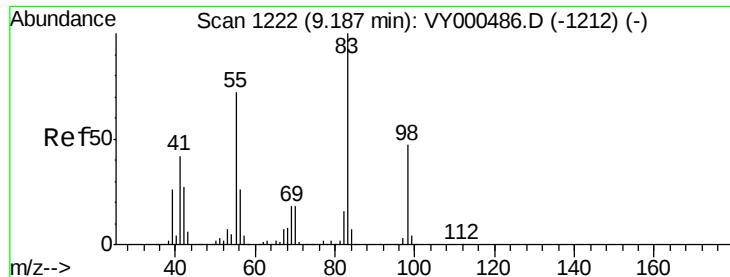


Abundance Ion 116.80 (116.50 to 117.50): VY000753.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000753.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000753.D (-964) (-)

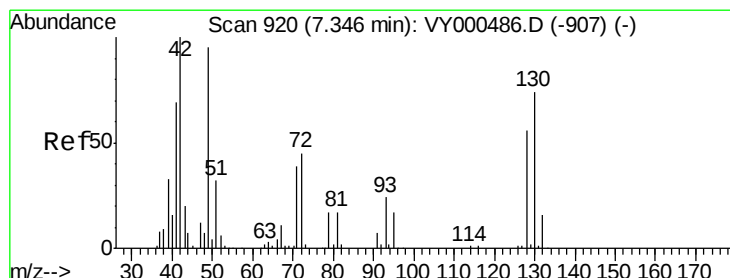
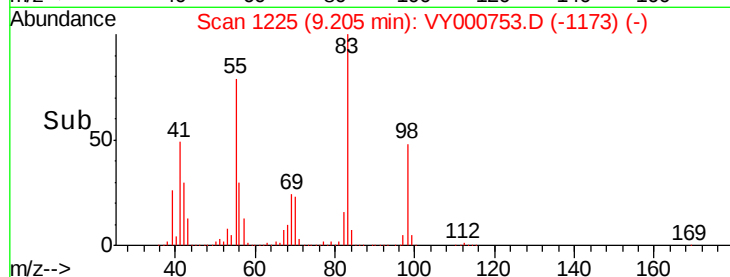
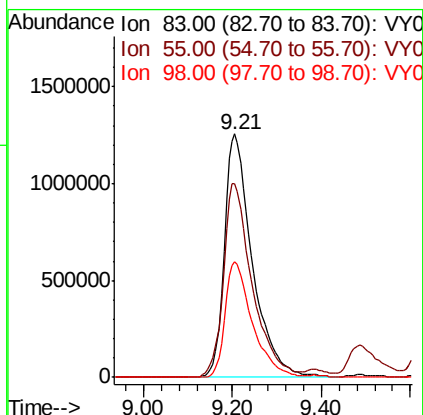
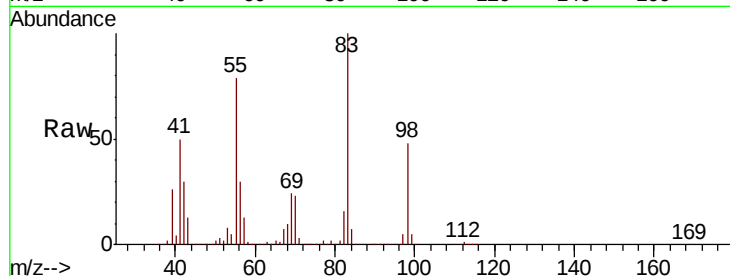
Time-->



#39
Methylcyclohexane
Concen: 1597.738 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.02 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

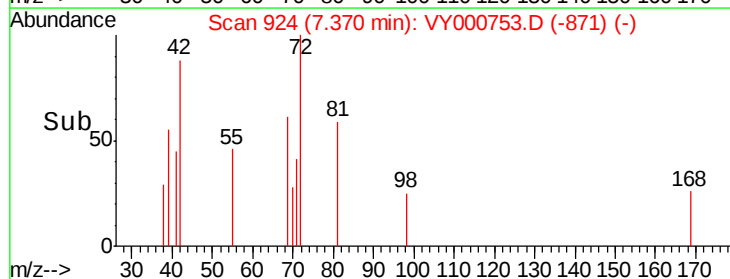
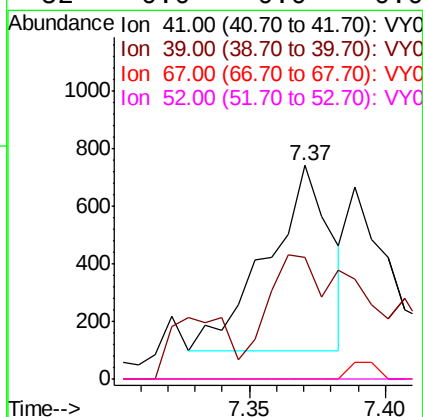
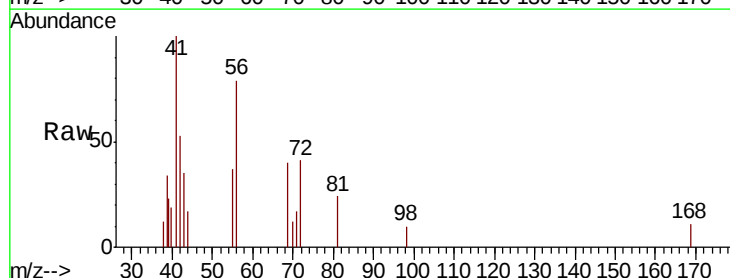
Instrument :
MSVOA_Y
ClientSampled :

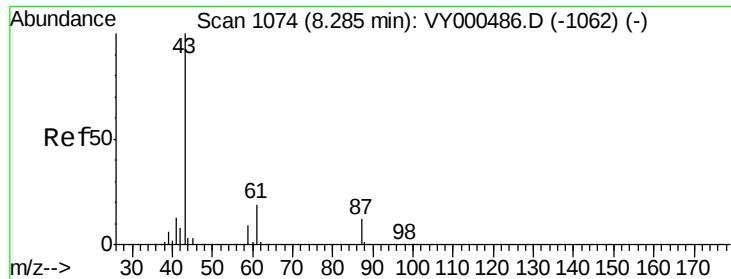
Tot Ion: 83 Resp: 5464262
Ion Ratio Lower Upper
83 100
55 79.3 57.5 86.3
98 47.6 38.0 57.0



#41
Methacrylonitrile
Concen: 1.193 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

Tgt Ion: 41 Resp: 1046
Ion Ratio Lower Upper
41 100
39 93.8 68.2 102.4
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 20.829 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

ClientSampled :

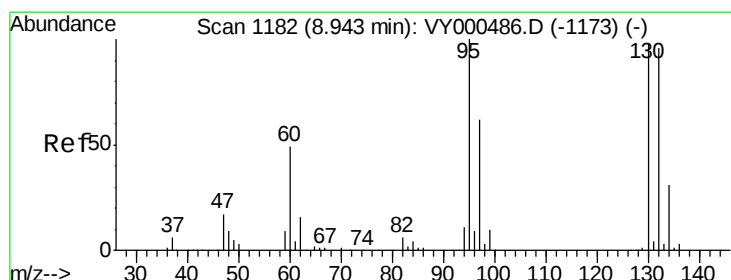
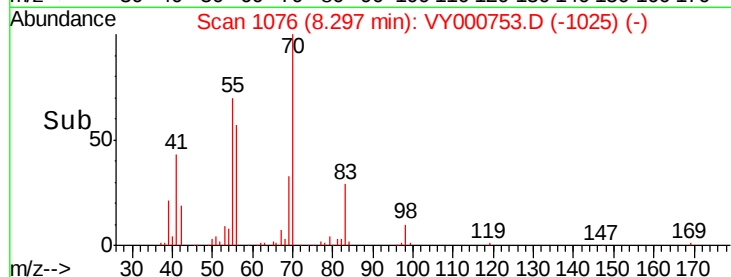
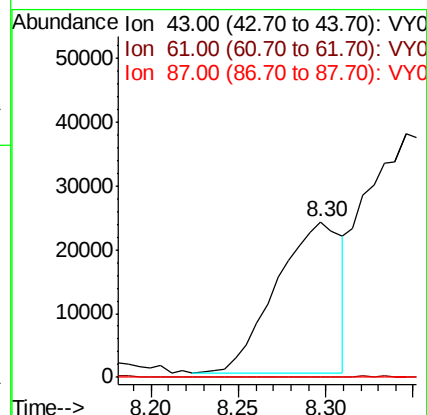
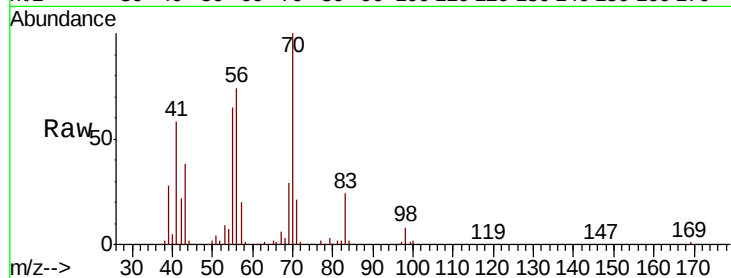
Tot Ion: 43 Resp: 61494

Ion Ratio Lower Upper

43 100

61 0.2 23.0 34.4#

87 0.0 10.5 15.7#



#44

Trichloroethene

Concen: 7.948 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY000753.D

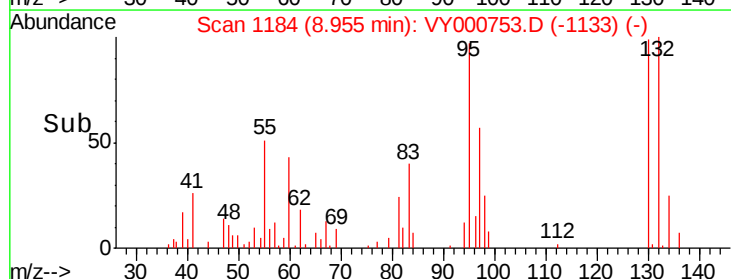
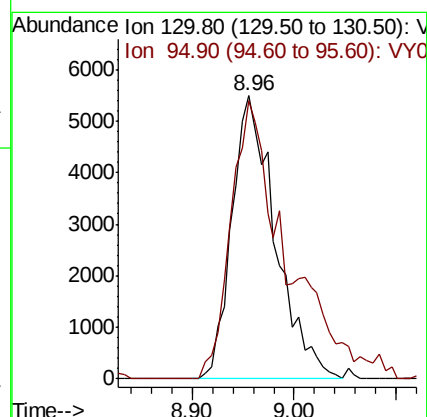
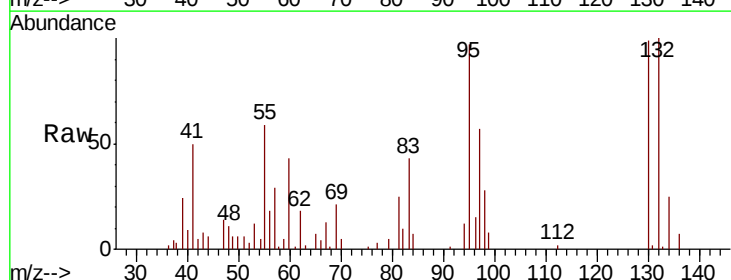
Acq: 20 Nov 2019 15:48

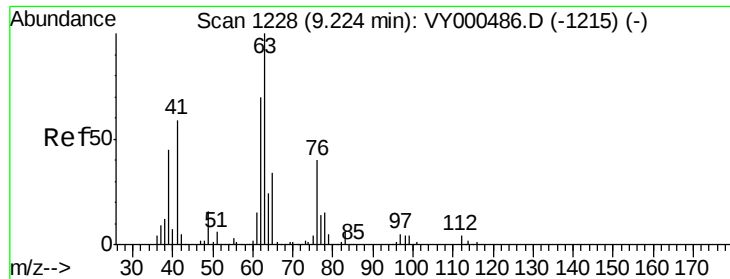
Tgt Ion: 130 Resp: 16263

Ion Ratio Lower Upper

130 100

95 98.3 0.0 203.2

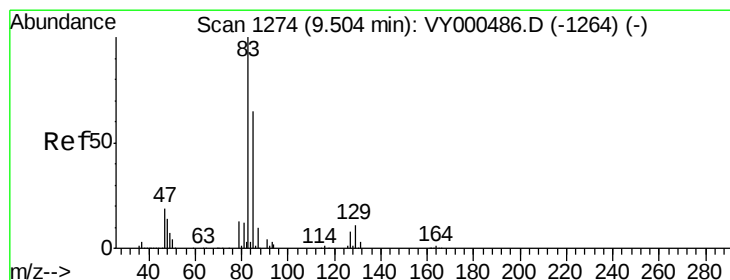
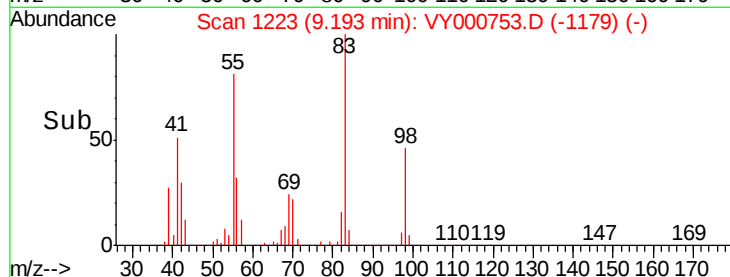
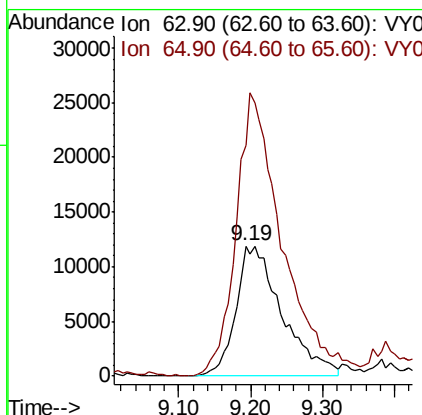
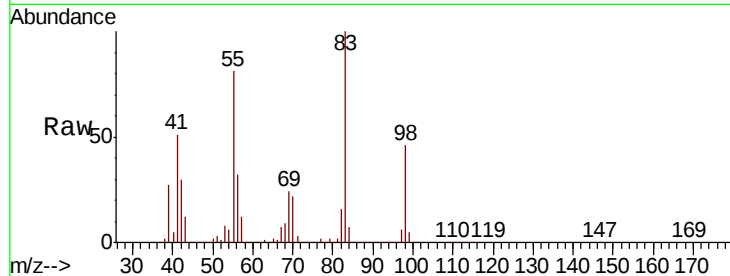




#45
 1,2-Dichloropropane
 Concen: 27.730 ug/l
 RT: 9.19 min Scan# 1223
 Delta R.T. -0.03 min
 Lab File: VY000753.D
 Acq: 20 Nov 2019 15:48

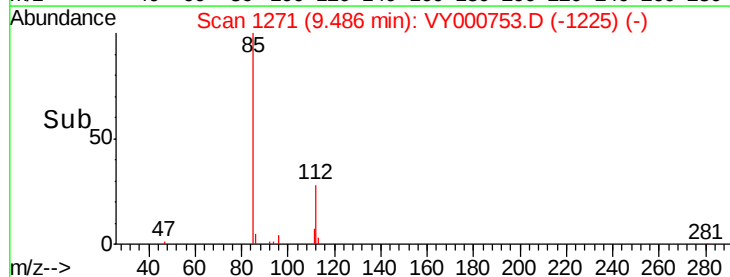
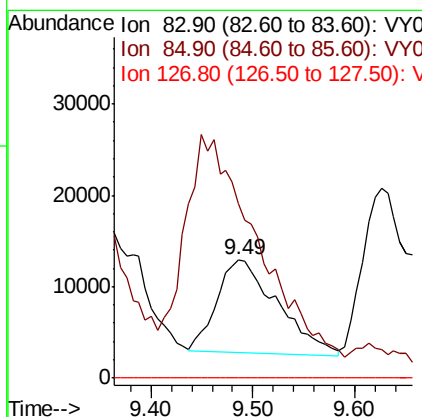
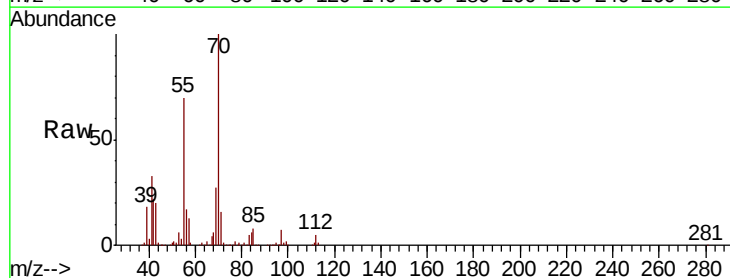
Instrument :
 MSVOA_Y
 ClientSampled :

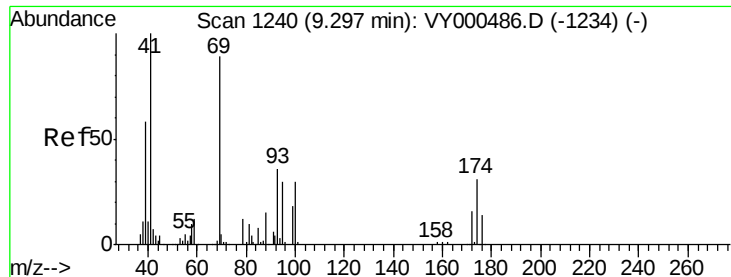
Tot Ion: 63 Resp: 52967
 Ion Ratio Lower Upper
 63 100
 65 177.8 27.0 40.4#



#47
 Bromodichloromethane
 Concen: 16.784 ug/l
 RT: 9.49 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: VY000753.D
 Acq: 20 Nov 2019 15:48

Tgt Ion: 83 Resp: 41837
 Ion Ratio Lower Upper
 83 100
 85 160.2 51.8 77.8#
 127 0.0 6.7 10.1#

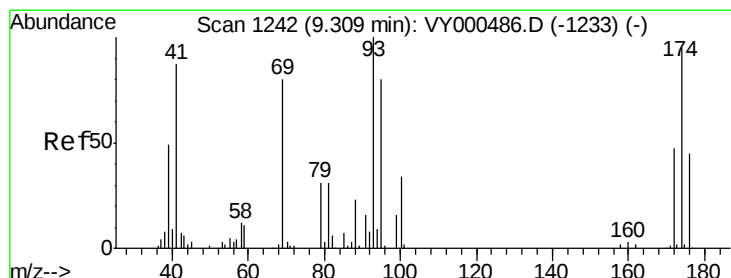
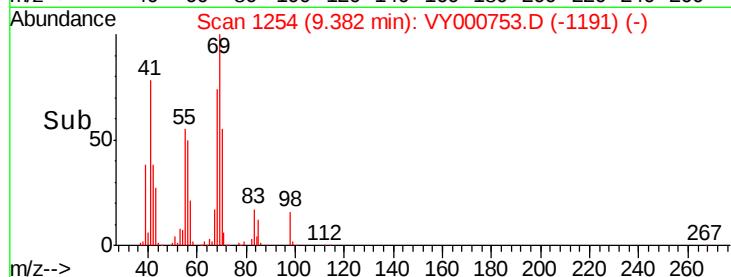
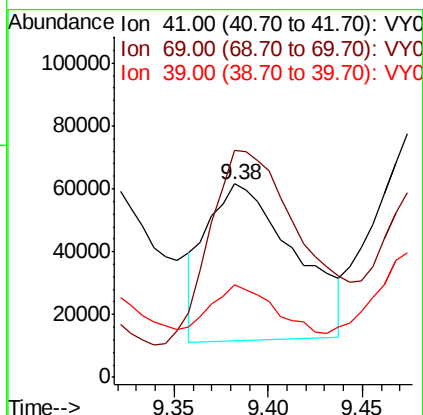
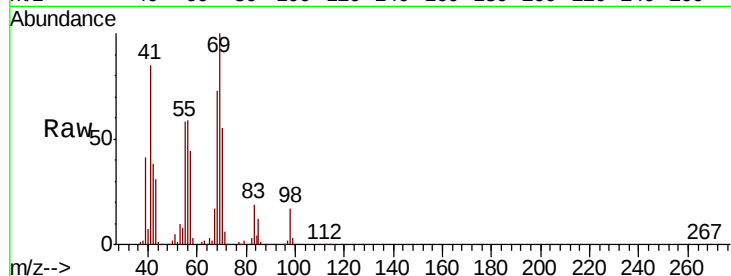




#48
Methvl methacrylate
Concen: 125.411 ug/l
RT: 9.38 min Scan# 1254
Delta R.T. 0.09 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

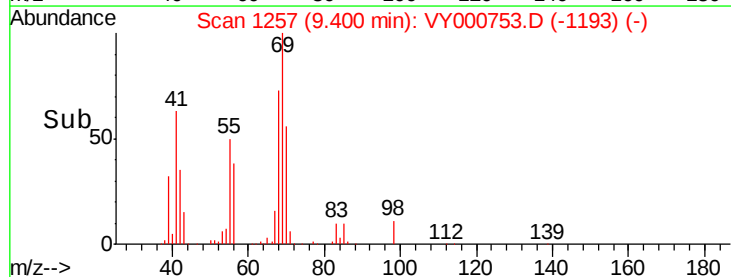
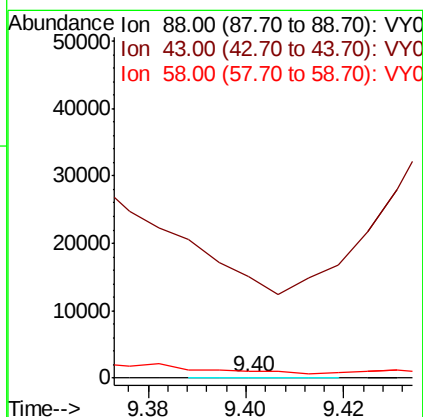
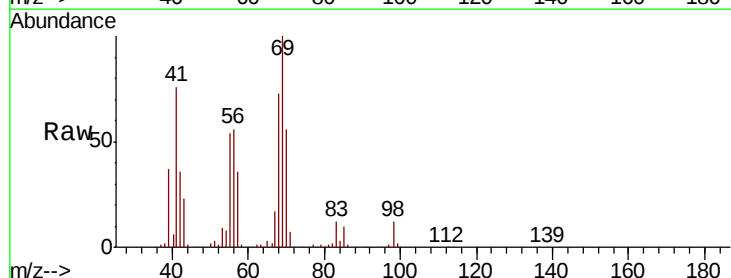
Instrument :
MSVOA_Y
ClientSampled :

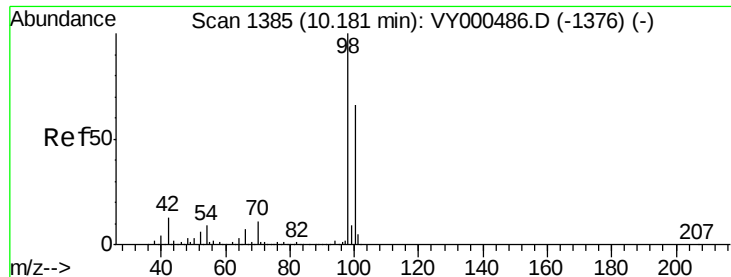
Tot Ion: 41 Resp: 161776
Ion Ratio Lower Upper
41 100
69 141.3 72.5 108.7#
39 44.3 47.8 71.8#



#49
1,4-Dioxane
Concen: 4.385 ug/l
RT: 9.40 min Scan# 1257
Delta R.T. 0.09 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 0.0 50.6 75.8#





#50

Toluene-d8

Concen: 252.640 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.02 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

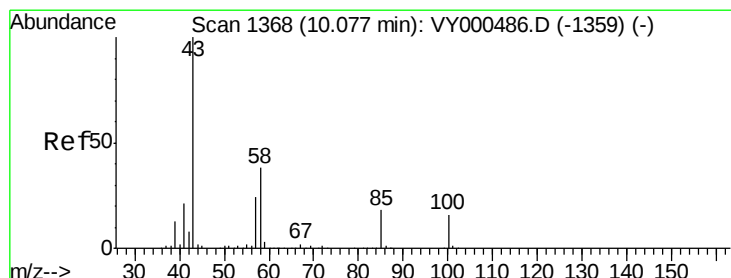
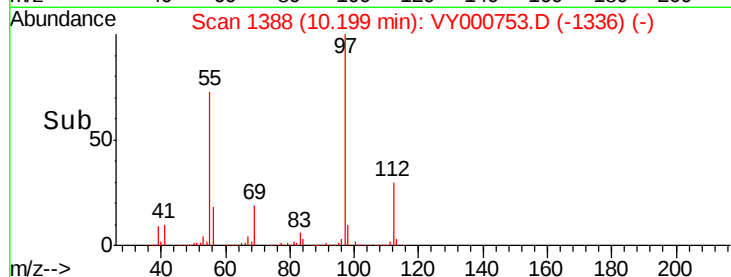
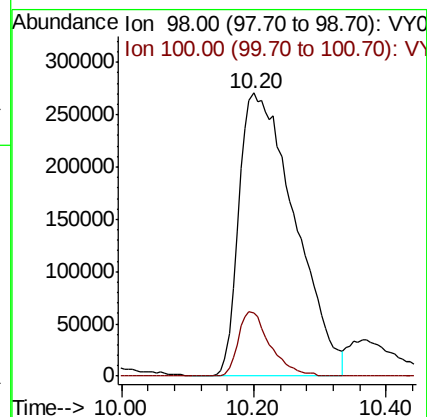
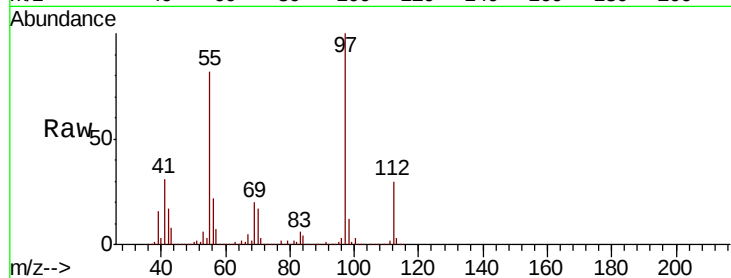
ClientSampled :

Tot Ion: 98 Resp: 1575919

Ion Ratio Lower Upper

98 100

100 13.1 52.9 79.3#



#51

4-Methyl-2-Pentanone

Concen: 3609.669 ug/l

RT: 9.98 min Scan# 1352

Delta R.T. -0.10 min

Lab File: VY000753.D

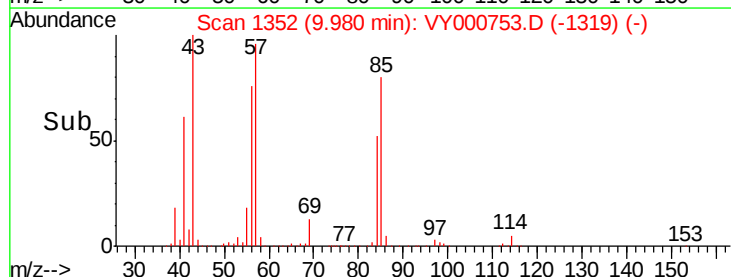
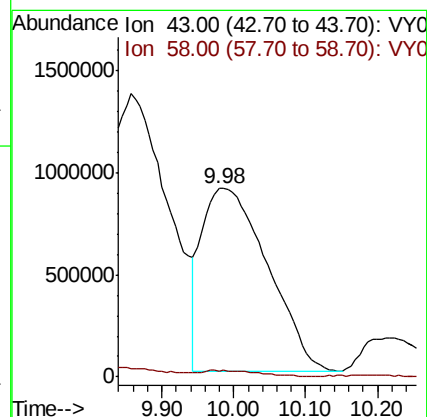
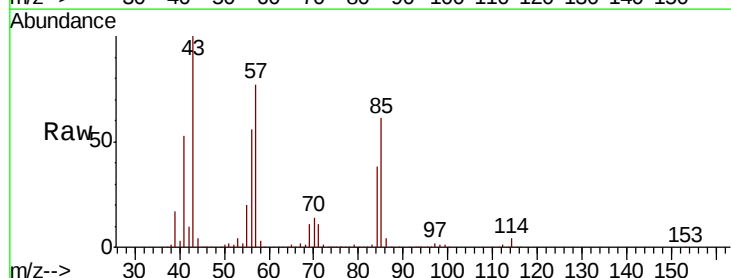
Acq: 20 Nov 2019 15:48

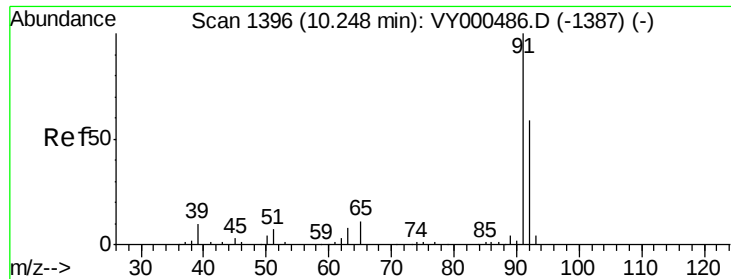
Tgt Ion: 43 Resp: 5666099

Ion Ratio Lower Upper

43 100

58 2.7 30.2 45.4#





#52

Toluene

Concen: 1.205 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

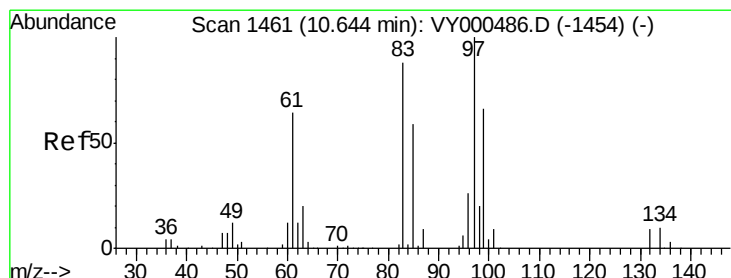
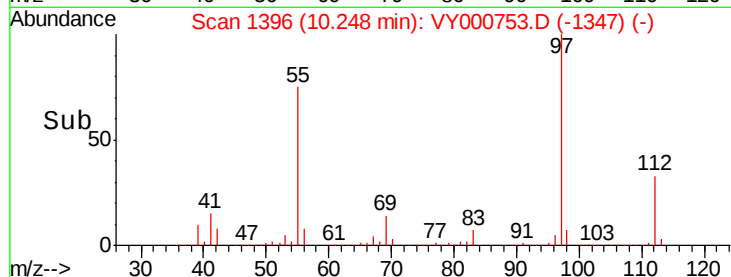
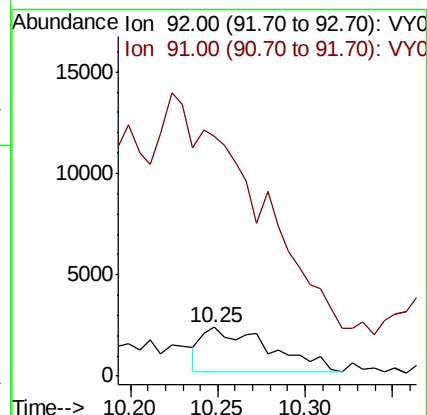
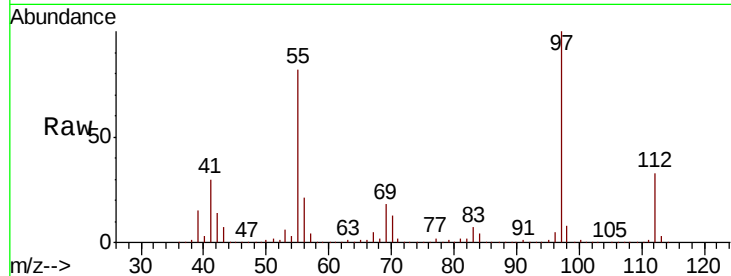
ClientSampleId :

Tot Ion: 92 Resp: 5915

Ion Ratio Lower Upper

92 100

91 0.0 136.3 204.5#



#55

1,1,2-Trichloroethane

Concen: 4279.065 ug/l

RT: 10.55 min Scan# 1445

Delta R.T. -0.10 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Tgt Ion: 97 Resp: 6501697

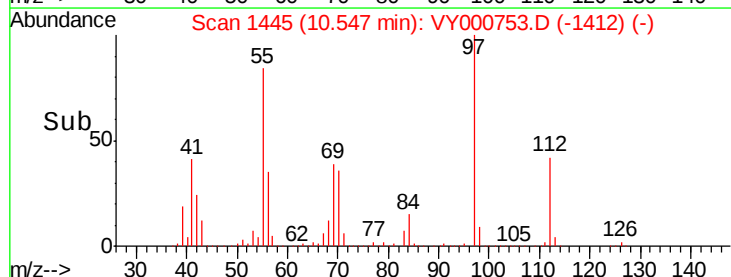
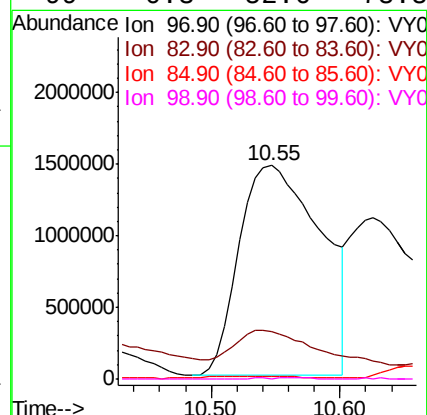
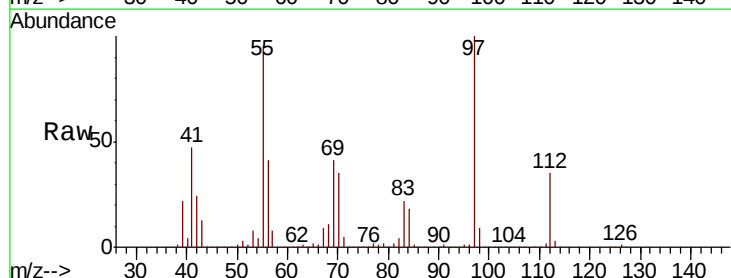
Ion Ratio Lower Upper

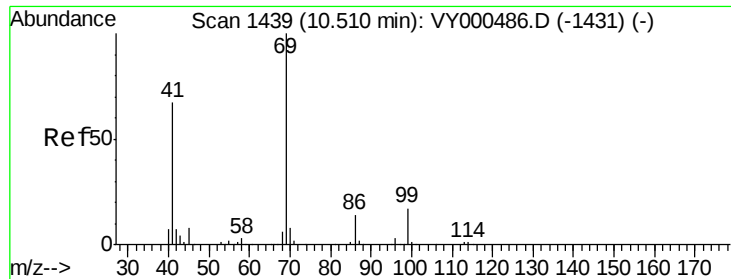
97 100

83 13.0 70.2 105.4#

85 0.8 46.9 70.3#

99 0.3 52.6 78.8#

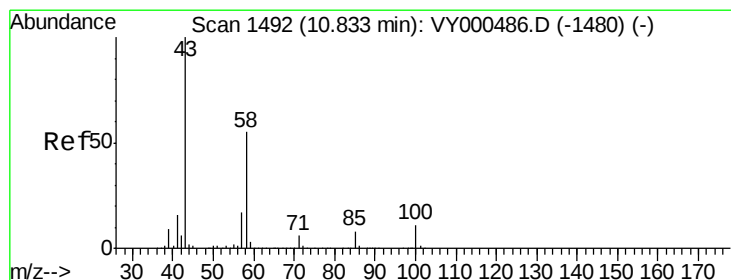
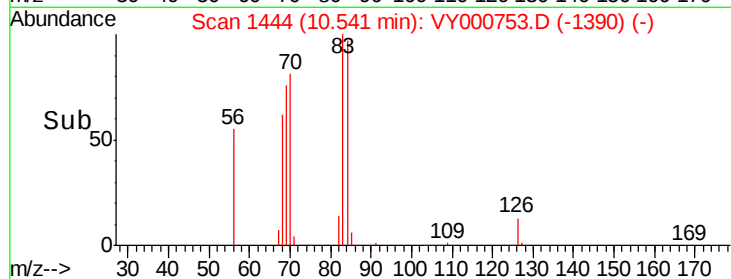
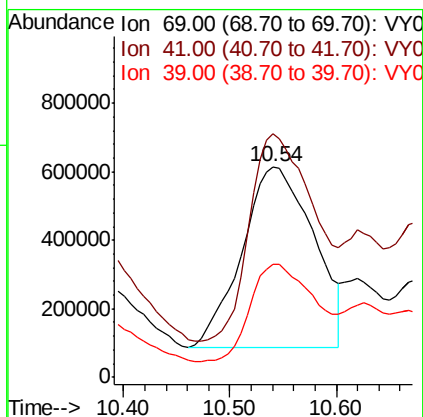
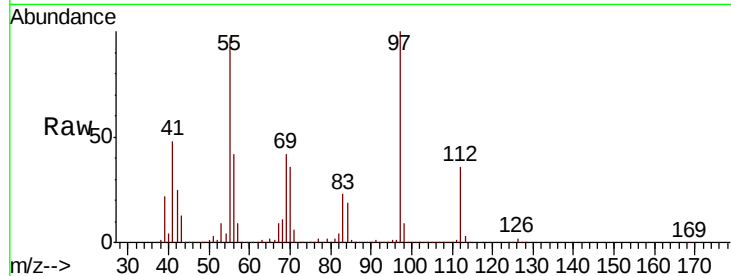




#56
Ethyl methacrylate
Concen: 1153.802 ug/l
RT: 10.54 min Scan# 1444
Delta R.T. 0.03 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

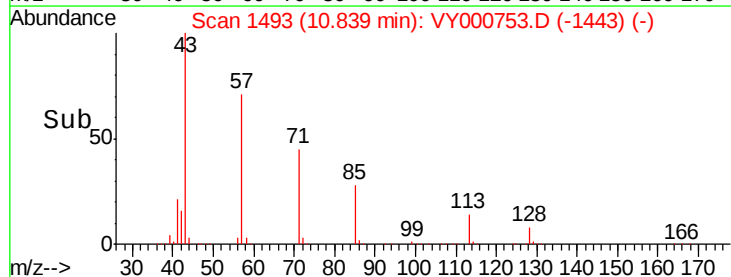
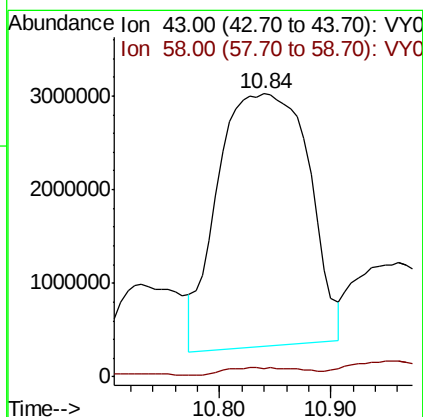
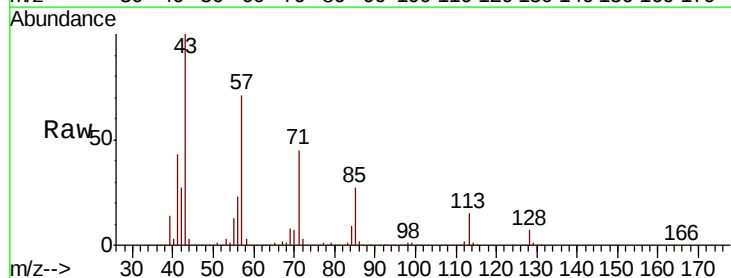
Instrument :
MSVOA_Y
ClientSampled :

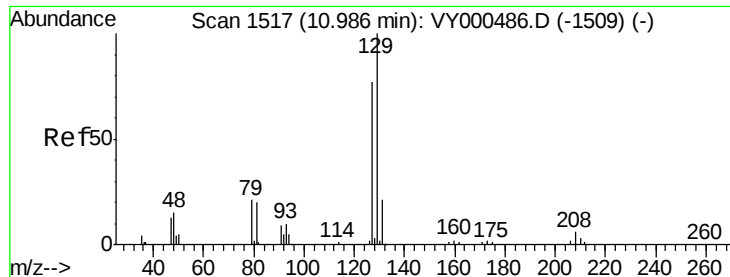
Tot Ion: 69 Resp: 2484750
Ion Ratio Lower Upper
69 100
41 104.6 53.3 79.9#
39 48.5 28.0 42.0#



#59
2-Hexanone
Concen: 13405.291 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

Tgt Ion: 43 Resp: 15331301
Ion Ratio Lower Upper
43 100
58 3.3 27.1 81.3#





#60

Dibromochloromethane

Concen: 19.460 ug/l

RT: 10.96 min Scan# 1512

Delta R.T. -0.03 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

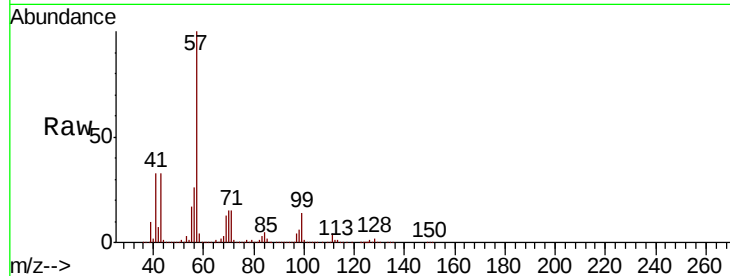
ClientSampled :

Tot Ion:129 Resp: 33867

Ion Ratio Lower Upper

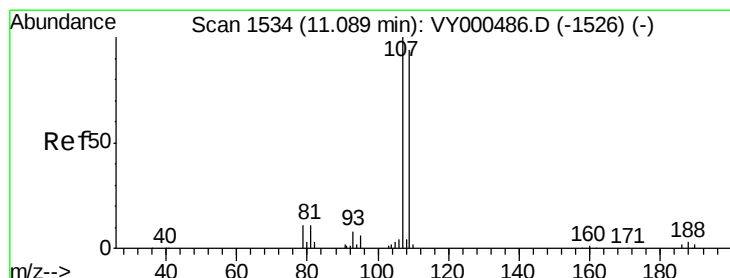
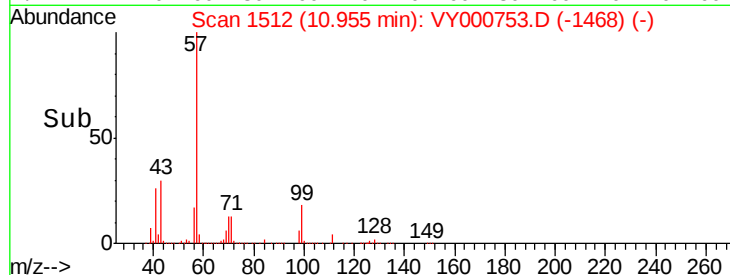
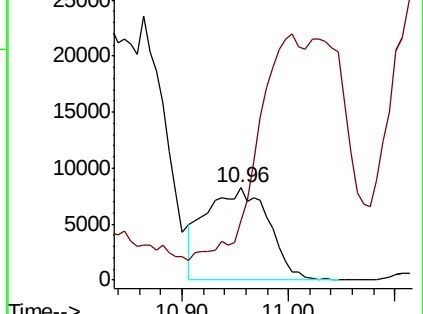
129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 4.162 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. 0.02 min

Lab File: VY000753.D

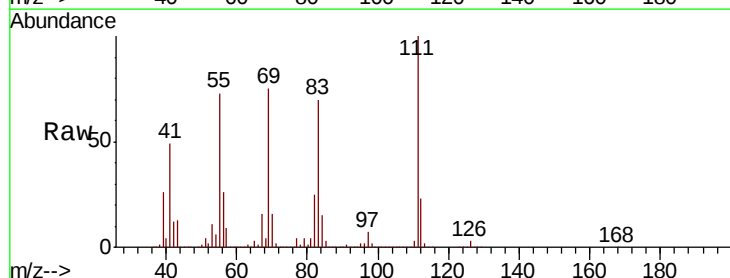
Acq: 20 Nov 2019 15:48

Tgt Ion:107 Resp: 6081

Ion Ratio Lower Upper

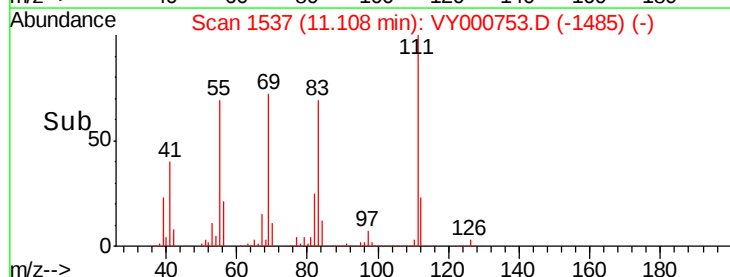
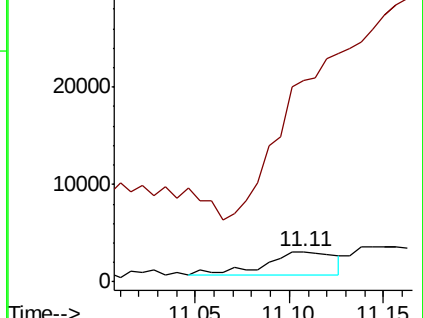
107 100

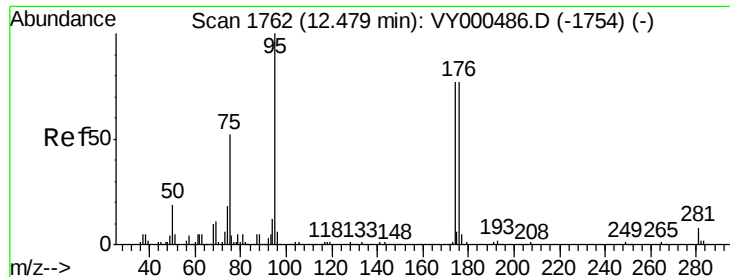
109 0.0 73.6 110.4#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 2454.860 ug/l

RT: 12.46 min Scan# 1759

Delta R.T. -0.02 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

ClientSampleId :

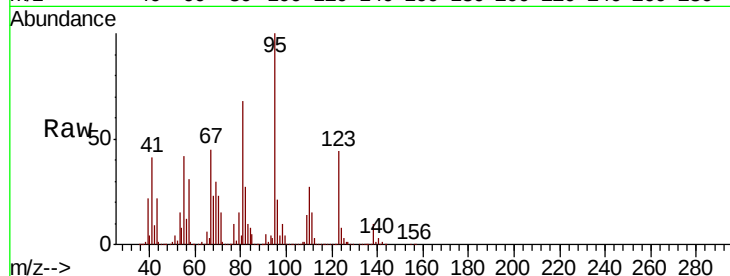
Tot Ion: 95 Resp: 5829554

Ion Ratio Lower Upper

95 100

174 0.0 0.0 161.6

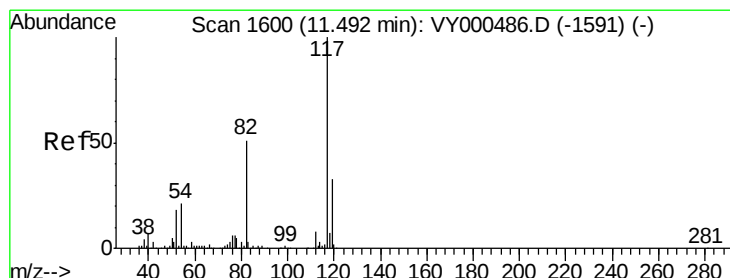
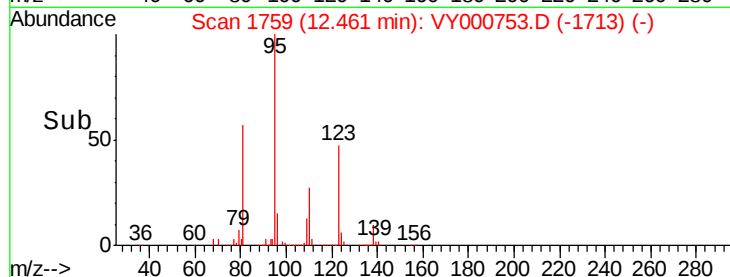
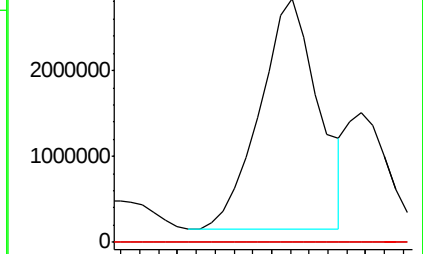
176 0.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000486.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY000486.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000486.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

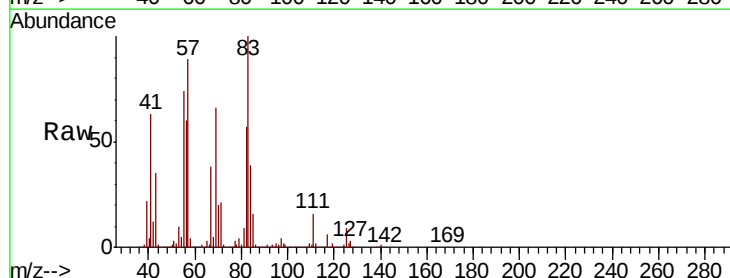
Tgt Ion: 117 Resp: 193596

Ion Ratio Lower Upper

117 100

82 229.2 40.8 61.2#

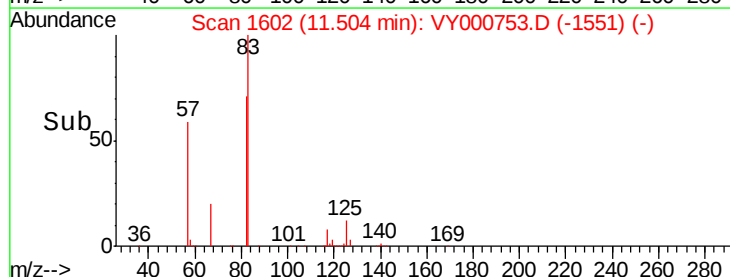
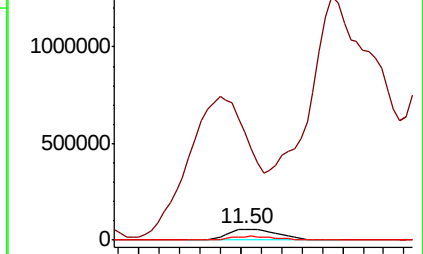
119 31.8 26.2 39.2

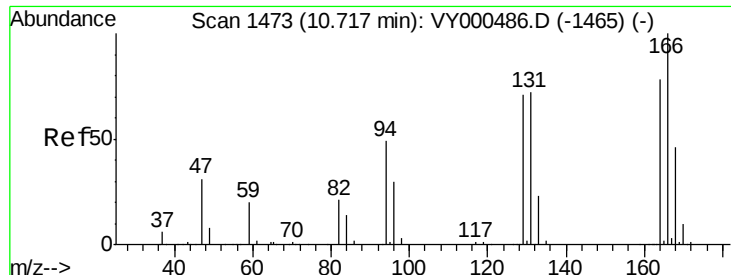


Abundance Ion 116.90 (116.60 to 117.60): VY000486.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY000486.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY000486.D (-1591) (-)





#64

Tetrachloroethene

Concen: 150.322 ug/l

RT: 10.74 min Scan# 1476

Delta R.T. 0.02 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:164 Resp: 240636

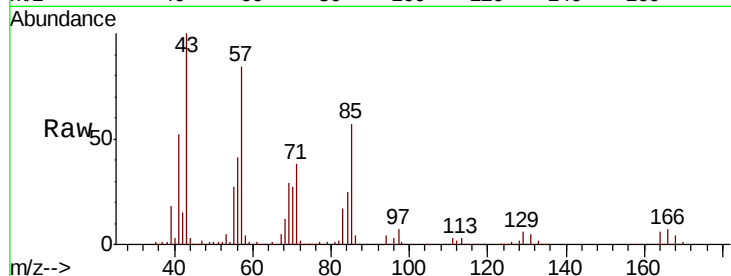
Ion Ratio Lower Upper

164 100

166 126.3 102.7 154.1

129 103.1 73.2 109.8

131 96.0 74.2 111.2



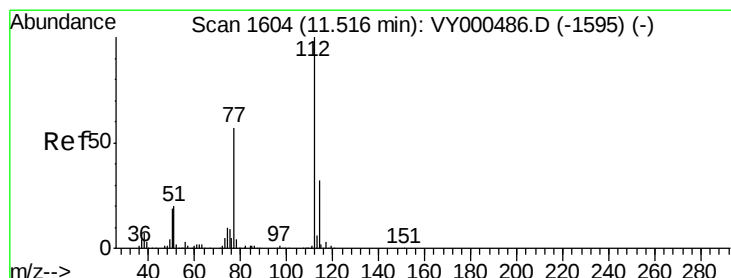
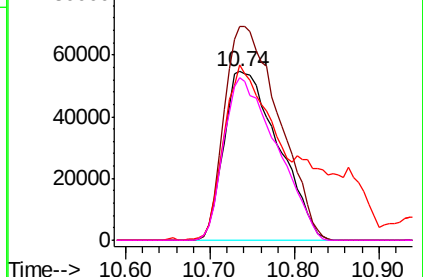
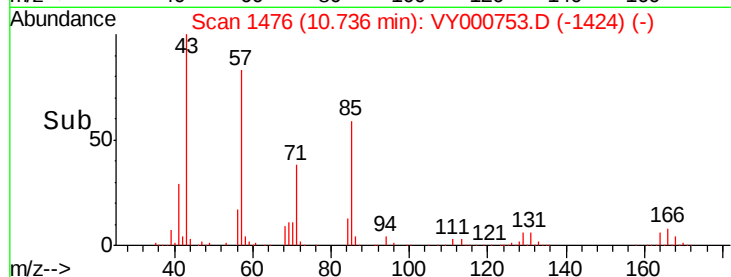
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



#65

Chlorobenzene

Concen: 69.092 ug/l

RT: 11.43 min Scan# 1590

Delta R.T. -0.09 min

Lab File: VY000753.D

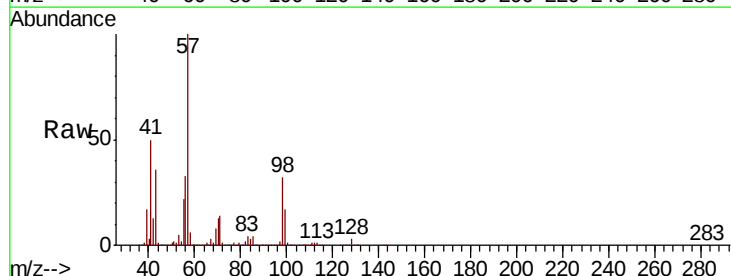
Acq: 20 Nov 2019 15:48

Tgt Ion:112 Resp: 271194

Ion Ratio Lower Upper

112 100

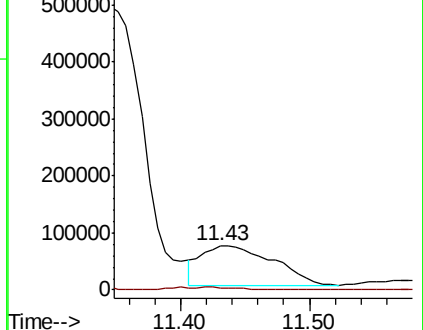
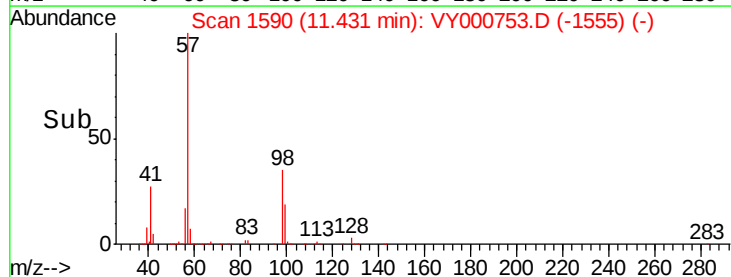
114 5.7 25.3 37.9#

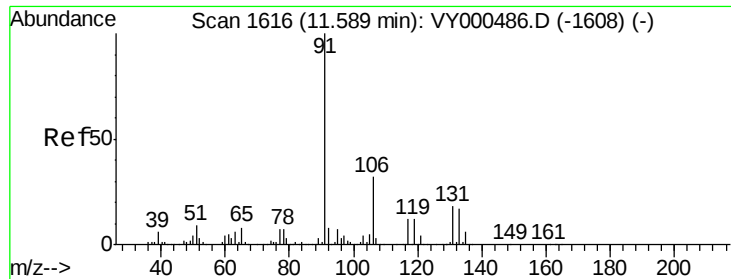


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time-->





#67

Ethyl Benzene

Concen: 473.655 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.13 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

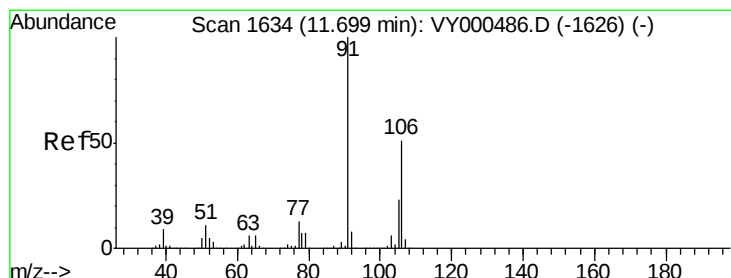
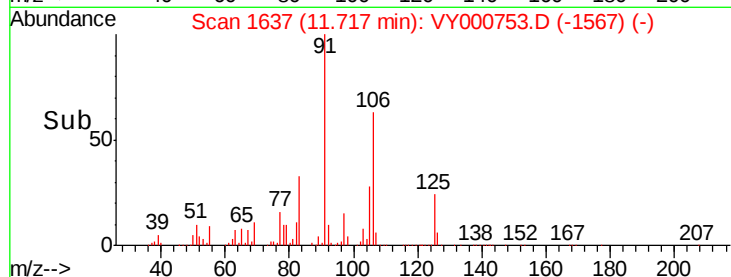
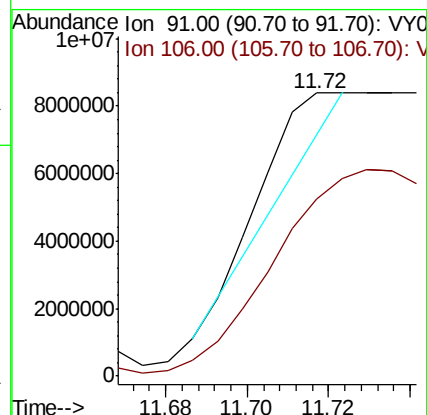
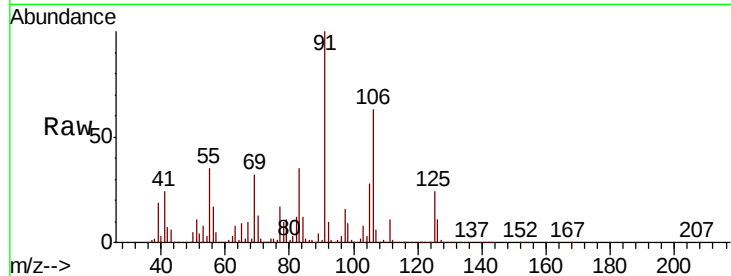
ClientSampled :

Tot Ion: 91 Resp: 3421648

Ion Ratio Lower Upper

91 100

106 65.9 25.4 38.0#



#68

m/p-Xylenes

Concen: 7257.252 ug/l

RT: 11.73 min Scan# 1639

Delta R.T. 0.03 min

Lab File: VY000753.D

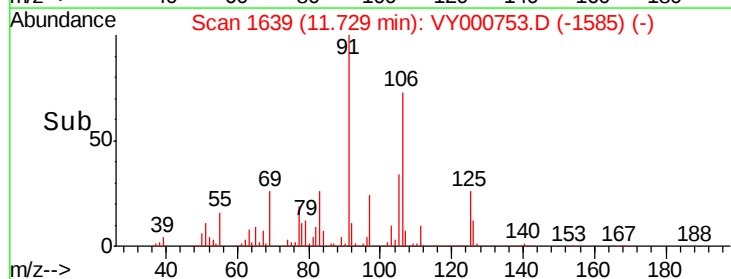
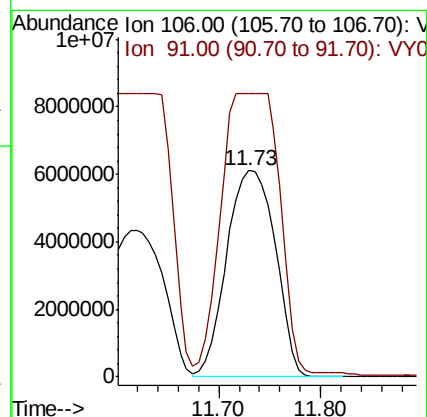
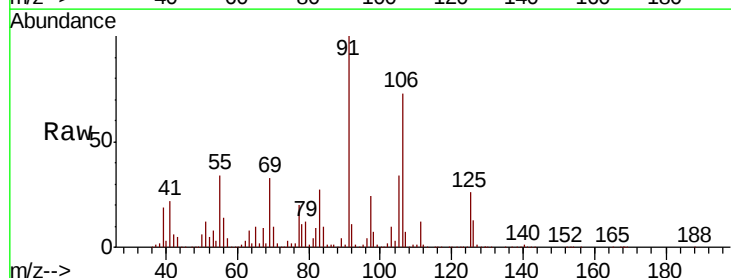
Acq: 20 Nov 2019 15:48

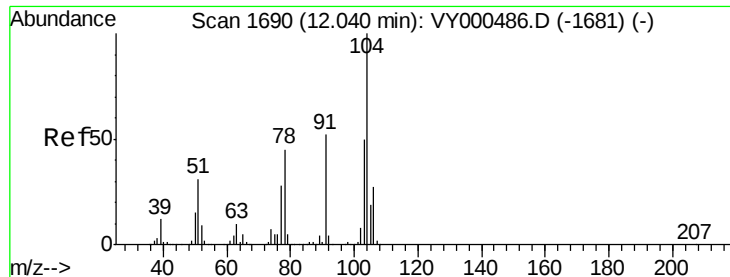
Tgt Ion: 106 Resp: 20290926

Ion Ratio Lower Upper

106 100

91 16.9 155.9 233.9#

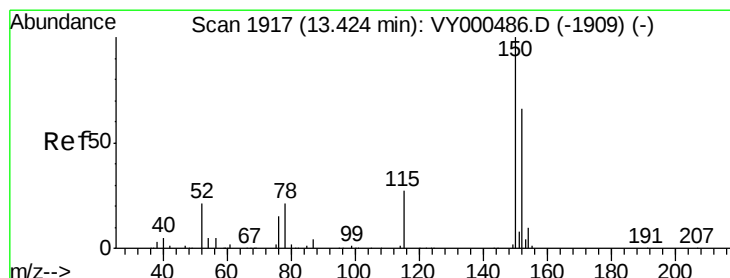
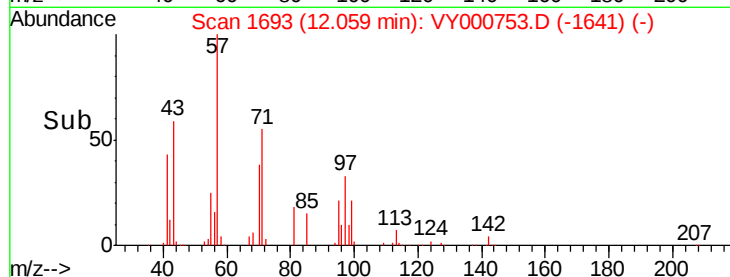
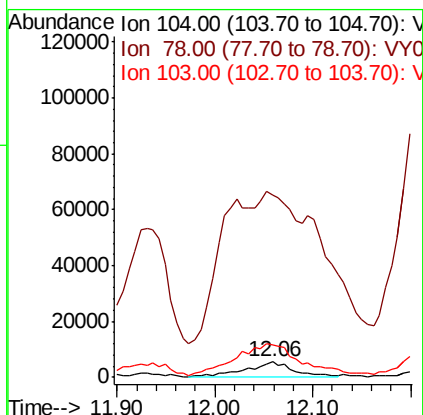
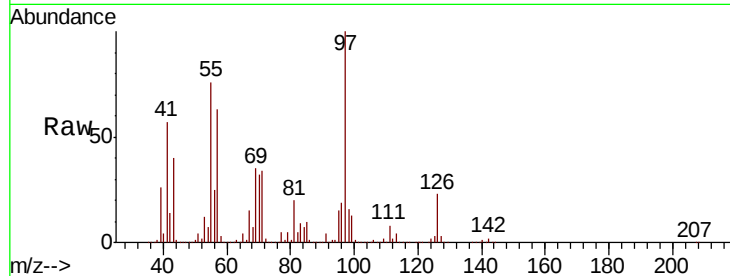




#70
Stvrene
Concen: 4.013 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.02 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

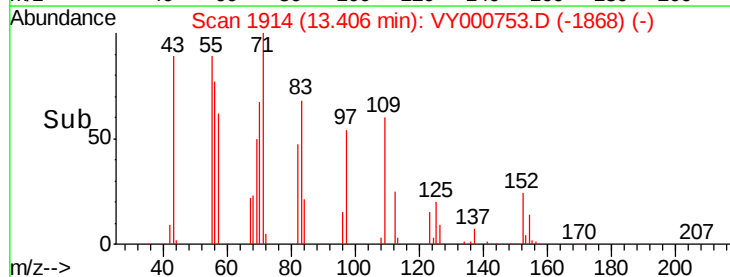
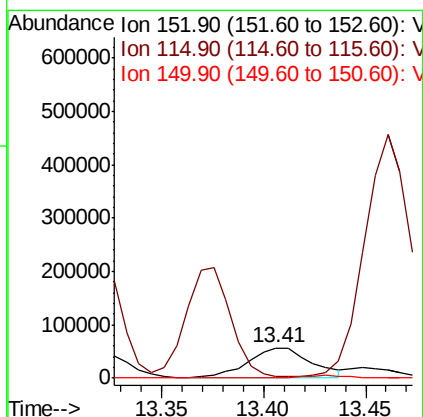
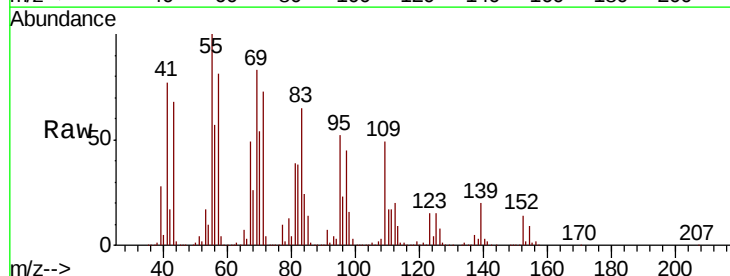
Instrument :
MSVOA_Y
ClientSampled :

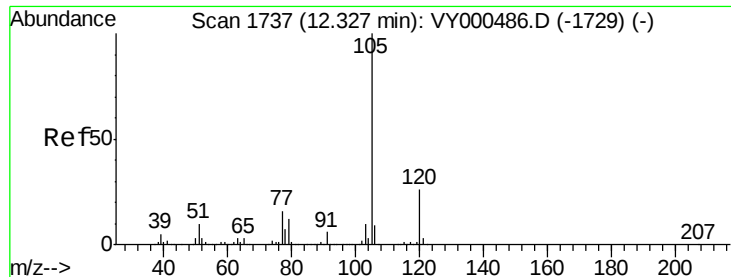
Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.0	58.4#
103	284.2	42.5	63.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.41 min Scan# 1914
Delta R.T. -0.02 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.1	87.4#
150	0.0	0.0	348.8





#73

Isopropylbenzene

Concen: 2142.069 ug/l

RT: 12.36 min Scan# 1742

Delta R.T. 0.03 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

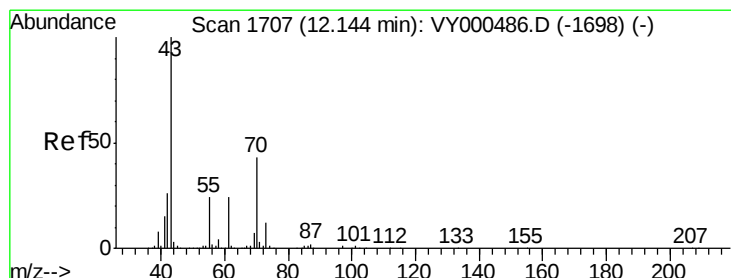
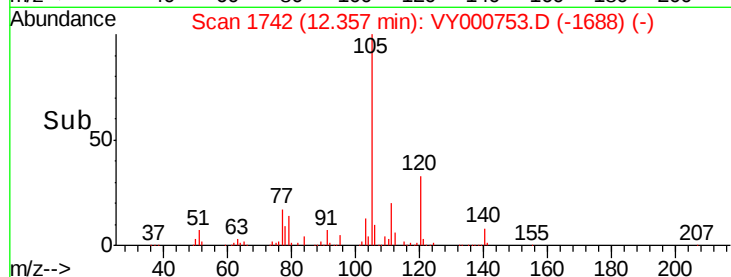
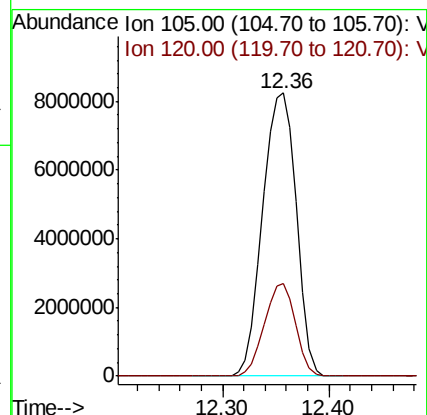
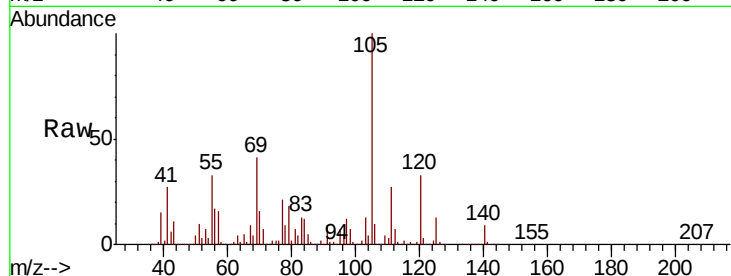
ClientSampleId :

Tot Ion:105 Resp:18254259

Ion Ratio Lower Upper

105 100

120 30.1 13.5 40.4



#74

N-ethyl acetate

Concen: 4121.071 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Tgt Ion: 43 Resp:10057973

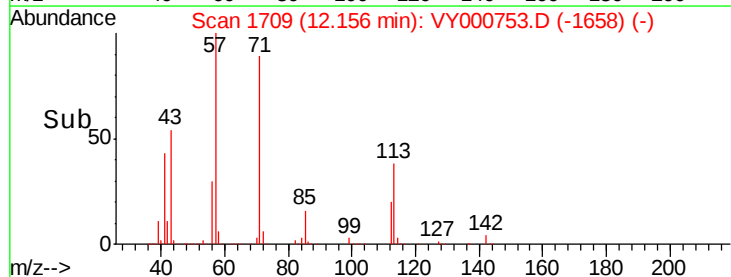
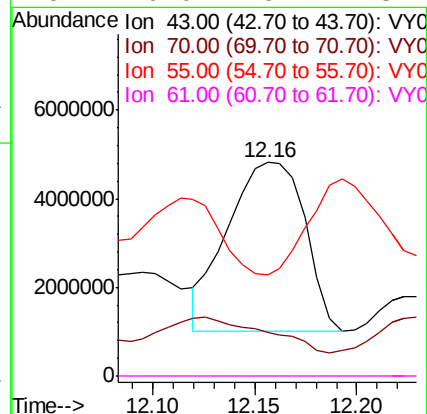
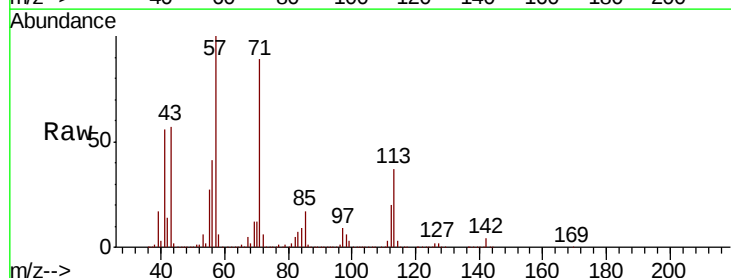
Ion Ratio Lower Upper

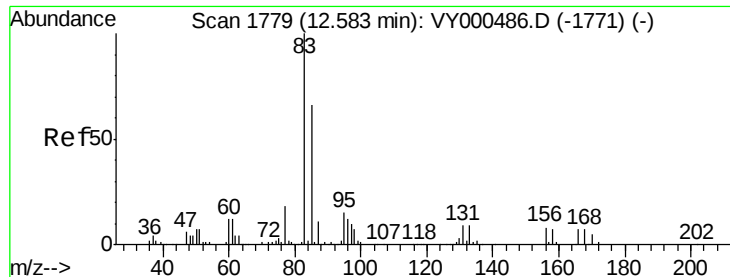
43 100

70 0.0 33.1 49.7#

55 0.0 18.0 27.0#

61 0.0 19.1 28.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 816.383 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

ClientSampleId :

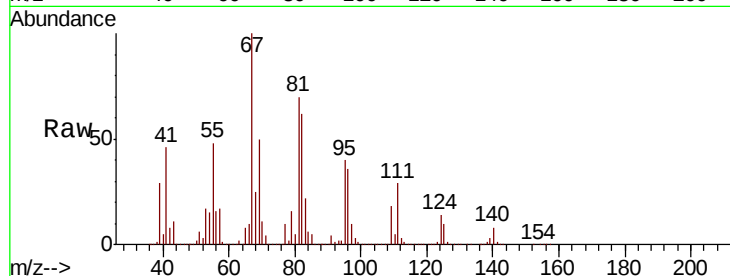
Tot Ion: 83 Resp: 1377500

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

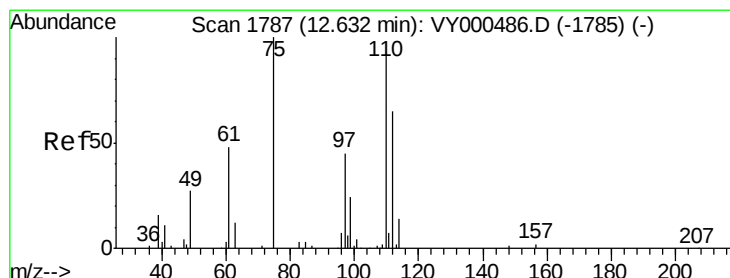
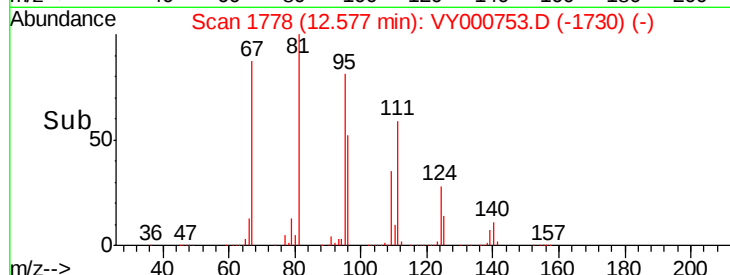
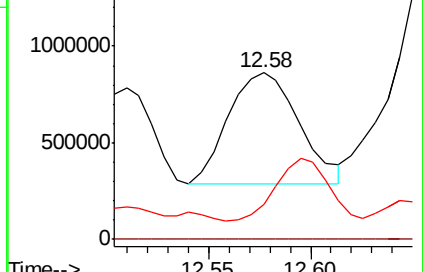
85 41.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 13.566 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.05 min

Lab File: VY000753.D

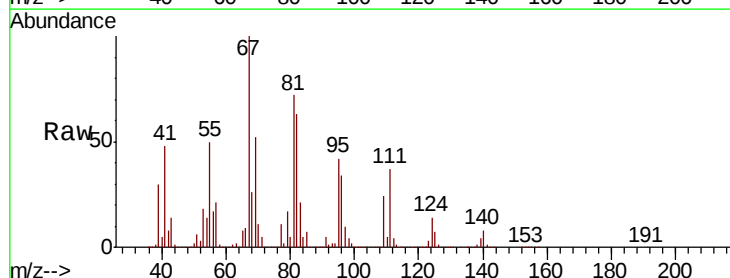
Acq: 20 Nov 2019 15:48

Tgt Ion: 75 Resp: 17810

Ion Ratio Lower Upper

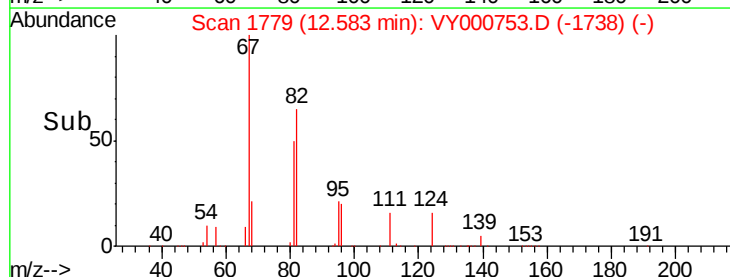
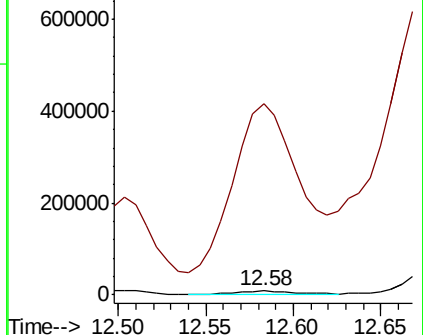
75 100

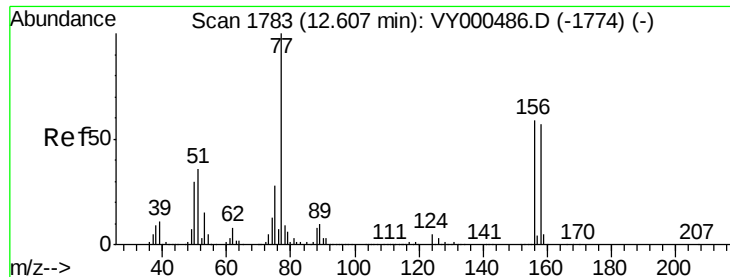
77 5415.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 9.103 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

ClientSampled :

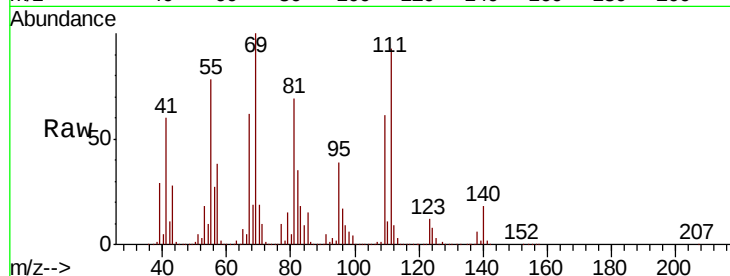
Tot Ion:156 Resp: 17591

Ion Ratio Lower Upper

156 100

77 5482.8 98.2 294.4#

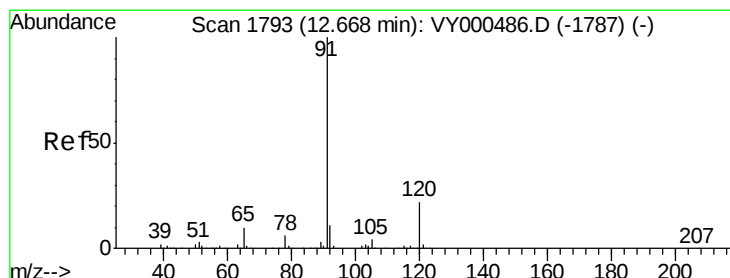
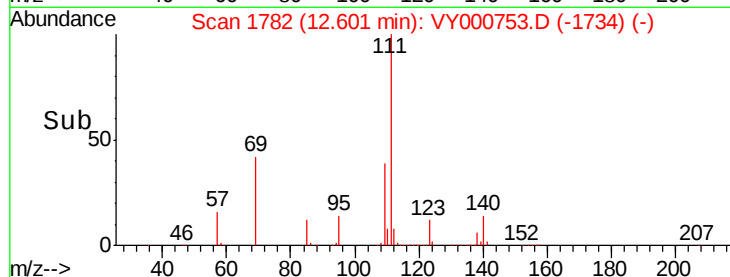
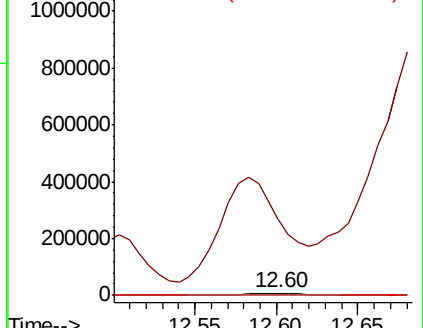
158 0.0 49.6 149.0#



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: 2165.900 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY000753.D

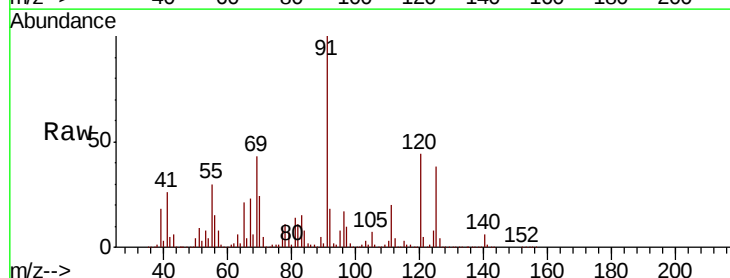
Acq: 20 Nov 2019 15:48

Tgt Ion: 91 Resp:22270252

Ion Ratio Lower Upper

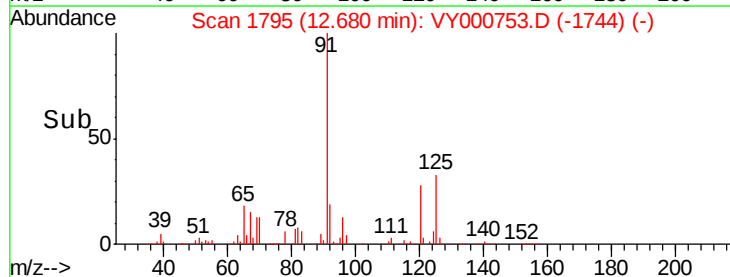
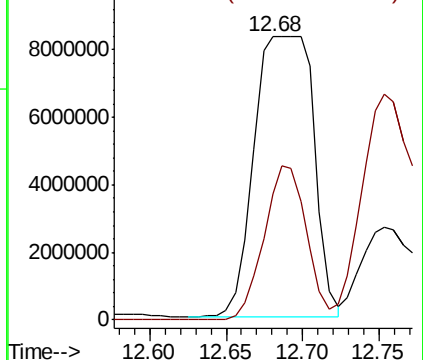
91 100

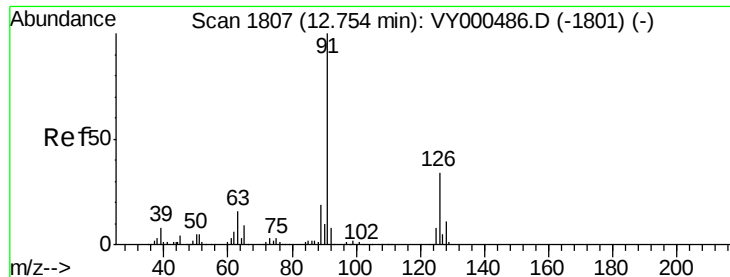
120 39.4 11.4 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

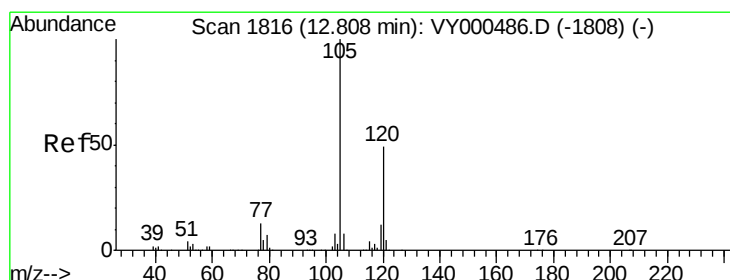
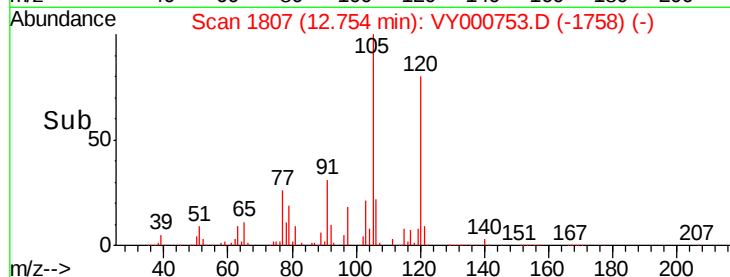
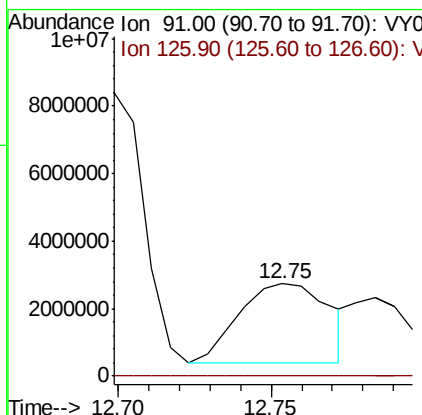
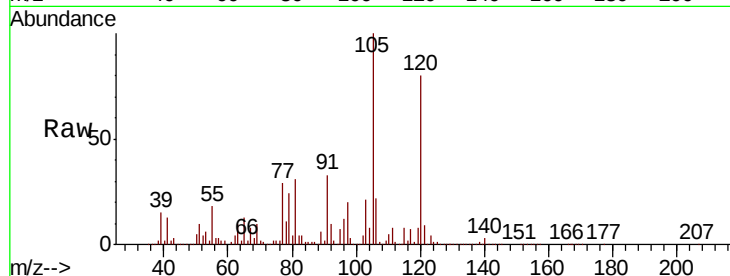




#79
 2-Chlorotoluene
 Concen: 849.446 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000753.D
 Acq: 20 Nov 2019 15:48

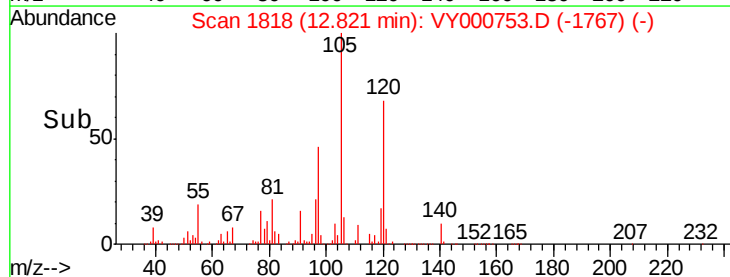
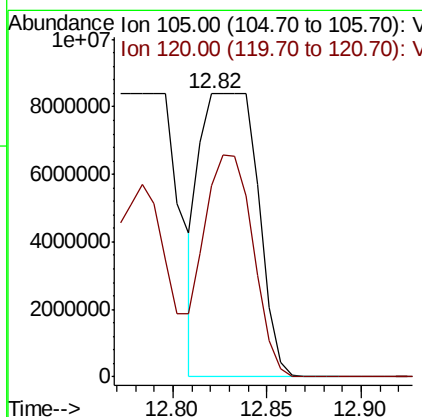
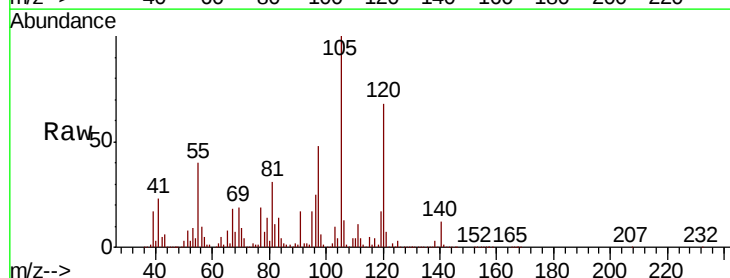
Instrument :
 MSVOA_Y
 ClientSampleId :

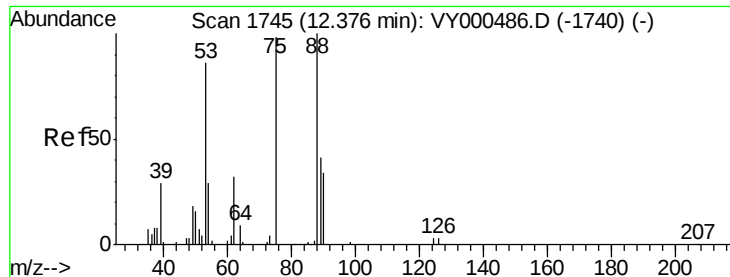
Tot Ion: 91 Resp: 4848850
 Ion Ratio Lower Upper
 91 100
 126 1.0 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 2511.508 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: VY000753.D
 Acq: 20 Nov 2019 15:48

Tgt Ion: 105 Resp: 17825088
 Ion Ratio Lower Upper
 105 100
 120 65.8 24.9 74.8

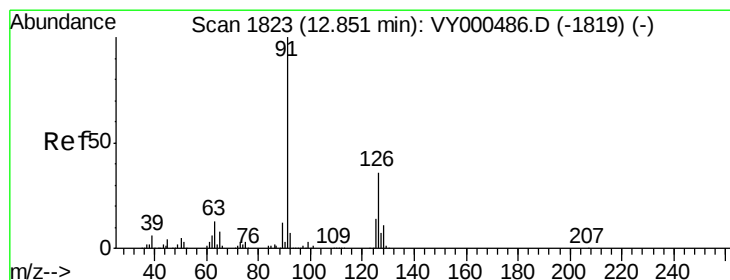
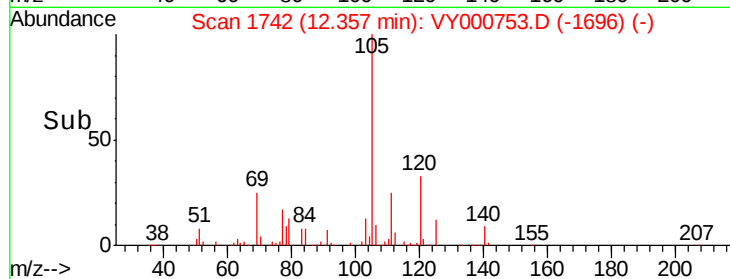
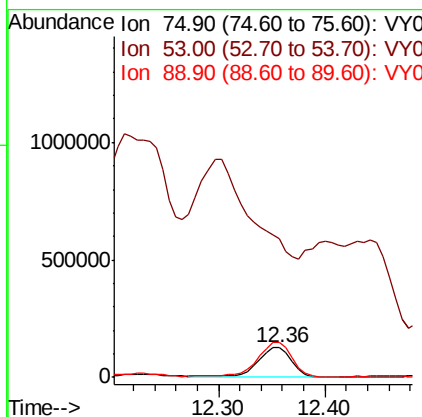
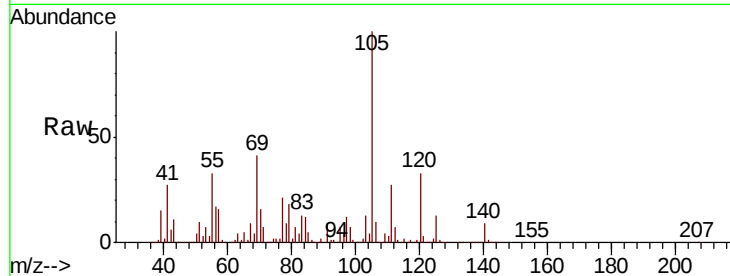




#81
trans-1,4-Dichloro-2-butene
Concen: 476.745 ug/l
RT: 12.36 min Scan# 1742
Delta R.T. -0.02 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

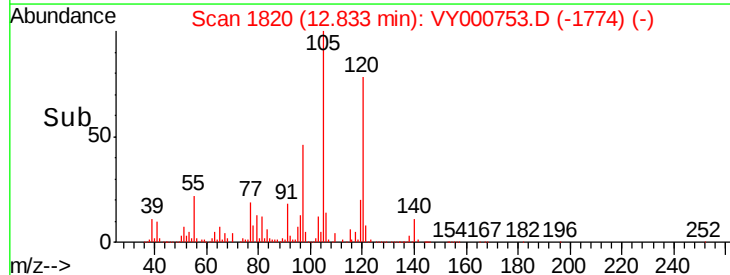
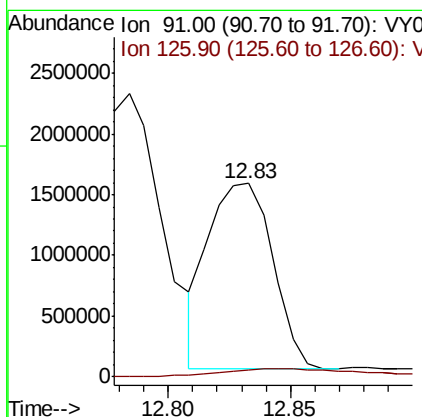
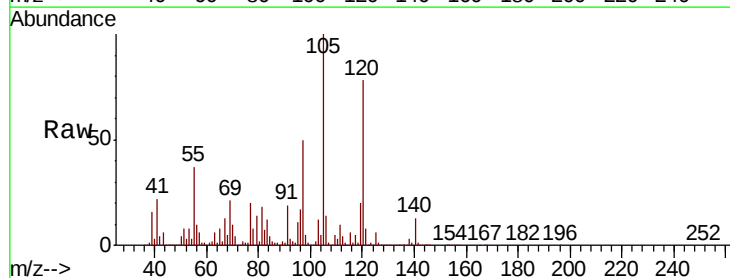
Instrument :
MSVOA_Y
ClientSampleId :

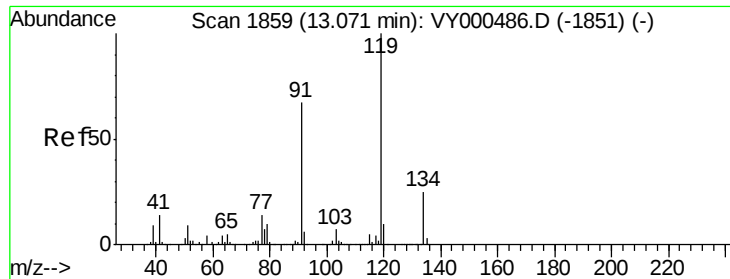
Tot Ion: 75 Resp: 279158
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 118.1 35.9 53.9#



#82
4-Chlorotoluene
Concen: 468.844 ug/l
RT: 12.83 min Scan# 1820
Delta R.T. -0.02 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

Tgt Ion: 91 Resp: 2774183
Ion Ratio Lower Upper
91 100
126 9.3 17.6 52.9#

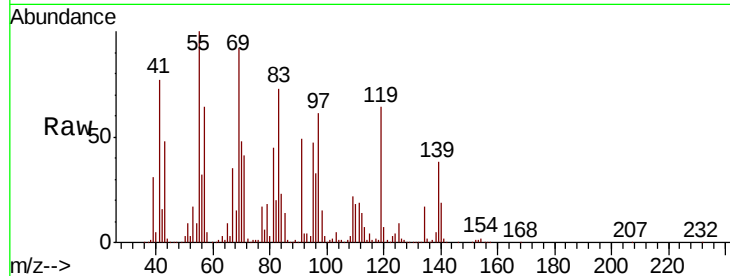




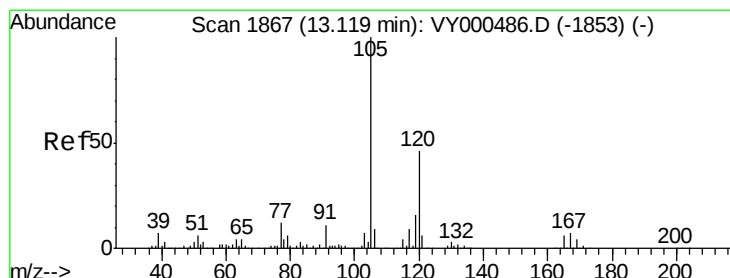
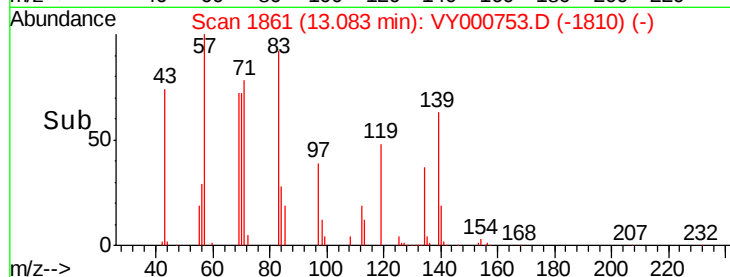
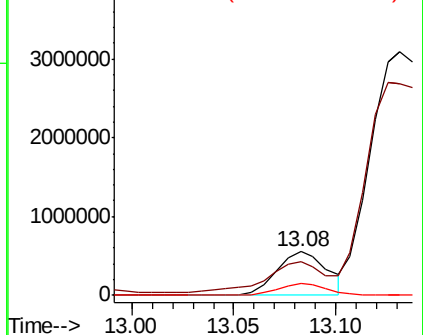
#83
tert-Butylbenzene
Concen: 159.009 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 963590
Ion Ratio Lower Upper
119 100
91 76.8 32.1 96.3
134 25.0 13.2 39.5

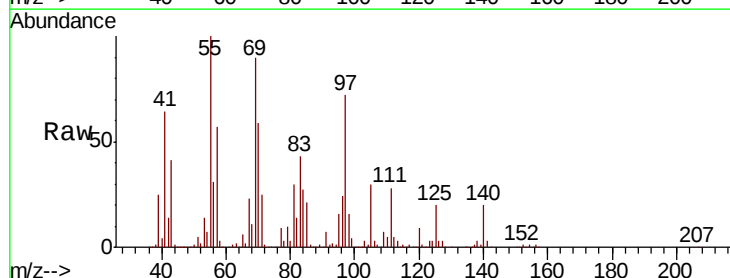


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

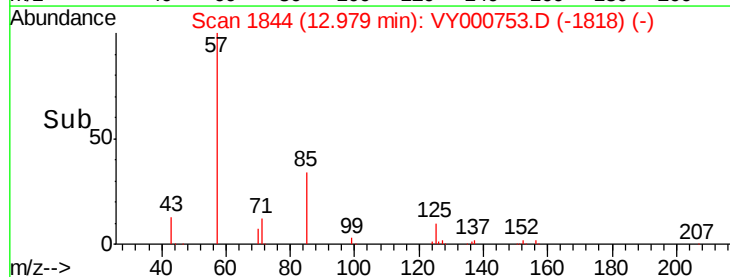
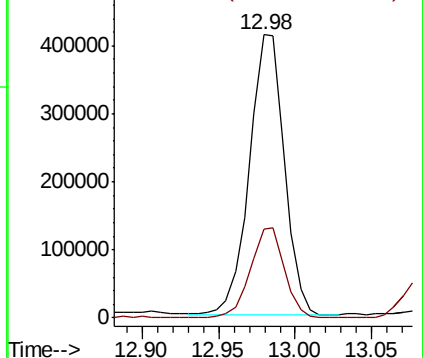


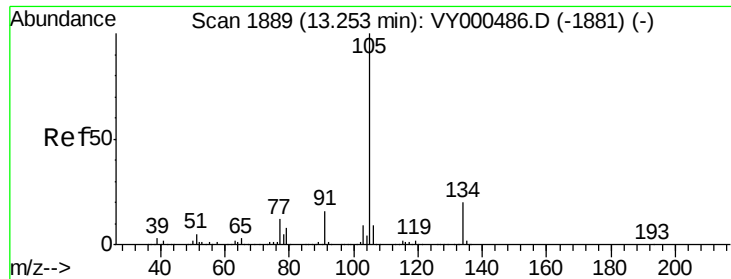
#84
1,2,4-Trimethylbenzene
Concen: 93.198 ug/l
RT: 12.98 min Scan# 1844
Delta R.T. -0.14 min
Lab File: VY000753.D
Acq: 20 Nov 2019 15:48

Tgt Ion:105 Resp: 658592
Ion Ratio Lower Upper
105 100
120 0.0 23.3 69.9#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 785.606 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

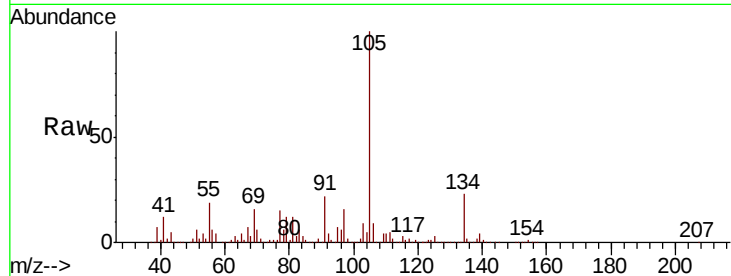
ClientSampleId :

Tot Ion:105 Resp: 6782730

Ion Ratio Lower Upper

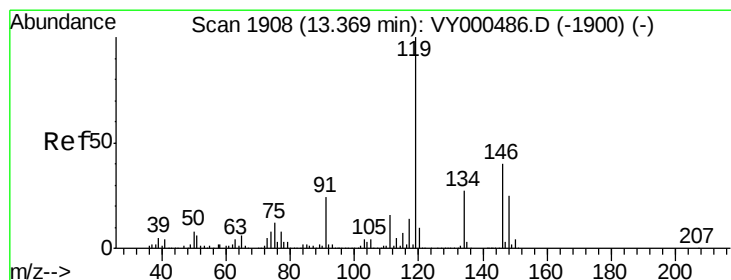
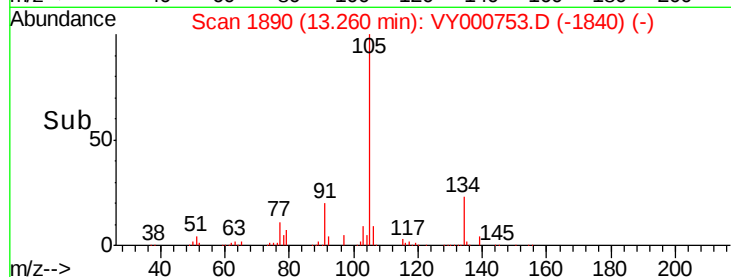
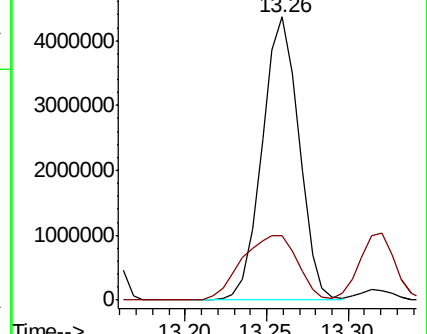
105 100

134 34.9 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 520.423 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

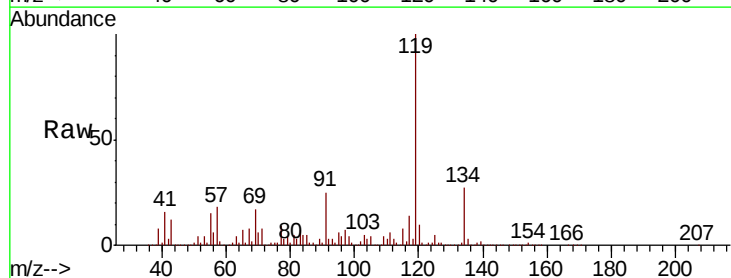
Tgt Ion:119 Resp: 4004582

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

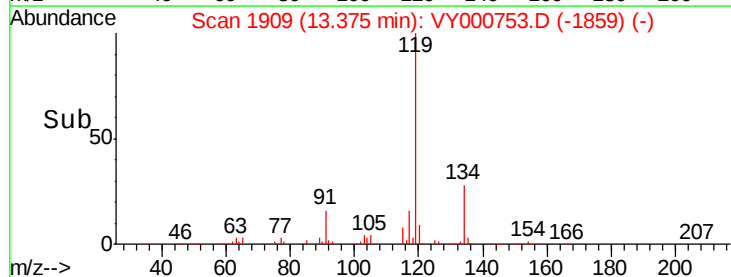
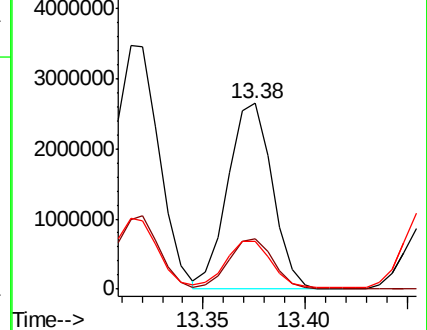
91 25.6 12.0 36.1

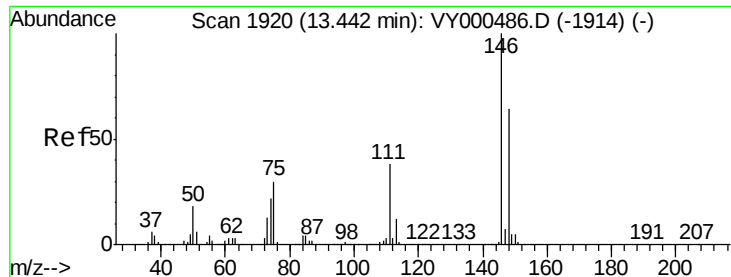


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

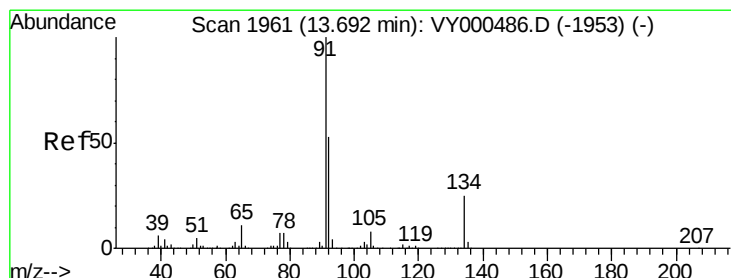
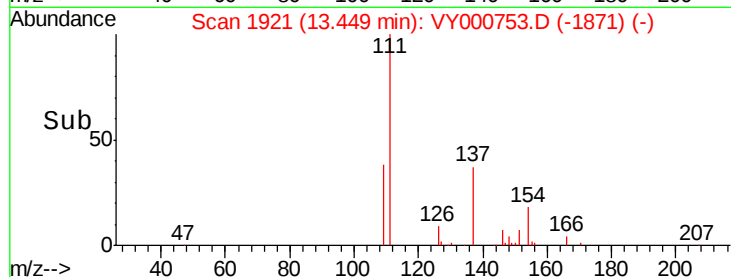
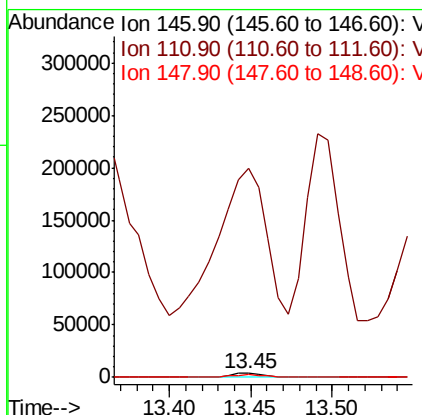
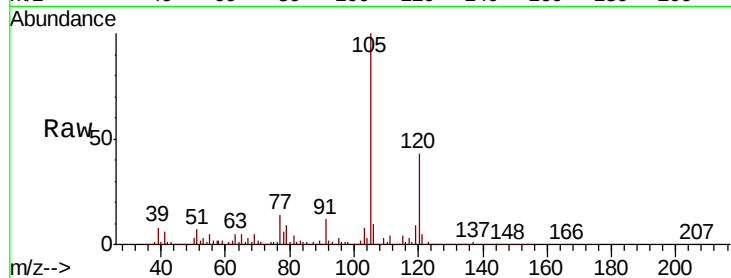




#88
 1,4-Dichlorobenzene
 Concen: 1.654 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000753.D
 Acq: 20 Nov 2019 15:48

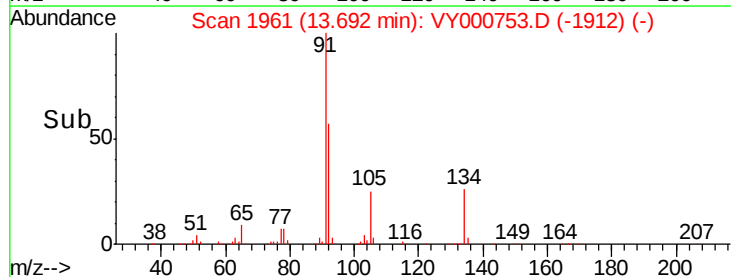
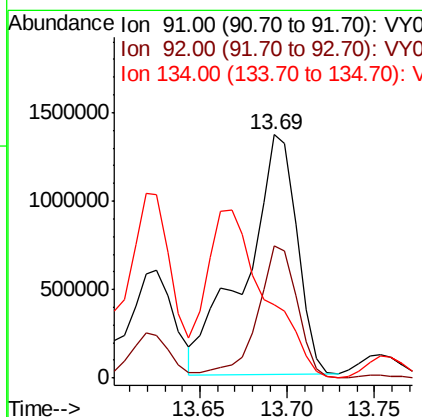
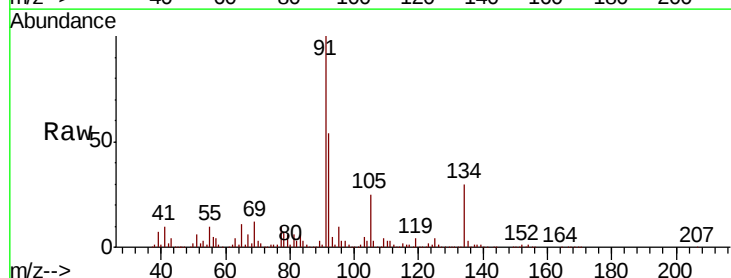
Instrument :
 MSVOA_Y
 ClientSampleId :

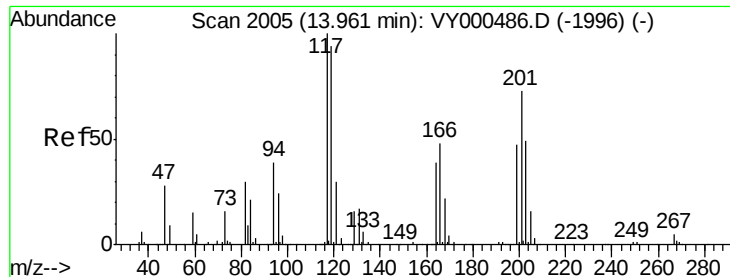
Tot Ion:146 Resp: 6256
 Ion Ratio Lower Upper
 146 100
 111 4471.2 19.7 59.0#
 148 56.8 31.9 95.7



#89
 n-Butylbenzene
 Concen: 364.261 ug/l
 RT: 13.69 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: VY000753.D
 Acq: 20 Nov 2019 15:48

Tgt Ion: 91 Resp: 2764533
 Ion Ratio Lower Upper
 91 100
 92 42.5 26.8 80.3
 134 0.0 12.9 38.7#





#90

Hexachloroethane

Concen: 94.841 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

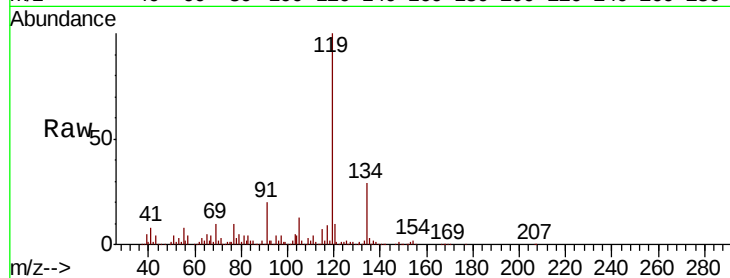
ClientSampled :

Tot Ion:117 Resp: 134916

Ion Ratio Lower Upper

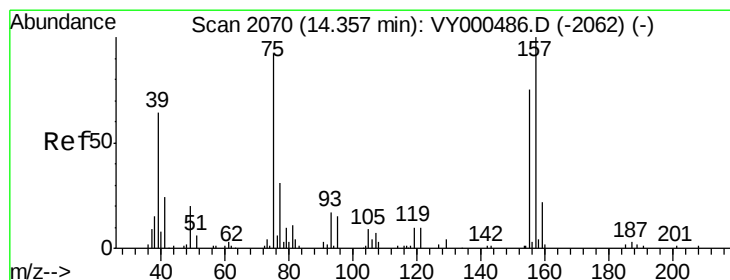
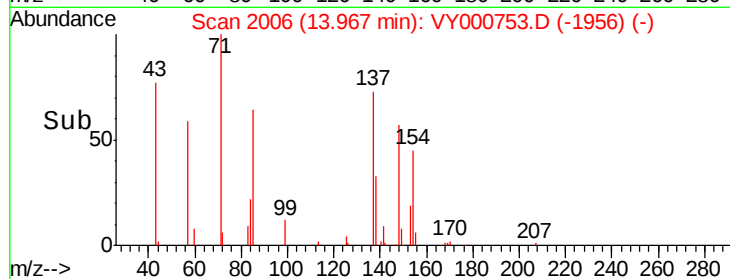
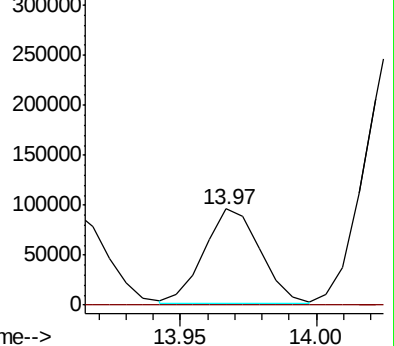
117 100

201 0.0 35.8 107.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.589 ug/l

RT: 14.38 min Scan# 2074

Delta R.T. 0.02 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

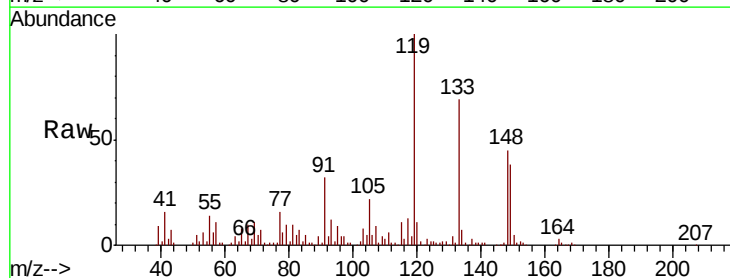
Tgt Ion: 75 Resp: 773

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

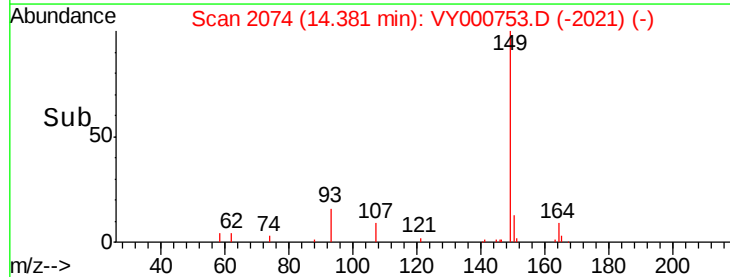
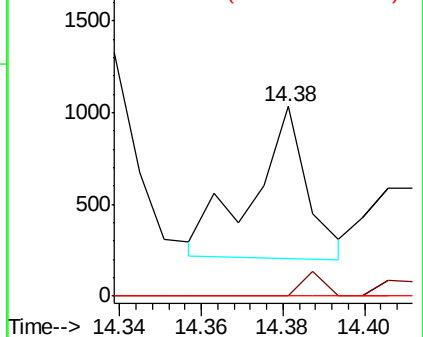
157 0.0 55.1 165.3#

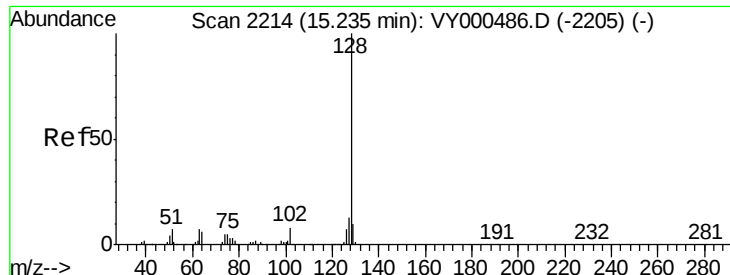


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 12.139 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000753.D

Acq: 20 Nov 2019 15:48

Instrument :

MSVOA_Y

ClientSampleId :

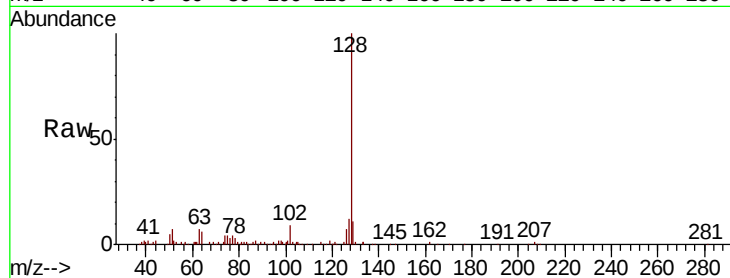
Tot Ion:128 Resp: 63013

Ion Ratio Lower Upper

128 100

127 13.4 9.8 14.6

129 11.6 8.7 13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

