

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001700.D
 Acq On : 19 Feb 2020 15:13
 Operator : SY/MD
 Sample : L1581-02
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 20 05:39:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	119534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	234572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	137001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	24101	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	75269	58.54	ug/l	-0.01
Spiked Amount			Recovery	=	117.08%	
35) Dibromofluoromethane	7.74	113	68173	50.74	ug/l	-0.01
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.19	98	225819	42.90	ug/l	0.00
Spiked Amount			Recovery	=	85.80%	
62) 4-Bromofluorobenzene	12.49	95	43910	21.47	ug/l	0.00
Spiked Amount			Recovery	=	42.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	27917	180.367	ug/l	98
13) Acrolein	3.97	56	5245	40.391	ug/l #	1
16) Acetone	3.97	43	20467551	46006.044	ug/l	94
18) Methyl Acetate	4.53	43	1704	1.759	ug/l #	51
19) Methyl tert-butyl Ether	5.25	73	5198	1.439	ug/l #	1
20) Methylene Chloride	4.75	84	1999	1.265	ug/l	96
25) 2-Butanone	7.01	43	50934	84.277	ug/l #	89
29) Tetrahydrofuran	7.54	42	15327	41.959	ug/l #	1
31) Cyclohexane	7.78	56	1731113	640.854	ug/l #	44
37) Ethyl Acetate	7.01	43	50934	38.087	ug/l #	68
38) Carbon Tetrachloride	7.81	117	12446	6.324	ug/l #	17
39) Methylcyclohexane	9.19	83	797795	268.387	ug/l	95
40) Benzene	8.17	78	47249	7.170	ug/l	96
41) Methacrylonitrile	7.55	41	94956	141.413	ug/l #	92
42) 1,2-Dichloroethane	8.28	62	3378	1.882	ug/l #	1
43) Isopropyl Acetate	8.28	43	1442822	568.627	ug/l #	53
47) Bromodichloromethane	9.38	83	34845	16.726	ug/l #	25
48) Methyl methacrylate	9.25	41	201046	175.196	ug/l #	38
51) 4-Methyl-2-Pentanone	10.09	43	61600	47.251	ug/l	99
52) Toluene	10.27	92	25201942	6131.088	ug/l #	1
53) t-1,3-Dichloropropene	10.26	75	375769	163.159	ug/l #	1
55) 1,1,2-Trichloroethane	10.63	97	1958	1.538	ug/l #	22
58) 2-Chloroethyl Vinyl ether	9.77	63	898	Below Cal	#	48
59) 2-Hexanone	10.84	43	3618	3.699	ug/l	93
67) Ethyl Benzene	11.60	91	76648	15.100	ug/l	97
68) m/p-Xylenes	11.70	106	34863	18.387	ug/l	96
69) o-Xylene	12.03	106	16673	9.249	ug/l	99
70) Styrene	12.05	104	3730	1.191	ug/l #	34
73) Isopropylbenzene	12.34	105	3155	1.718	ug/l	100
74) N-amyl acetate	12.11	43	7299	12.456	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.61	83	742	1.893	ug/l #	46
76) 1,2,3-Trichloropropane	12.48	75	20802	75.241	ug/l #	100
78) n-propylbenzene	12.68	91	13135	5.874	ug/l	96
80) 1,3,5-Trimethylbenzene	12.82	105	8072	5.311	ug/l	99

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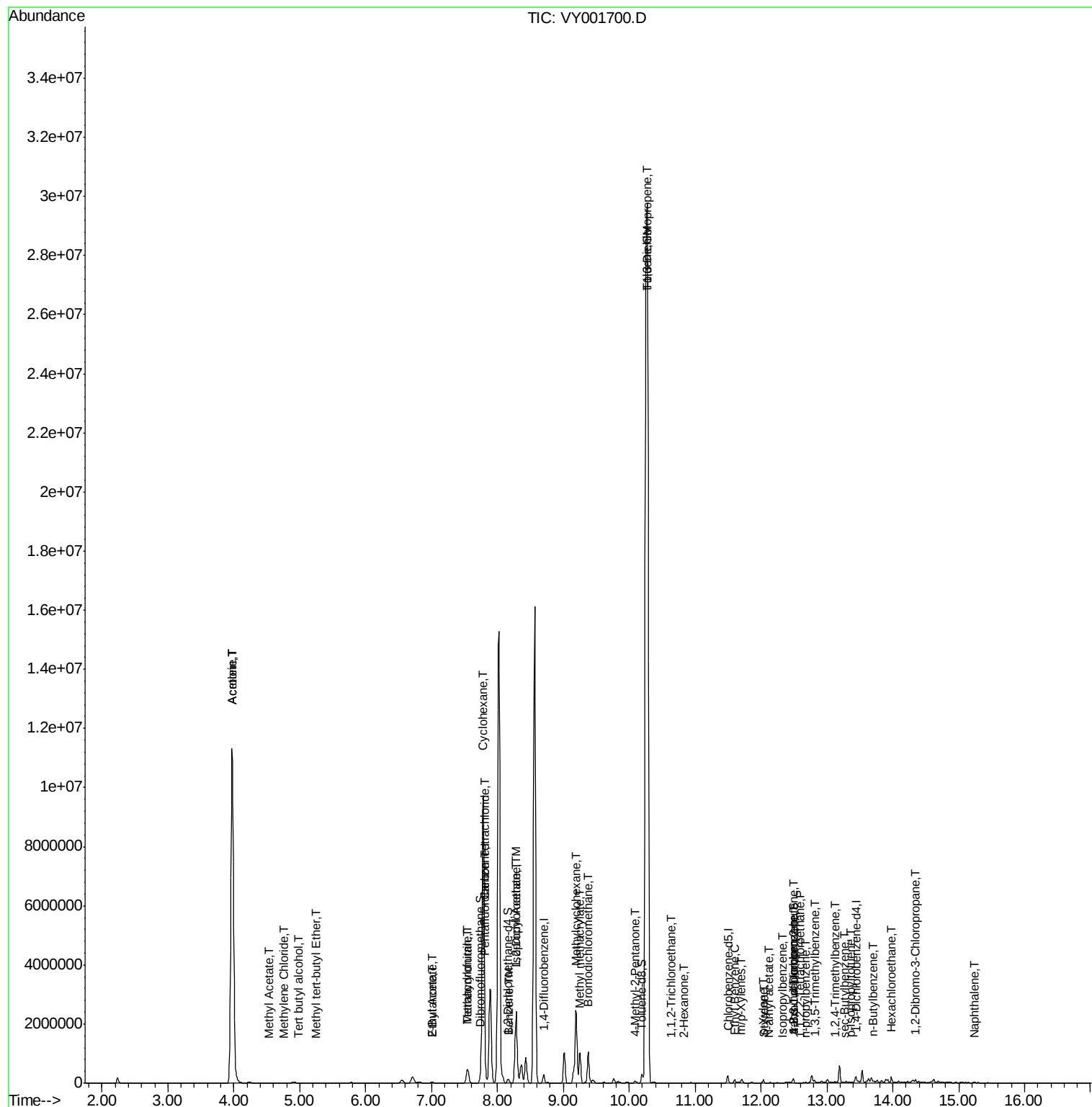
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.48	75	20802	142.746	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.13	105	24817	16.378	ug/l	99
85) sec-Butylbenzene	13.26	105	3275	1.752	ug/l #	75
86) p-Isopropyltoluene	13.37	119	2759	1.699	ug/l	94
89) n-Butylbenzene	13.70	91	19845	11.958	ug/l #	75
90) Hexachloroethane	13.98	117	8353	27.297	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.34	75	441	6.816	ug/l #	5
95) Naphthalene	15.24	128	10843	9.962	ug/l	98

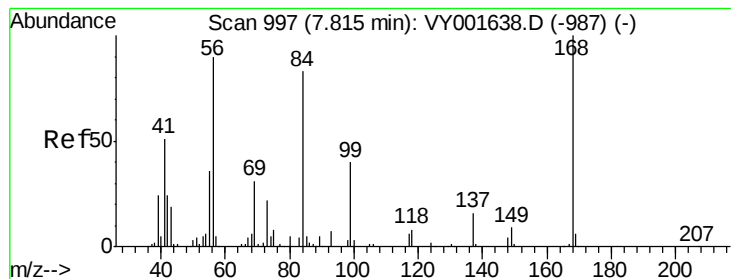
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

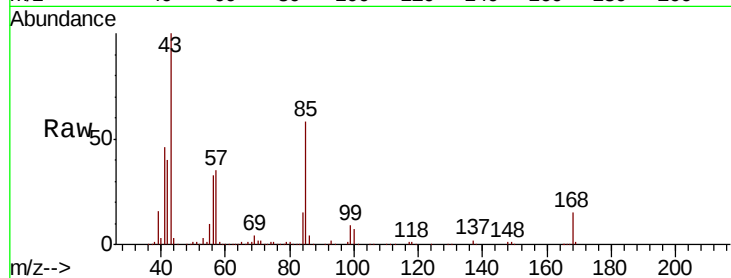
ClientSampleId :

Tot Ion:168 Resp: 119534

Ion Ratio Lower Upper

168 100

99 58.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.81

60000

50000

40000

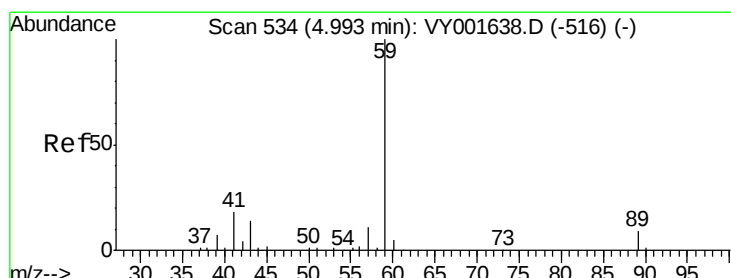
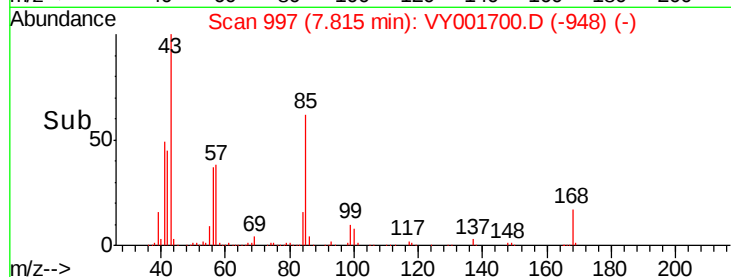
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 180.367 ug/l

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001700.D

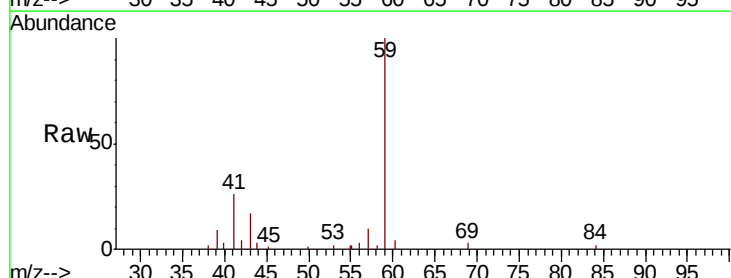
Acq: 19 Feb 2020 15:13

Tgt Ion: 59 Resp: 27917

Ion Ratio Lower Upper

59 100

57 9.9 7.4 11.2



Abundance Ion 59.00 (58.70 to 59.70): VY001638.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY001638.D (-516) (-)

4.99

8000

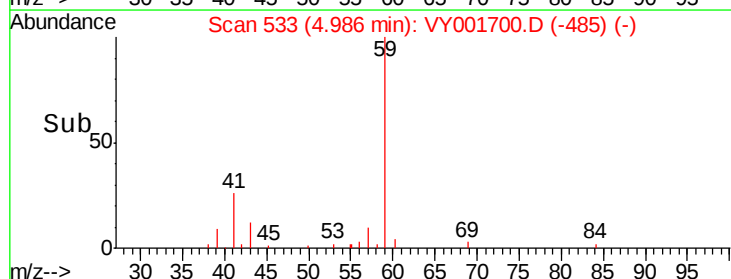
6000

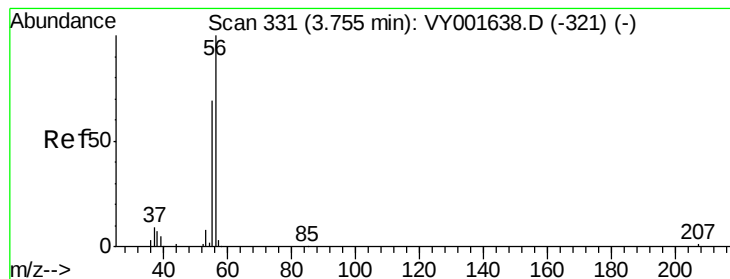
4000

2000

0

Time-->





#13

Acrolein

Concen: 40.391 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.22 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

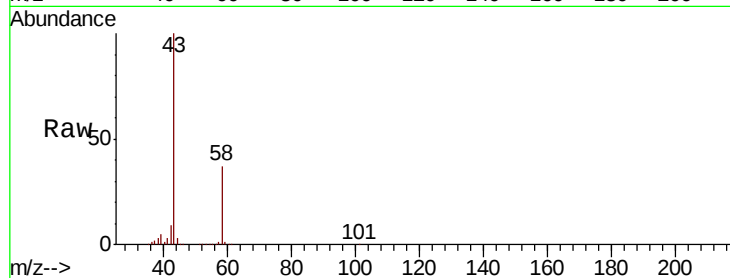
ClientSampled :

Tot Ion: 56 Resp: 5245

Ion Ratio Lower Upper

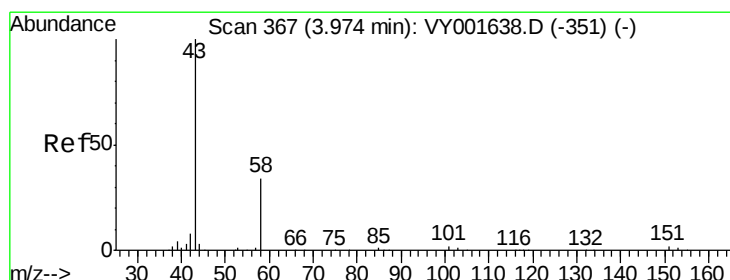
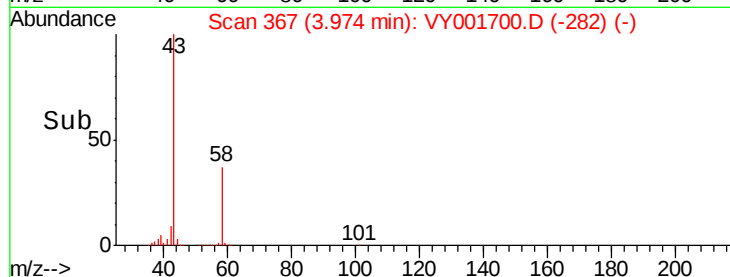
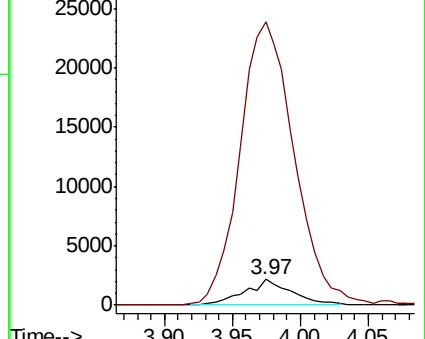
56 100

55 1255.1 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: 46006.044 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY001700.D

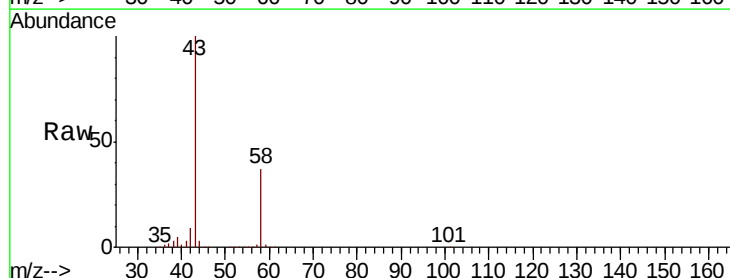
Acq: 19 Feb 2020 15:13

Tgt Ion: 43 Resp: 20467551

Ion Ratio Lower Upper

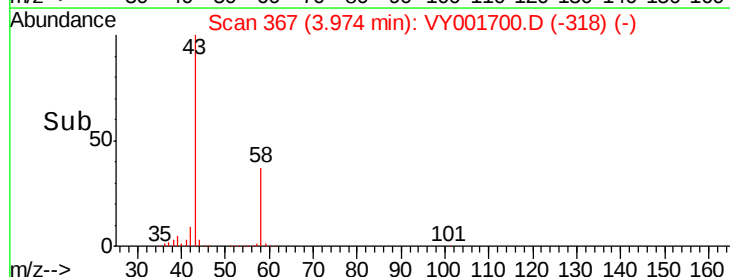
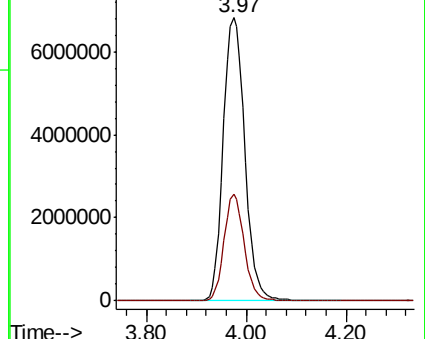
43 100

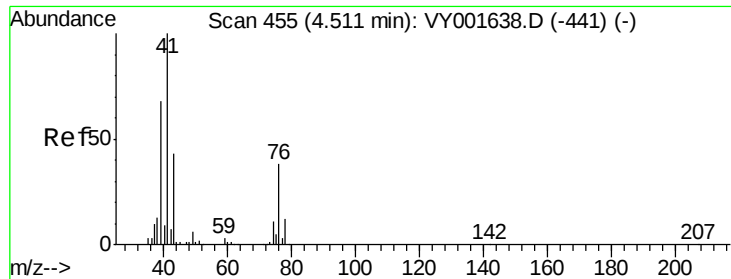
58 37.5 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

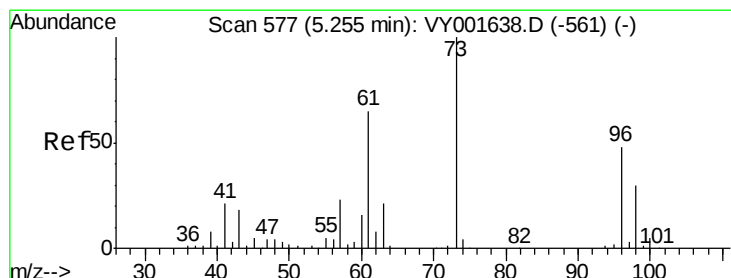
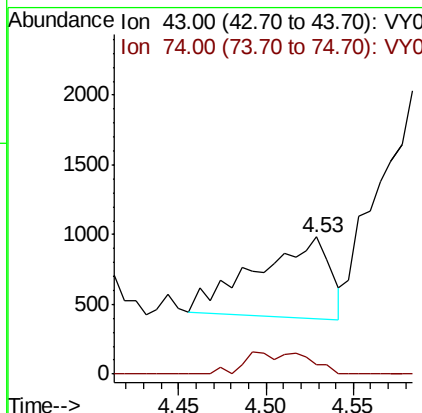
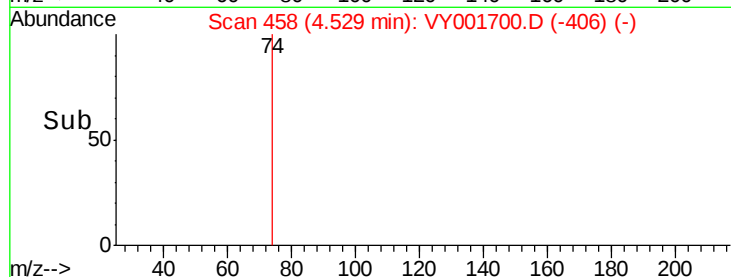
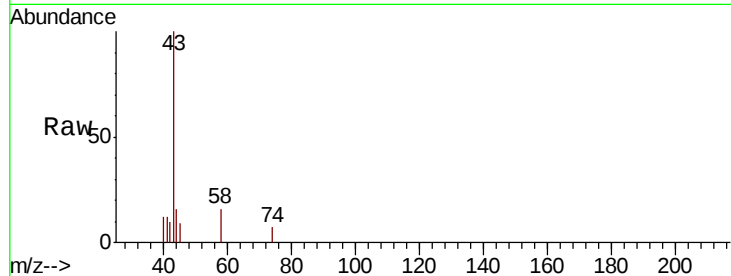




#18
Methyl Acetate
Concen: 1.759 ug/l
RT: 4.53 min Scan# 458
Delta R.T. 0.02 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

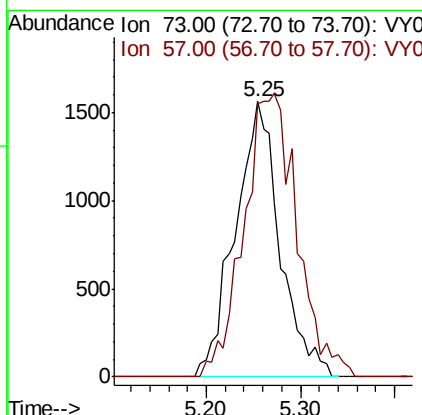
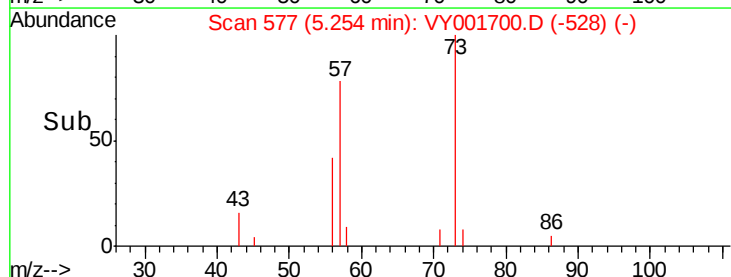
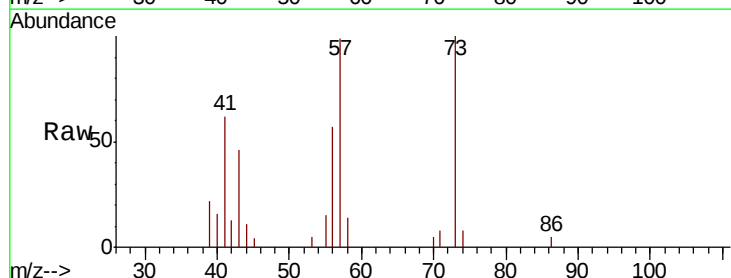
Instrument :
MSVOA_Y
ClientSampled :

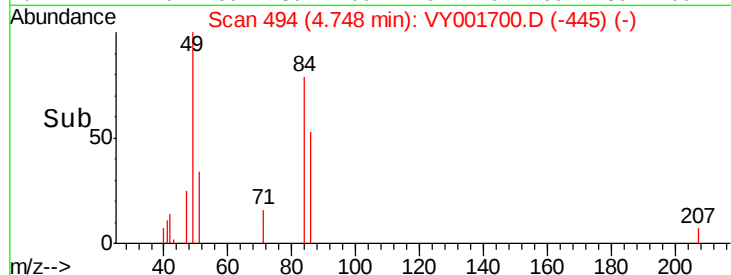
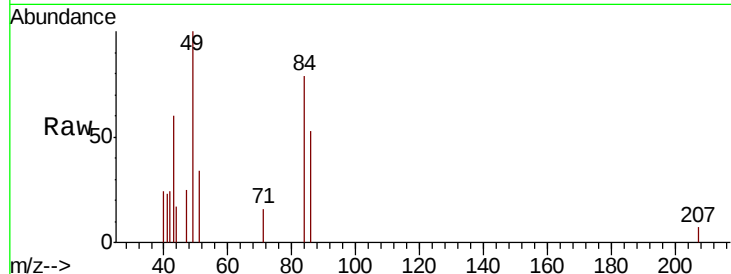
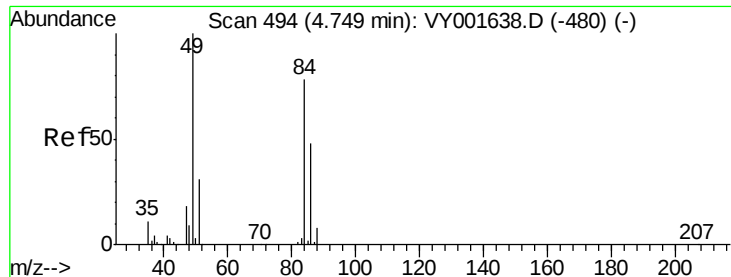
Tot Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#19
Methyl tert-butyl Ether
Concen: 1.439 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 73 Resp: 5198
Ion Ratio Lower Upper
73 100
57 99.1 19.0 28.6#

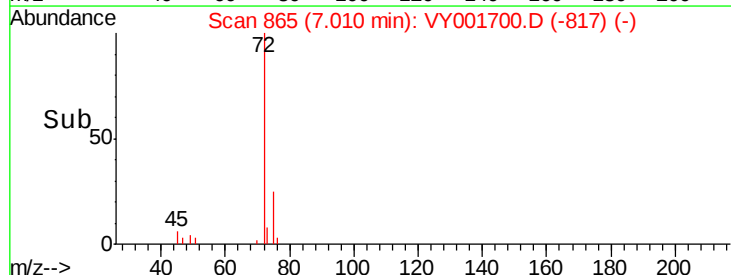
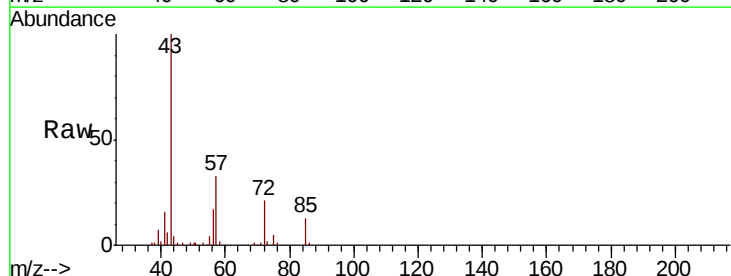
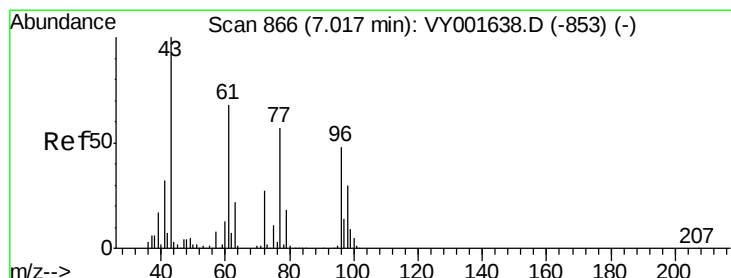
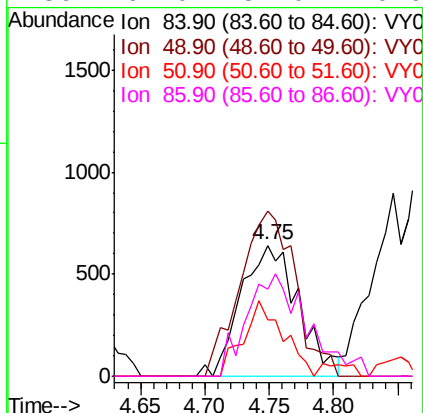




#20
Methvlene Chloride
Concen: 1.265 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

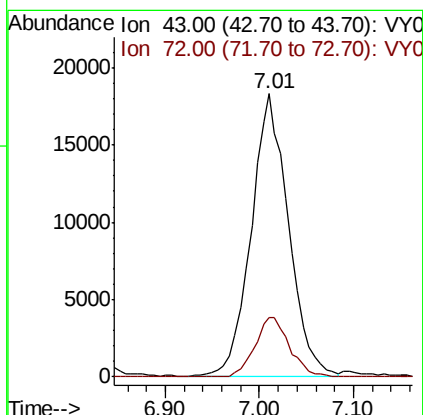
Instrument :
MSVOA_Y
ClientSampled :

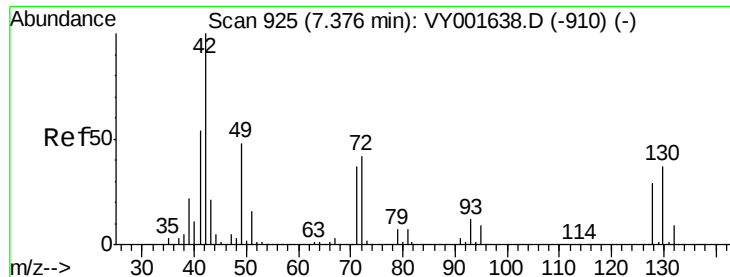
Tot Ion:	84	Resp:	1999
Ion	Ratio	Lower	Upper
84	100		
49	126.6	99.2	148.8
51	43.6	31.5	47.3
86	67.0	51.0	76.6



#25
2-Butanone
Concen: 84.277 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion:	43	Resp:	50934
Ion	Ratio	Lower	Upper
43	100		
72	20.8	21.2	31.8#





#29

Tetrahydrofuran

Concen: 41.959 ug/l

RT: 7.54 min Scan# 952

Delta R.T. 0.16 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

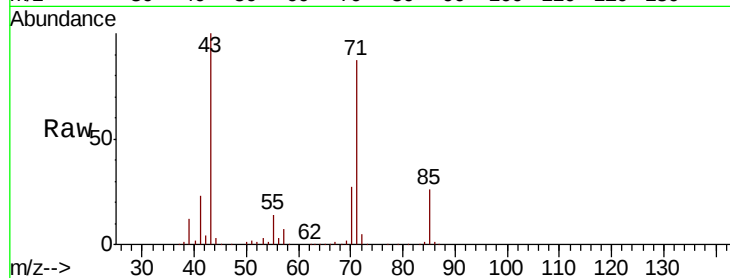
Tot Ion: 42 Resp: 15327

Ion Ratio Lower Upper

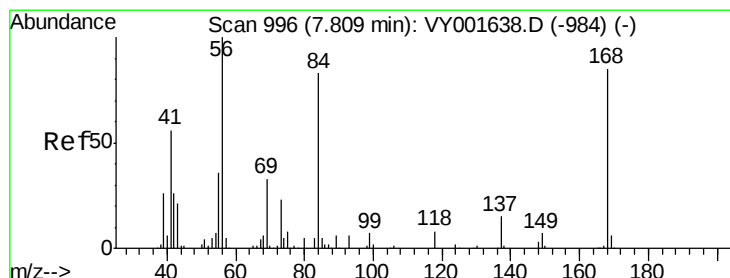
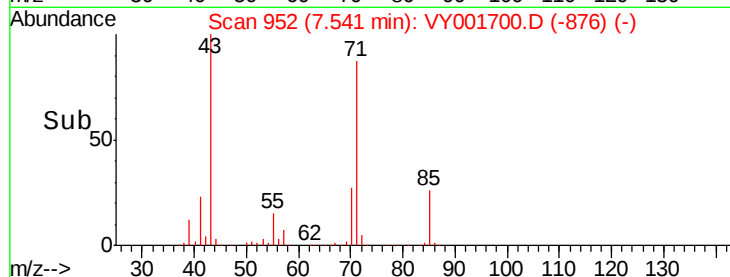
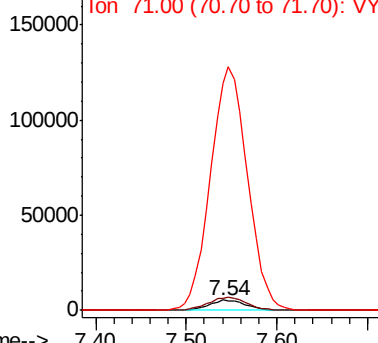
42 100

72 132.8 34.4 51.6#

71 2359.4 31.8 47.8#



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#31

Cyclohexane

Concen: 640.854 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.02 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

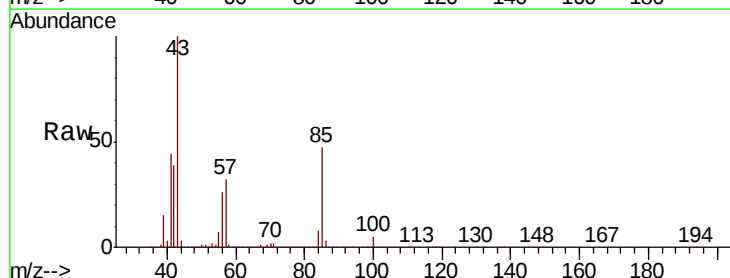
Tgt Ion: 56 Resp: 1731113

Ion Ratio Lower Upper

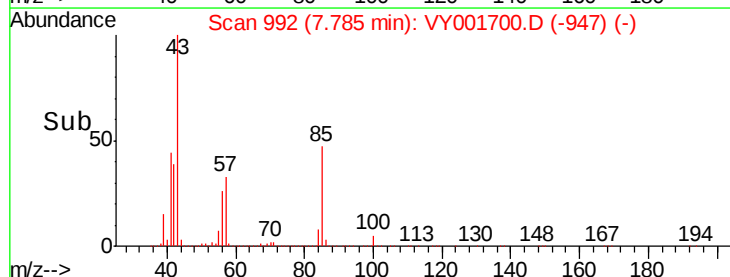
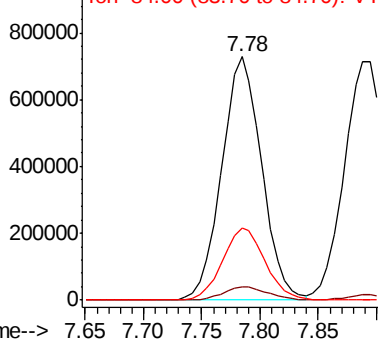
56 100

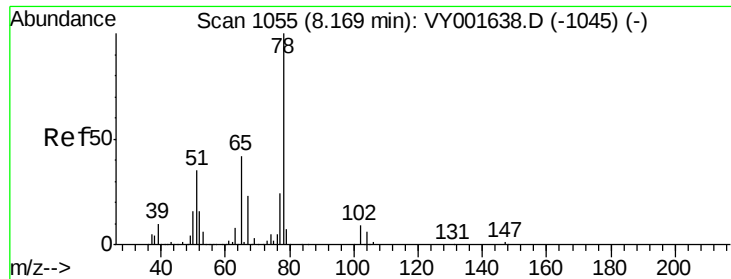
69 5.3 25.1 37.7#

84 29.6 66.9 100.3#



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

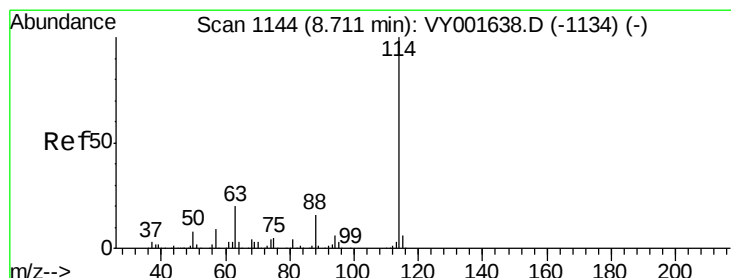
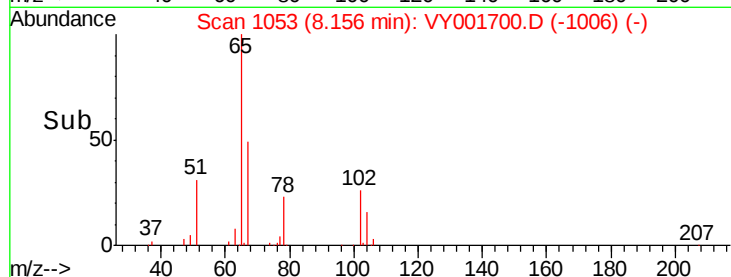
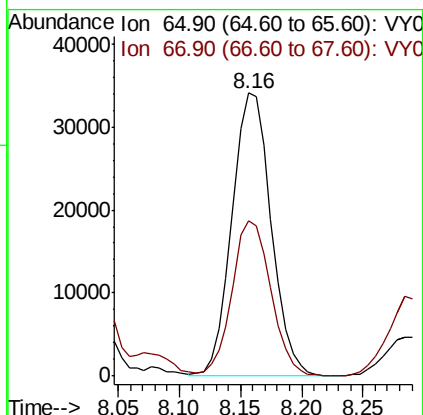
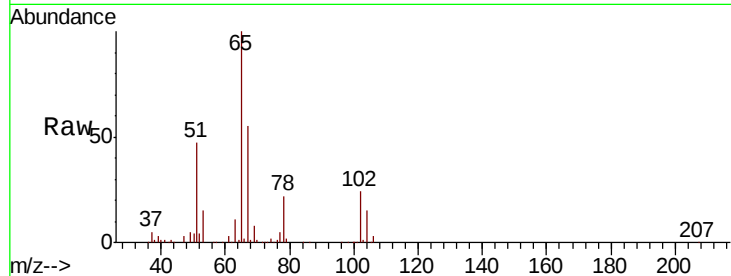




#33
 1,2-Dichloroethane-d4
 Concen: 58.540 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001700.D
 Acq: 19 Feb 2020 15:13

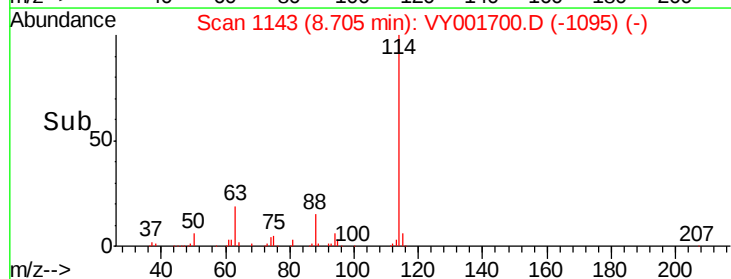
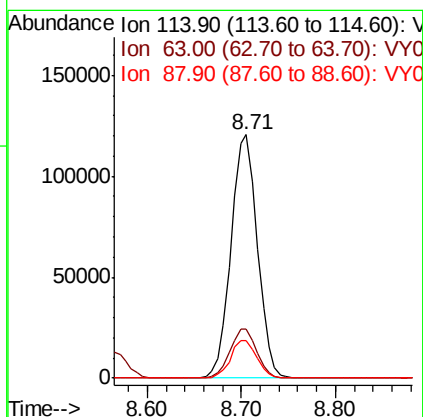
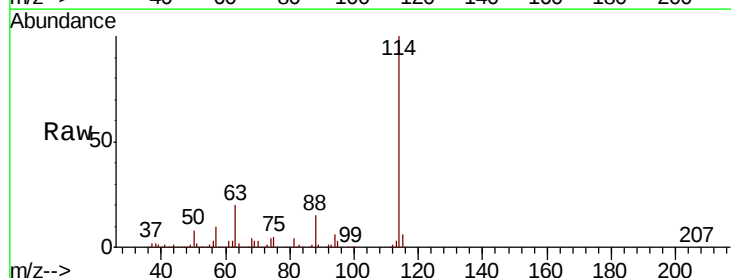
Instrument :
 MSVOA_Y
 ClientSampleId :

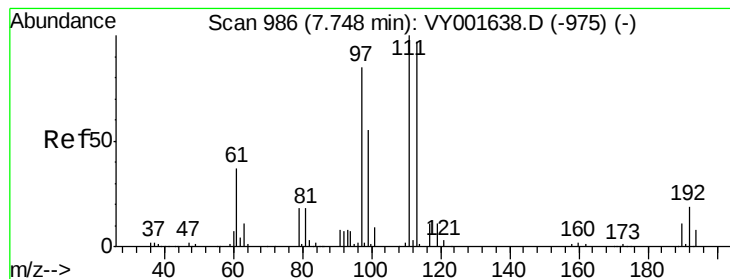
Tot Ion: 65 Resp: 75269
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001700.D
 Acq: 19 Feb 2020 15:13

Tgt Ion: 114 Resp: 234572
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.742 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

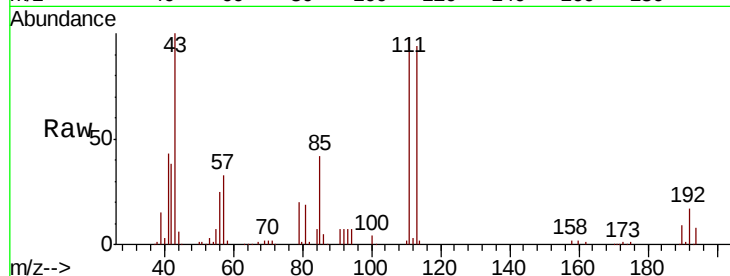
Tot Ion:113 Resp: 68173

Ion Ratio Lower Upper

113 100

111 104.8 81.9 122.9

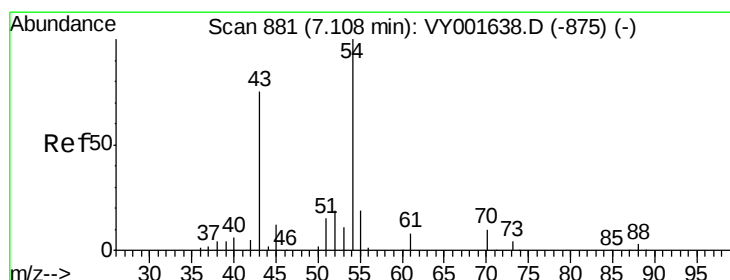
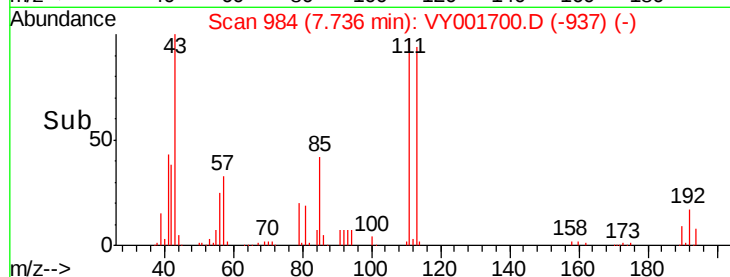
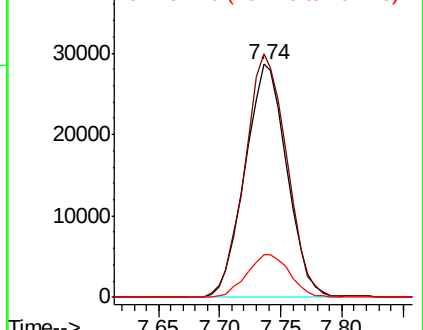
192 18.8 14.3 21.5



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



#37

Ethyl Acetate

Concen: 38.087 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.10 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

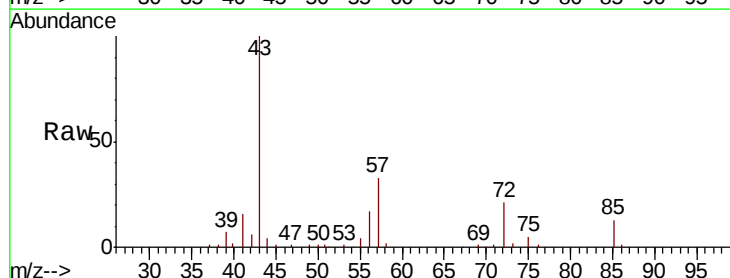
Tgt Ion: 43 Resp: 50934

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

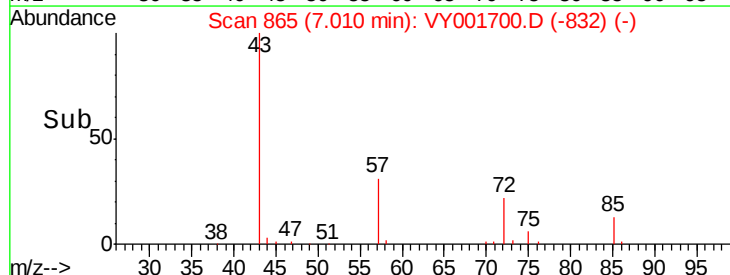
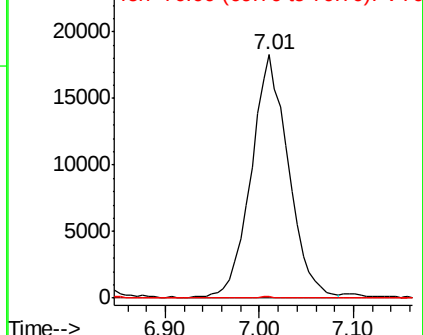
70 0.2 8.8 13.2#

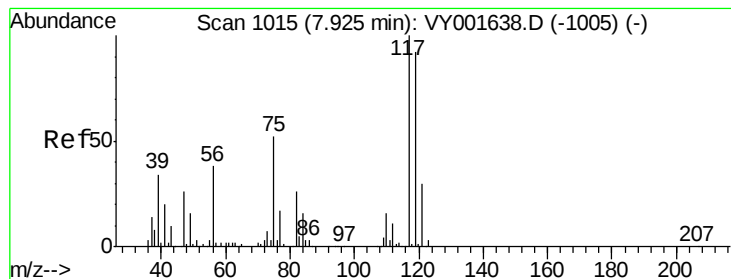


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0





#38

Carbon Tetrachloride

Concen: 6.324 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

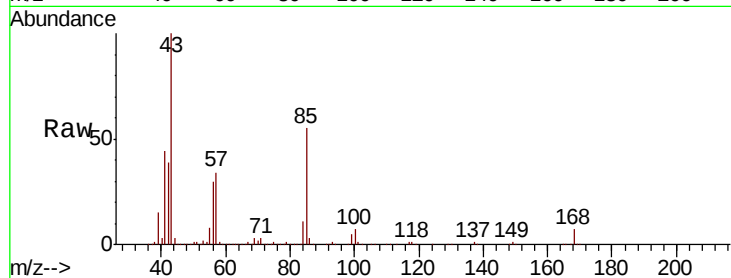
Tot Ion:117 Resp: 12446

Ion Ratio Lower Upper

117 100

119 5.5 74.8 112.2#

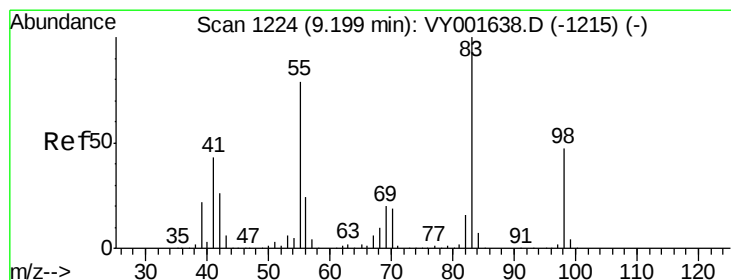
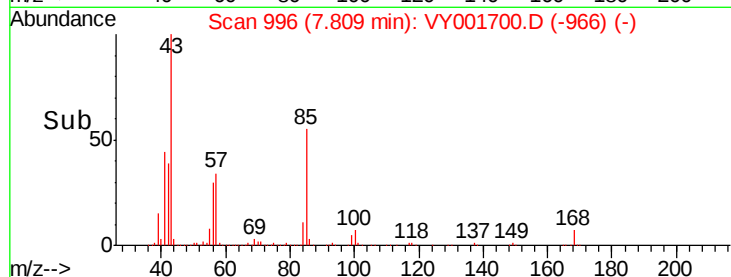
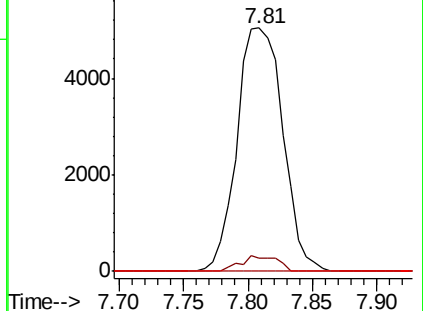
121 0.0 23.8 35.6#



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: 268.387 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

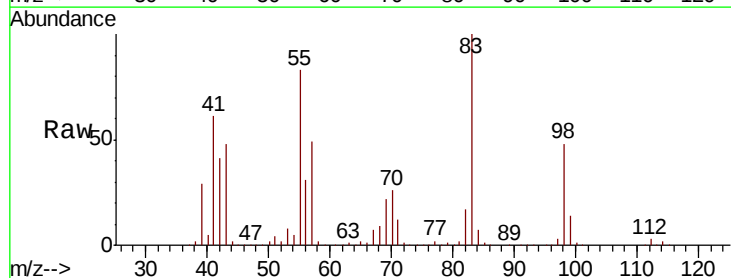
Tgt Ion: 83 Resp: 797795

Ion Ratio Lower Upper

83 100

55 83.4 61.3 91.9

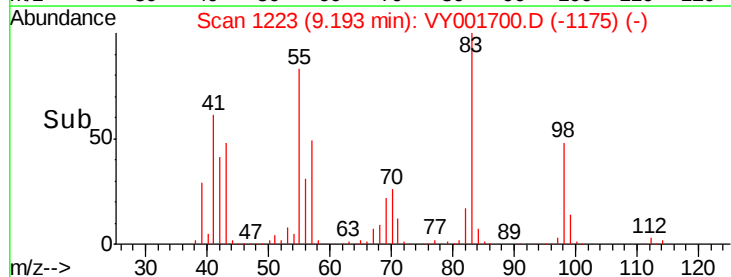
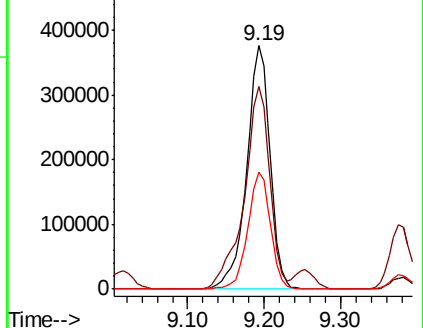
98 47.8 38.0 57.0

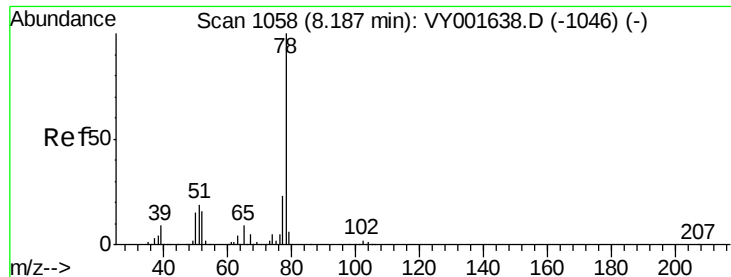


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 7.170 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

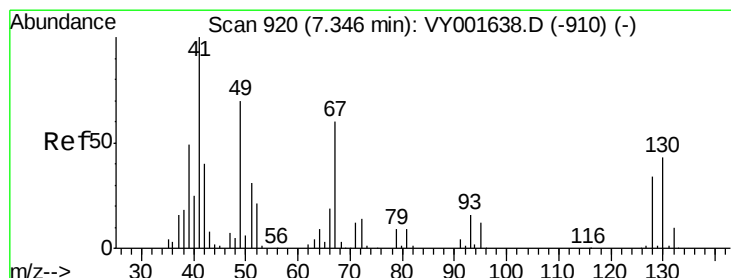
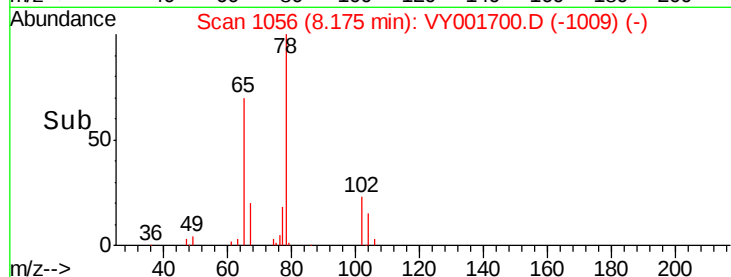
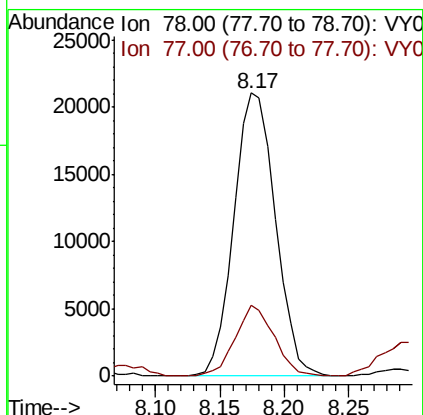
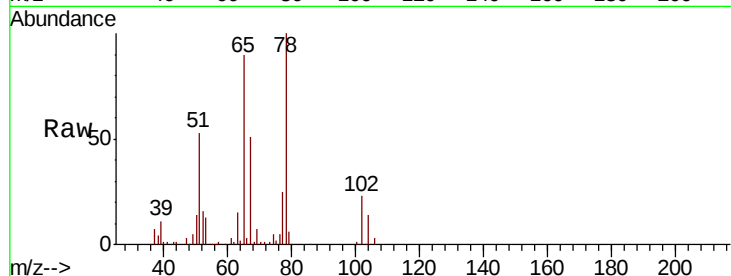
ClientSampleId :

Tot Ion: 78 Resp: 47249

Ion Ratio Lower Upper

78 100

77 24.9 18.2 27.4



#41

Methacrylonitrile

Concen: 141.413 ug/l

RT: 7.55 min Scan# 953

Delta R.T. 0.20 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Tgt Ion: 41 Resp: 94956

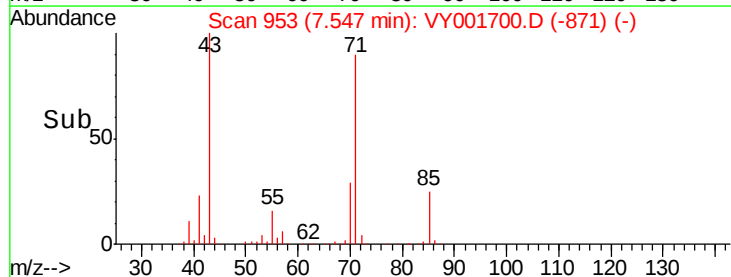
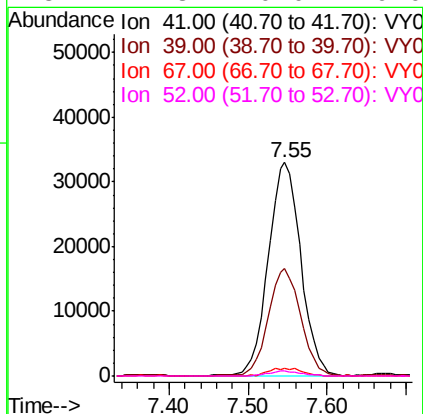
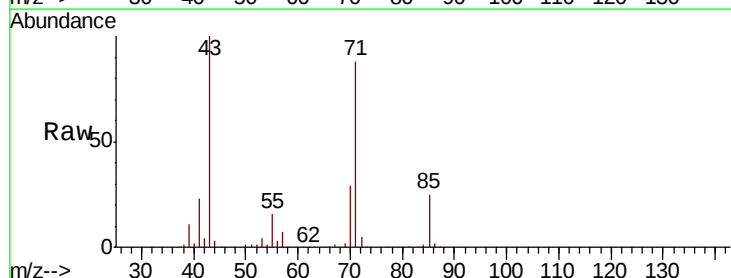
Ion Ratio Lower Upper

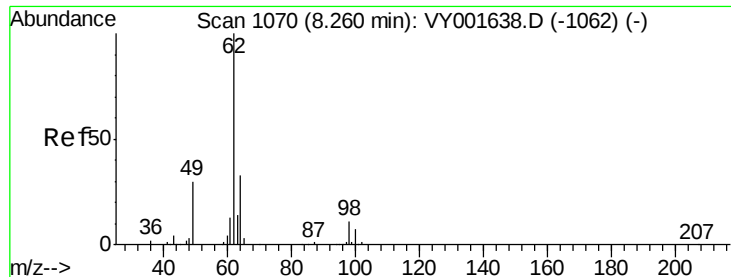
41 100

39 50.1 36.0 54.0

67 3.8 0.0 0.0#

52 2.3 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 1.882 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.02 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

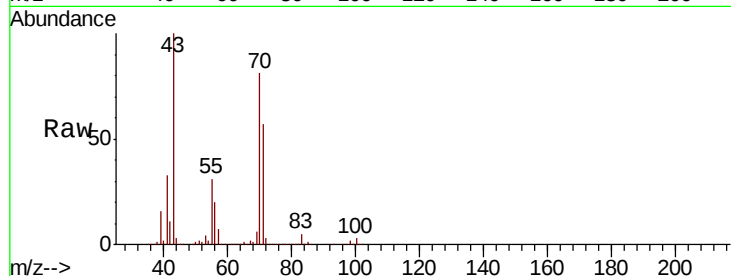
ClientSampled :

Tot Ion: 62 Resp: 3378

Ion Ratio Lower Upper

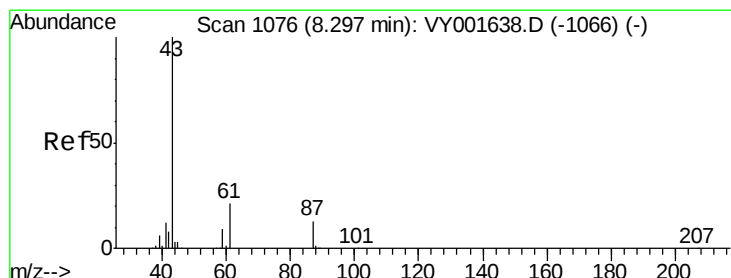
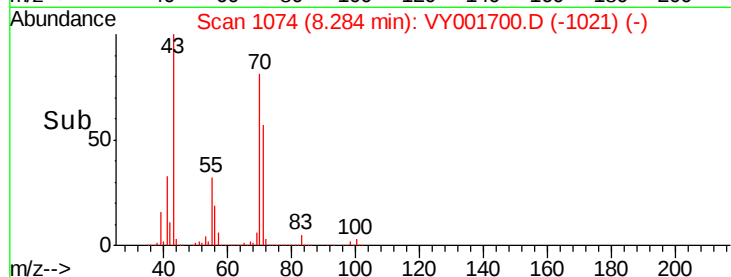
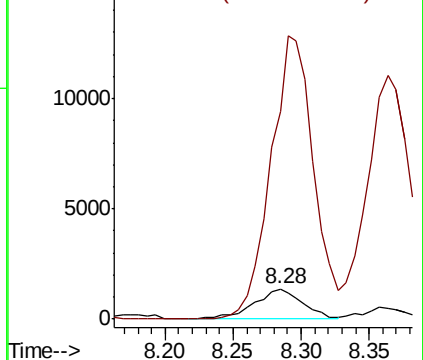
62 100

98 836.5 0.0 20.8#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#43

Isopropyl Acetate

Concen: 568.627 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.02 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

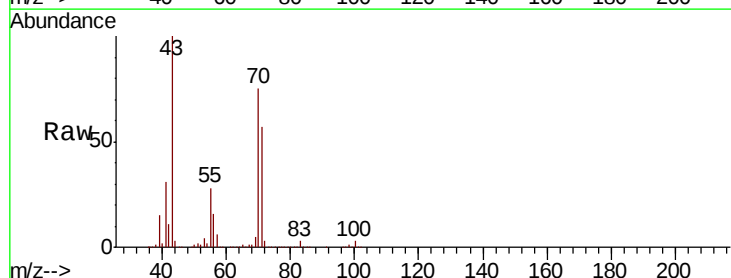
Tgt Ion: 43 Resp: 1442822

Ion Ratio Lower Upper

43 100

61 0.1 23.0 34.4#

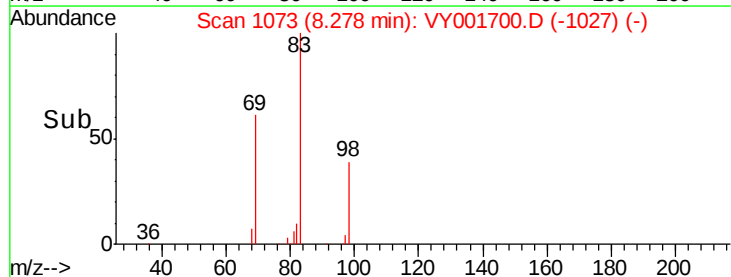
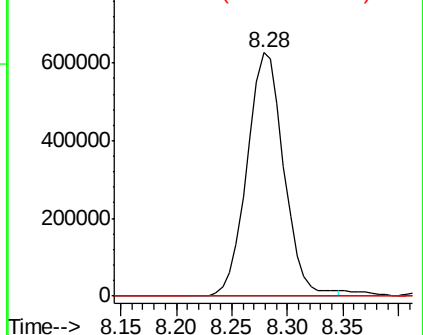
87 0.0 10.7 16.1#

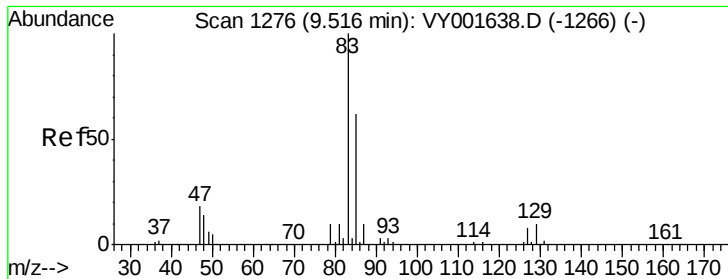


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0





#47

Bromodichloromethane

Concen: 16.726 ug/l

RT: 9.38 min Scan# 1254

Delta R.T. -0.13 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :

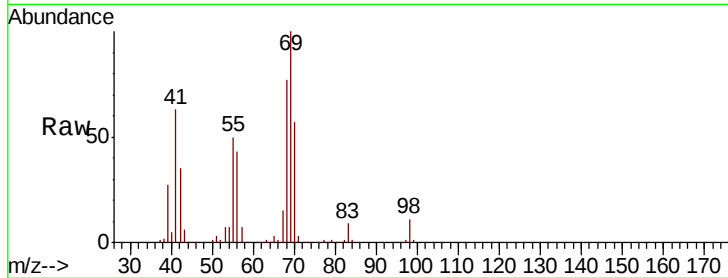
Tot Ion: 83 Resp: 34845

Ion Ratio Lower Upper

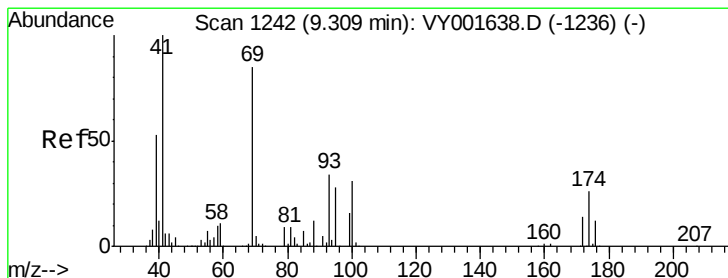
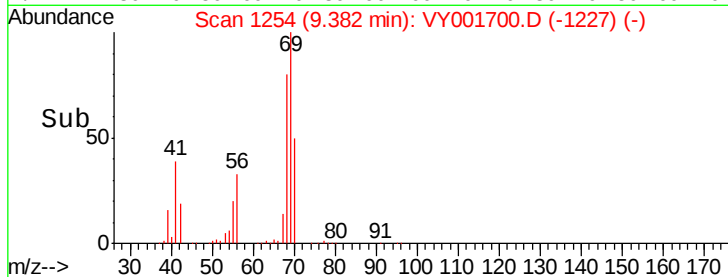
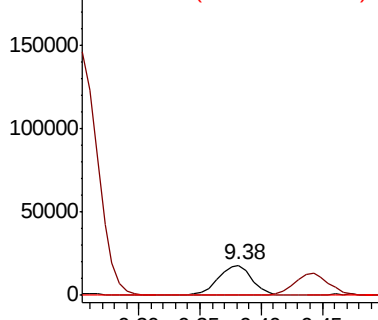
83 100

85 0.0 51.4 77.0#

127 0.0 6.4 9.6#



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 175.196 ug/l

RT: 9.25 min Scan# 1233

Delta R.T. -0.06 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

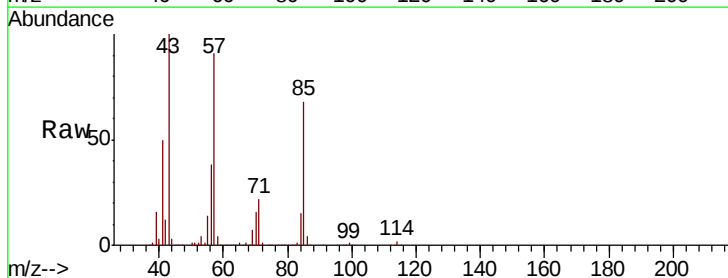
Tgt Ion: 41 Resp: 201046

Ion Ratio Lower Upper

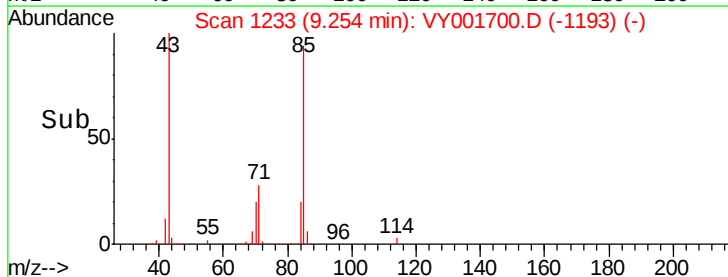
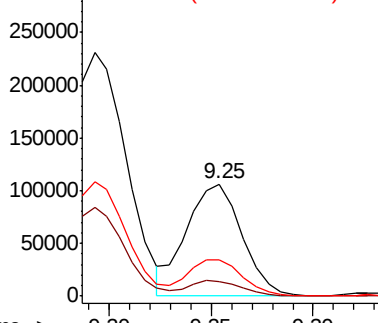
41 100

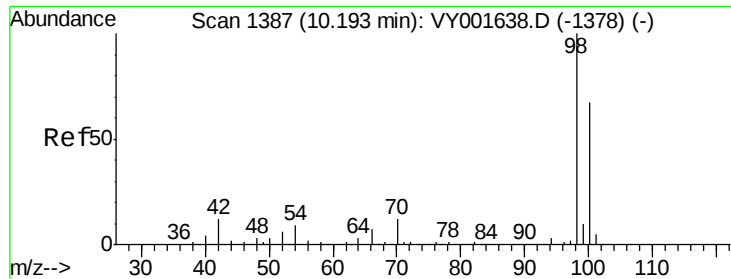
69 13.0 70.7 106.1#

39 31.2 42.2 63.2#



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#50

Toluene-d8

Concen: 42.903 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

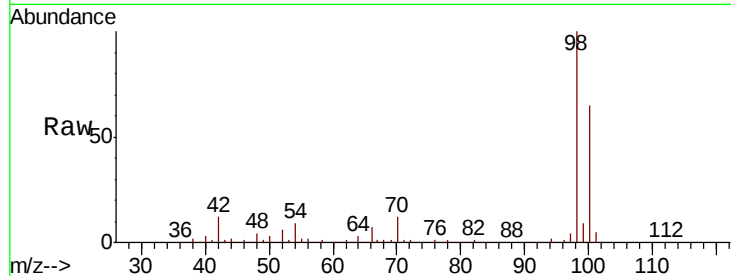
ClientSampleId :

Tot Ion: 98 Resp: 225819

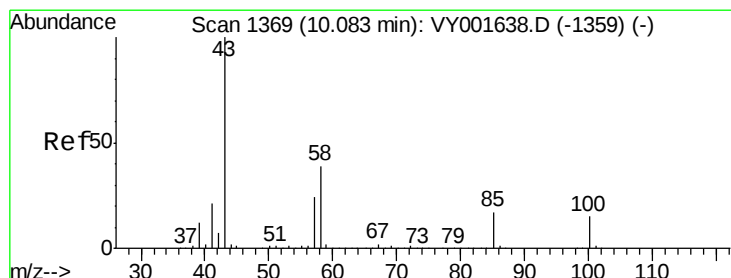
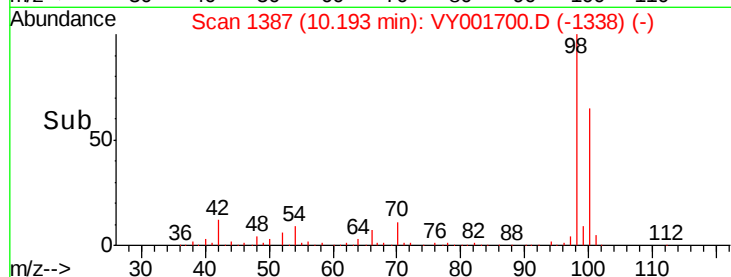
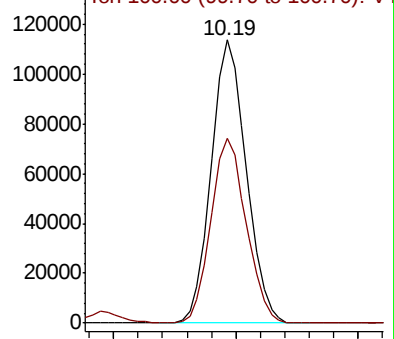
Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



#51

4-Methyl-2-Pentanone

Concen: 47.251 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001700.D

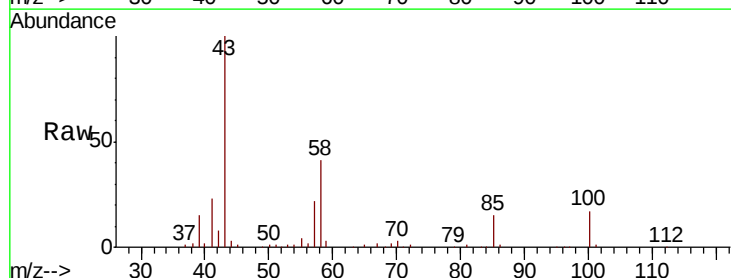
Acq: 19 Feb 2020 15:13

Tgt Ion: 43 Resp: 61600

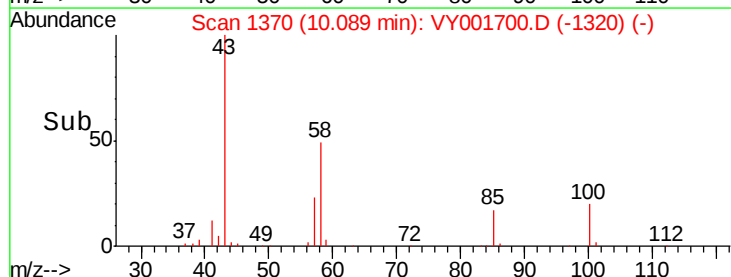
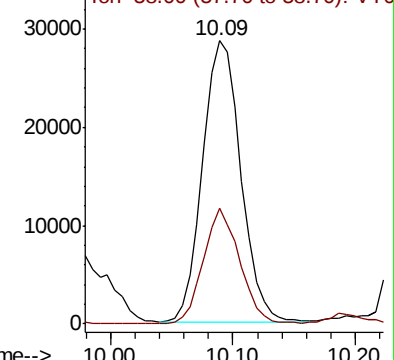
Ion Ratio Lower Upper

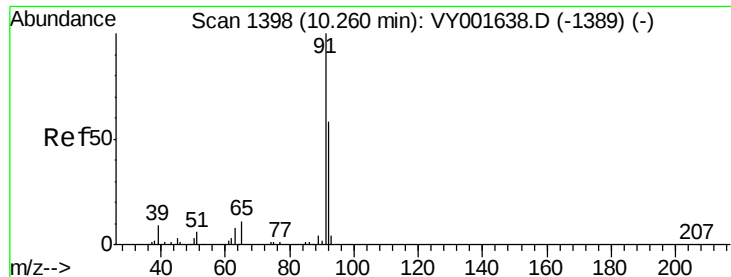
43 100

58 39.5 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-1359) (-)





#52

Toluene

Concen: 6131.088 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

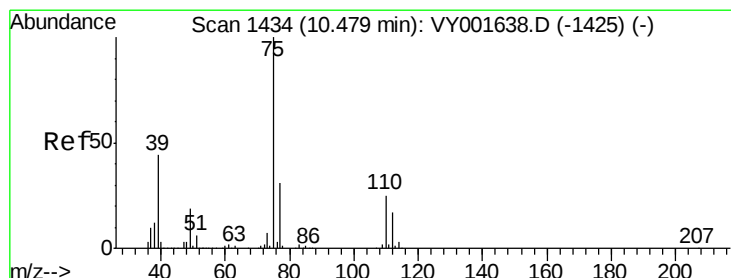
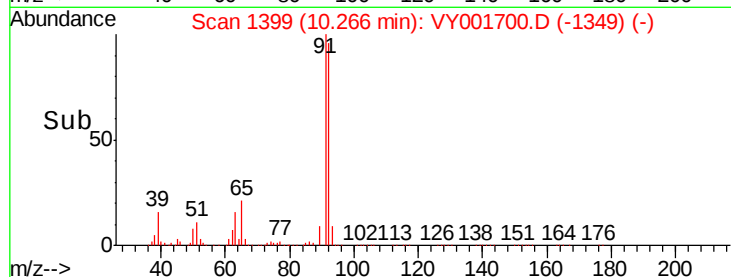
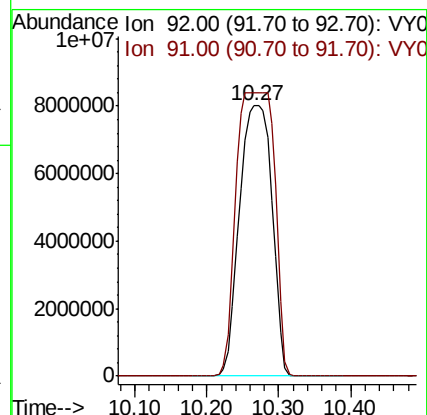
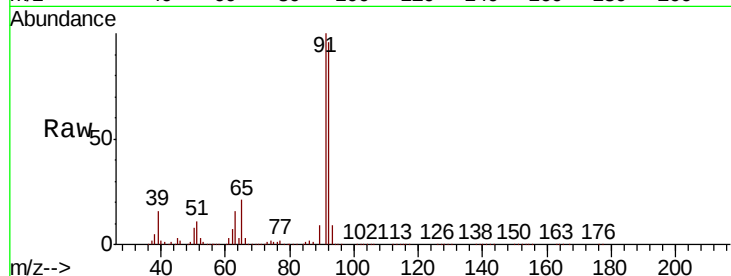
ClientSampleId :

Tot Ion: 92 Resp: 25201942

Ion Ratio Lower Upper

92 100

91 0.0 137.0 205.6#



#53

t-1,3-Dichloropropene

Concen: 163.159 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. -0.22 min

Lab File: VY001700.D

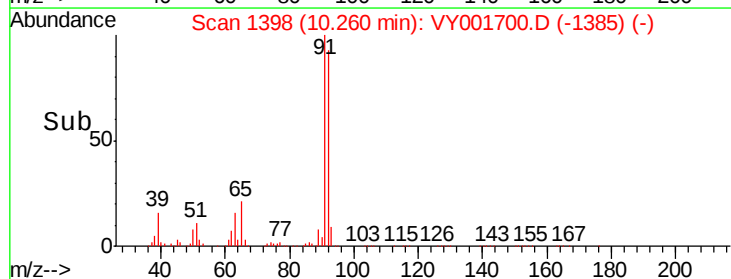
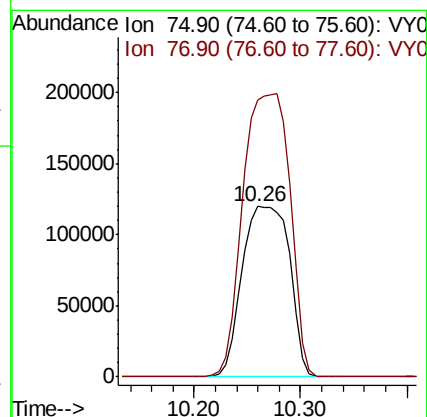
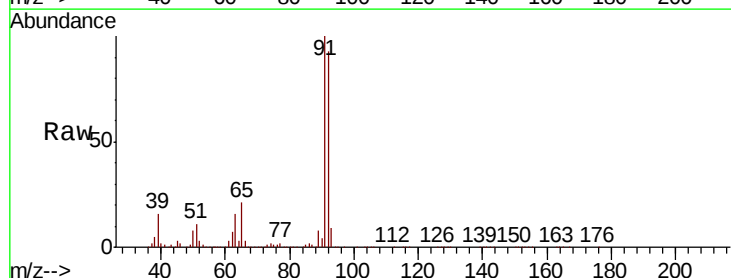
Acq: 19 Feb 2020 15:13

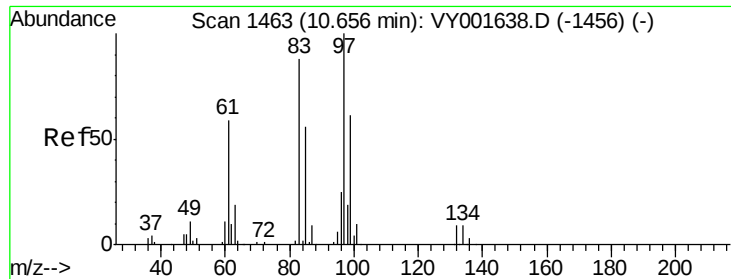
Tgt Ion: 75 Resp: 375769

Ion Ratio Lower Upper

75 100

77 163.1 25.2 37.8#

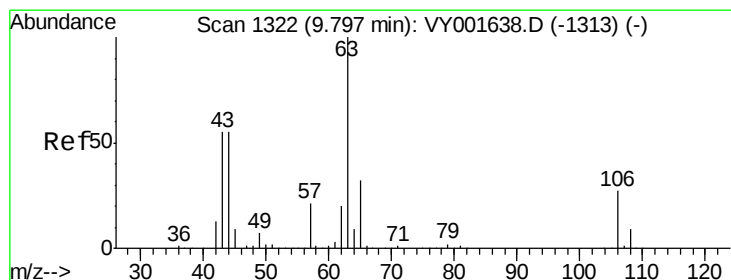
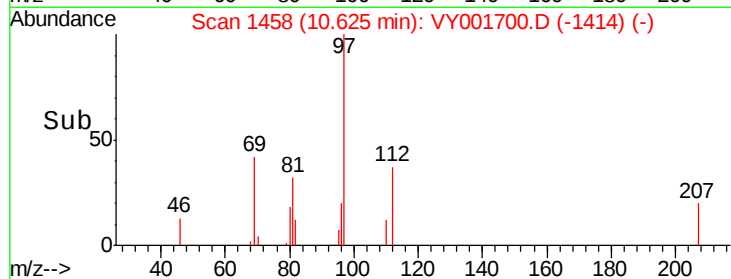
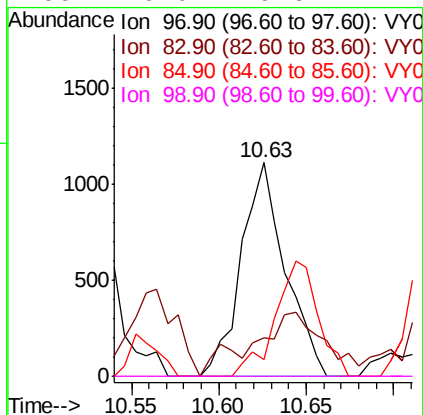
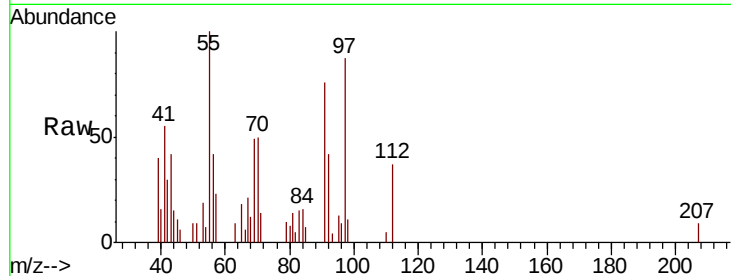




#55
 1,1,2-Trichloroethane
 Concen: 1.538 ug/l
 RT: 10.63 min Scan# 1458
 Delta R.T. -0.03 min
 Lab File: VY001700.D
 Acq: 19 Feb 2020 15:13

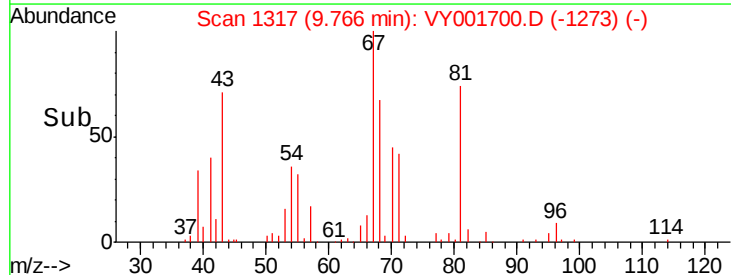
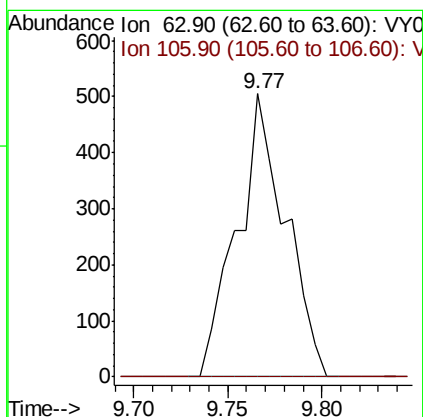
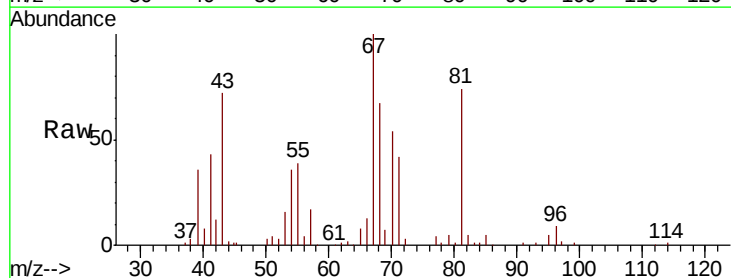
Instrument :
 MSVOA_Y
 ClientSampleId :

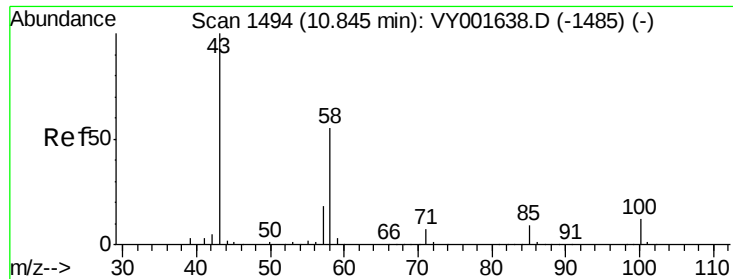
Tot Ion: 97 Resp: 1958
 Ion Ratio Lower Upper
 97 100
 83 10.1 69.7 104.5#
 85 7.6 44.5 66.7#
 99 0.0 49.6 74.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: Below Cal
 RT: 9.77 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: VY001700.D
 Acq: 19 Feb 2020 15:13

Tgt Ion: 63 Resp: 898
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.6 32.4#

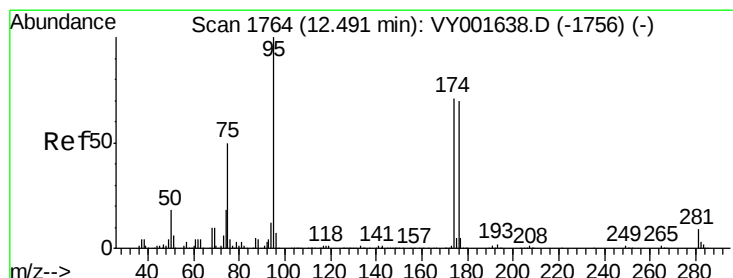
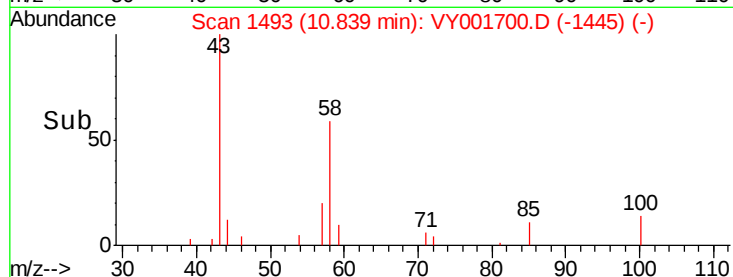
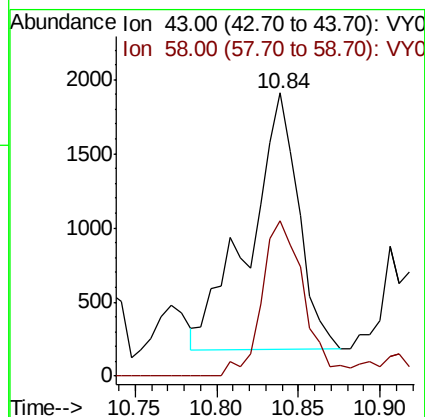
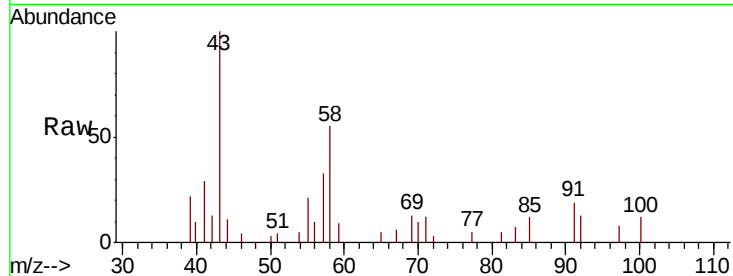




#59
2-Hexanone
Concen: 3.699 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

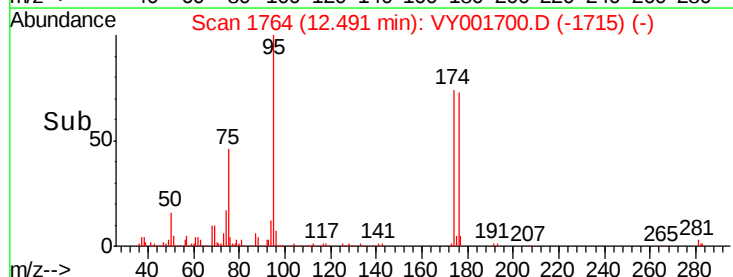
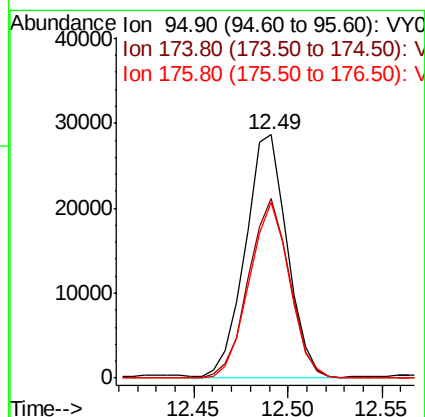
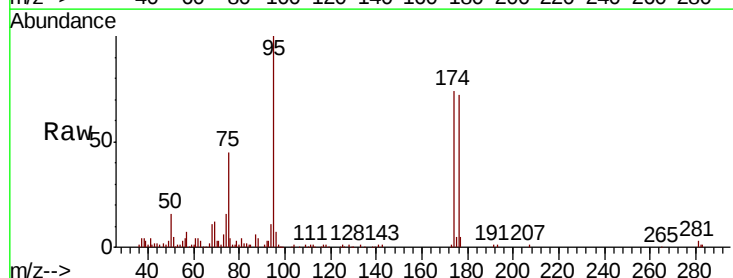
Instrument :
MSVOA_Y
ClientSampled :

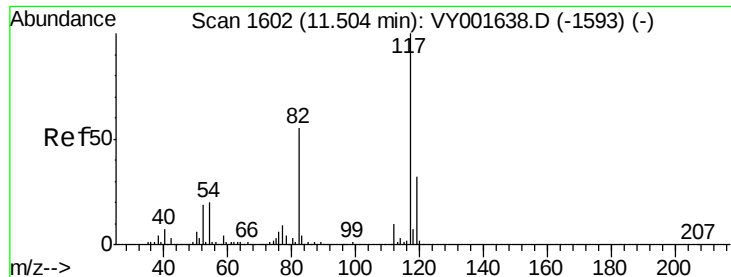
Tot Ion: 43 Resp: 3618
Ion Ratio Lower Upper
43 100
58 51.9 28.4 85.2



#62
4-Bromofluorobenzene
Concen: 21.474 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 95 Resp: 43910
Ion Ratio Lower Upper
95 100
174 72.7 0.0 138.4
176 70.0 0.0 131.8

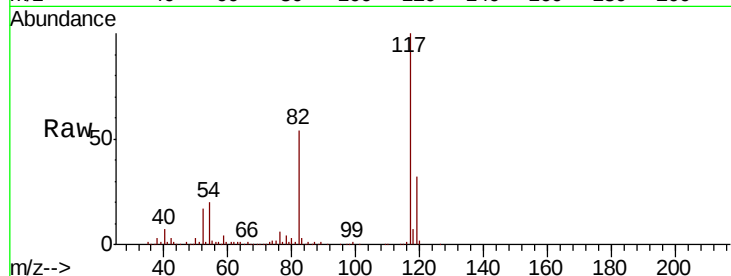




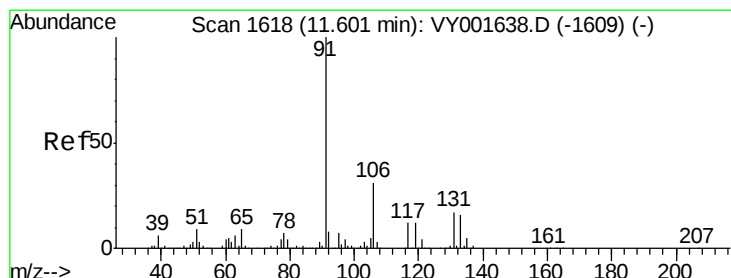
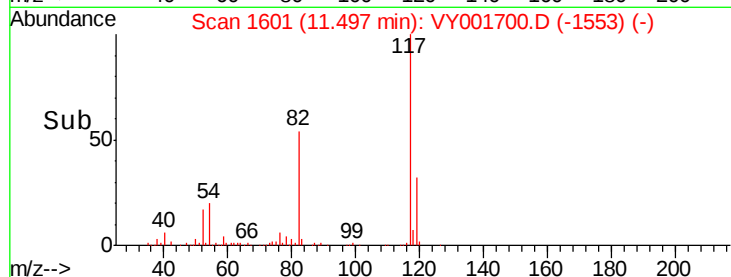
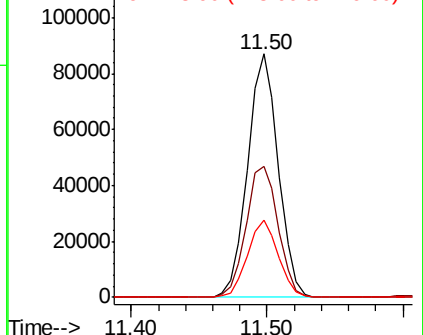
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 137001
Ion Ratio Lower Upper
117 100
82 53.5 45.5 68.3
119 31.7 25.8 38.6

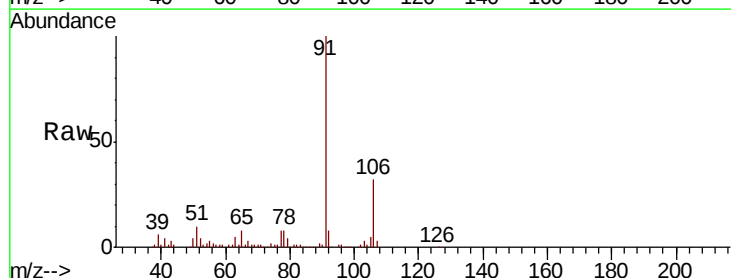


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

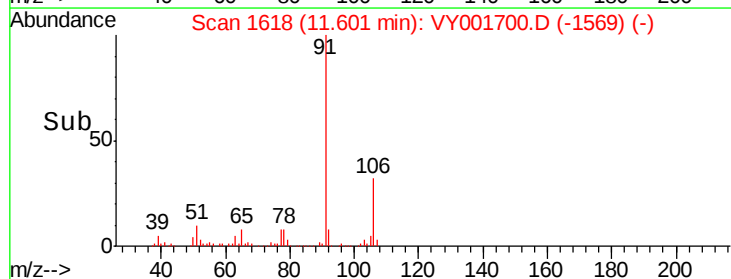
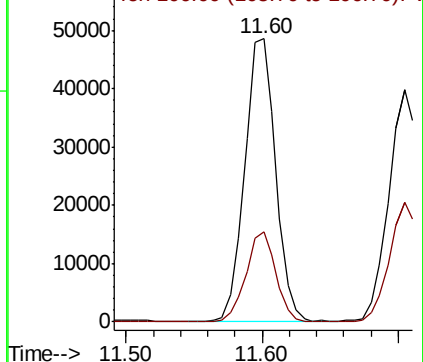


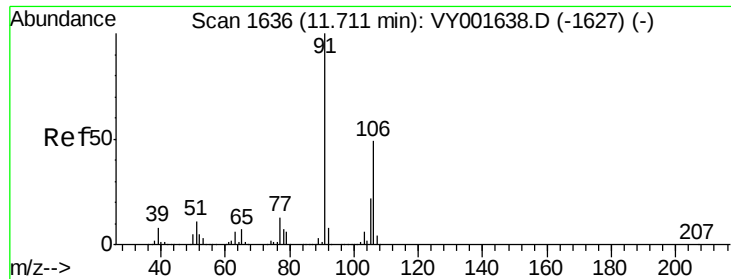
#67
Ethyl Benzene
Concen: 15.100 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 91 Resp: 76648
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 106.00 (105.70 to 106.70): V

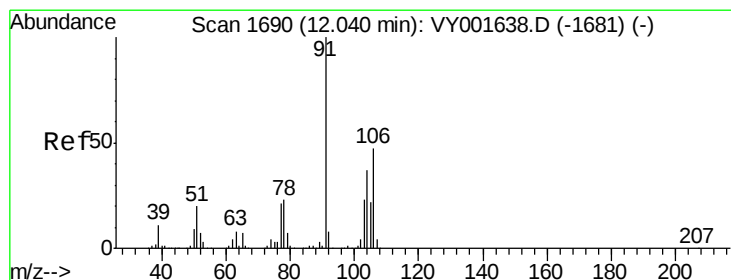
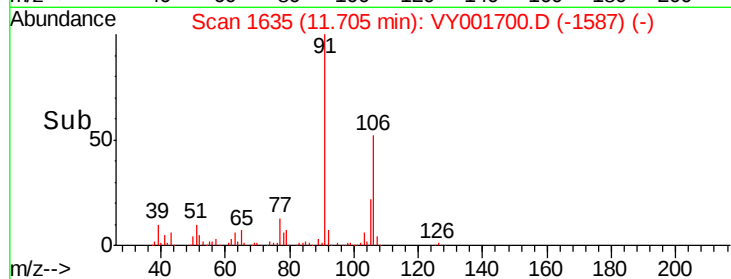
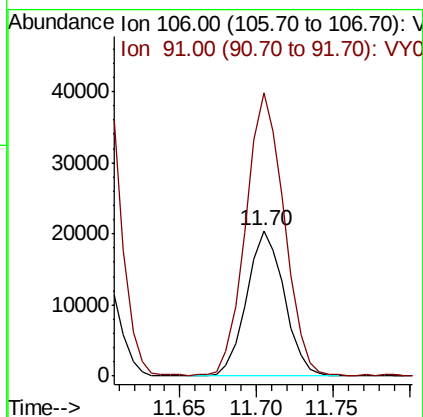
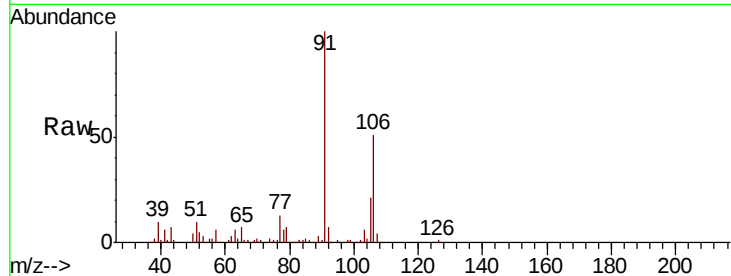




#68
m/p-Xylenes
Concen: 18.387 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

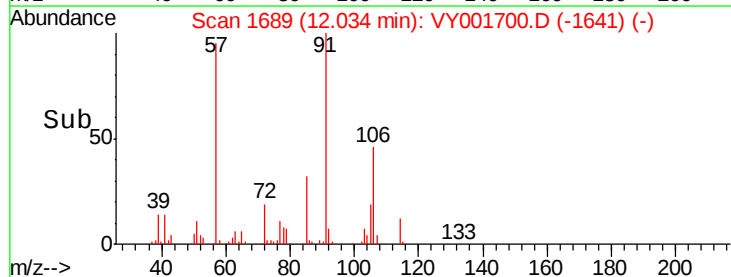
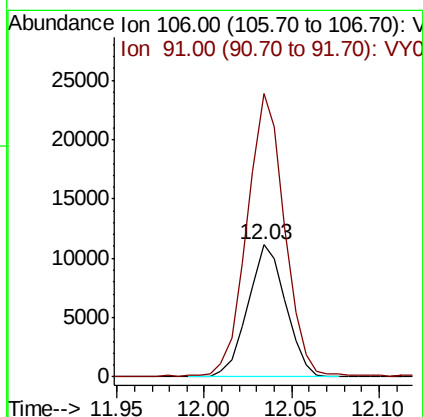
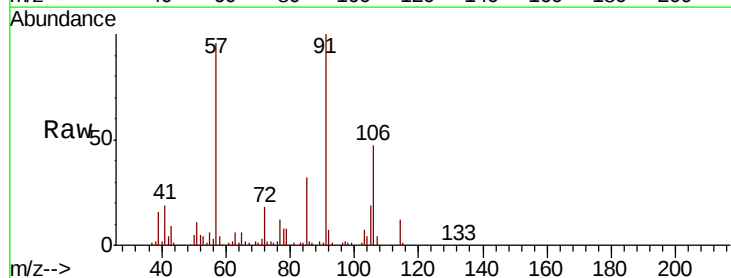
Instrument :
MSVOA_Y
ClientSampled :

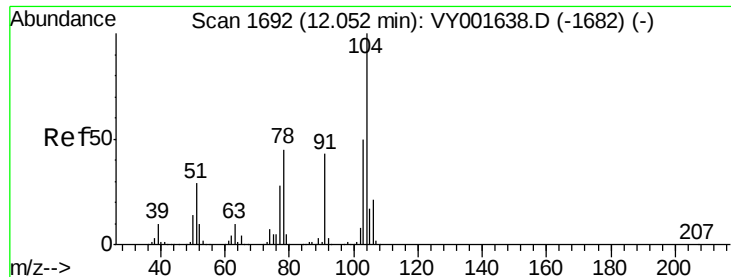
Tot Ion:106 Resp: 34863
Ion Ratio Lower Upper
106 100
91 197.9 163.3 244.9



#69
o-Xylene
Concen: 9.249 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion:106 Resp: 16673
Ion Ratio Lower Upper
106 100
91 215.8 108.3 324.9

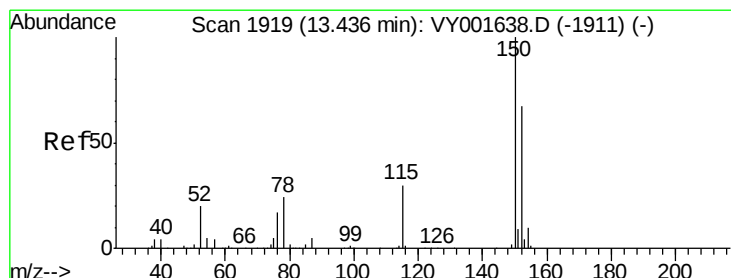
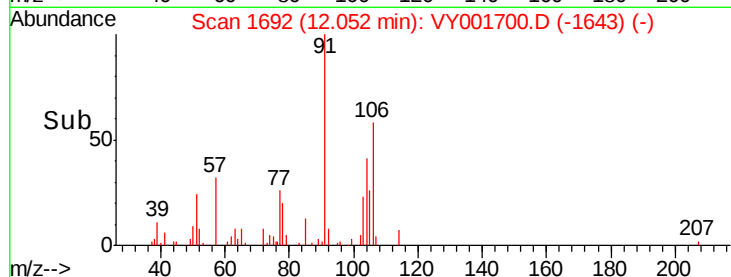
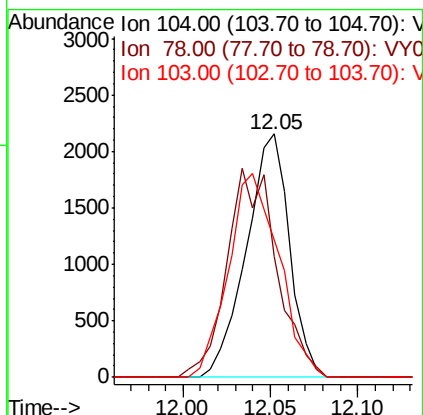
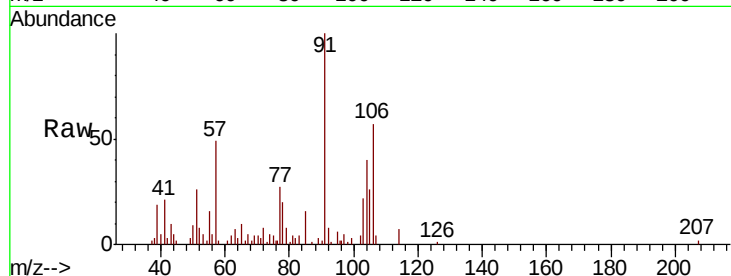




#70
Stvrene
Concen: 1.191 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

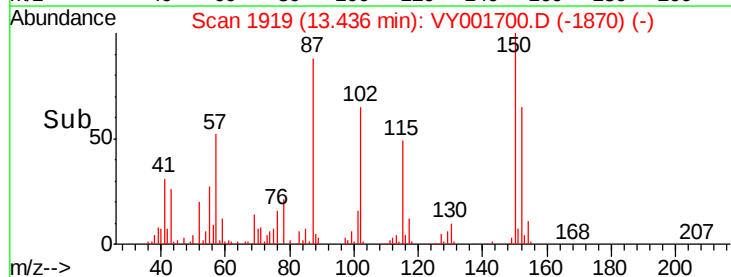
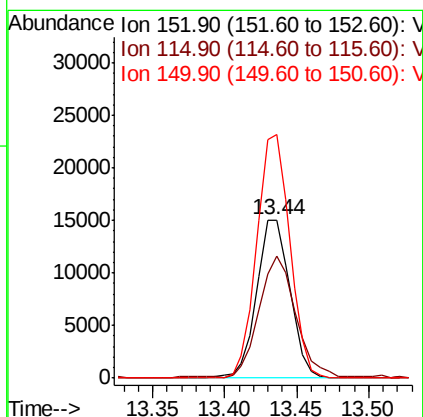
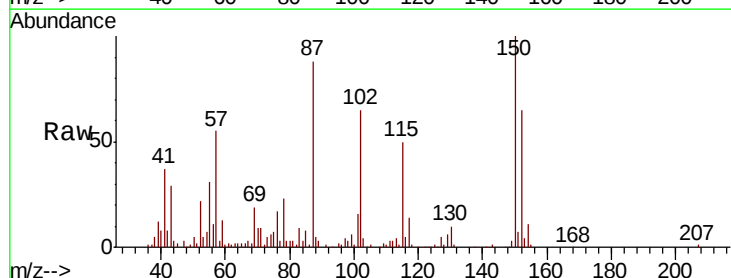
Instrument :
MSVOA_Y
ClientSampleId :

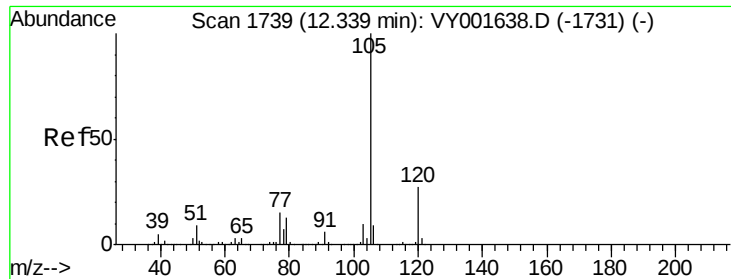
Tot Ion:104 Resp: 3730
Ion Ratio Lower Upper
104 100
78 98.2 39.2 58.8#
103 97.5 43.0 64.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion:152 Resp: 24101
Ion Ratio Lower Upper
152 100
115 83.9 31.4 94.2
150 152.2 0.0 407.2

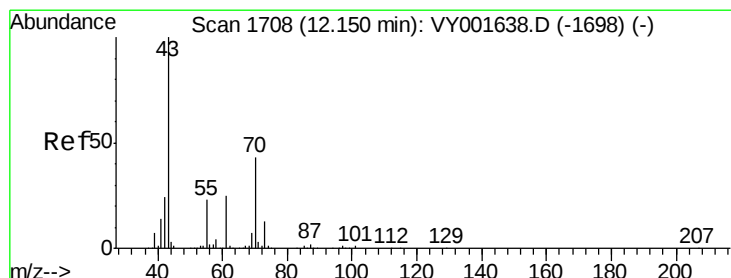
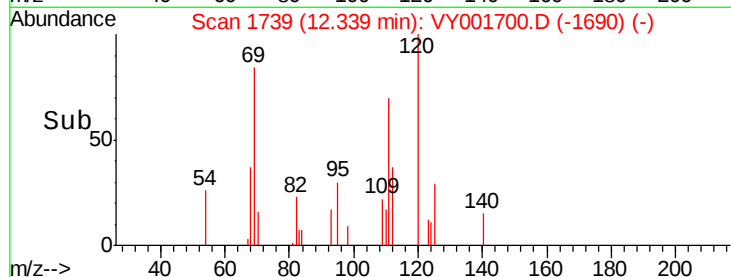
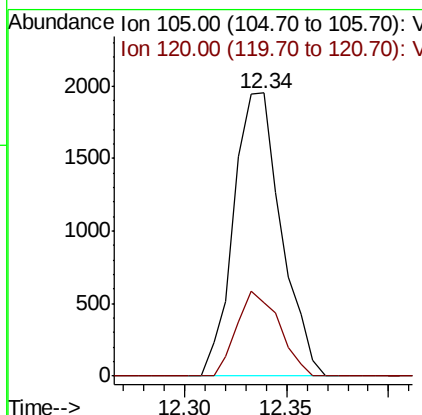
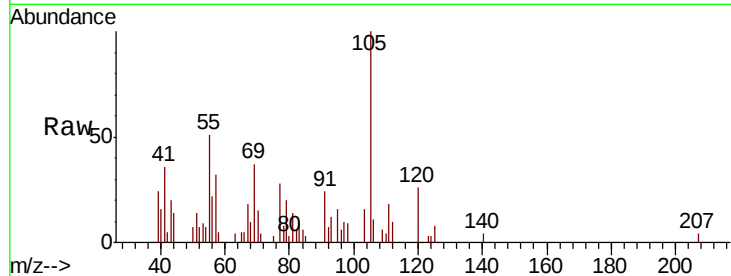




#73
Isopropylbenzene
Concen: 1.718 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

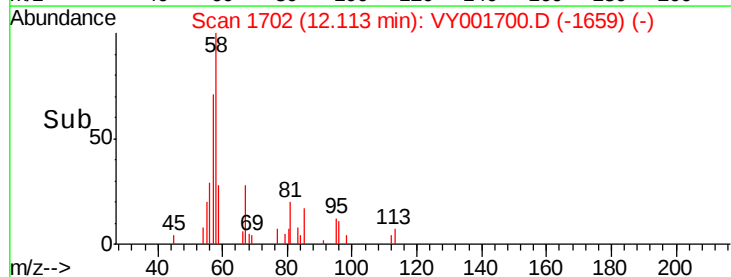
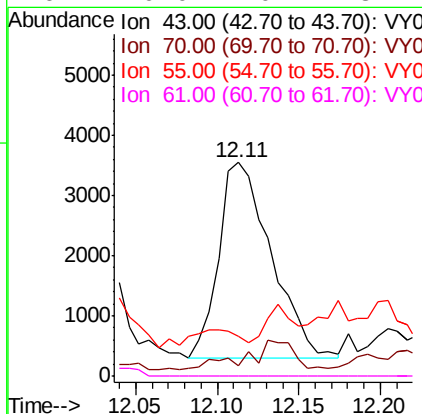
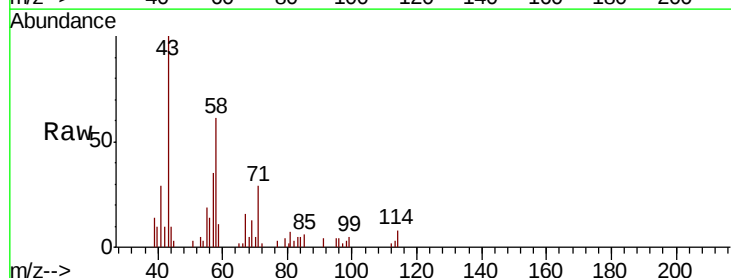
Instrument :
MSVOA_Y
ClientSampleId :

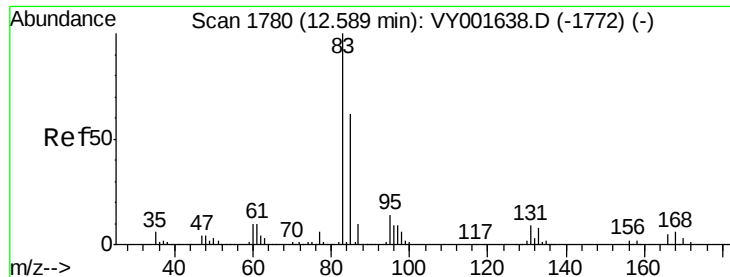
Tot Ion:105 Resp: 3155
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 12.456 ug/l
RT: 12.11 min Scan# 1702
Delta R.T. -0.04 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 43 Resp: 7299
Ion Ratio Lower Upper
43 100
70 3.2 35.9 53.9#
55 6.0 18.3 27.5#
61 0.0 20.7 31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.893 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.02 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

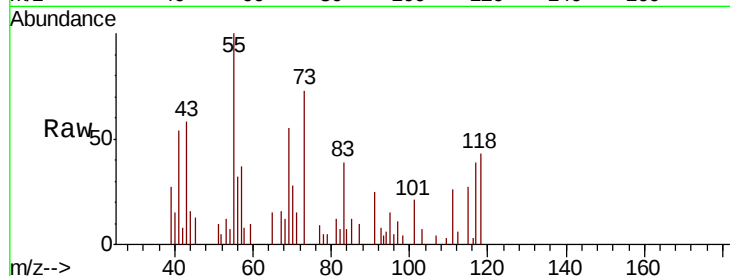
Tot Ion: 83 Resp: 742

Ion Ratio Lower Upper

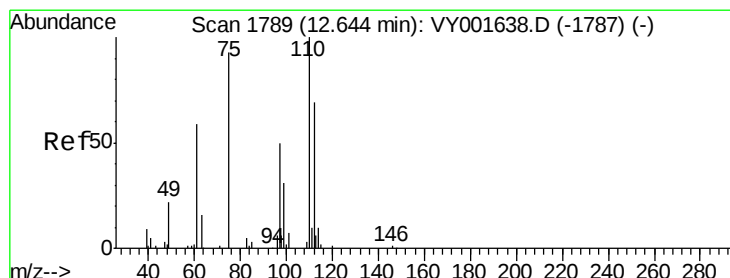
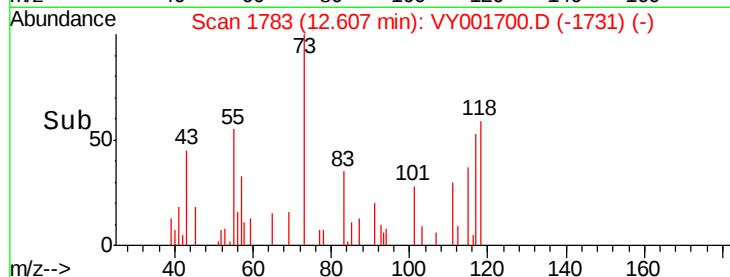
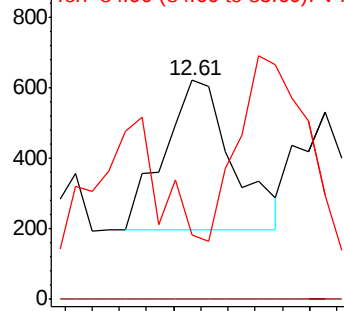
83 100

131 0.0 4.7 14.1#

85 108.0 31.6 94.7#



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: 75.241 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001700.D

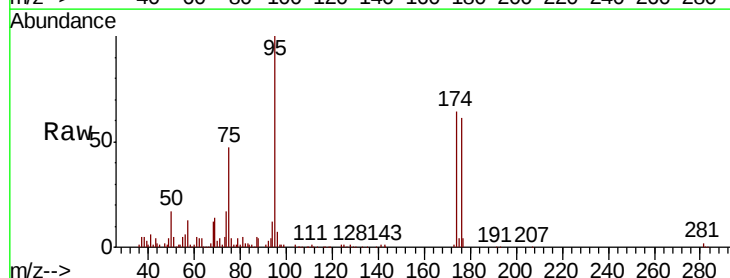
Acq: 19 Feb 2020 15:13

Tgt Ion: 75 Resp: 20802

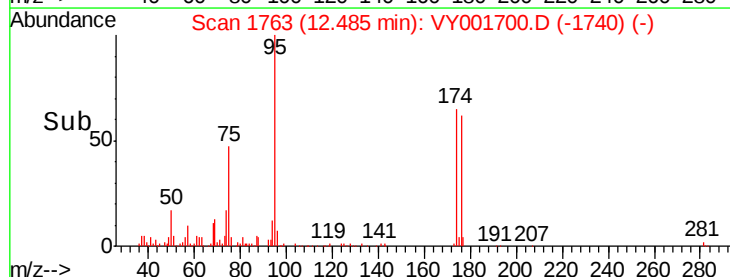
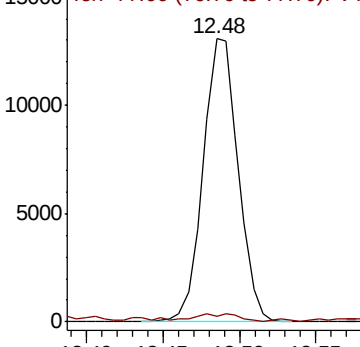
Ion Ratio Lower Upper

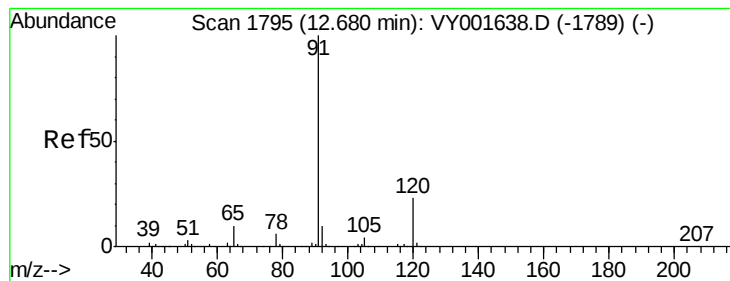
75 100

77 3.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#78

n-propylbenzene

Concen: 5.874 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

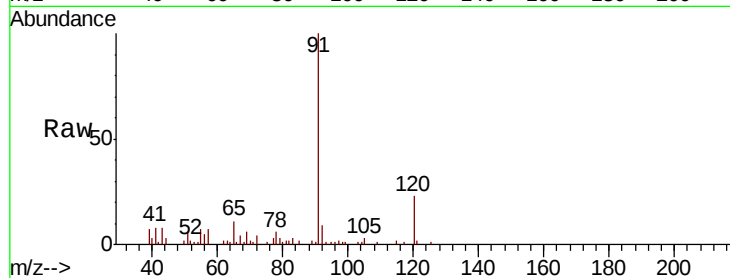
ClientSampleId :

Tot Ion: 91 Resp: 13135

Ion Ratio Lower Upper

91 100

120 24.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY001700.D (-1746) (-)

Ion 120.00 (119.70 to 120.70): VY001700.D (-1746) (-)

12.68

10000

8000

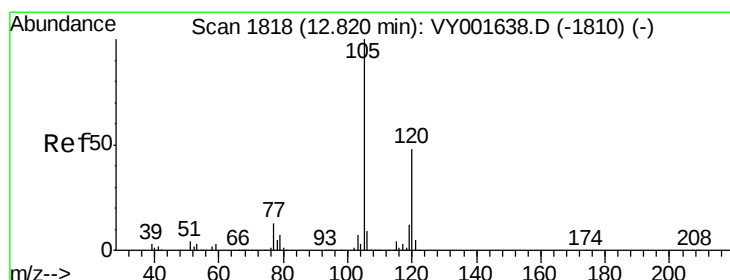
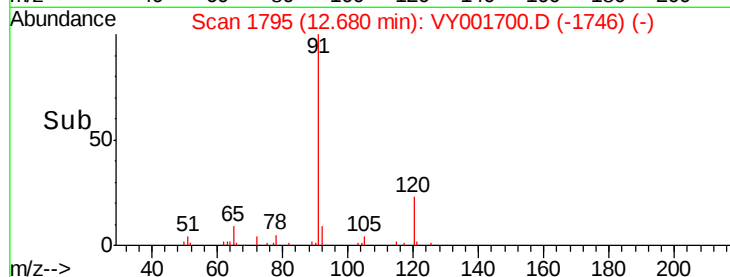
6000

4000

2000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.311 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001700.D

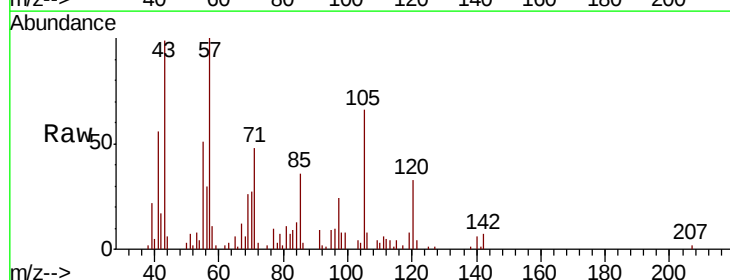
Acq: 19 Feb 2020 15:13

Tgt Ion: 105 Resp: 8072

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001700.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001700.D (-1769) (-)

12.82

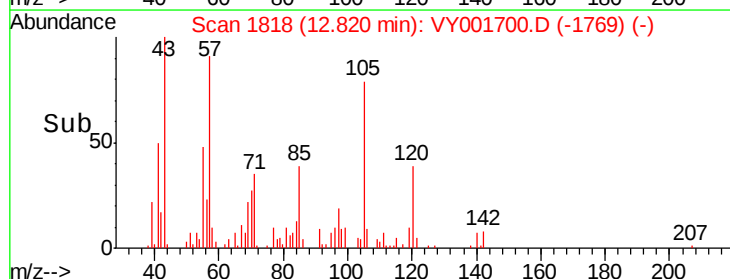
6000

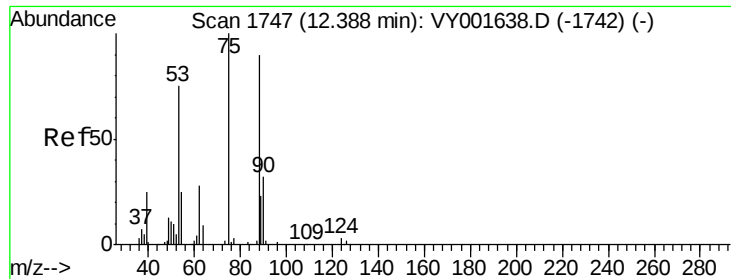
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 142.746 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

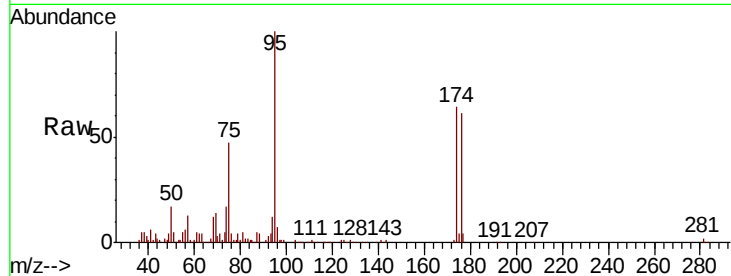
Tot Ion: 75 Resp: 20802

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

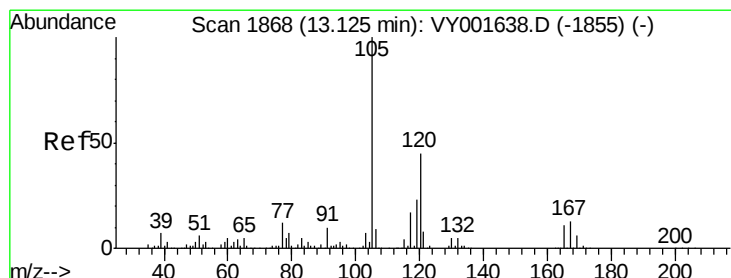
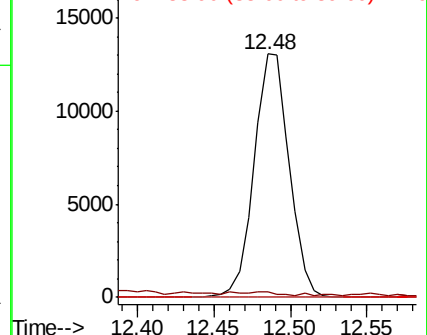
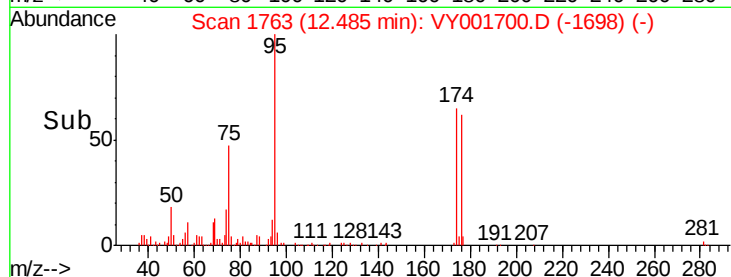
89 0.0 36.3 54.5#



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



#84

1,2,4-Trimethylbenzene

Concen: 16.378 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY001700.D

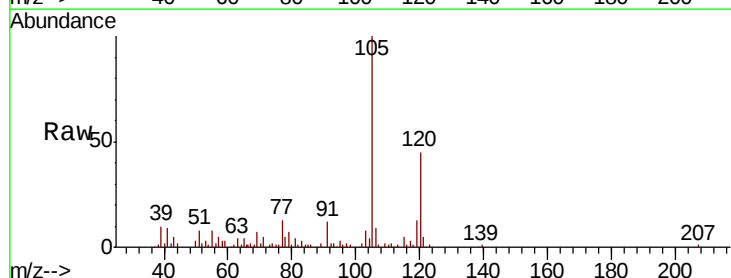
Acq: 19 Feb 2020 15:13

Tgt Ion: 105 Resp: 24817

Ion Ratio Lower Upper

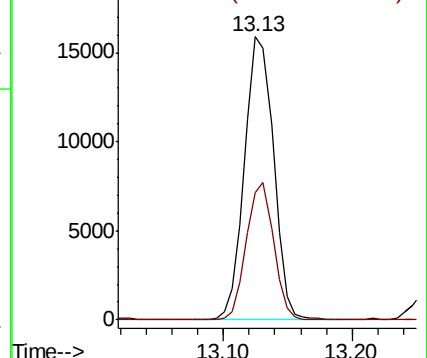
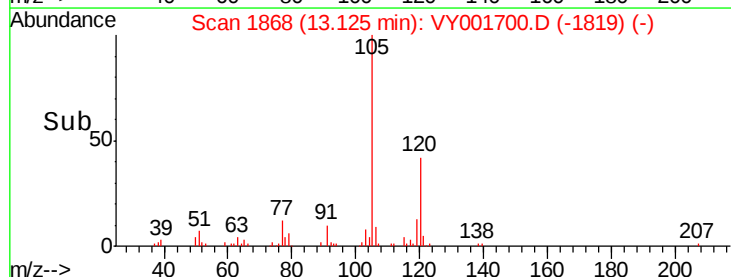
105 100

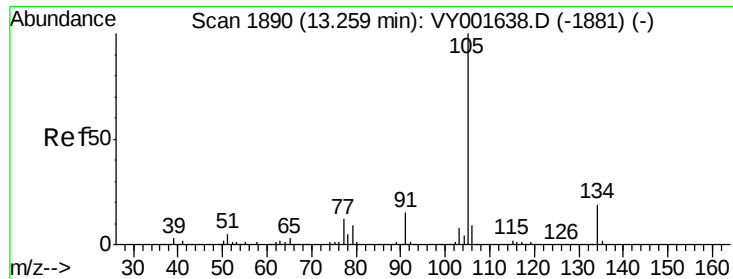
120 45.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.752 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

Instrument :

MSVOA_Y

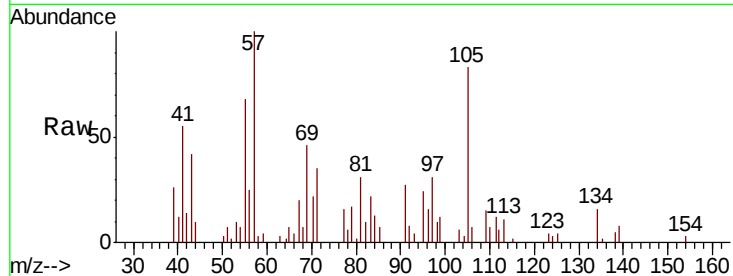
ClientSampleId :

Tot Ion:105 Resp: 3275

Ion Ratio Lower Upper

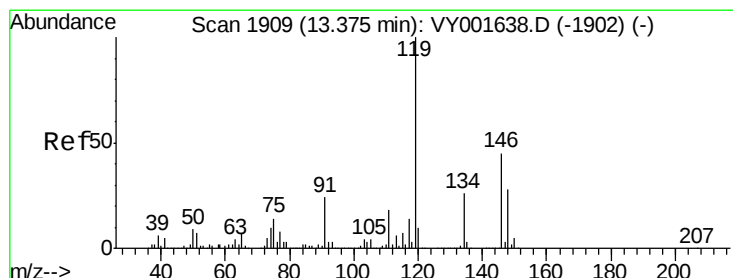
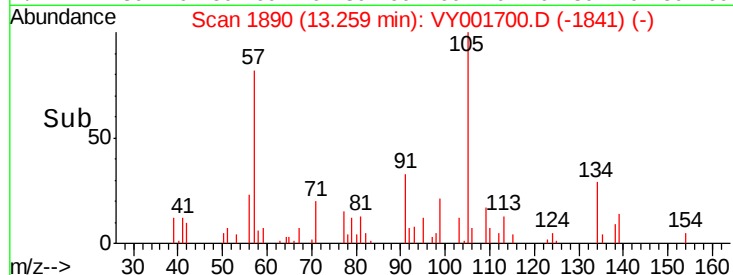
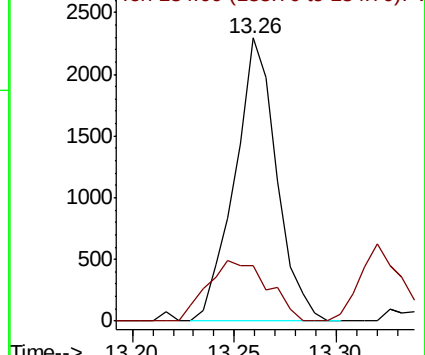
105 100

134 30.8 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.699 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001700.D

Acq: 19 Feb 2020 15:13

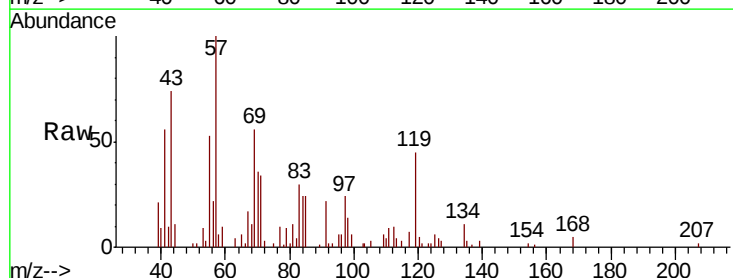
Tgt Ion:119 Resp: 2759

Ion Ratio Lower Upper

119 100

134 27.4 13.0 39.0

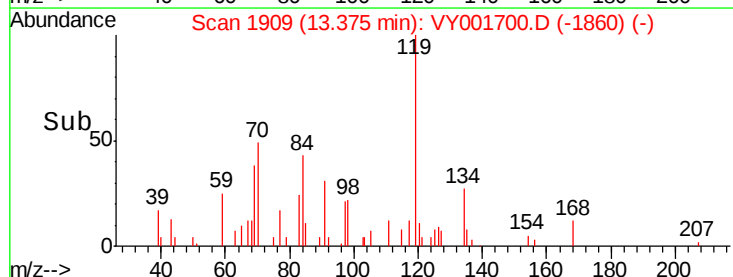
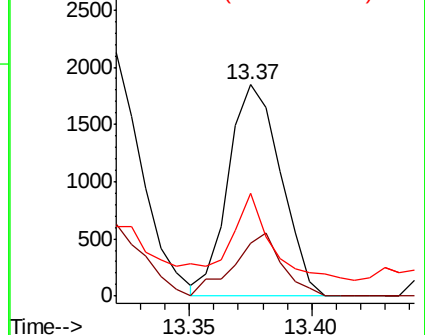
91 28.6 12.2 36.6

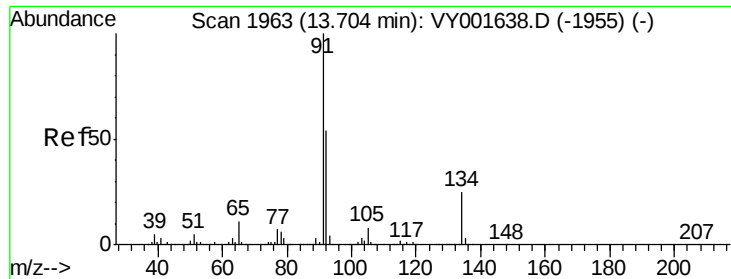


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

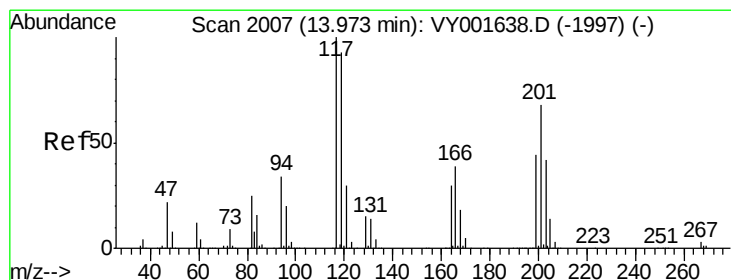
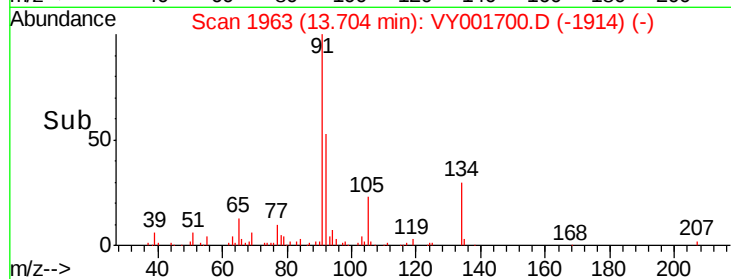
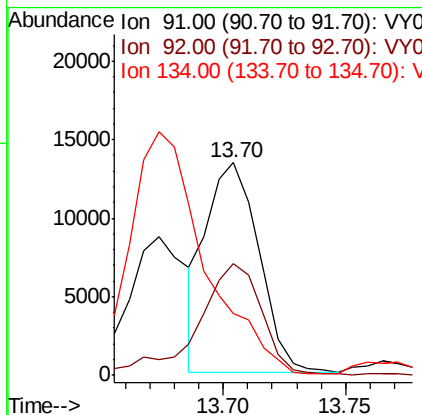
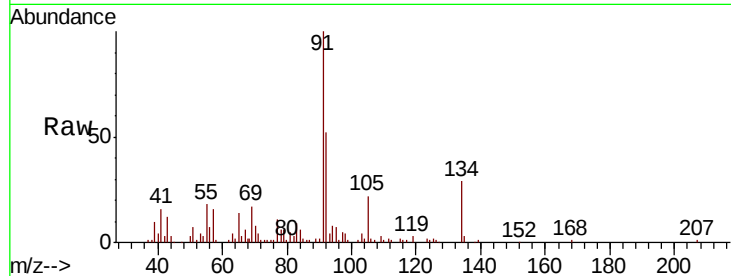




#89
n-Butylbenzene
Concen: 11.958 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

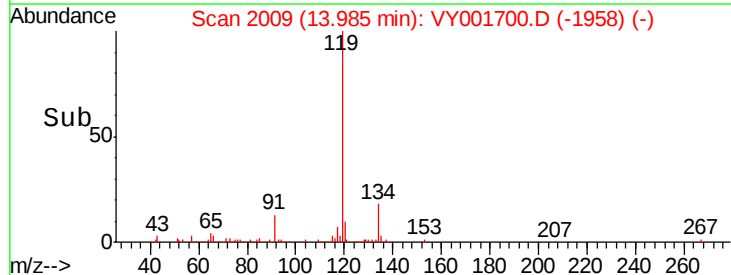
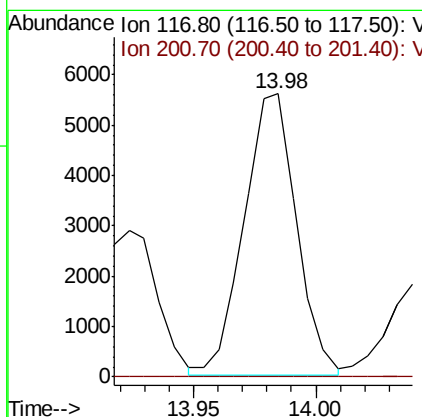
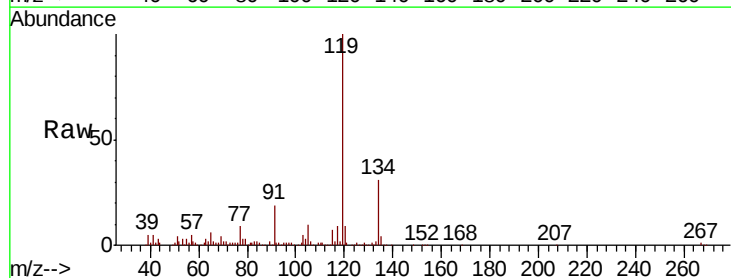
Instrument :
MSVOA_Y
ClientSampled :

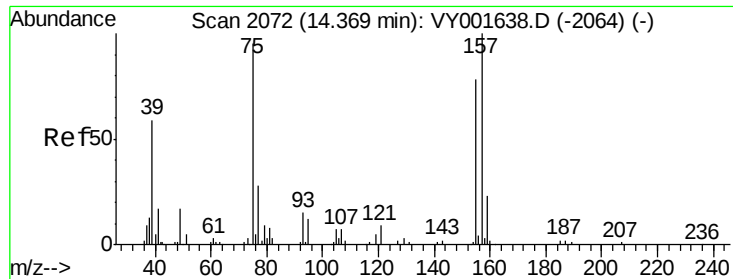
Tot Ion: 91 Resp: 19845
Ion Ratio Lower Upper
91 100
92 64.9 27.5 82.4
134 0.0 12.4 37.4#



#90
Hexachloroethane
Concen: 27.297 ug/l
RT: 13.98 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VY001700.D
Acq: 19 Feb 2020 15:13

Tgt Ion: 117 Resp: 8353
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.4#

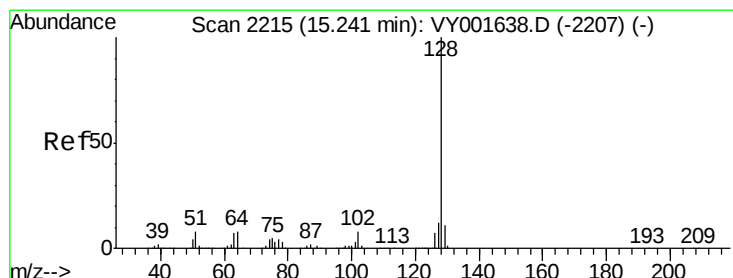
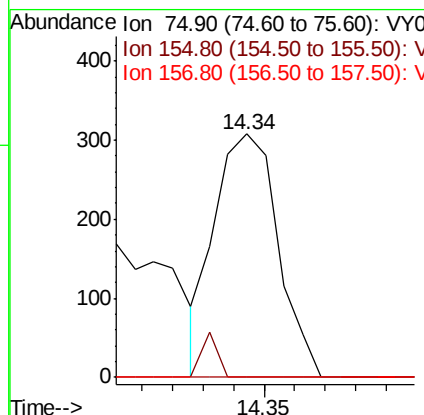
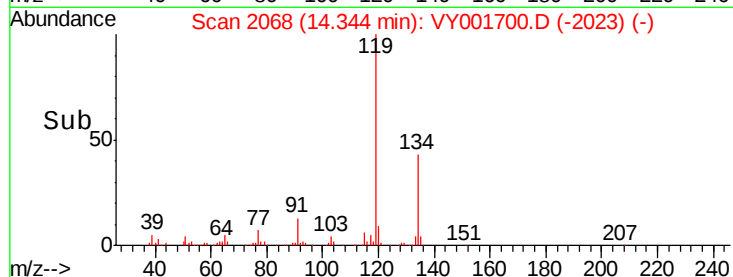
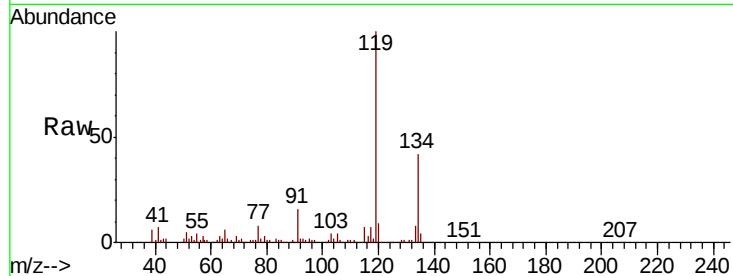




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.816 ug/l
 RT: 14.34 min Scan# 2068
 Delta R.T. -0.02 min
 Lab File: VY001700.D
 Acq: 19 Feb 2020 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 441
 Ion Ratio Lower Upper
 75 100
 155 4.8 40.8 122.4#
 157 0.0 52.1 156.4#



#95
 Naphthalene
 Concen: 9.962 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: VY001700.D
 Acq: 19 Feb 2020 15:13

Tgt Ion: 128 Resp: 10843
 Ion Ratio Lower Upper
 128 100
 127 13.7 9.9 14.9
 129 10.6 8.6 13.0

