

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001340.D
 Acq On : 22 Jan 2020 18:43
 Operator : SY/MD
 Sample : L1215-02
 Misc : 7.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:16:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	3424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	6950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	7054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	3194	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	3162	84.87	ug/l	0.00
Spiked Amount			Recovery	=	169.74%	
35) Dibromofluoromethane	7.76	113	1954	47.90	ug/l	0.01
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	10.20	98	8394	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.49	95	3651	57.85	ug/l	-0.02
Spiked Amount			Recovery	=	115.70%	

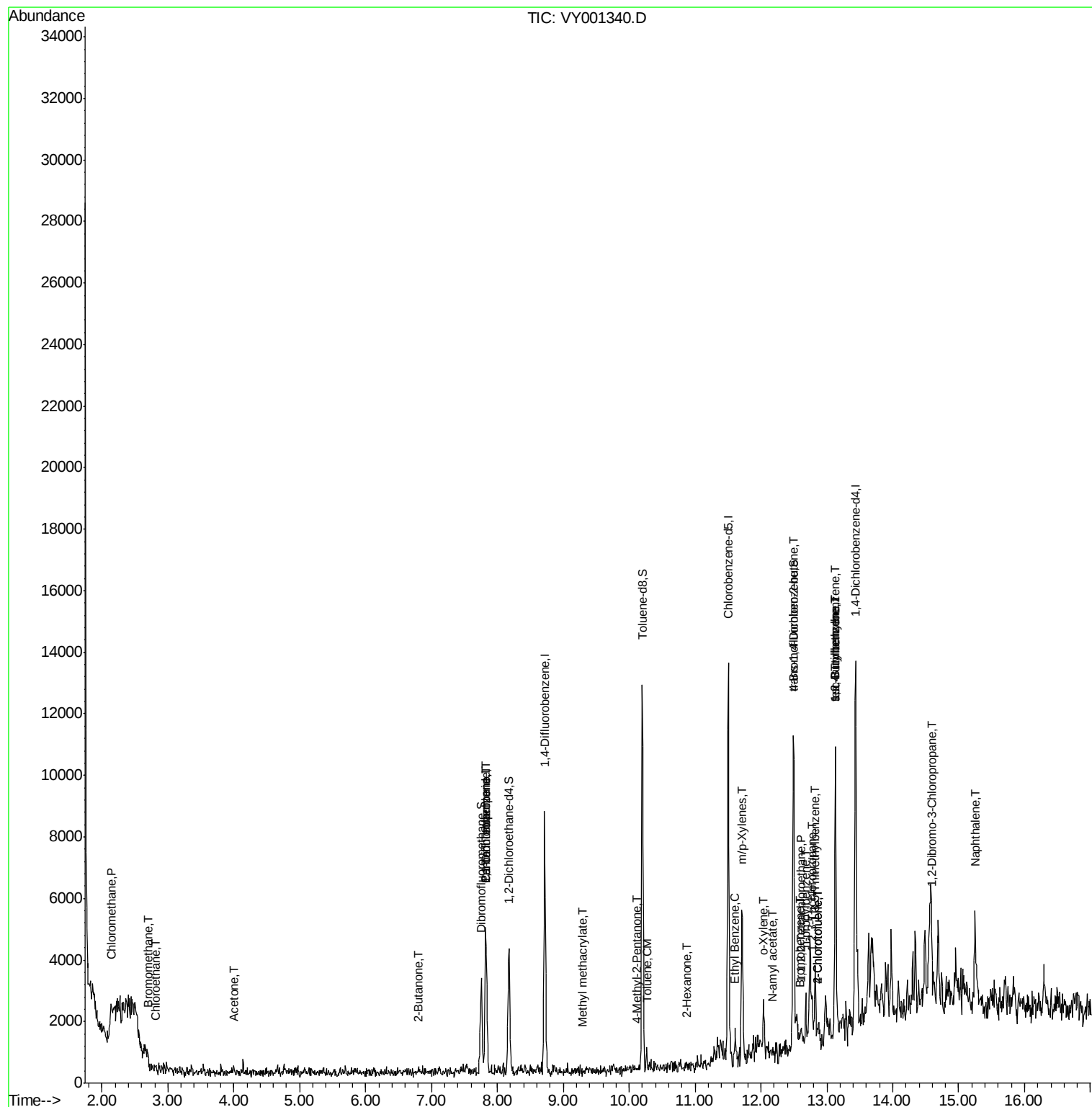
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.14	50	278	6.812	ug/l #	43
5) Bromomethane	2.69	94	170	5.932	ug/l	98
6) Chloroethane	2.81	64	64	2.354	ug/l #	41
13) Acrolein	3.69	56	26	Below Cal	#	15
16) Acetone	3.99	43	173	10.361	ug/l #	43
20) Methylene Chloride	4.77	84	149	Below Cal	#	19
25) 2-Butanone	6.80	43	45	2.775	ug/l #	49
36) 1,1-Dichloropropene	7.82	75	237	3.609	ug/l #	41
38) Carbon Tetrachloride	7.82	117	356	6.084	ug/l #	12
48) Methyl methacrylate	9.30	41	46	1.297	ug/l #	12
51) 4-Methyl-2-Pentanone	10.11	43	73	1.817	ug/l #	36
52) Toluene	10.27	92	251	2.011	ug/l #	59
59) 2-Hexanone	10.88	43	56	2.002	ug/l	83
67) Ethyl Benzene	11.61	91	812	2.963	ug/l	96
68) m/p-Xylenes	11.71	106	1484	14.500	ug/l	98
69) o-Xylene	12.03	106	490	4.977	ug/l	88
74) N-amyl acetate	12.17	43	197	2.388	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.62	83	176	3.261	ug/l #	26
76) 1,2,3-Trichloropropane	12.77	75	52	1.351	ug/l #	100
77) Bromobenzene	12.60	156	315	5.643	ug/l #	1
78) n-propylbenzene	12.68	91	842	2.776	ug/l	86
79) 2-Chlorotoluene	12.86	91	218	1.258	ug/l	77
80) 1,3,5-Trimethylbenzene	12.82	105	1230	5.847	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.49	75	1639	80.587	ug/l #	15
82) 4-Chlorotoluene	12.86	91	218	1.178	ug/l	77
83) tert-Butylbenzene	13.13	119	608	3.429	ug/l #	51
84) 1,2,4-Trimethylbenzene	13.13	105	4837	22.901	ug/l	94
85) sec-Butylbenzene	13.13	105	4837	19.198	ug/l #	57
92) 1,2-Dibromo-3-Chloropropan	14.59	75	167	17.930	ug/l #	1
95) Naphthalene	15.24	128	1981	13.019	ug/l	99

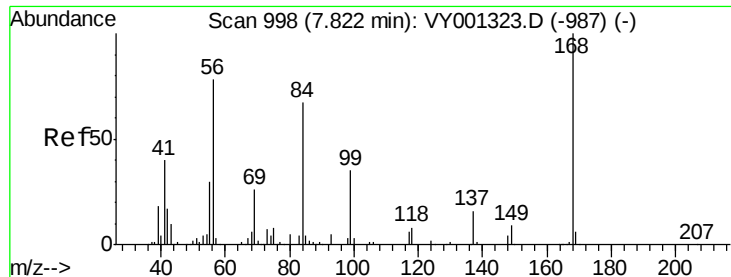
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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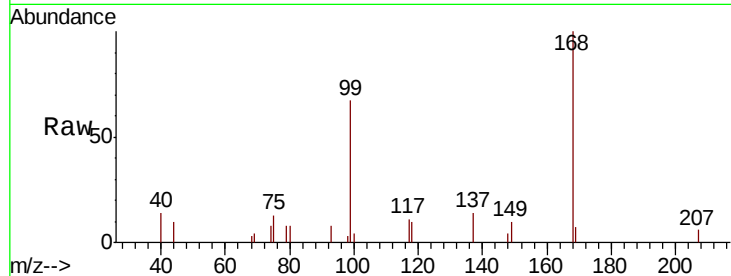


#1

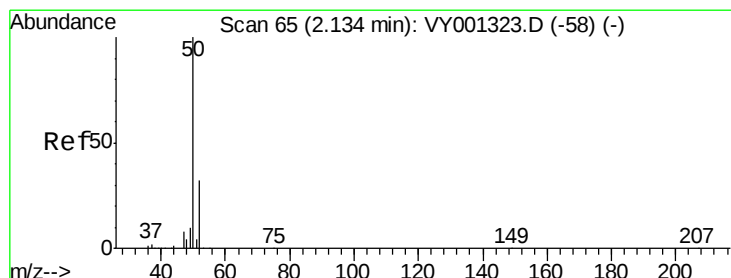
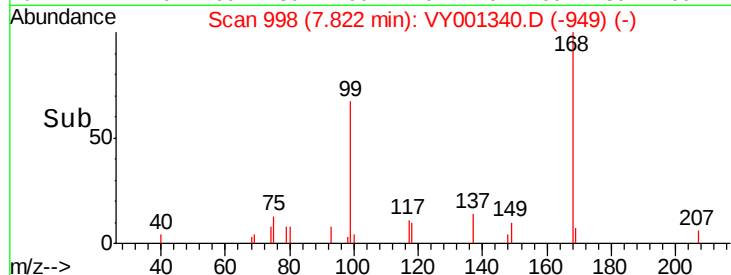
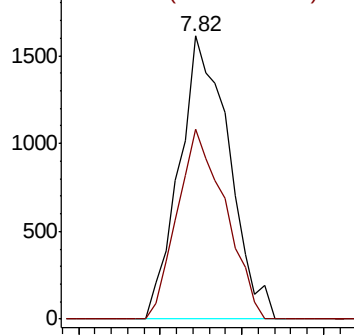
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VY001340.D
 Acq: 22 Jan 2020 18:43

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:168 Resp: 3424
 Ion Ratio Lower Upper
 168 100
 99 67.1 44.3 66.5#



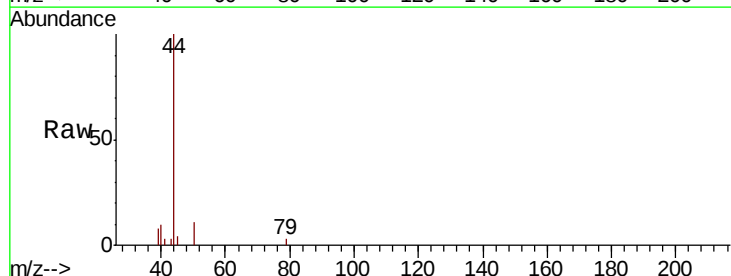
Abundance Ion 167.90 (167.60 to 168.60): VY001340.D (-949) (-)
 Ion 98.90 (98.60 to 99.60): VY001340.D (-949) (-)



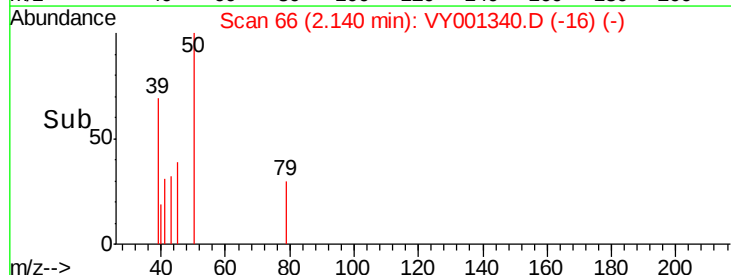
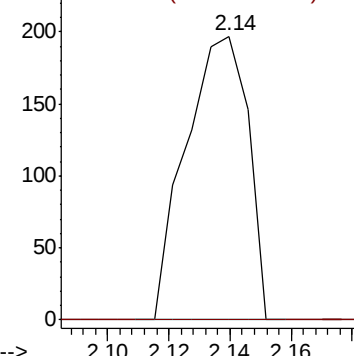
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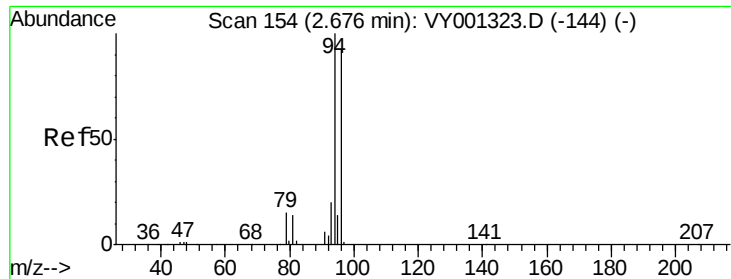
Chloromethane
 Concen: 6.812 ug/l
 RT: 2.14 min Scan# 66
 Delta R.T. 0.01 min
 Lab File: VY001340.D
 Acq: 22 Jan 2020 18:43

Tgt Ion: 50 Resp: 278
 Ion Ratio Lower Upper
 50 100
 52 0.0 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VY001340.D (-16) (-)
 Ion 51.90 (51.60 to 52.60): VY001340.D (-16) (-)





#5

Bromomethane

Concen: 5.932 ug/l

RT: 2.69 min Scan# 157

Delta R.T. 0.02 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

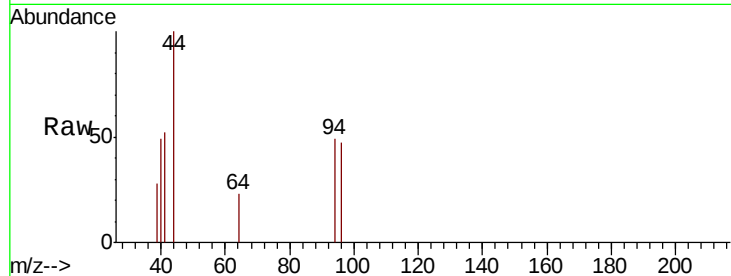
ClientSampled :

Tot Ion: 94 Resp: 170

Ion Ratio Lower Upper

94 100

96 95.6 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.69

150

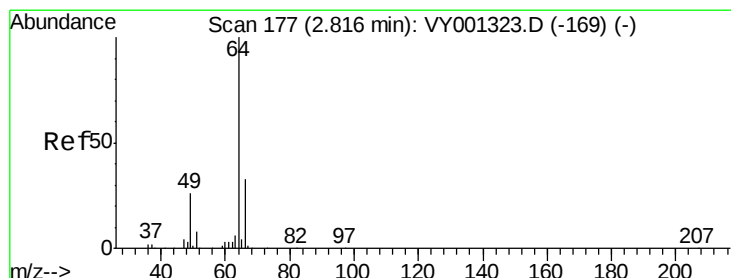
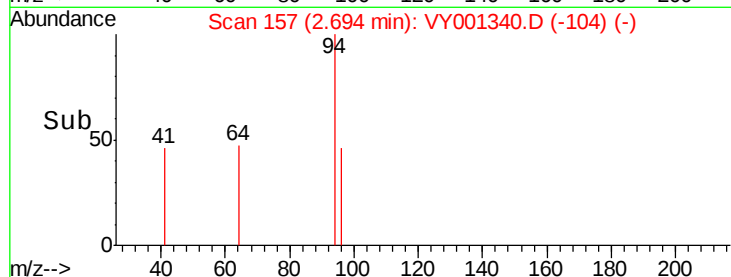
100

50

0

2.66 2.68 2.70 2.72

Time-->



#6

Chloroethane

Concen: 2.354 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001340.D

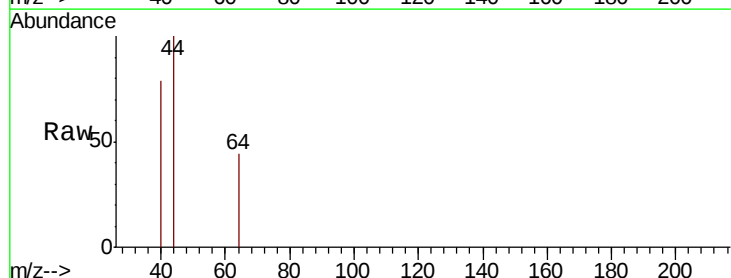
Acq: 22 Jan 2020 18:43

Tgt Ion: 64 Resp: 64

Ion Ratio Lower Upper

64 100

66 0.0 26.8 40.2#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

120

100

80

60

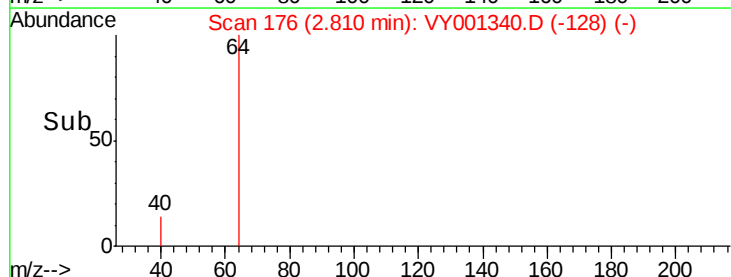
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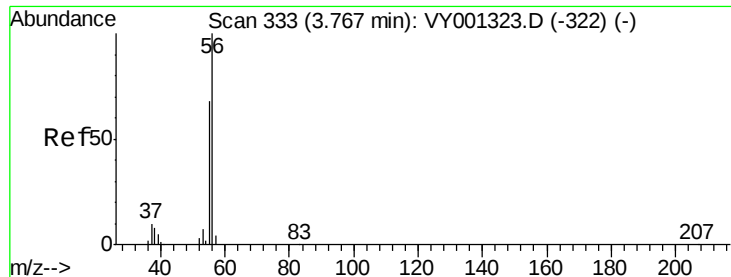
20

0

2.80 2.81 2.82

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.69 min Scan# 320

Delta R.T. -0.07 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

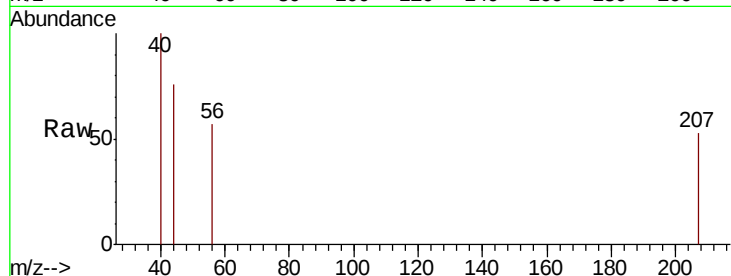
ClientSampleId :

Tot Ion: 56 Resp: 26

Ion Ratio Lower Upper

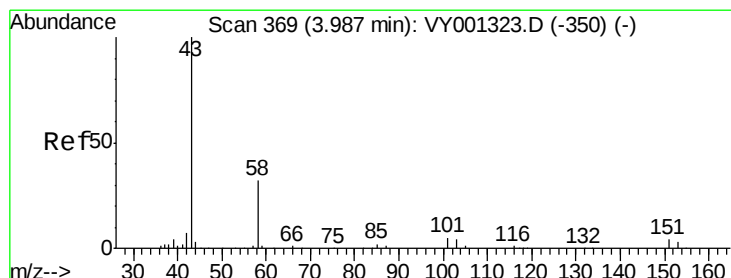
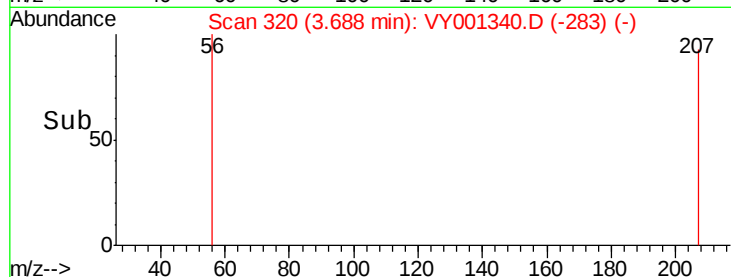
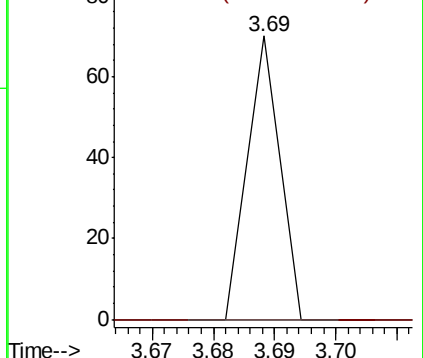
56 100

55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: 10.361 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.01 min

Lab File: VY001340.D

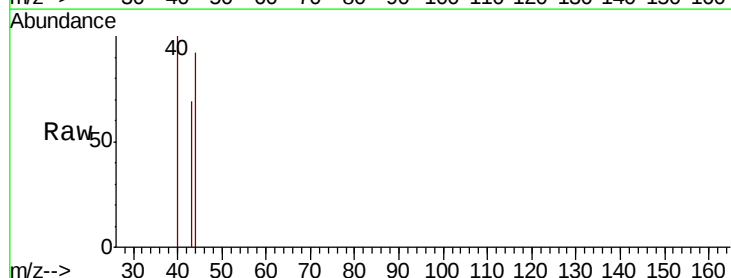
Acq: 22 Jan 2020 18:43

Tgt Ion: 43 Resp: 173

Ion Ratio Lower Upper

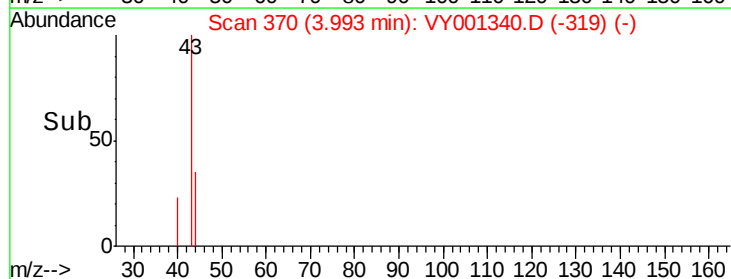
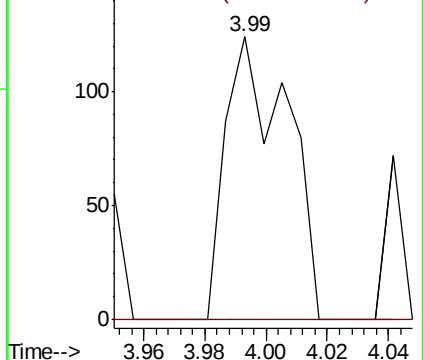
43 100

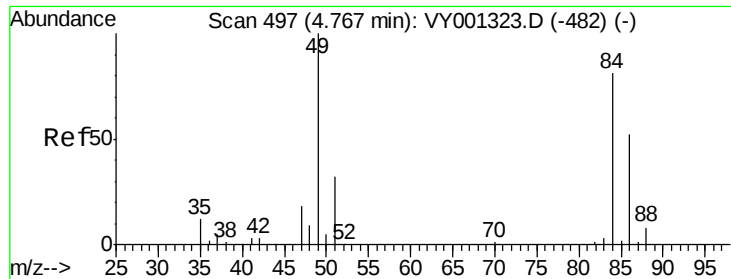
58 0.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

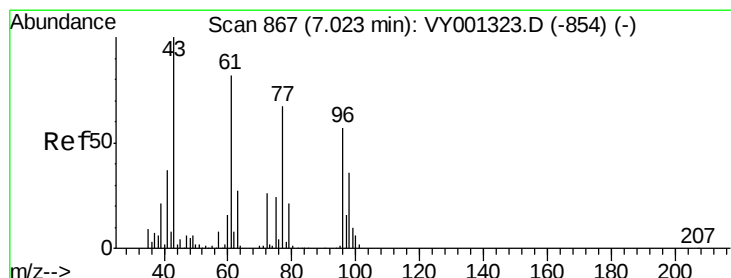
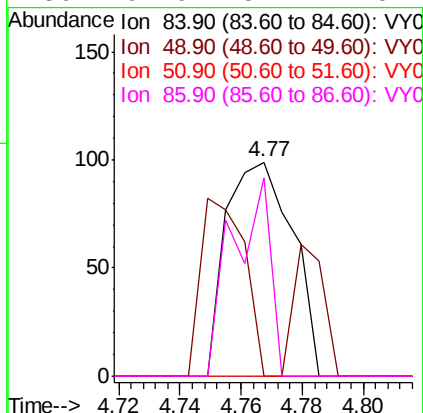
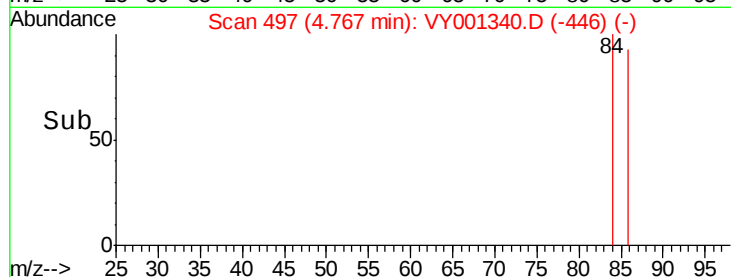
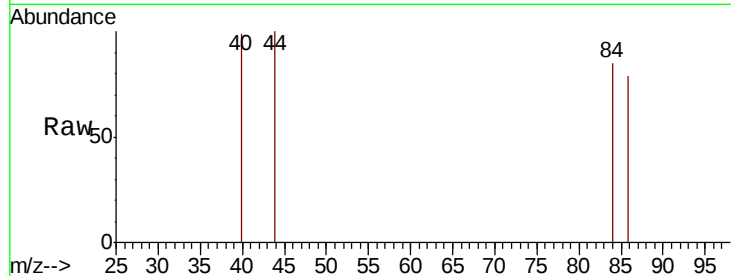




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.77 min Scan# 497
Delta R.T. 0.01 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

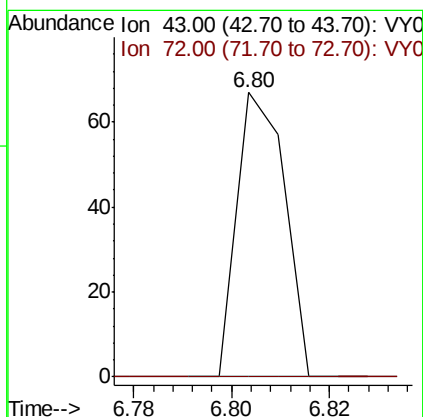
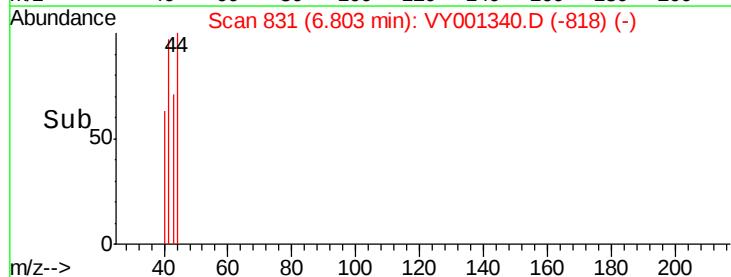
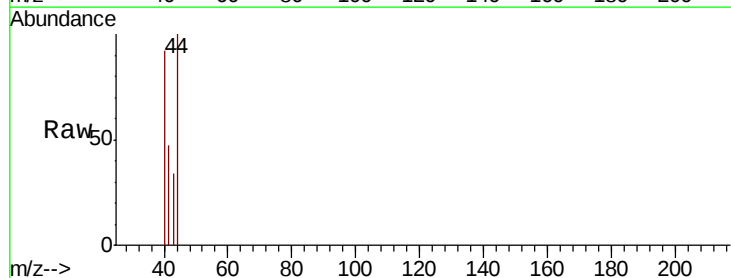
Instrument :
MSVOA_Y
ClientSampled :

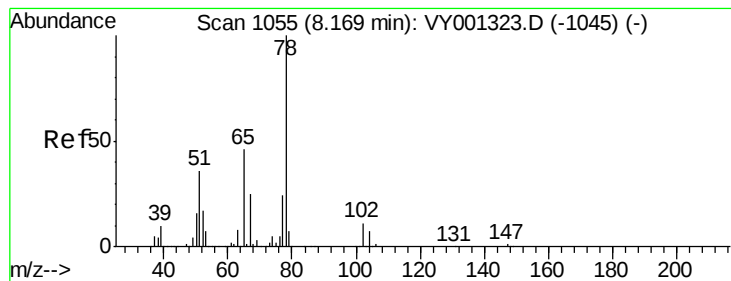
Tot Ion: 84 Resp: 149
Ion Ratio Lower Upper
84 100
49 0.0 98.3 147.5#
51 0.0 31.6 47.4#
86 92.9 51.1 76.7#



#25
2-Butanone
Concen: 2.775 ug/l
RT: 6.80 min Scan# 831
Delta R.T. -0.22 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#





#33

1,2-Dichloroethane-d4

Concen: 84.868 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

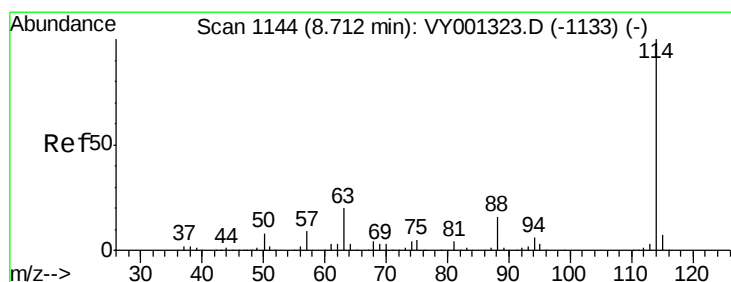
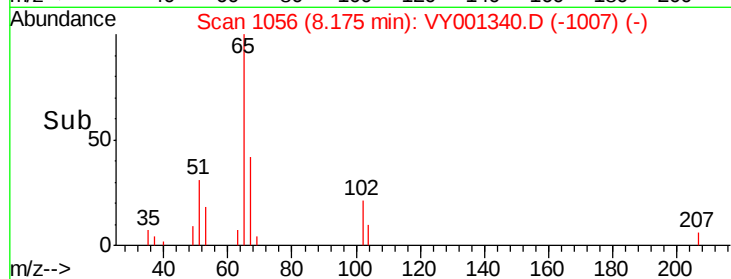
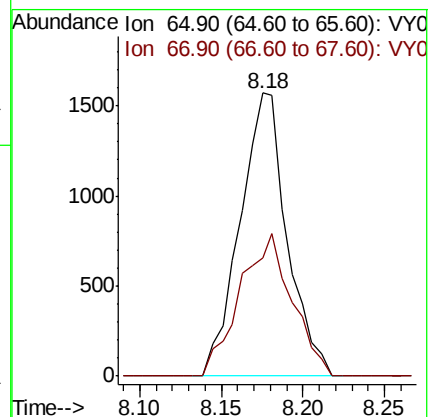
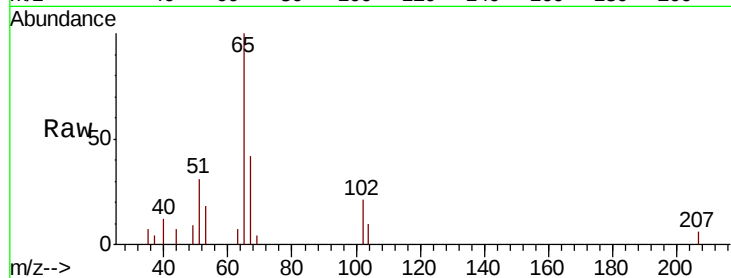
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 3162

Ion Ratio Lower Upper

65 100

67 55.6 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

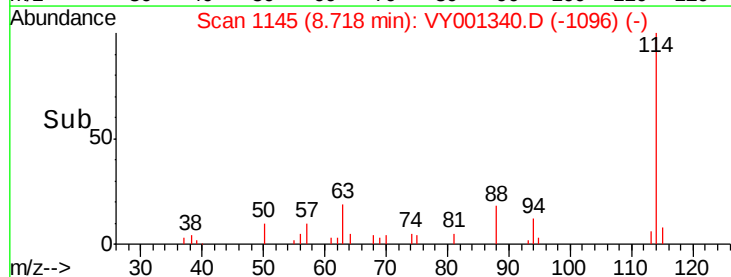
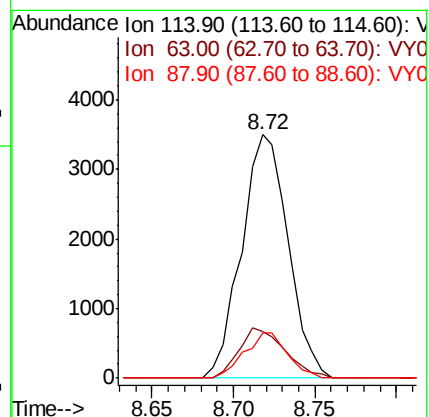
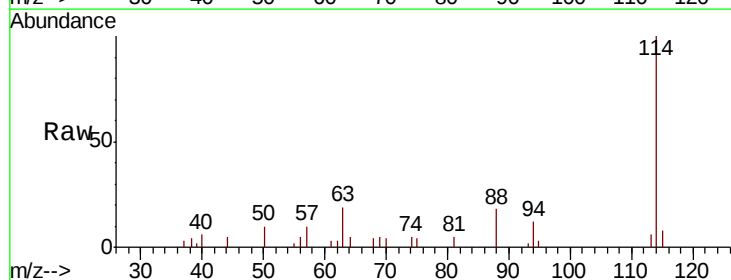
Tgt Ion: 114 Resp: 6950

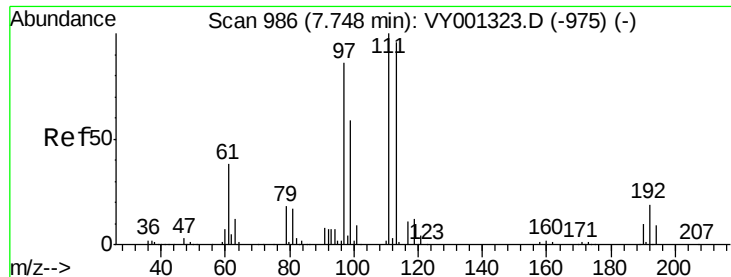
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

88 18.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.903 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

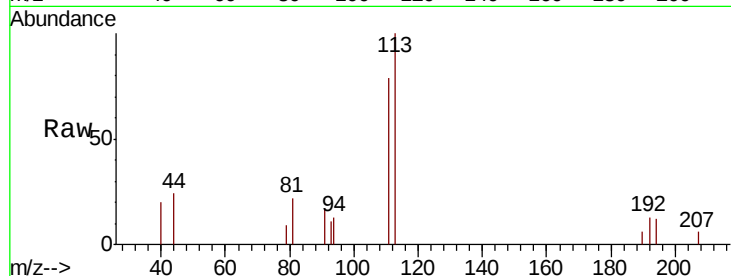
Tot Ion:113 Resp: 1954

Ion Ratio Lower Upper

113 100

111 108.1 82.8 124.2

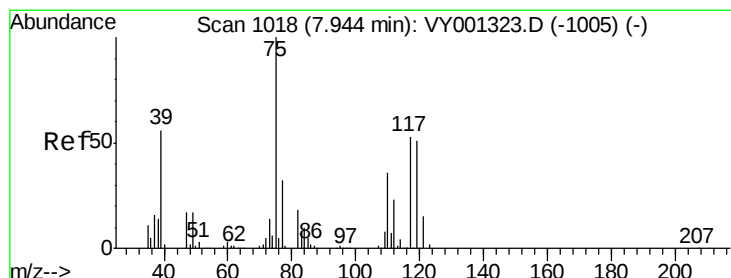
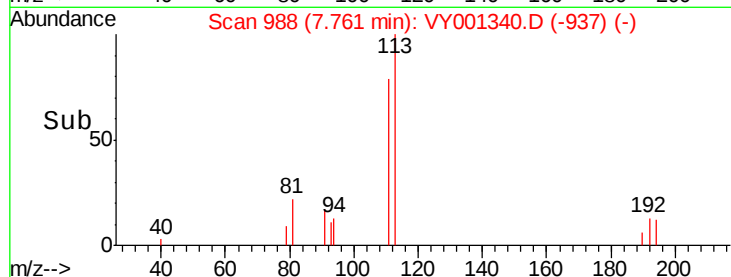
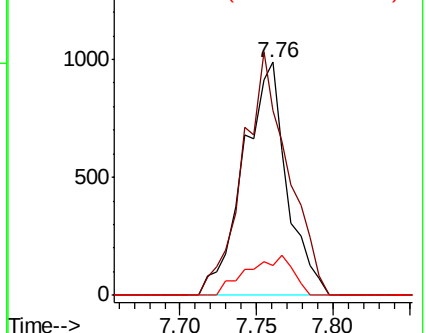
192 17.9 15.5 23.3



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



#36

1,1-Dichloropropene

Concen: 3.609 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.13 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

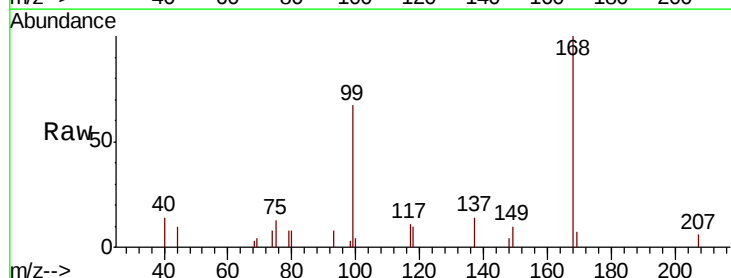
Tgt Ion: 75 Resp: 237

Ion Ratio Lower Upper

75 100

110 0.0 17.6 52.8#

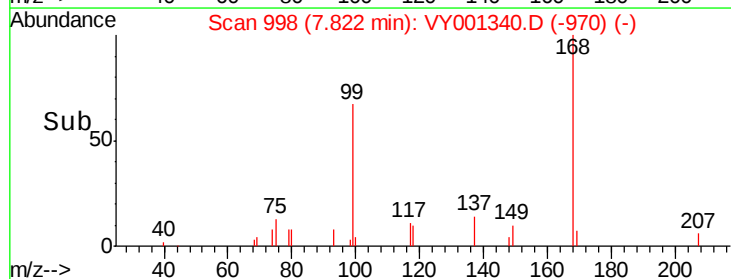
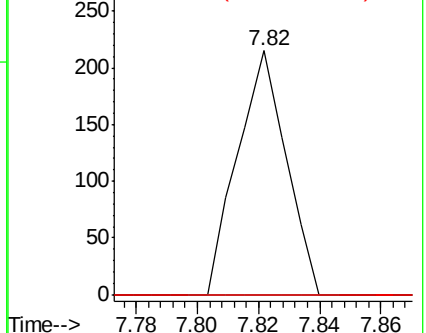
77 0.0 24.7 37.1#

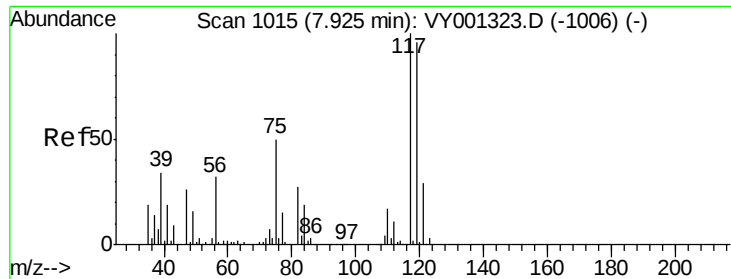


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.084 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.12 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

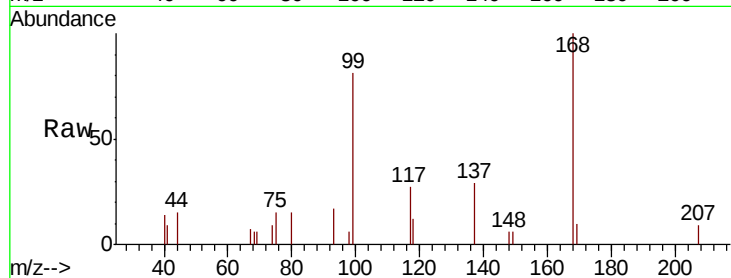
Tot Ion:117 Resp: 356

Ion Ratio Lower Upper

117 100

119 0.0 76.3 114.5#

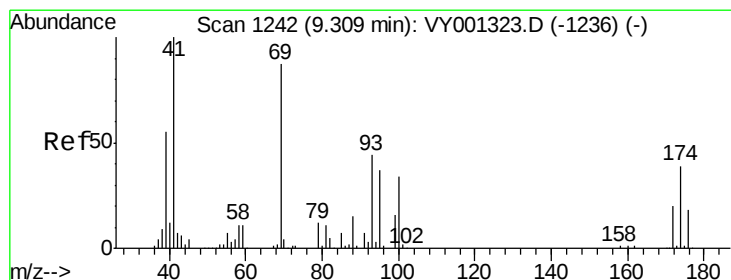
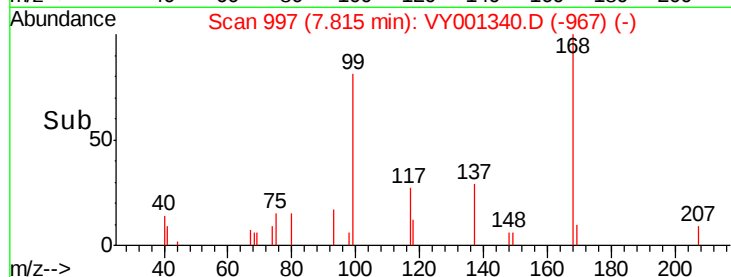
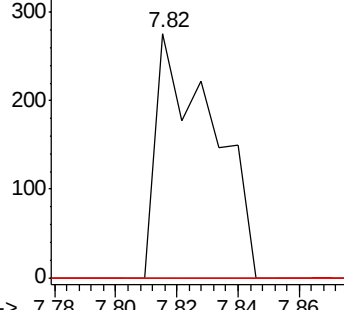
121 0.0 23.5 35.3#



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



#48

Methyl methacrylate

Concen: 1.297 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

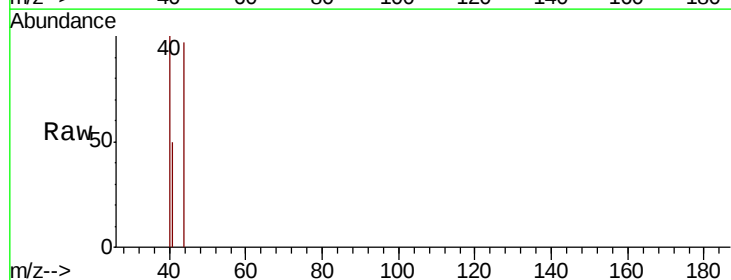
Tgt Ion: 41 Resp: 46

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

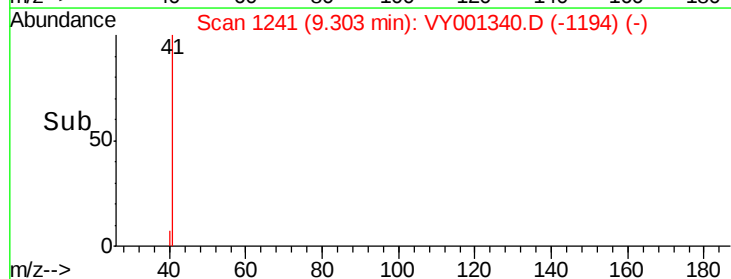
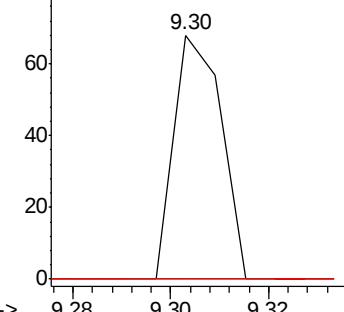
39 0.0 45.7 68.5#

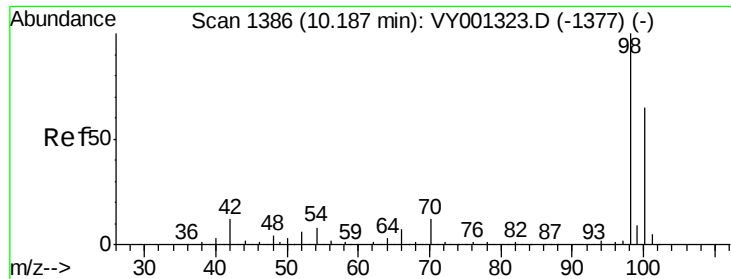


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#50

Toluene-d8

Concen: 52.966 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

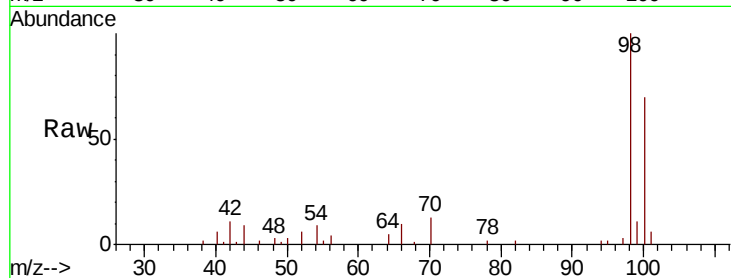
ClientSampled :

Tot Ion: 98 Resp: 8394

Ion Ratio Lower Upper

98 100

100 67.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)

10.20

4000

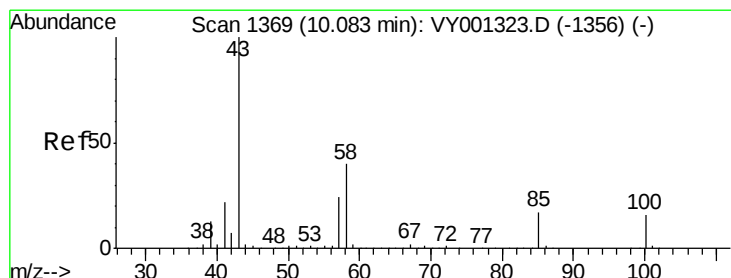
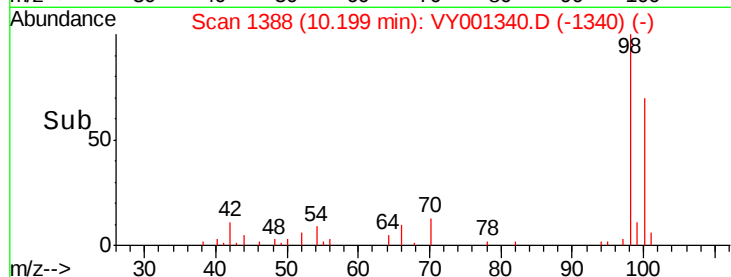
3000

2000

1000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.817 ug/l

RT: 10.11 min Scan# 1374

Delta R.T. 0.02 min

Lab File: VY001340.D

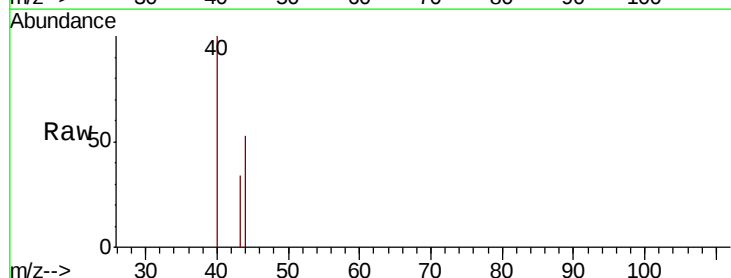
Acq: 22 Jan 2020 18:43

Tgt Ion: 43 Resp: 73

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-1356) (-)

10.11

80

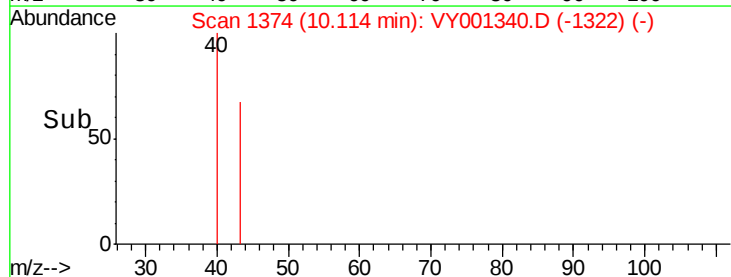
60

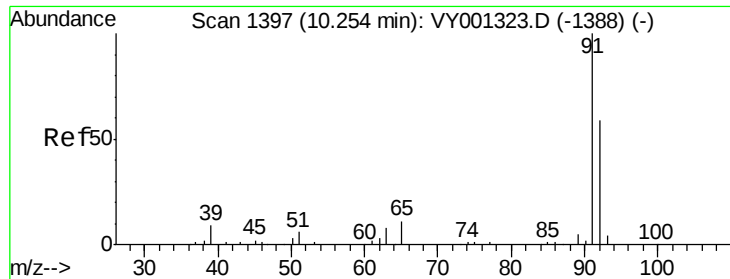
40

20

0

Time-->





#52

Toluene

Concen: 2.011 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. 0.00 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

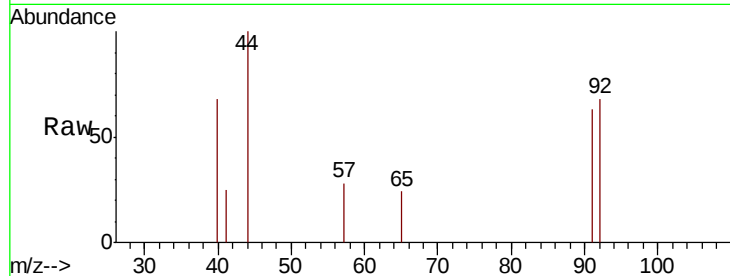
ClientSampled :

Tot Ion: 92 Resp: 251

Ion Ratio Lower Upper

92 100

91 113.9 136.4 204.6#



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.27

250

200

150

100

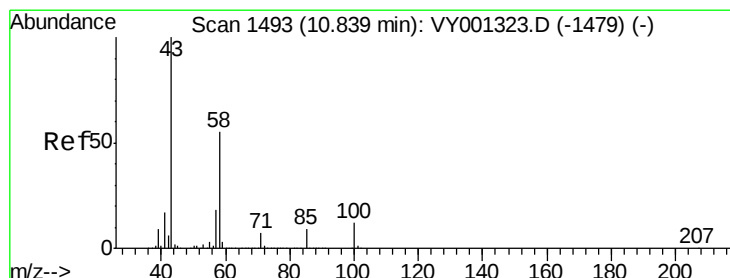
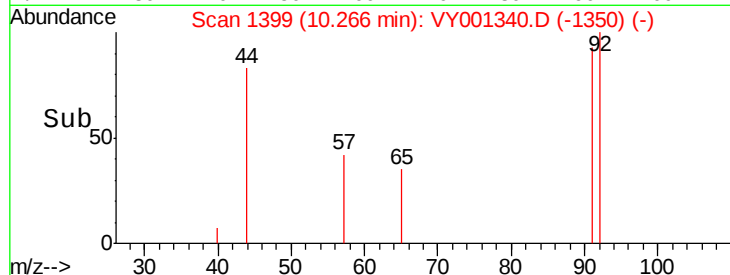
50

0

10.25

10.30

Time-->



#59

2-Hexanone

Concen: 2.002 ug/l

RT: 10.88 min Scan# 1499

Delta R.T. 0.02 min

Lab File: VY001340.D

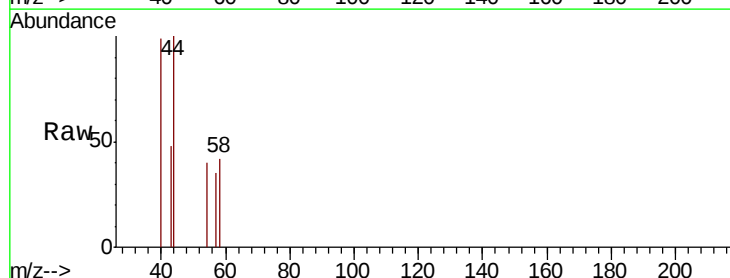
Acq: 22 Jan 2020 18:43

Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

58 42.9 27.6 82.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.88

80

60

40

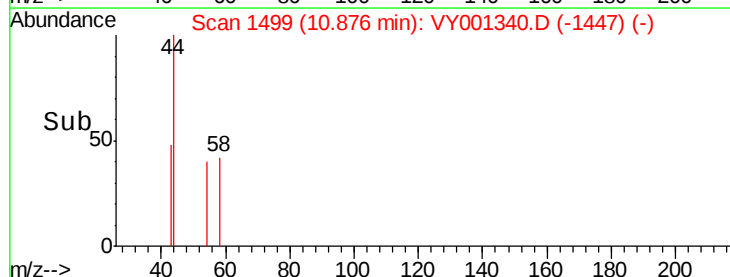
20

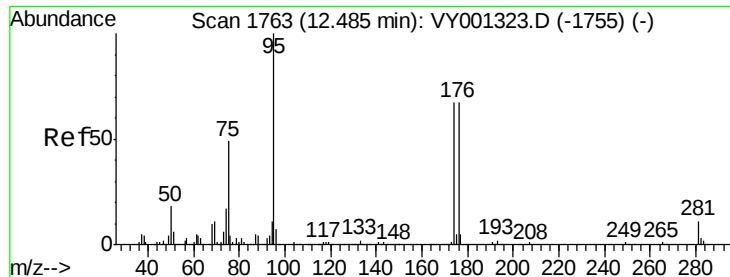
0

10.86

10.90

Time-->

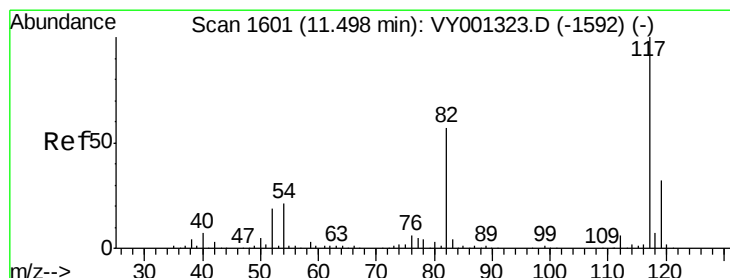
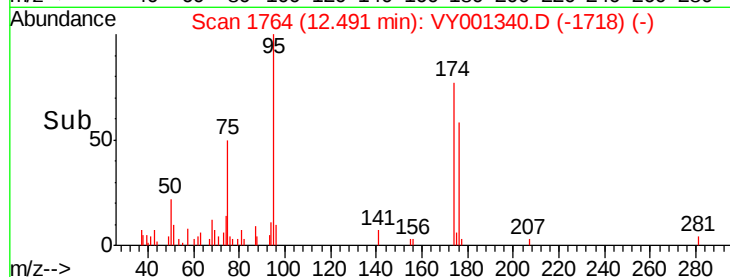
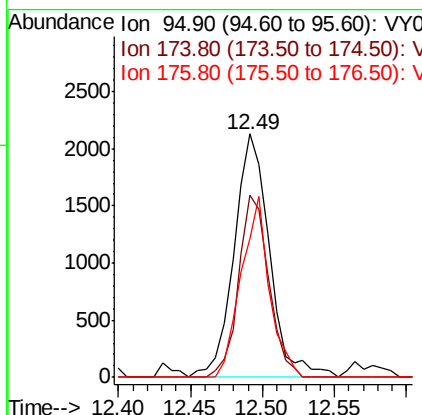
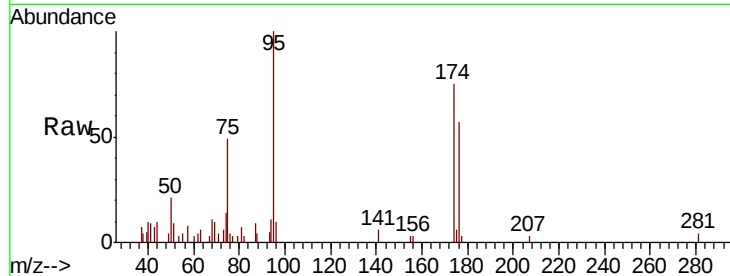




#62
4-Bromofluorobenzene
Concen: 57.850 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.02 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

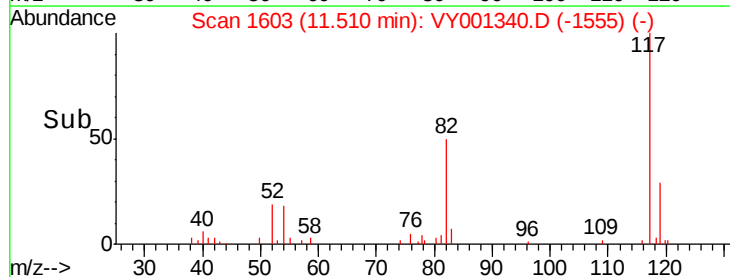
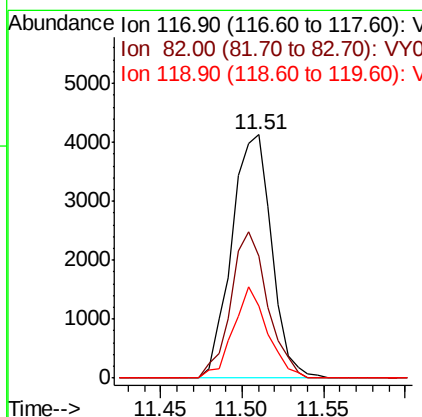
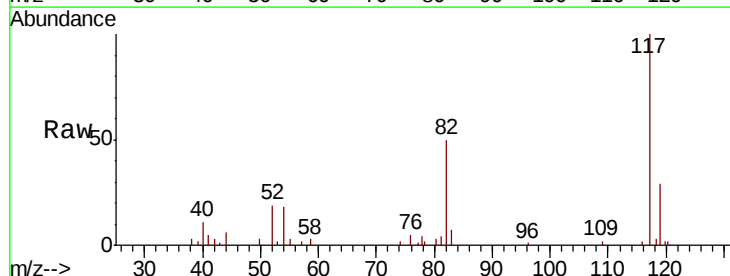
Instrument :
MSVOA_Y
ClientSampled :

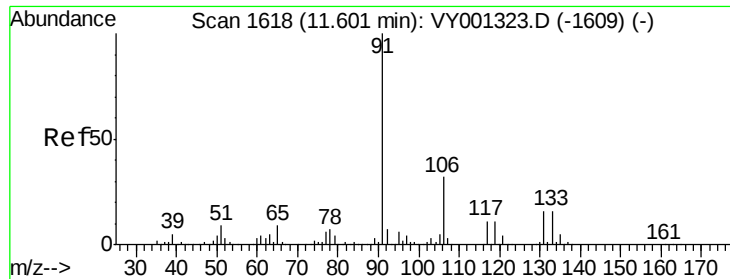
Tot Ion: 95 Resp: 3651
Ion Ratio Lower Upper
95 100
174 63.6 0.0 142.0
176 58.9 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Tgt Ion: 117 Resp: 7054
Ion Ratio Lower Upper
117 100
82 50.2 45.5 68.3
119 29.4 25.8 38.6

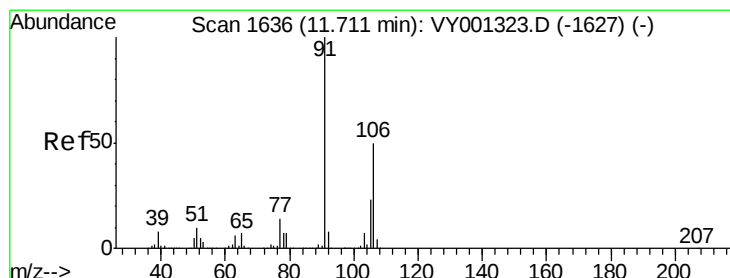
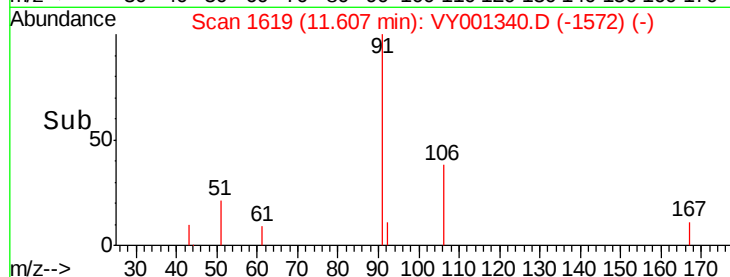
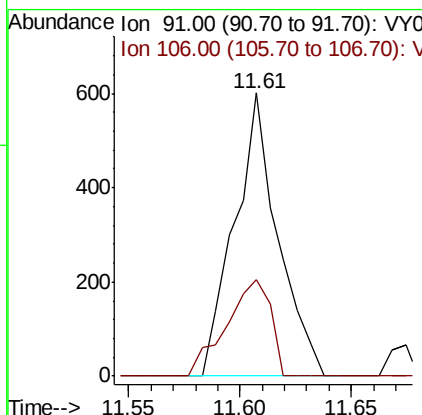
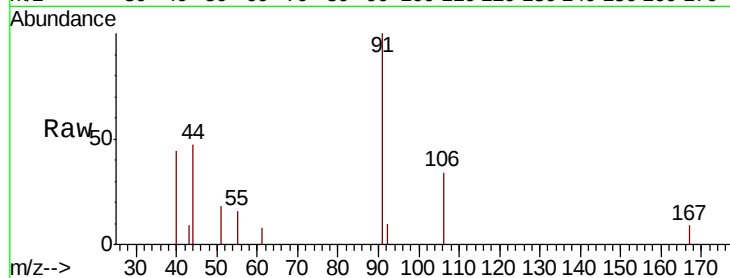




#67
Ethyl Benzene
Concen: 2.963 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

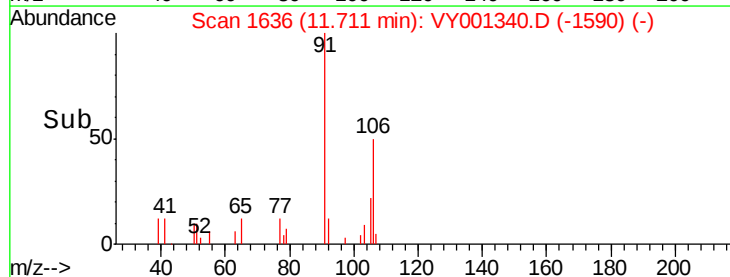
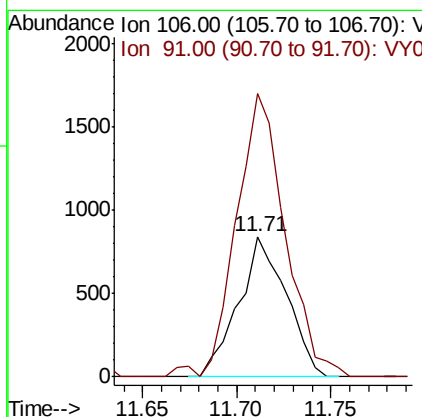
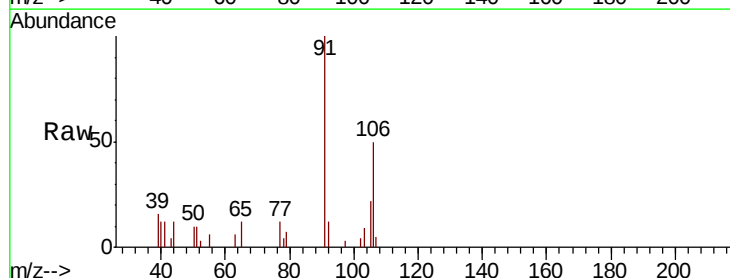
Instrument :
MSVOA_Y
ClientSampled :

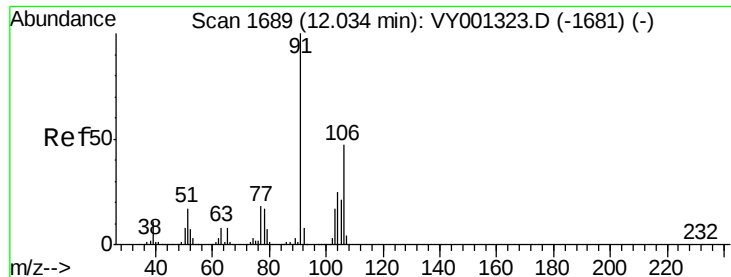
Tot Ion: 91 Resp: 812
Ion Ratio Lower Upper
91 100
106 34.1 25.4 38.0



#68
m/p-Xylenes
Concen: 14.500 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.02 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Tgt Ion: 106 Resp: 1484
Ion Ratio Lower Upper
106 100
91 206.1 162.8 244.2

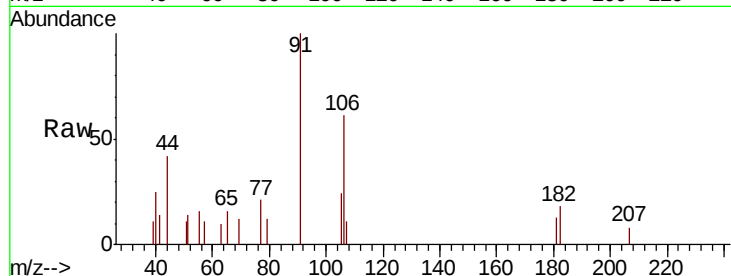




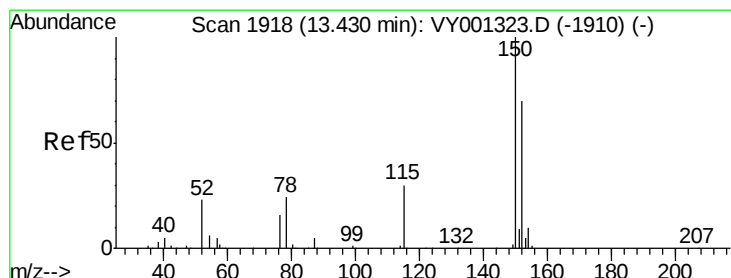
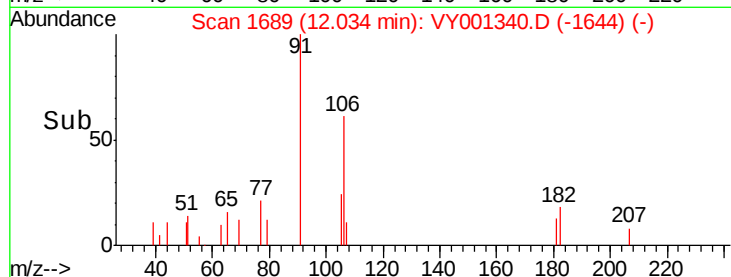
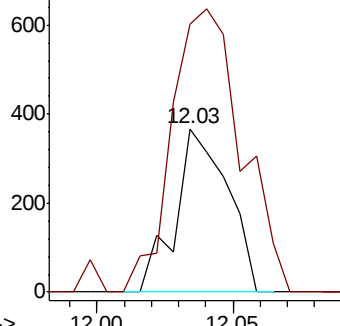
#69
o-Xylene
Concen: 4.977 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.02 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 490
Ion Ratio Lower Upper
106 100
91 231.4 106.3 319.0

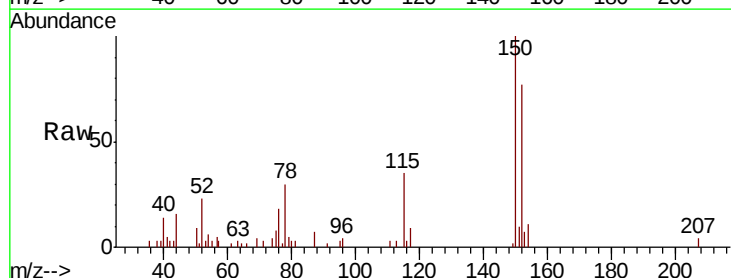


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

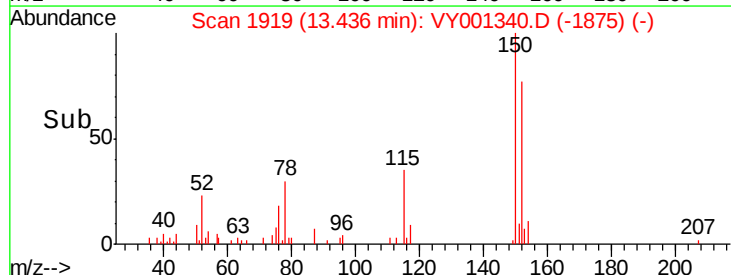
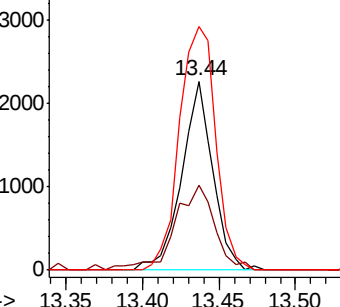


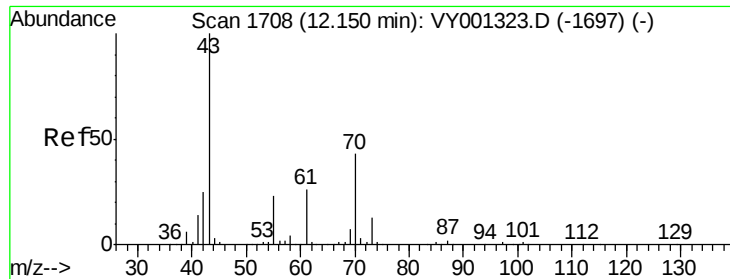
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.03 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Tgt Ion:152 Resp: 3194
Ion Ratio Lower Upper
152 100
115 57.4 30.9 92.8
150 150.8 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.388 ug/l

RT: 12.17 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 43 Resp: 197

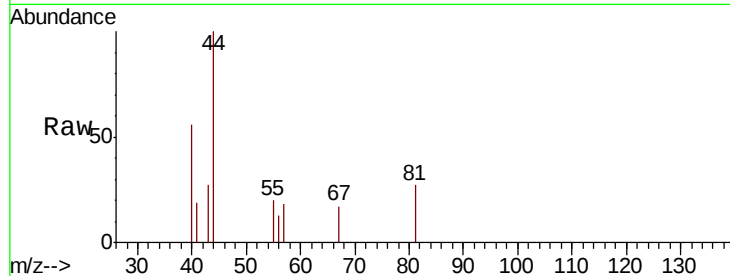
Ion Ratio Lower Upper

43 100

70 0.0 33.5 50.3#

55 44.2 18.2 27.2#

61 0.0 19.6 29.4#

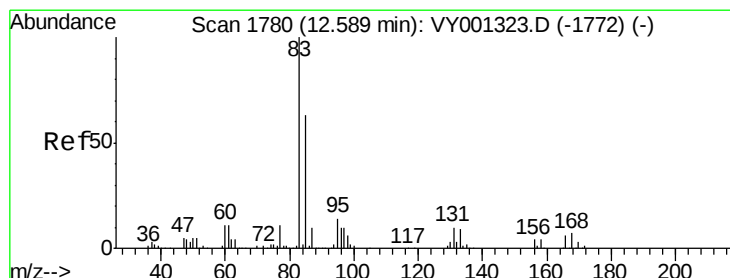
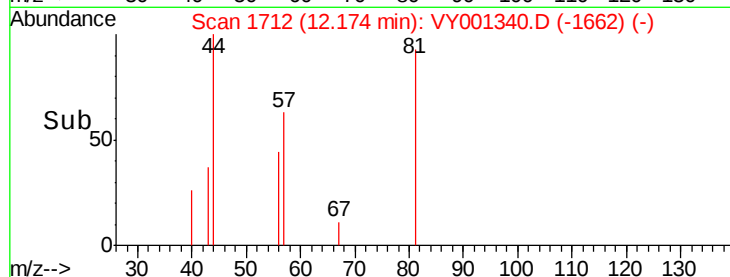
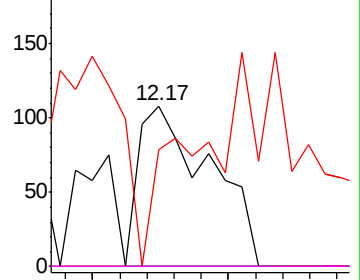


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 3.261 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

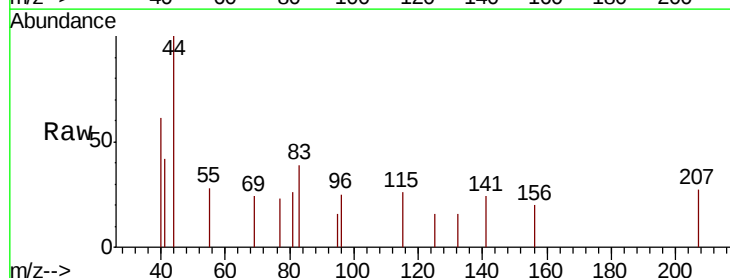
Tgt Ion: 83 Resp: 176

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

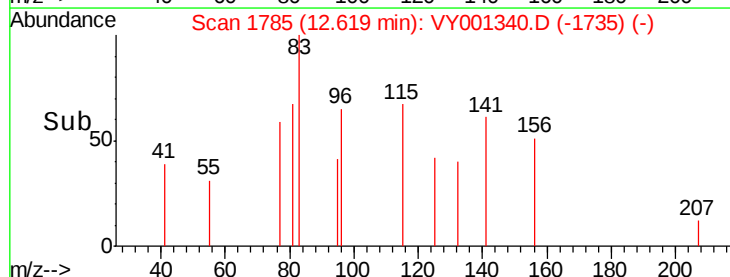
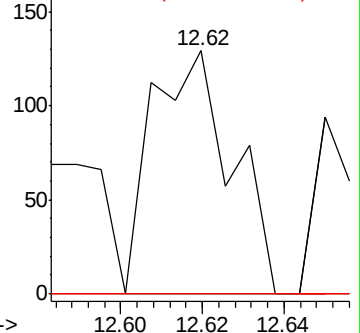
85 0.0 31.4 94.3#

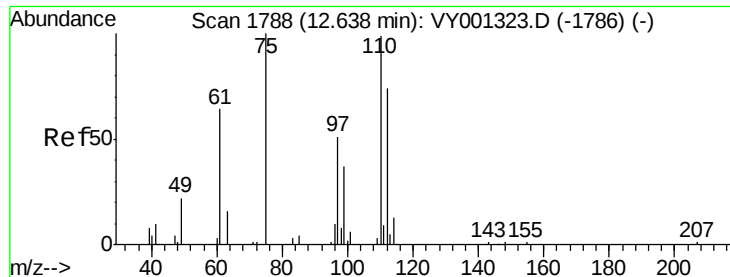


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0

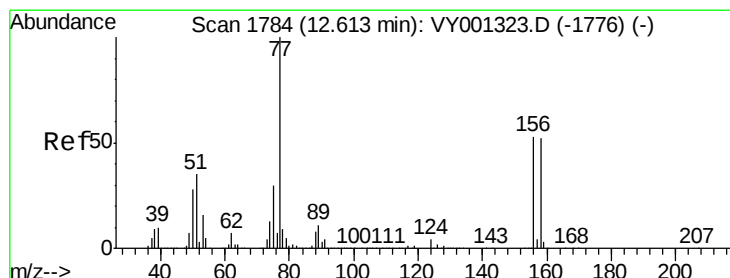
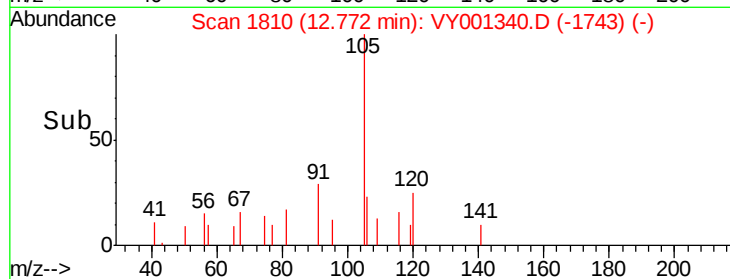
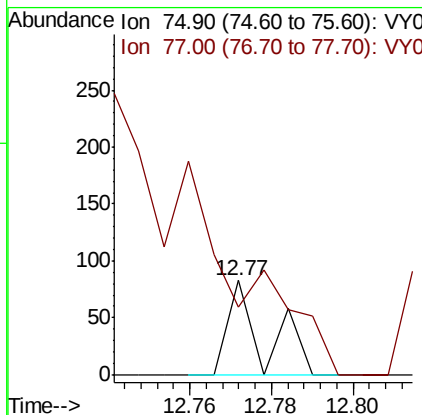
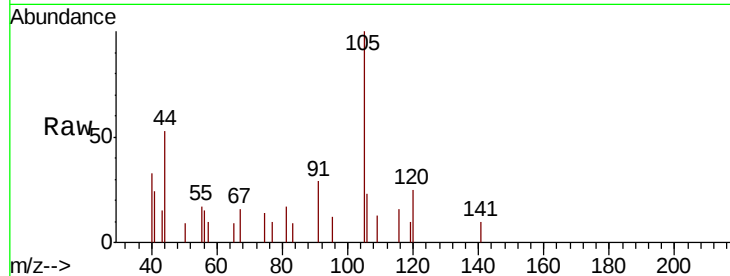




#76
 1,2,3-Trichloropropane
 Concen: 1.351 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.11 min
 Lab File: VY001340.D
 Acq: 22 Jan 2020 18:43

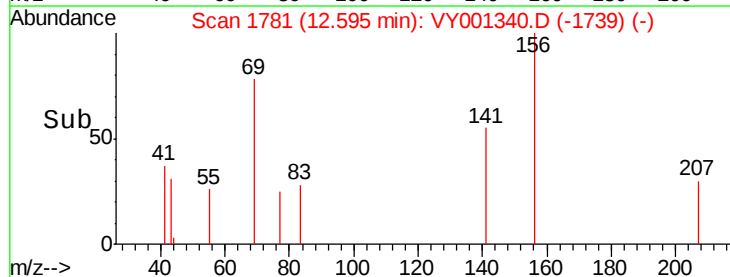
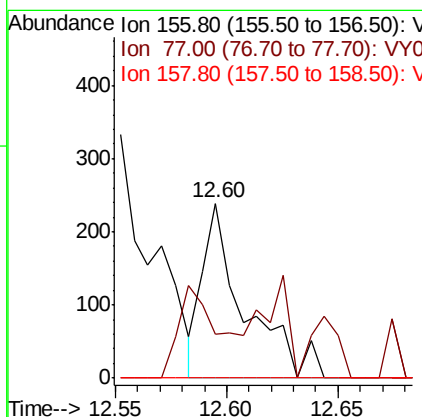
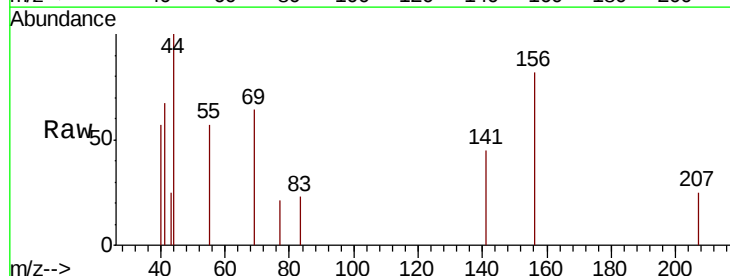
Instrument :
 MSVOA_Y
 ClientSampled :

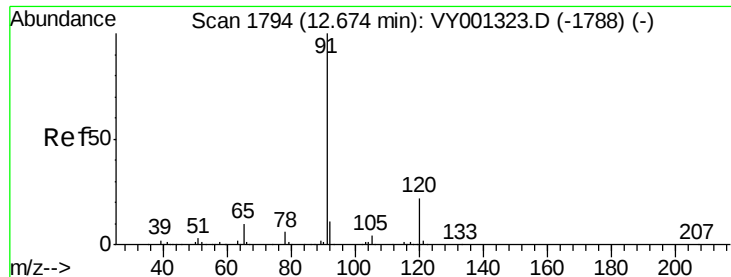
Tot Ion: 75 Resp: 52
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 5.643 ug/l
 RT: 12.60 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: VY001340.D
 Acq: 22 Jan 2020 18:43

Tgt Ion: 156 Resp: 315
 Ion Ratio Lower Upper
 156 100
 77 53.7 104.7 313.9#
 158 0.0 48.6 145.8#





#78

n-propylbenzene

Concen: 2.776 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.02 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

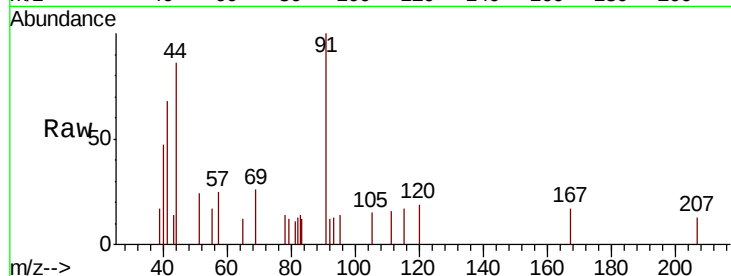
ClientSampled :

Tot Ion: 91 Resp: 842

Ion Ratio Lower Upper

91 100

120 15.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

600

500

400

300

200

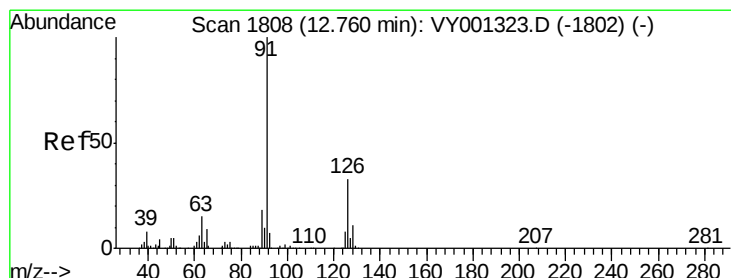
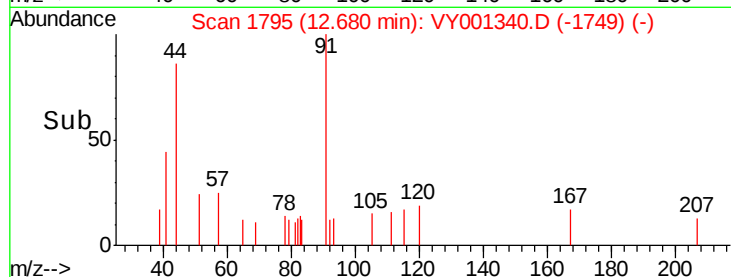
100

0

12.65

12.70

Time-->



#79

2-Chlorotoluene

Concen: 1.258 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.07 min

Lab File: VY001340.D

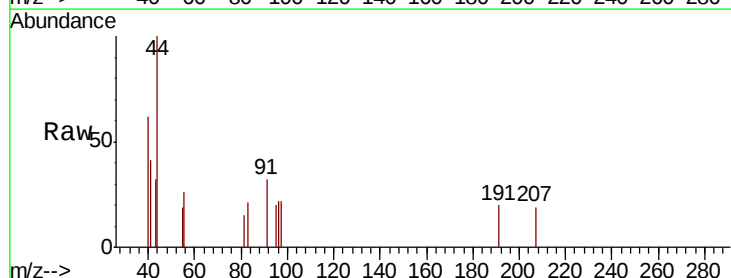
Acq: 22 Jan 2020 18:43

Tgt Ion: 91 Resp: 218

Ion Ratio Lower Upper

91 100

126 20.2 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

150

100

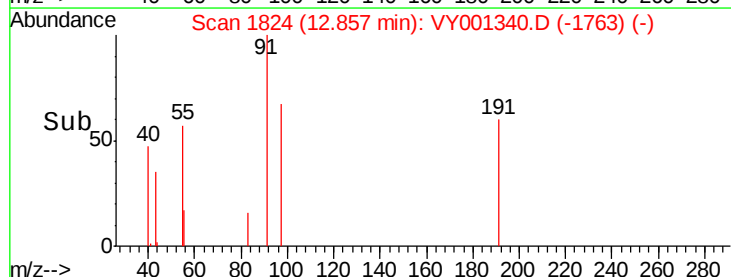
50

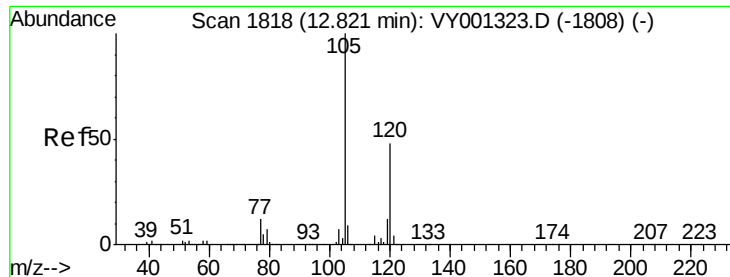
0

12.85

12.90

Time-->

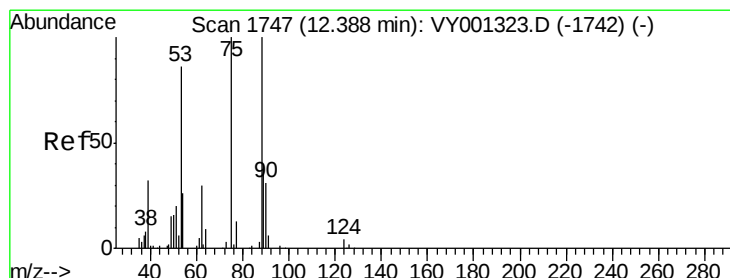
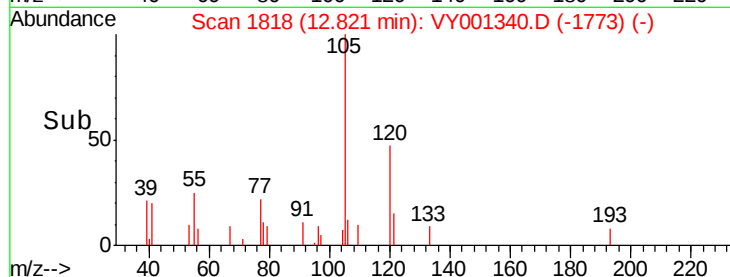
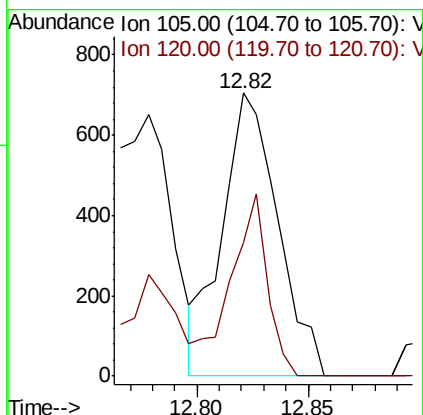
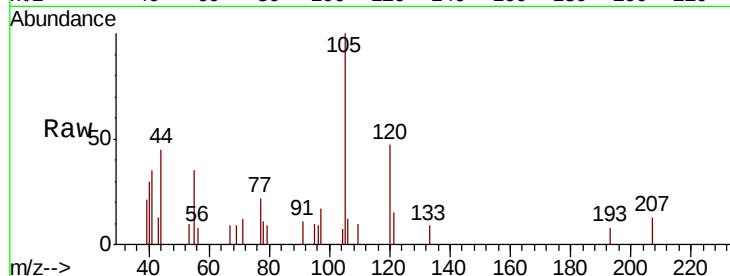




#80
 1,3,5-Trimethylbenzene
 Concen: 5.847 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: VY001340.D
 Acq: 22 Jan 2020 18:43

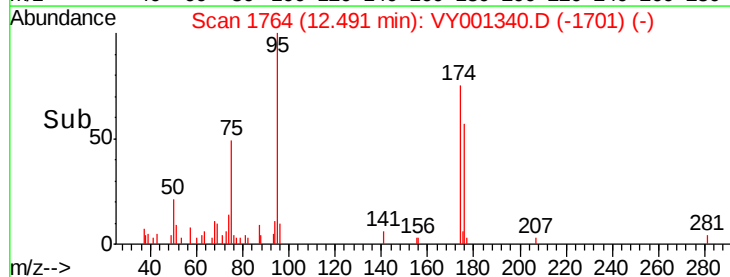
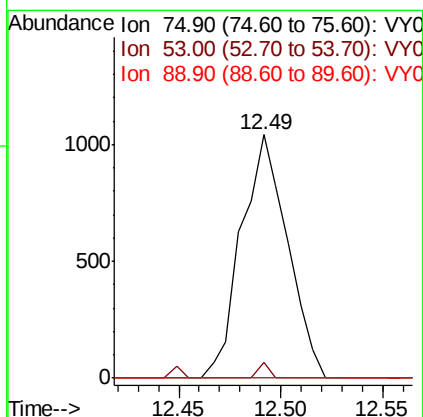
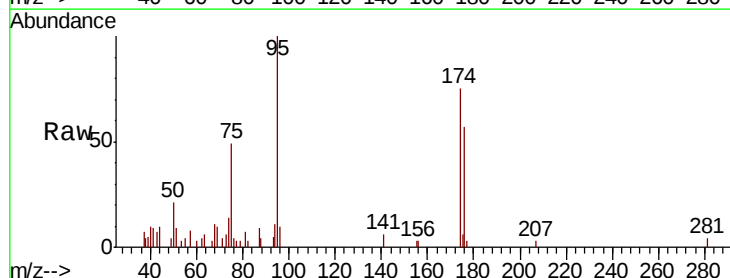
Instrument :
 MSVOA_Y
 ClientSampled :

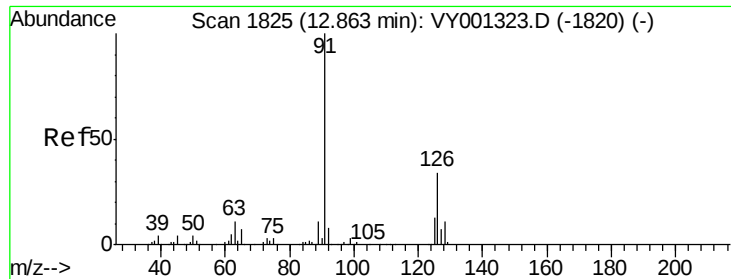
Tot Ion:105 Resp: 1230
 Ion Ratio Lower Upper
 105 100
 120 40.3 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.587 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.09 min
 Lab File: VY001340.D
 Acq: 22 Jan 2020 18:43

Tgt Ion: 75 Resp: 1639
 Ion Ratio Lower Upper
 75 100
 53 1.5 69.9 104.9#
 89 0.0 36.6 54.8#

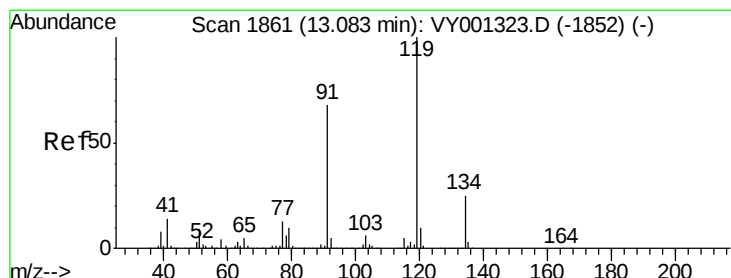
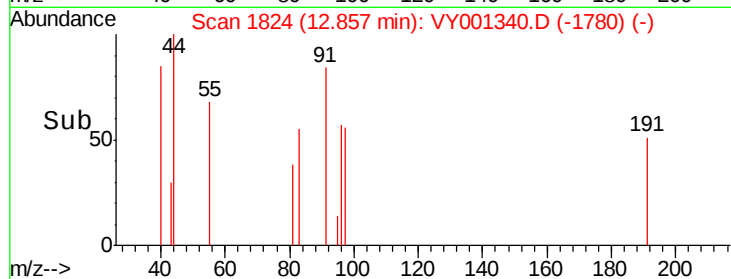
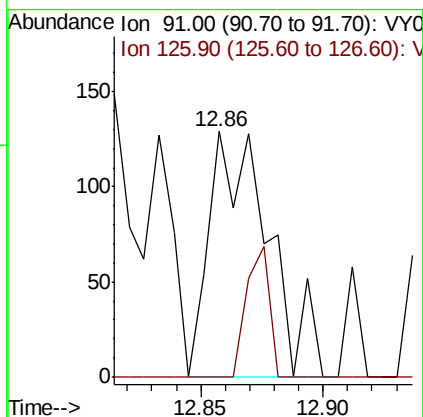
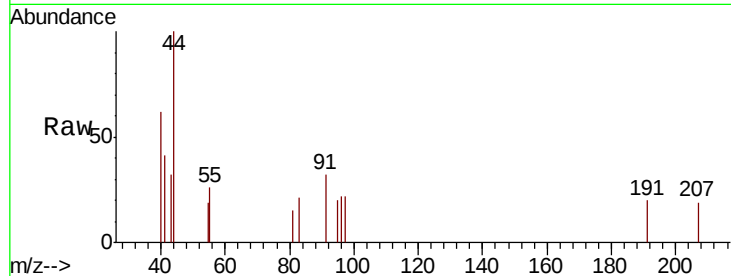




#82
4-Chlorotoluene
Concen: 1.178 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.03 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

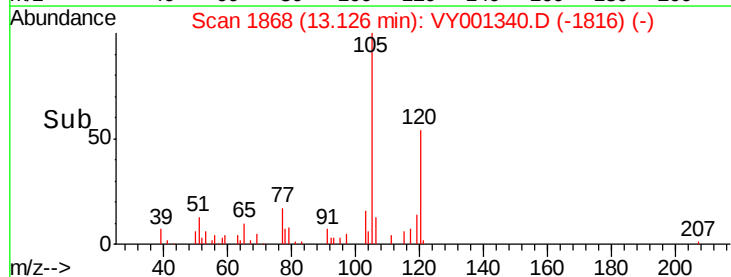
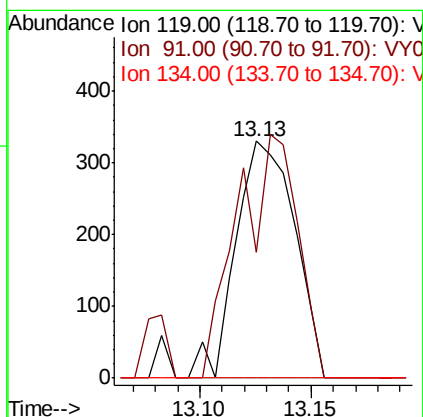
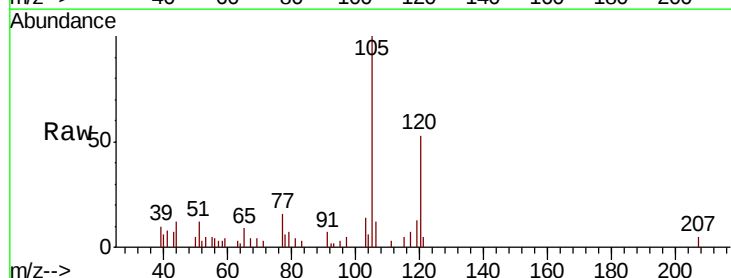
Instrument :
MSVOA_Y
ClientSampleId :

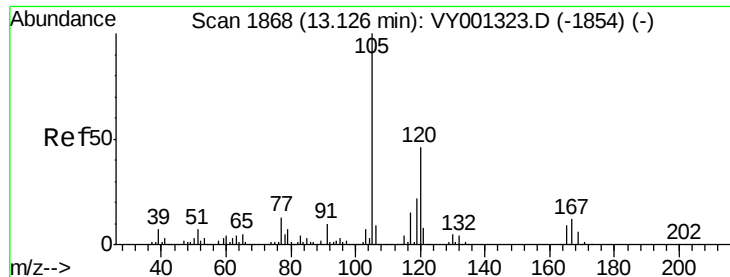
Tot Ion: 91 Resp: 218
Ion Ratio Lower Upper
91 100
126 20.2 16.4 49.4



#83
tert-Butylbenzene
Concen: 3.429 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.02 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Tgt Ion: 119 Resp: 608
Ion Ratio Lower Upper
119 100
91 104.3 33.0 99.0#
134 0.0 13.3 39.9#





#84

1,2,4-Trimethylbenzene

Concen: 22.901 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. -0.02 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

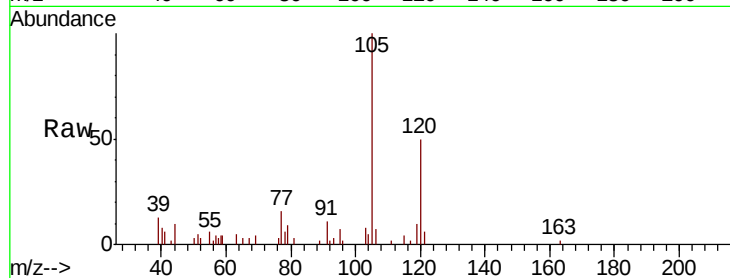
ClientSampleId :

Tot Ion:105 Resp: 4837

Ion Ratio Lower Upper

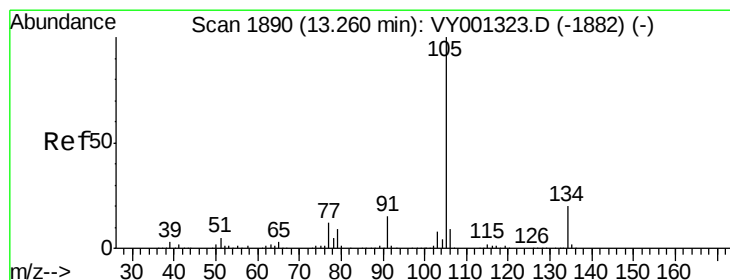
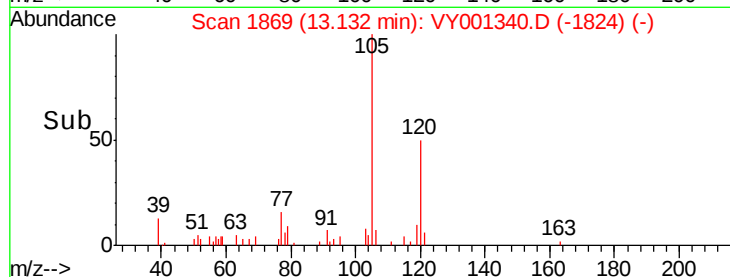
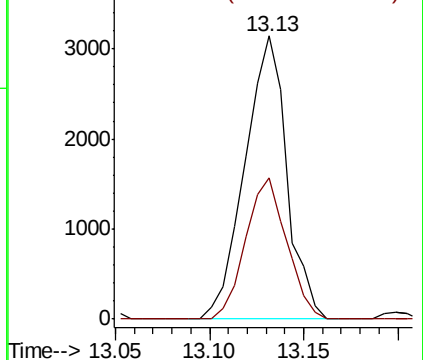
105 100

120 48.8 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: 19.198 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. -0.16 min

Lab File: VY001340.D

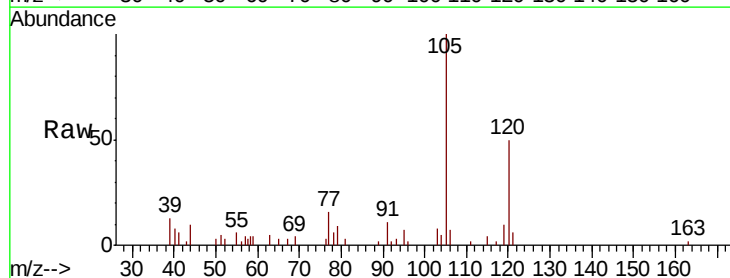
Acq: 22 Jan 2020 18:43

Tgt Ion:105 Resp: 4837

Ion Ratio Lower Upper

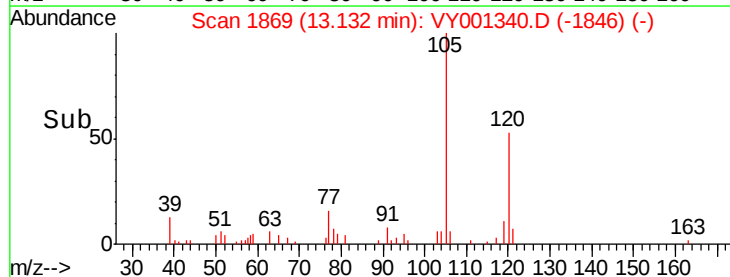
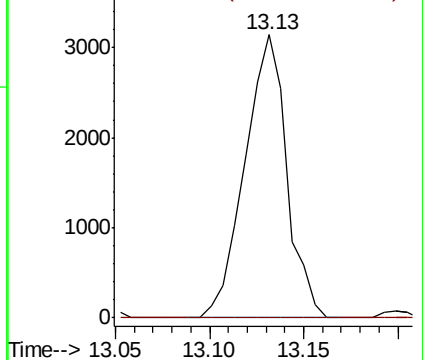
105 100

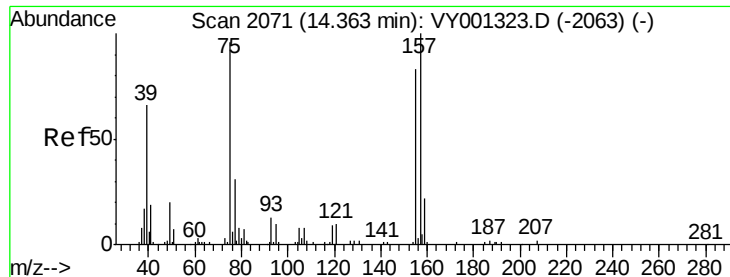
134 0.0 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 17.930 ug/l

RT: 14.59 min Scan# 2109

Delta R.T. 0.15 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampled :

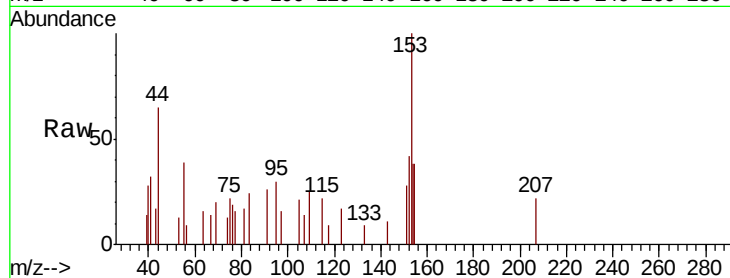
Tot Ion: 75 Resp: 167

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.2#

157 0.0 53.3 160.0#



Abundance Ion 74.90 (74.60 to 75.60): VY001323.D (-2063) (-)

Ion 154.80 (154.50 to 155.50): VY001323.D (-2063) (-)

Ion 156.80 (156.50 to 157.50): VY001323.D (-2063) (-)

14.59

100

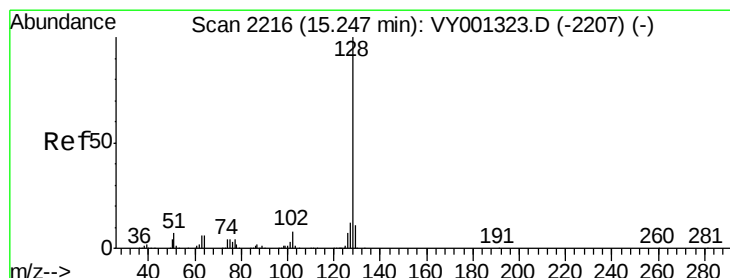
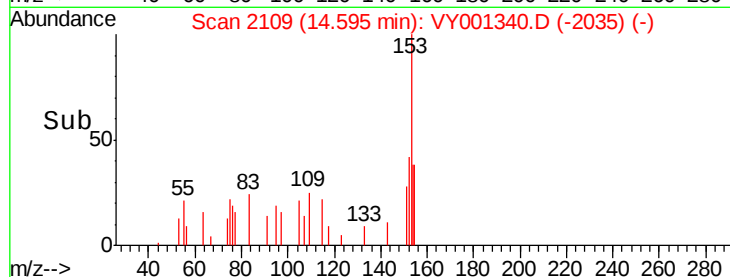
50

0

14.55

14.60

Time-->



#95

Naphthalene

Concen: 13.019 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.17 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

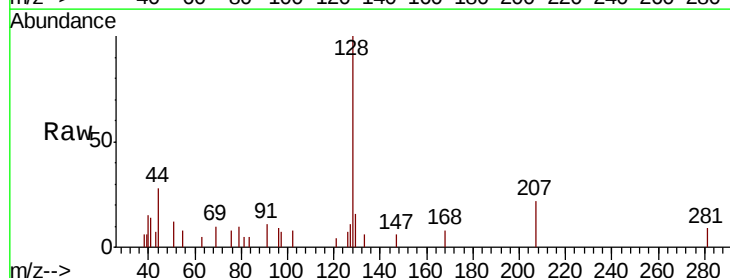
Tgt Ion: 128 Resp: 1981

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VY001323.D (-2207) (-)

Ion 127.00 (126.70 to 127.70): VY001323.D (-2207) (-)

Ion 129.00 (128.70 to 129.70): VY001323.D (-2207) (-)

15.24

1000

500

0

15.20

15.25

15.30

Time-->

