

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001380.D
 Acq On : 24 Jan 2020 14:28
 Operator : SY/MD
 Sample : L1238-01
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:49:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	55229	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	95227	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	62657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	18342	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	24781	41.24	ug/l	-0.01
Spiked Amount			Recovery	=	82.48%	
35) Dibromofluoromethane	7.73	113	26690	47.75	ug/l	-0.02
Spiked Amount			Recovery	=	95.50%	
50) Toluene-d8	10.19	98	104606	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.49	95	21616	25.00	ug/l	0.00
Spiked Amount			Recovery	=	50.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.91	59	20	Below Cal	#	74
13) Acrolein	3.74	56	20	Below Cal	#	1
16) Acetone	3.96	43	13118	77.635	ug/l	98
17) Carbon Disulfide	4.19	76	4736	2.568	ug/l	97
20) Methylene Chloride	4.72	84	2005	Below Cal	#	78
25) 2-Butanone	7.00	43	2799	10.701	ug/l	# 88
31) Cyclohexane	7.80	56	1322	1.138	ug/l	# 25
36) 1,1-Dichloropropene	7.80	75	4558	5.066	ug/l	# 47
37) Ethyl Acetate	7.00	43	2799	5.092	ug/l	# 68
38) Carbon Tetrachloride	7.80	117	5691	7.098	ug/l	# 17
40) Benzene	8.17	78	3893	1.443	ug/l	100
52) Toluene	10.25	92	15884	9.289	ug/l	100
59) 2-Hexanone	10.85	43	436	1.138	ug/l	97
67) Ethyl Benzene	11.60	91	326760	134.252	ug/l	98
68) m/p-Xylenes	11.70	106	215340	236.885	ug/l	99
69) o-Xylene	12.03	106	199834	228.511	ug/l	99
70) Styrene	12.03	104	13108	8.543	ug/l	# 1
73) Isopropylbenzene	12.33	105	195488	135.068	ug/l	97
74) N-amyl acetate	12.13	43	2126	4.487	ug/l	# 51
76) 1,2,3-Trichloropropane	12.67	75	488	2.208	ug/l	# 100
77) Bromobenzene	12.54	156	4182	13.045	ug/l	# 1
78) n-propylbenzene	12.67	91	66776	38.331	ug/l	# 53
79) 2-Chlorotoluene	12.77	91	49939	50.179	ug/l	# 52
80) 1,3,5-Trimethylbenzene	12.81	105	1305477	1080.579	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.33	75	2627	22.492	ug/l	# 1
82) 4-Chlorotoluene	12.81	91	137013	128.885	ug/l	# 42
83) tert-Butylbenzene	13.13	119	311098	305.489	ug/l	# 64
84) 1,2,4-Trimethylbenzene	13.13	105	2593874	2138.529	ug/l	100
85) sec-Butylbenzene	13.13	105	2593874	1792.746	ug/l	# 57
86) p-Isopropyltoluene	13.38	119	160910	126.200	ug/l	99
89) n-Butylbenzene	13.63	91	1392436	1085.107	ug/l	# 41
90) Hexachloroethane	13.97	117	60800	251.565	ug/l	# 15
92) 1,2-Dibromo-3-Chloropropan	14.37	75	40800	762.797	ug/l	# 1
95) Naphthalene	15.24	128	23719673	27144.897	ug/l	# 88

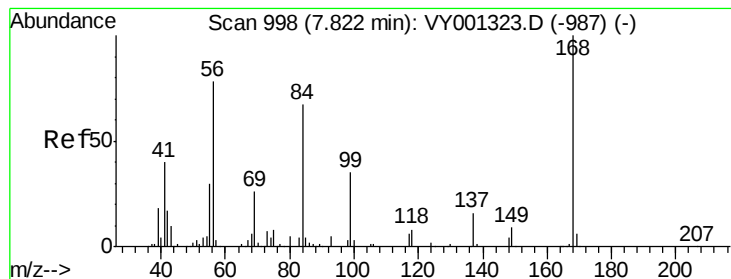
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001380.D
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

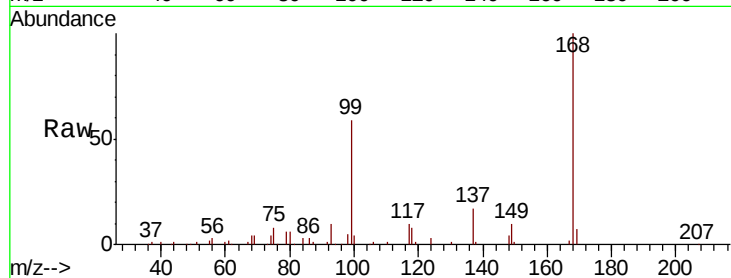
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 55229

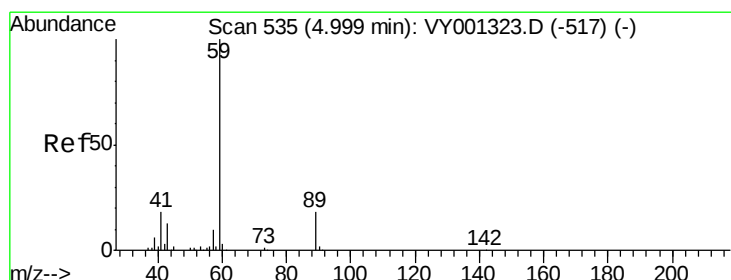
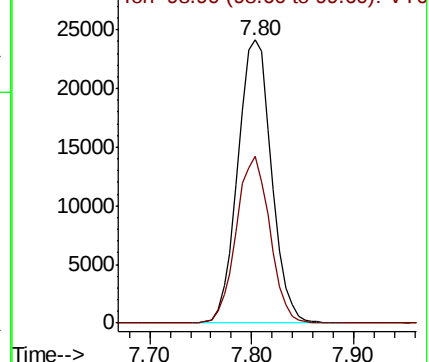
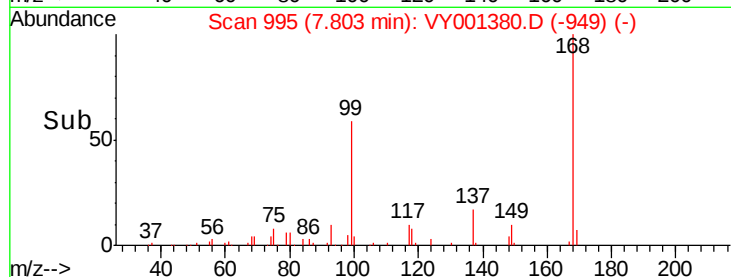
Ion Ratio Lower Upper

168 100

99 58.9 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001380.D (-949) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.91 min Scan# 521

Delta R.T. -0.09 min

Lab File: VY001380.D

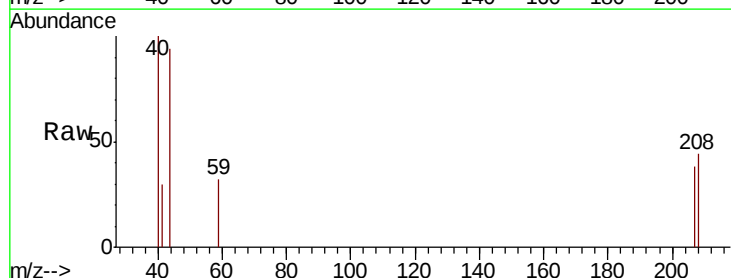
Acq: 24 Jan 2020 14:28

Tgt Ion: 59 Resp: 20

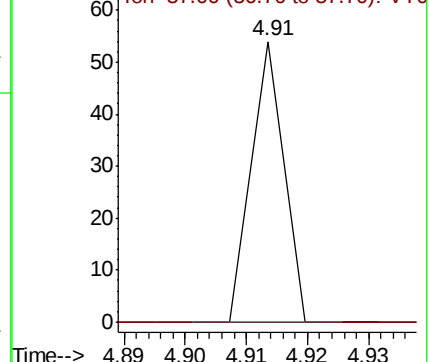
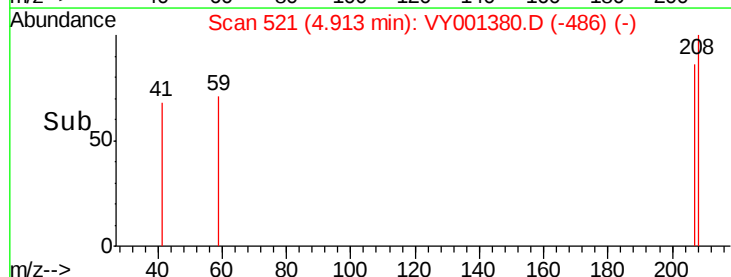
Ion Ratio Lower Upper

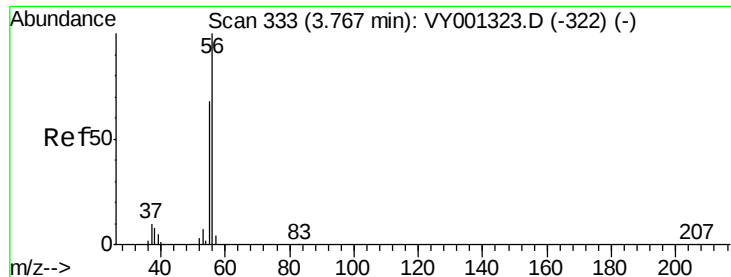
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001380.D (-486) (-)





#13

Acrolein

Concen: Below Cal

RT: 3.74 min Scan# 329

Delta R.T. -0.02 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

Instrument :

MSVOA_Y

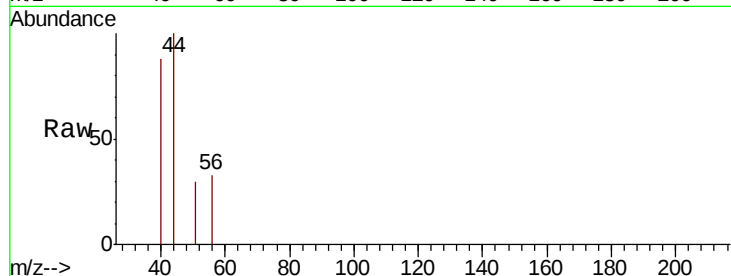
ClientSampleId :

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

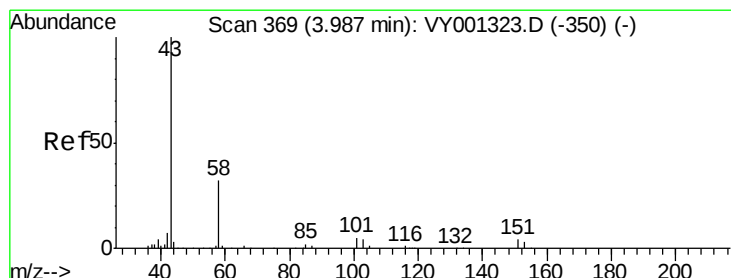
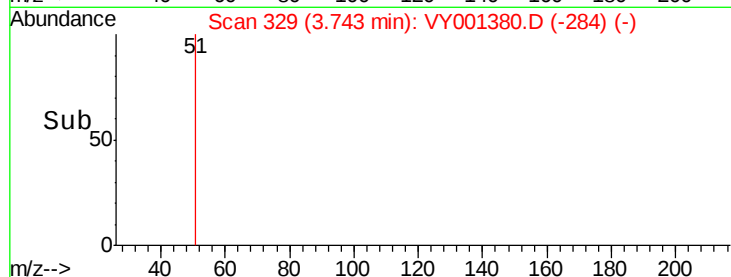
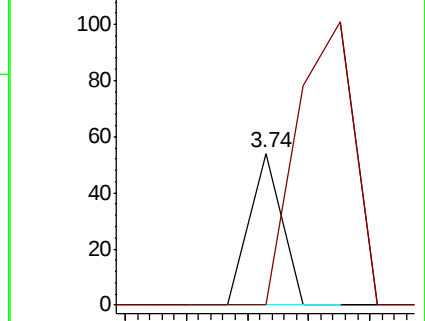
56 100

55 325.0 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: 77.635 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.02 min

Lab File: VY001380.D

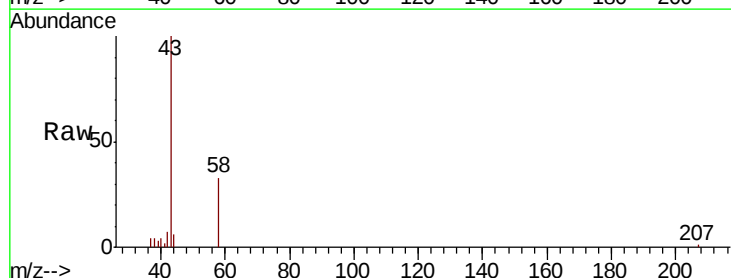
Acq: 24 Jan 2020 14:28

Tgt Ion: 43 Resp: 13118

Ion Ratio Lower Upper

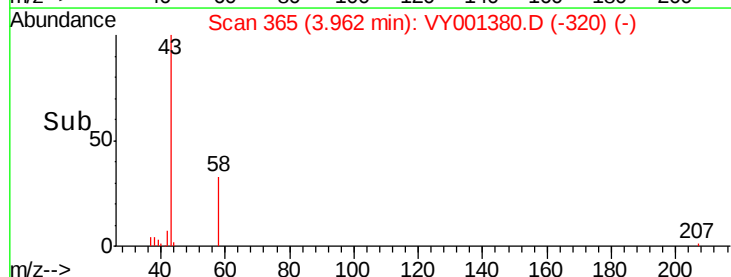
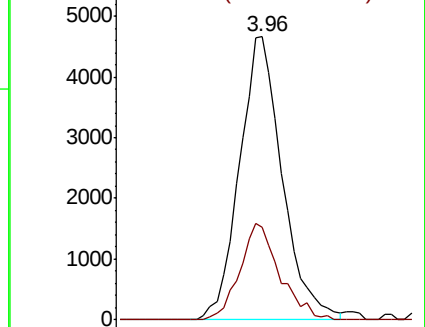
43 100

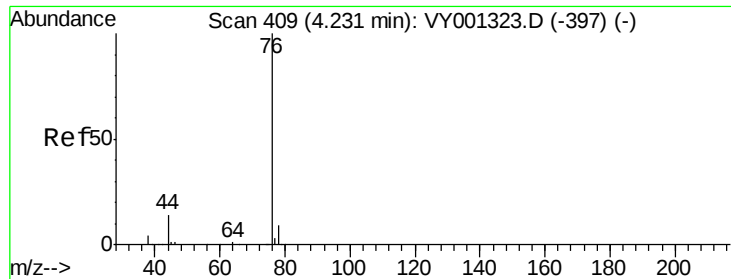
58 32.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

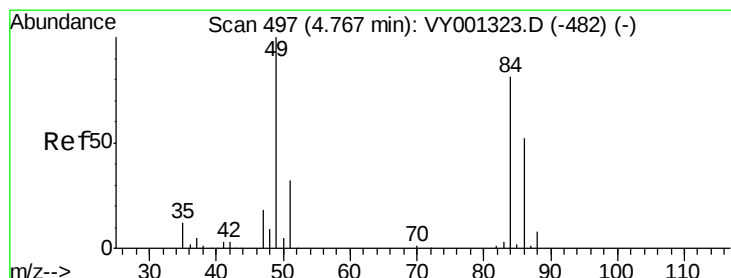
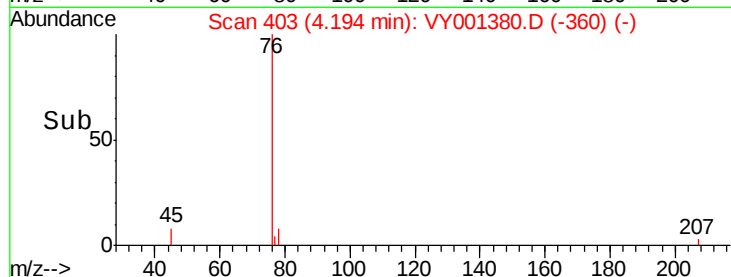
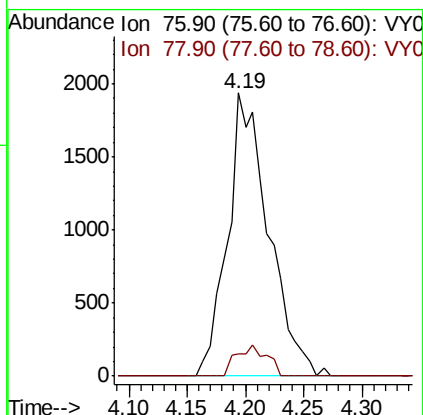
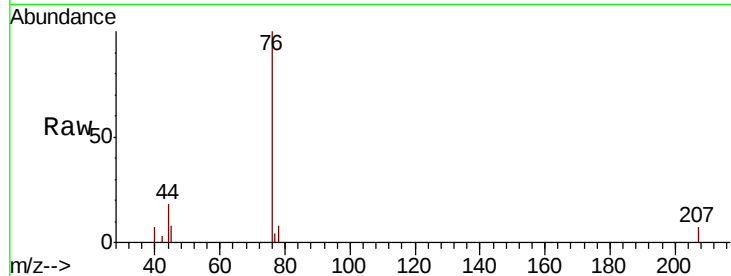




#17
Carbon Disulfide
Concen: 2.568 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.04 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

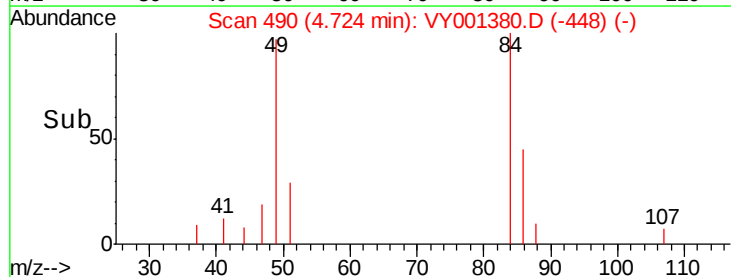
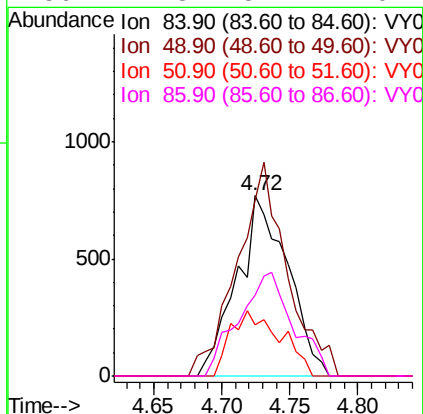
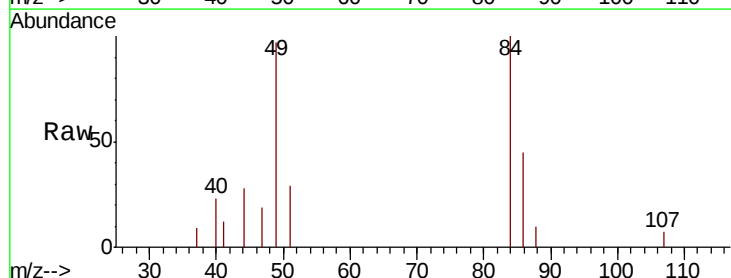
Instrument :
MSVOA_Y
ClientSampleId :

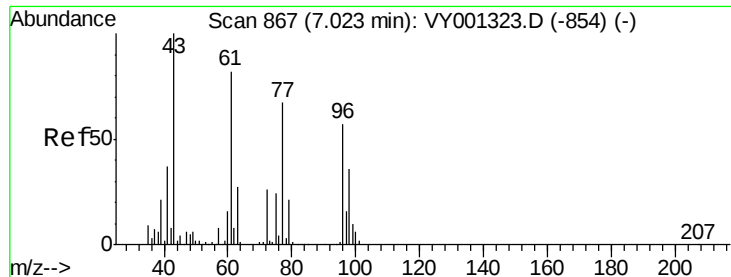
Tot Ion: 76 Resp: 4736
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. -0.04 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

Tgt Ion: 84 Resp: 2005
Ion Ratio Lower Upper
84 100
49 97.3 98.3 147.5#
51 28.8 31.6 47.4#
86 44.8 51.1 76.7#





#25

2-Butanone

Concen: 10.701 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.02 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

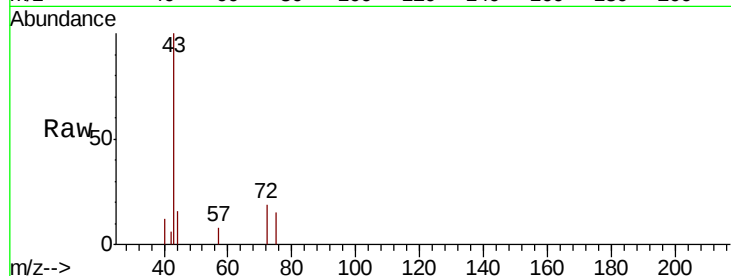
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 2799

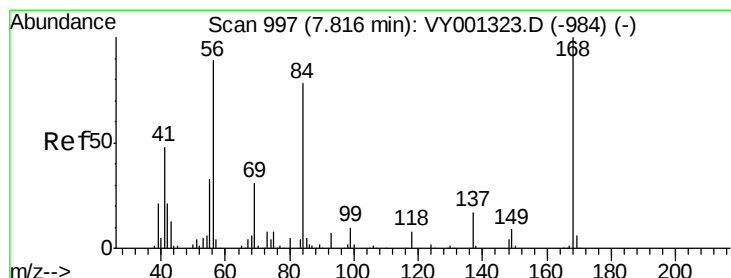
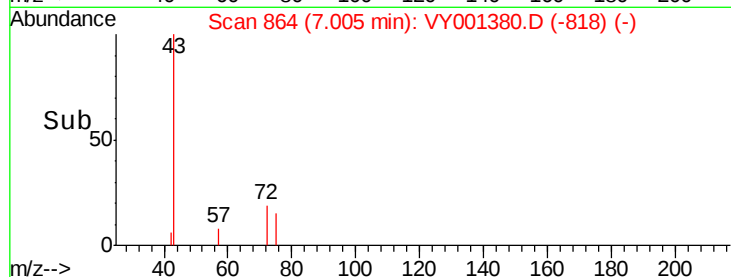
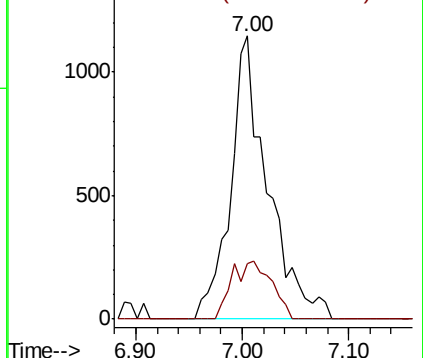
Ion Ratio Lower Upper

43 100

72 19.5 20.6 31.0#



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



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

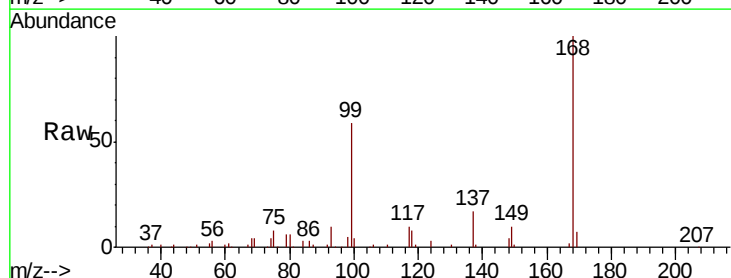
Tgt Ion: 56 Resp: 1322

Ion Ratio Lower Upper

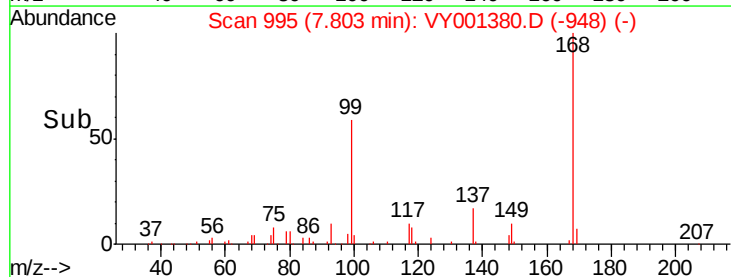
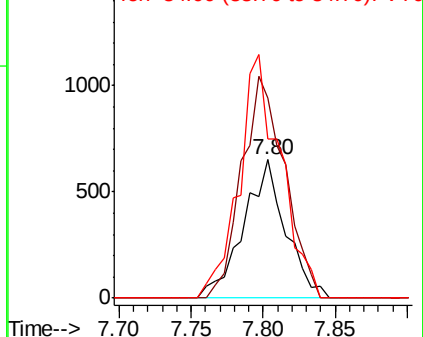
56 100

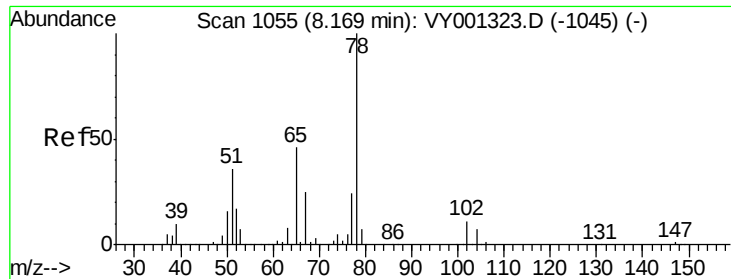
69 144.6 27.6 41.4#

84 114.6 69.7 104.5#



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

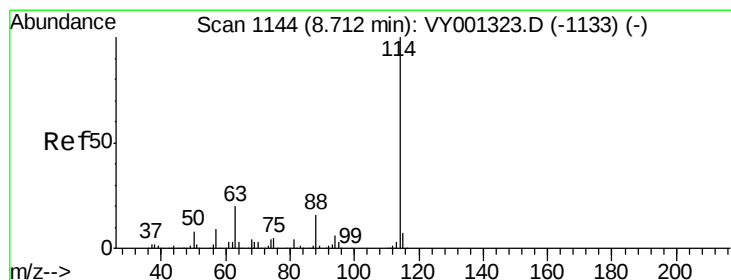
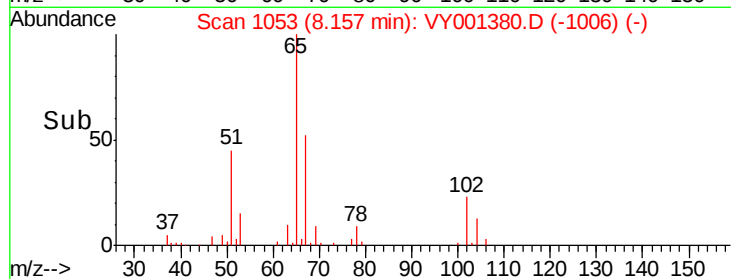
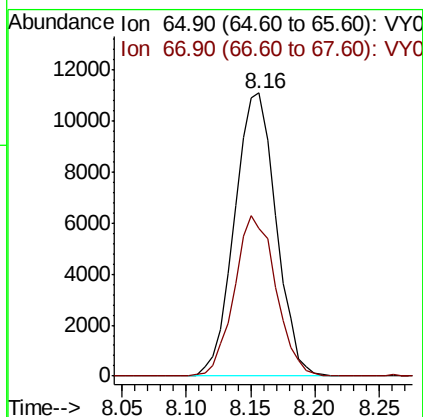
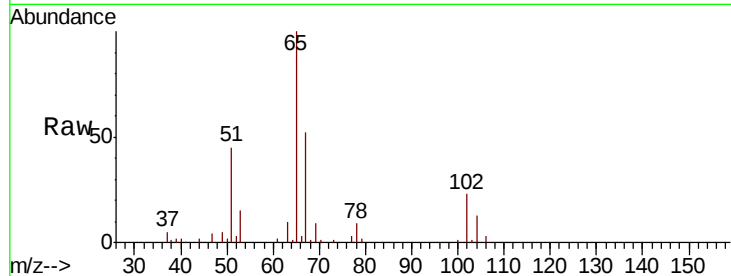




#33
 1,2-Dichloroethane-d4
 Concen: 41.235 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001380.D
 Acq: 24 Jan 2020 14:28

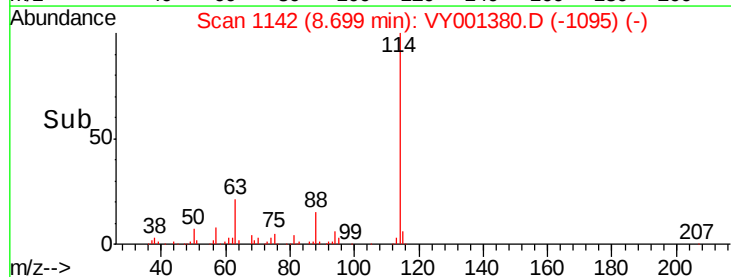
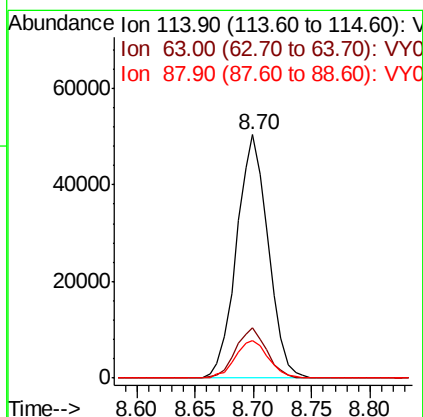
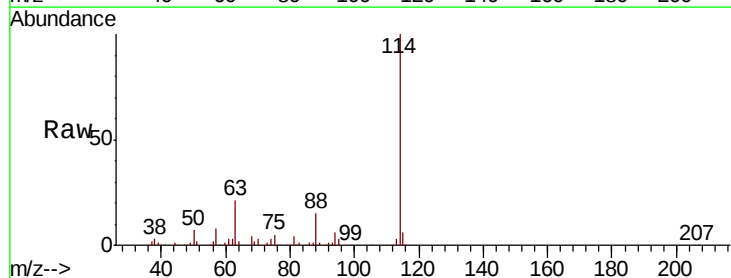
Instrument :
 MSVOA_Y
 ClientSampleId :

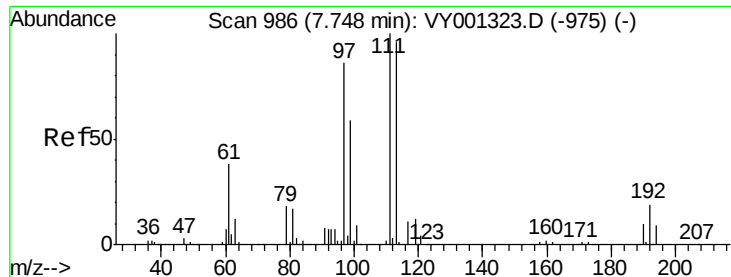
Tot Ion: 65 Resp: 24781
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001380.D
 Acq: 24 Jan 2020 14:28

Tgt Ion: 114 Resp: 95227
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 15.3 0.0 31.0

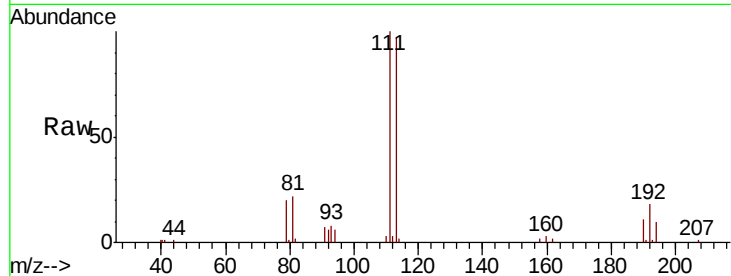




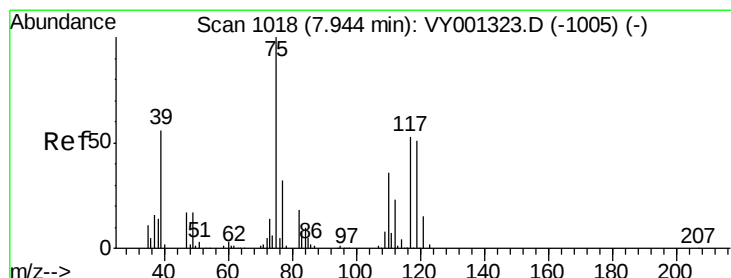
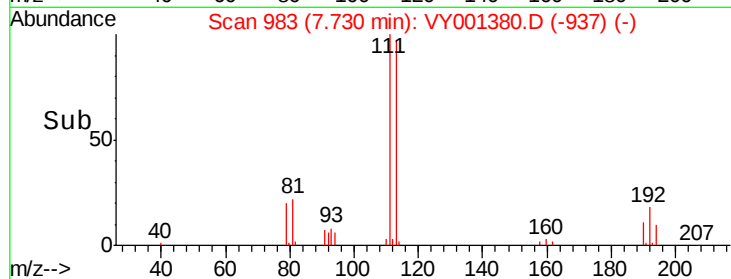
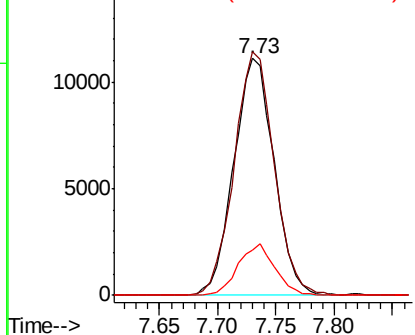
#35
 Dibromofluoromethane
 Concen: 47.755 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001380.D
 Acq: 24 Jan 2020 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 26690
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.8 124.2
 192 19.9 15.5 23.3

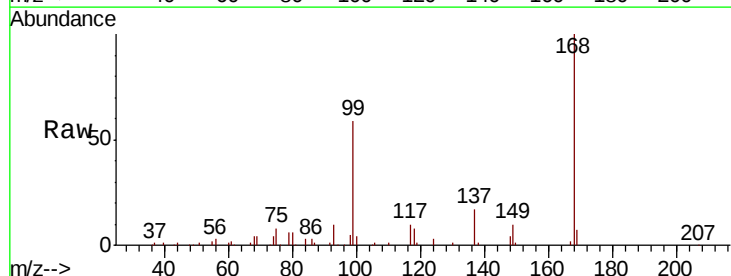


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

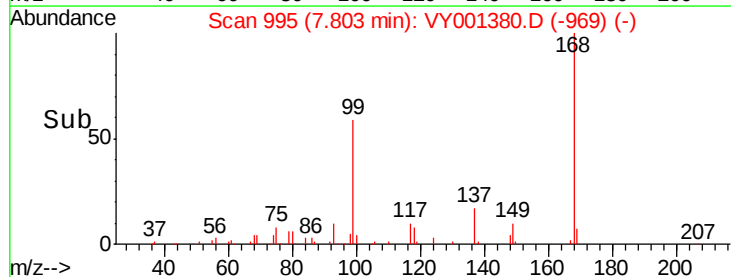
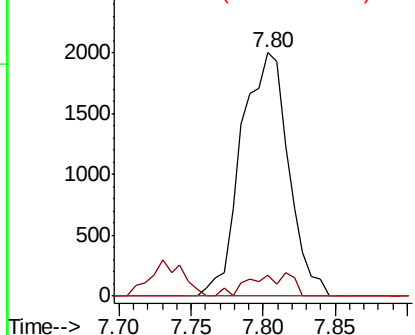


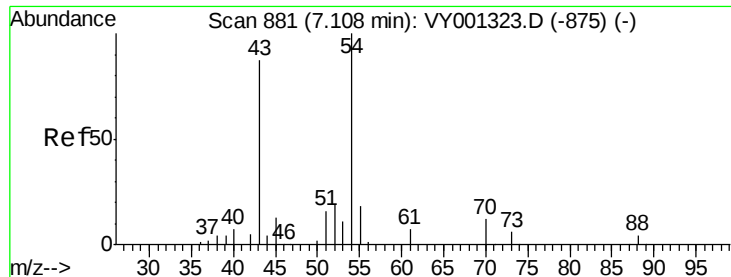
#36
 1,1-Dichloropropene
 Concen: 5.066 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001380.D
 Acq: 24 Jan 2020 14:28

Tgt Ion: 75 Resp: 4558
 Ion Ratio Lower Upper
 75 100
 110 5.6 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

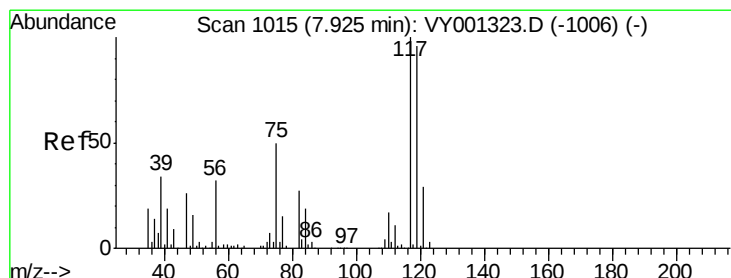
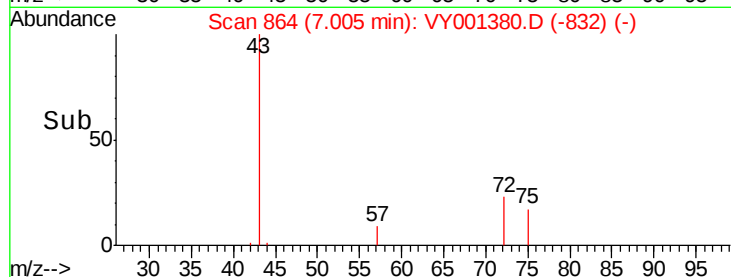
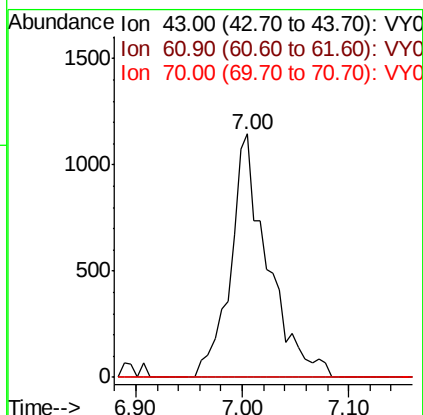
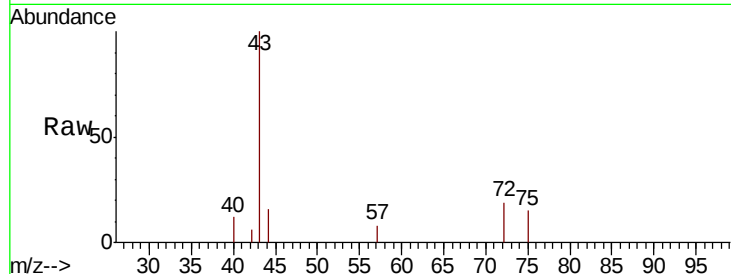




#37
Ethyl Acetate
Concen: 5.092 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.10 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

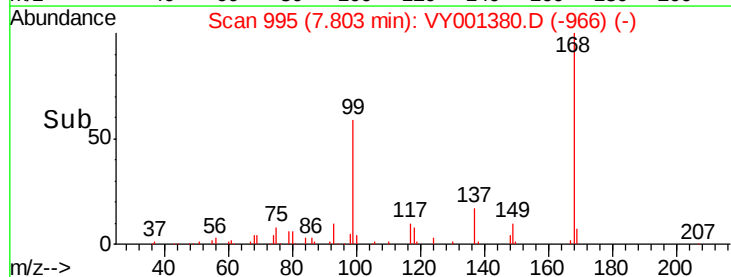
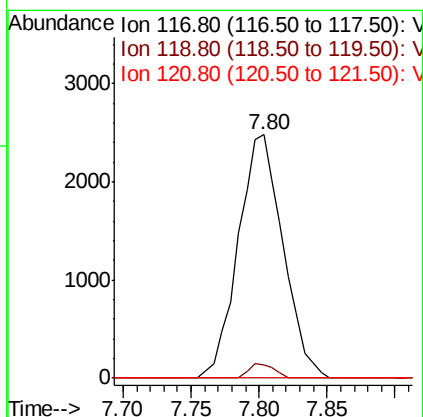
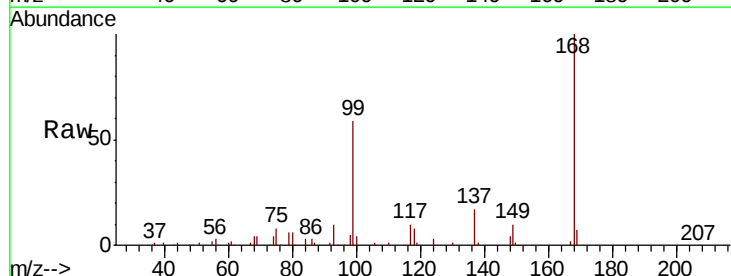
Instrument :
MSVOA_Y
ClientSampleId :

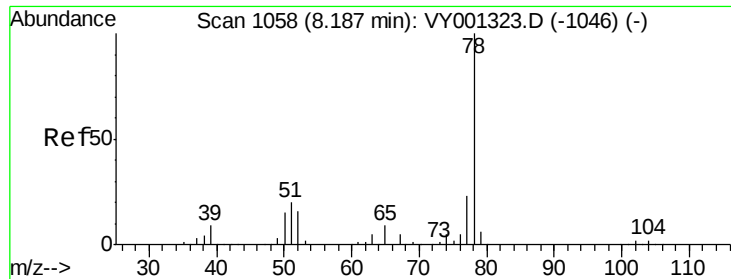
Tot Ion: 43 Resp: 2799
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 7.098 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

Tgt Ion: 117 Resp: 5691
Ion Ratio Lower Upper
117 100
119 5.6 76.3 114.5#
121 0.0 23.5 35.3#

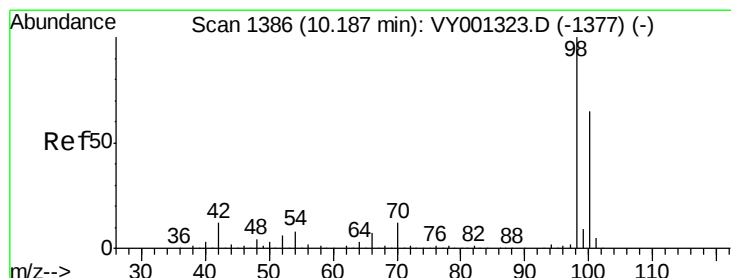
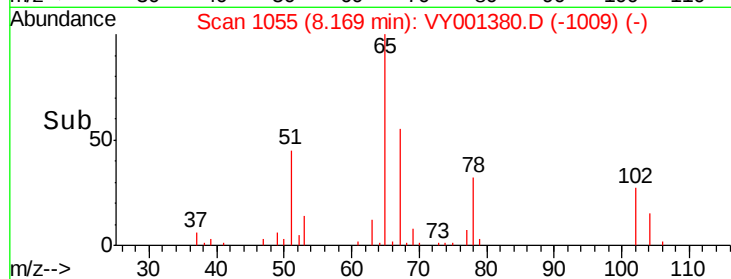
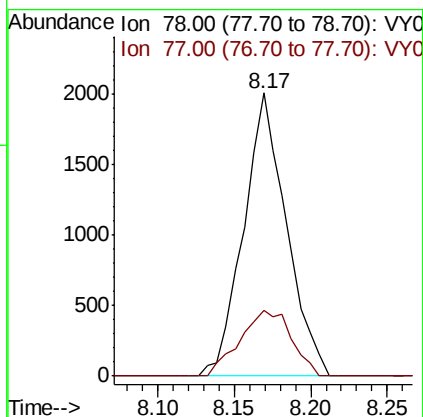
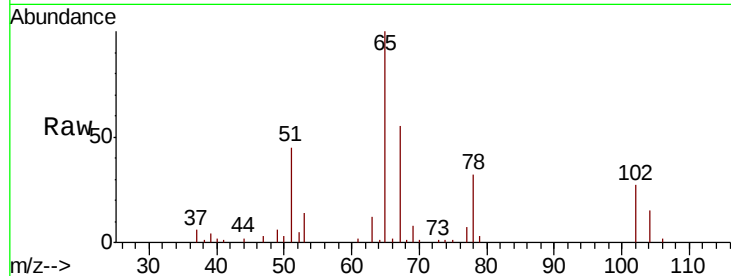




#40
Benzene
Concen: 1.443 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

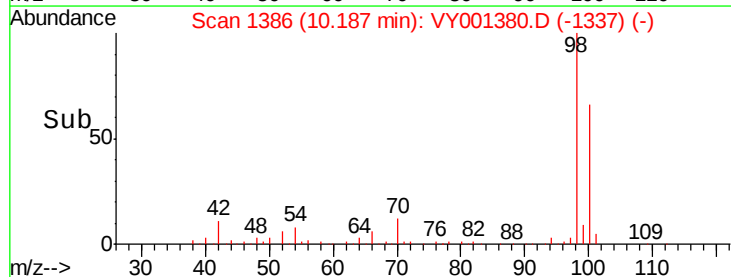
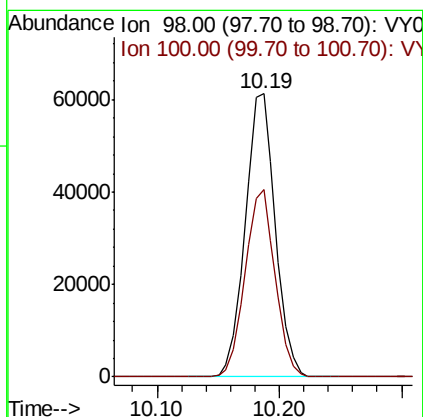
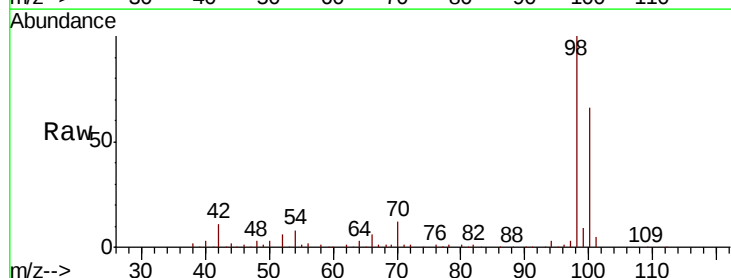
Instrument :
MSVOA_Y
ClientSampleId :

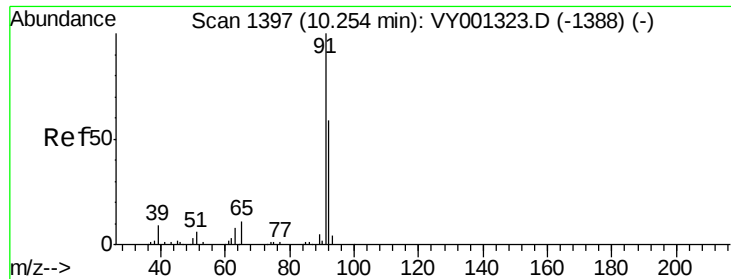
Tot Ion: 78 Resp: 3893
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8



#50
Toluene-d8
Concen: 48.174 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

Tgt Ion: 98 Resp: 104606
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0





#52

Toluene

Concen: 9.289 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

Instrument :

MSVOA_Y

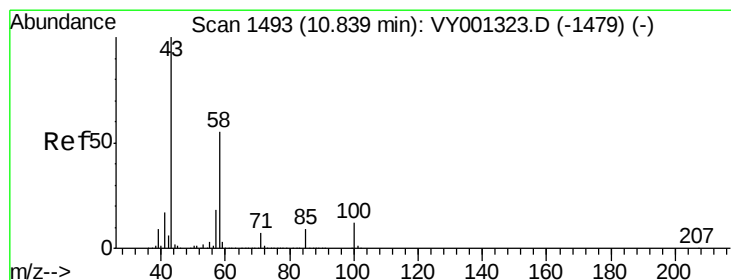
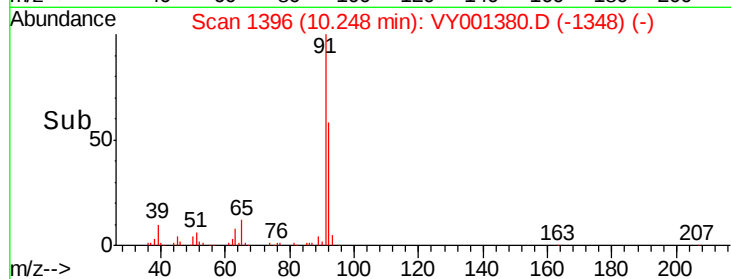
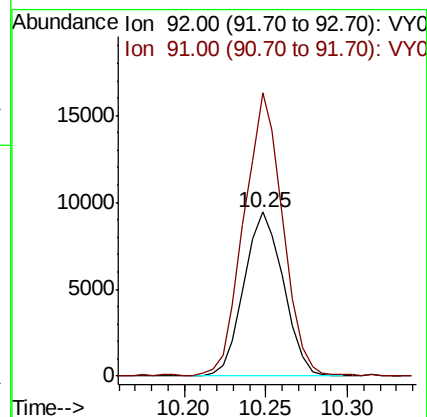
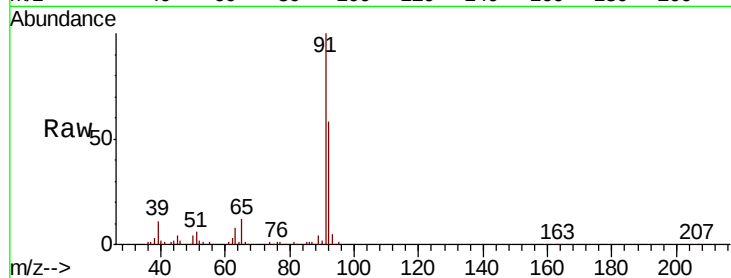
ClientSampleId :

Tot Ion: 92 Resp: 15884

Ion Ratio Lower Upper

92 100

91 170.4 136.4 204.6



#59

2-Hexanone

Concen: 1.138 ug/l

RT: 10.85 min Scan# 1495

Delta R.T. 0.01 min

Lab File: VY001380.D

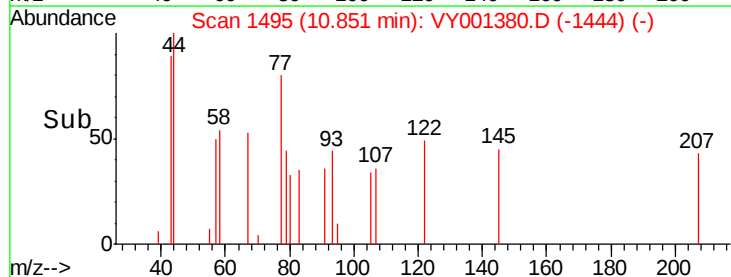
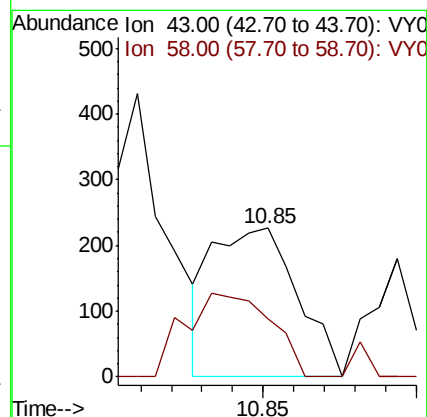
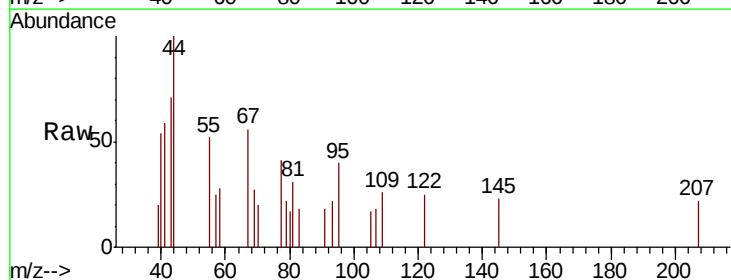
Acq: 24 Jan 2020 14:28

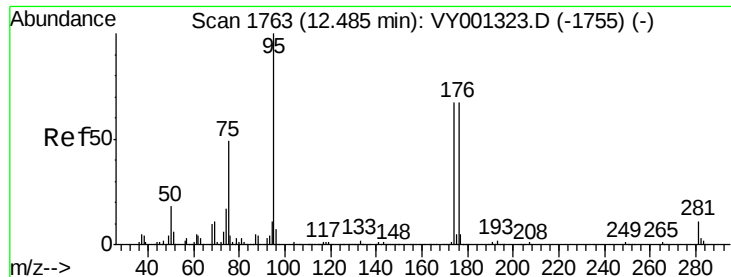
Tgt Ion: 43 Resp: 436

Ion Ratio Lower Upper

43 100

58 57.1 27.6 82.8

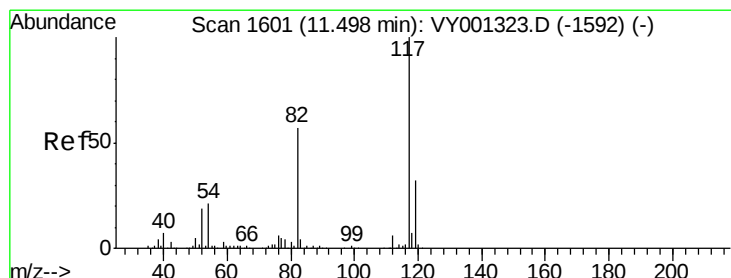
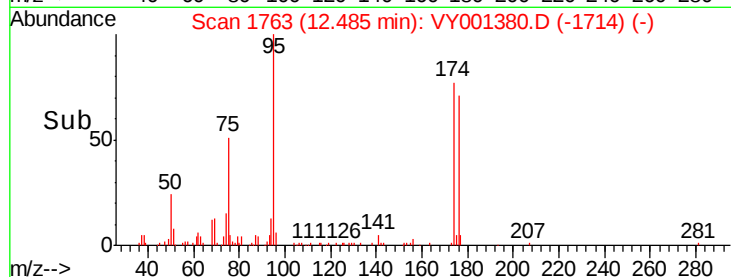
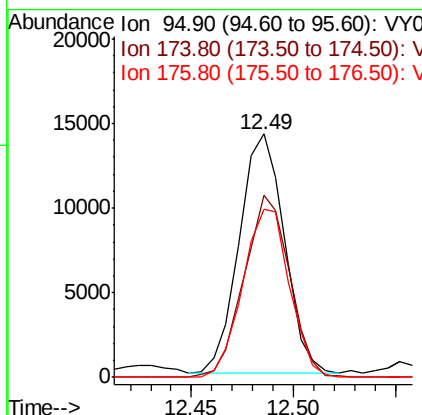
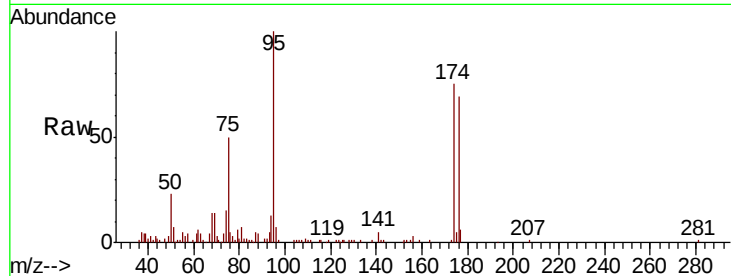




#62
4-Bromofluorobenzene
Concen: 24.997 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

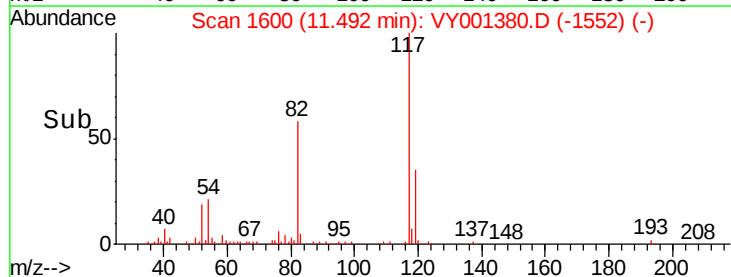
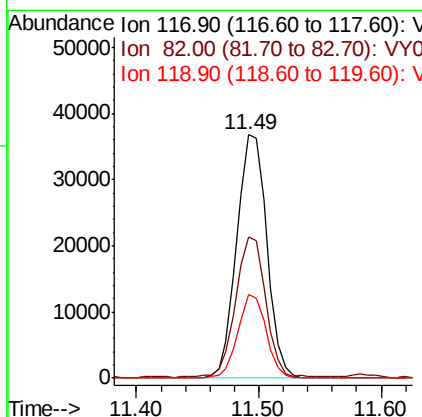
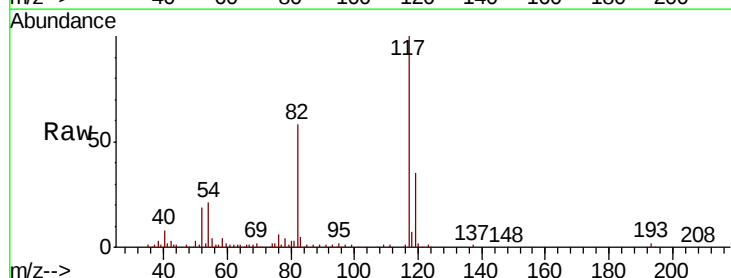
Instrument :
MSVOA_Y
ClientSampleId :

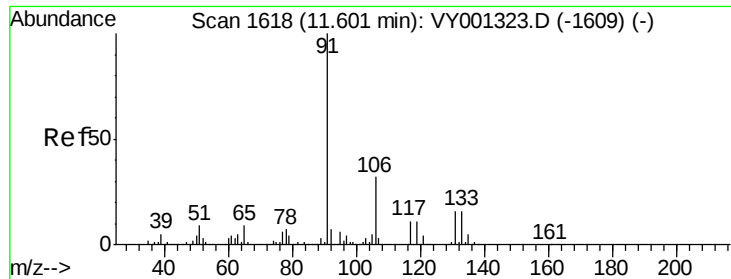
Tot Ion: 95 Resp: 21616
Ion Ratio Lower Upper
95 100
174 77.1 0.0 142.0
176 73.2 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

Tgt Ion: 117 Resp: 62657
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 34.5 25.8 38.6

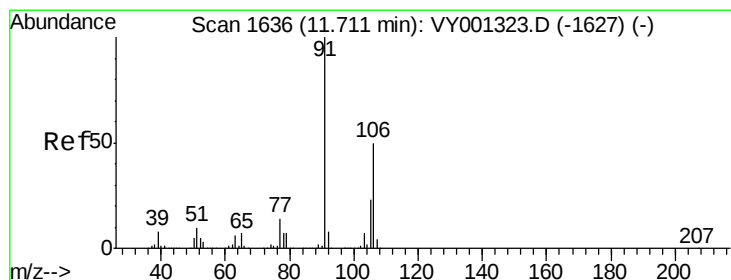
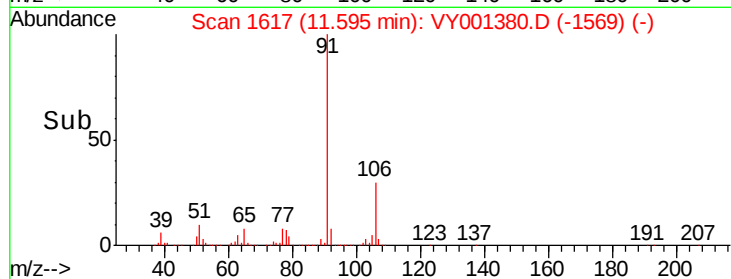
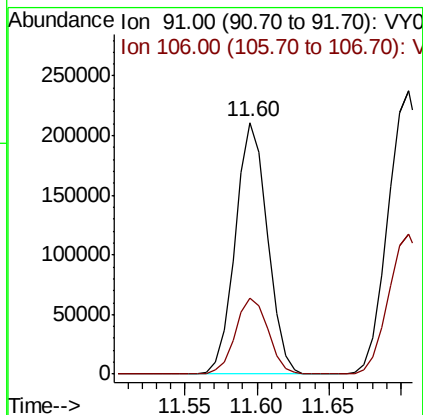
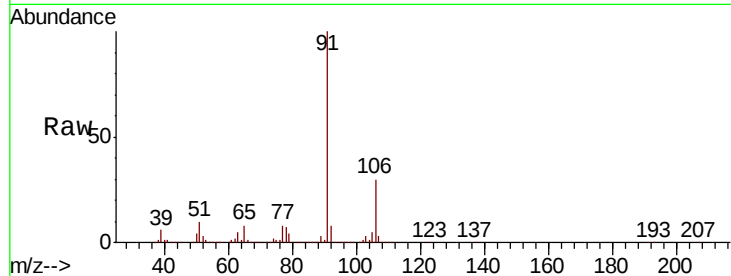




#67
Ethyl Benzene
Concen: 134.252 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

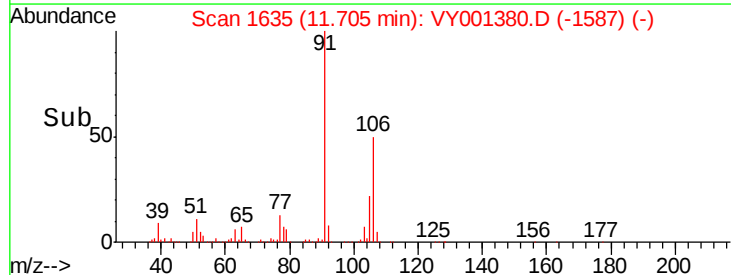
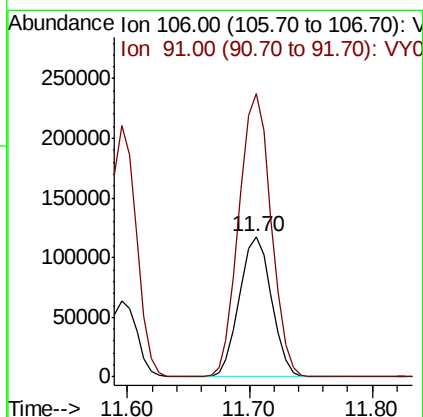
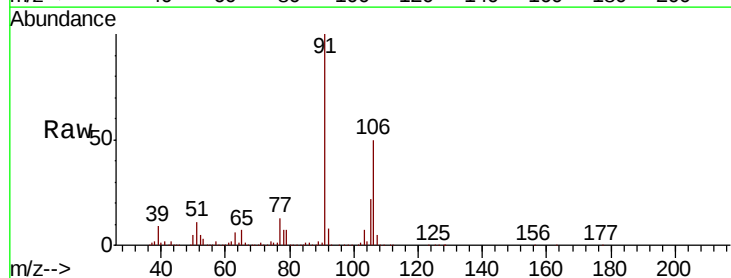
Instrument :
MSVOA_Y
ClientSampled :

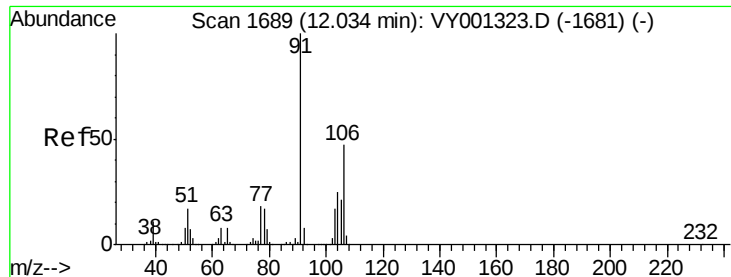
Tot Ion: 91 Resp: 326760
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0



#68
m/p-Xylenes
Concen: 236.885 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

Tgt Ion: 106 Resp: 215340
Ion Ratio Lower Upper
106 100
91 201.6 162.8 244.2

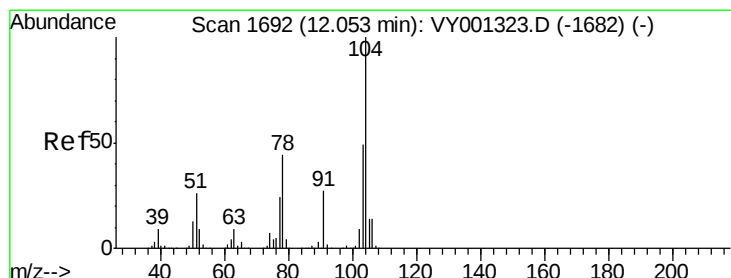
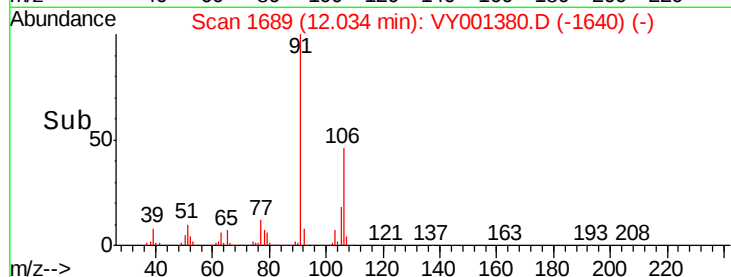
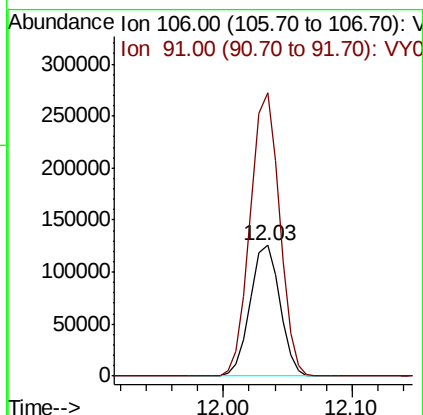
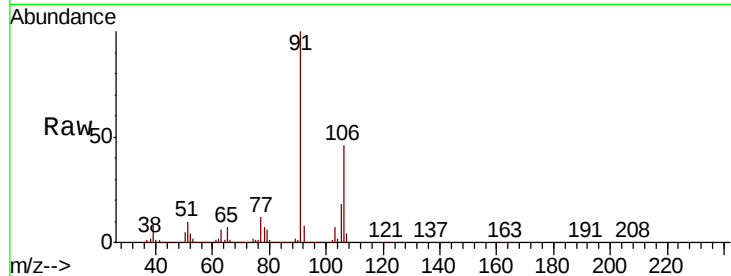




#69
o-Xylene
Concen: 228.511 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

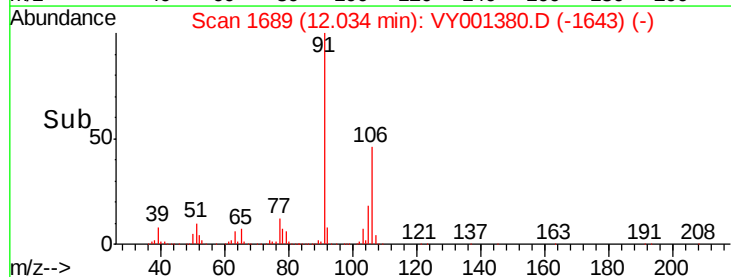
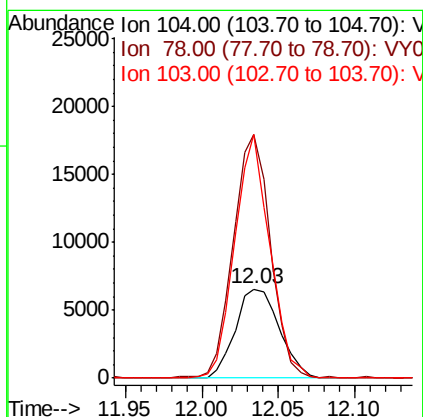
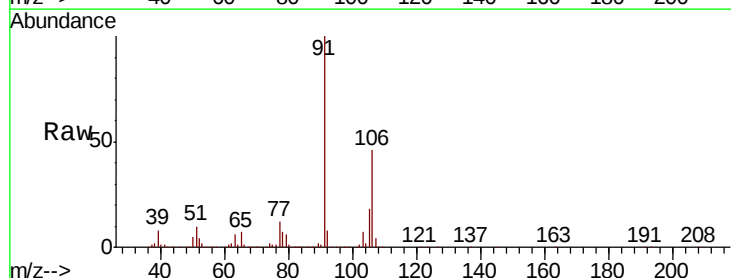
Instrument :
MSVOA_Y
ClientSampled :

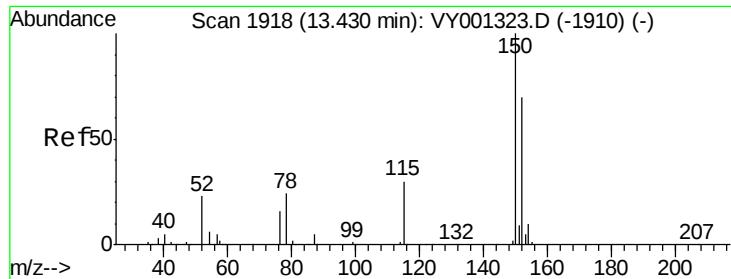
Tot Ion:106 Resp: 199834
Ion Ratio Lower Upper
106 100
91 214.0 106.3 319.0



#70
Styrene
Concen: 8.543 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.02 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

Tgt Ion:104 Resp: 13108
Ion Ratio Lower Upper
104 100
78 232.0 39.8 59.8#
103 217.9 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

Instrument :

MSVOA_Y

ClientSampled :

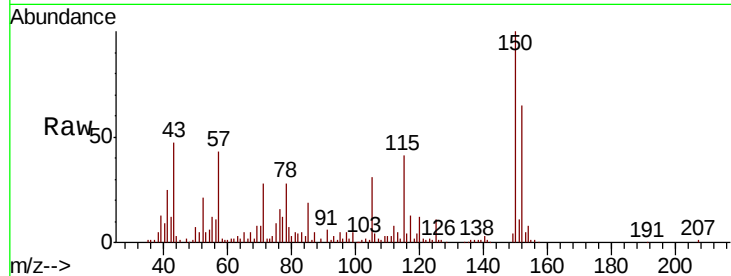
Tot Ion:152 Resp: 18342

Ion Ratio Lower Upper

152 100

115 0.0 30.9 92.8#

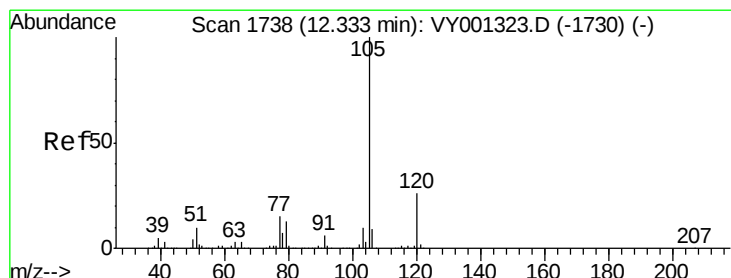
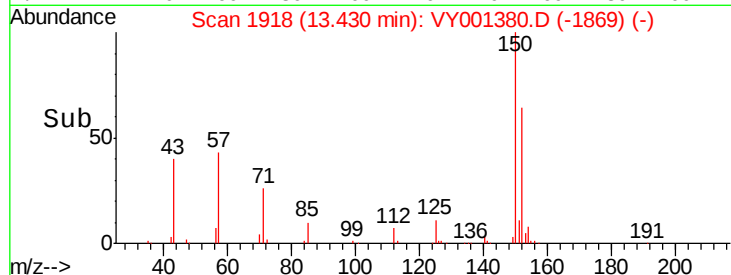
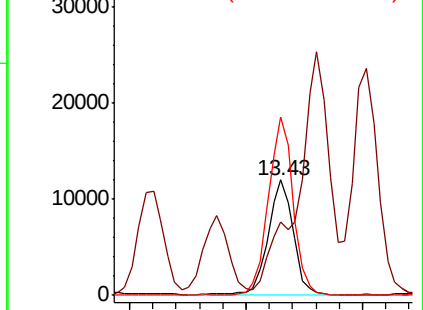
150 150.0 0.0 349.2



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



#73

Isopropylbenzene

Concen: 135.068 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY001380.D

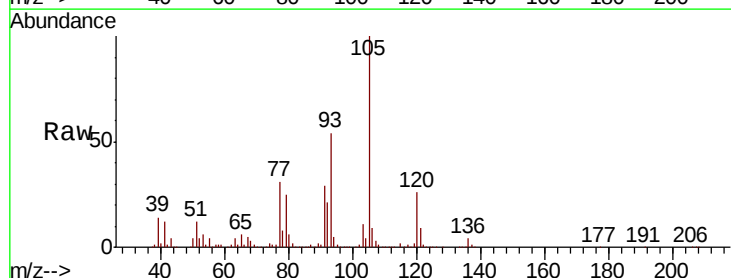
Acq: 24 Jan 2020 14:28

Tgt Ion:105 Resp: 195488

Ion Ratio Lower Upper

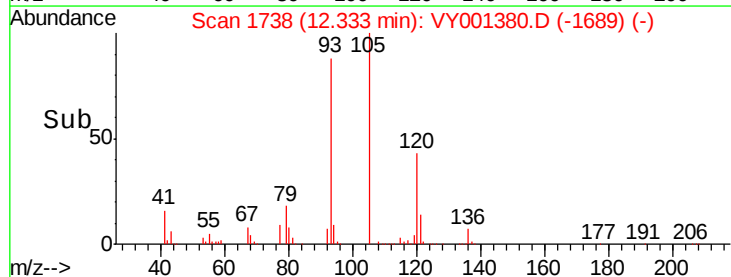
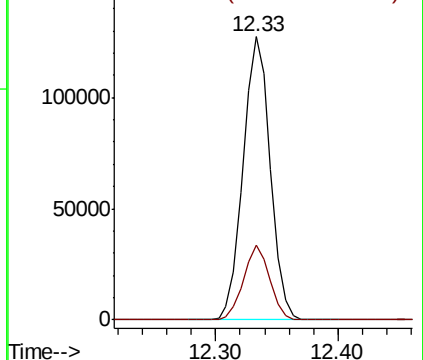
105 100

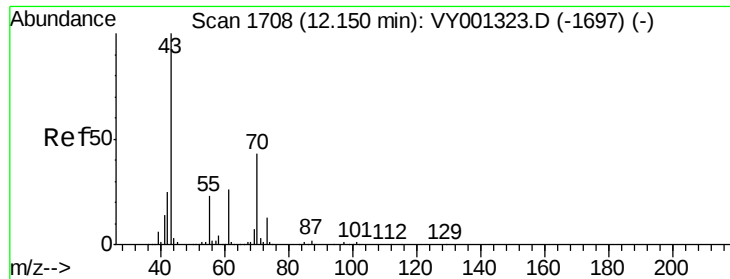
120 25.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.487 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.02 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 43 Resp: 2126

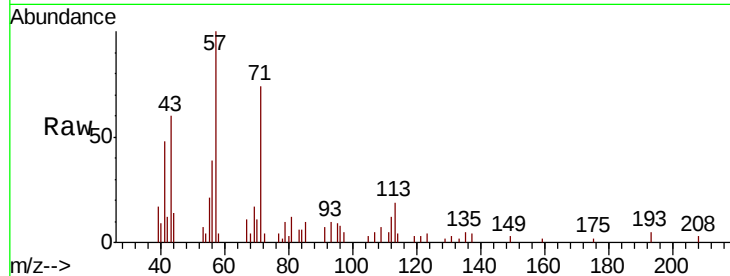
Ion Ratio Lower Upper

43 100

70 10.5 33.5 50.3#

55 0.0 18.2 27.2#

61 0.0 19.6 29.4#

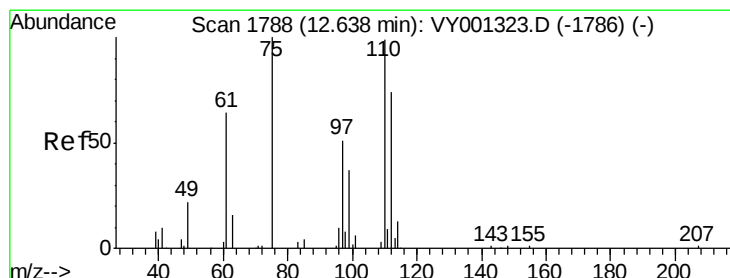
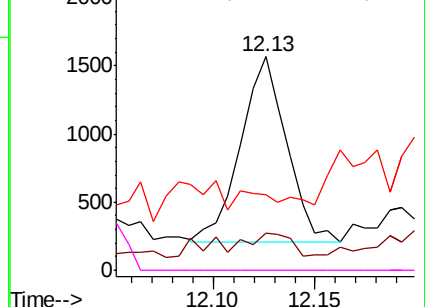
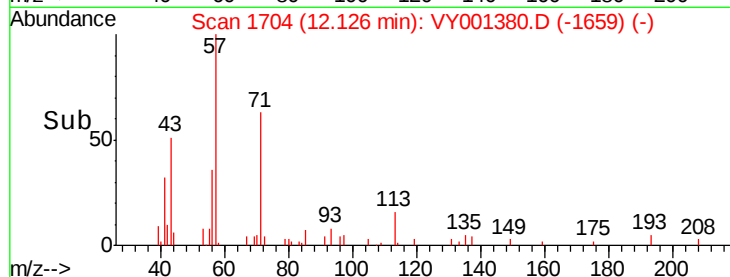


Abundance Ion 43.00 (42.70 to 43.70): VY0

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



#76

1,2,3-Trichloropropane

Concen: 2.208 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.04 min

Lab File: VY001380.D

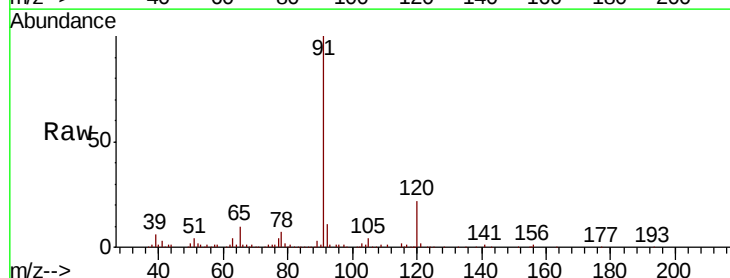
Acq: 24 Jan 2020 14:28

Tgt Ion: 75 Resp: 488

Ion Ratio Lower Upper

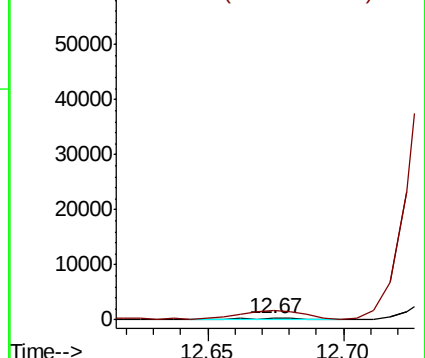
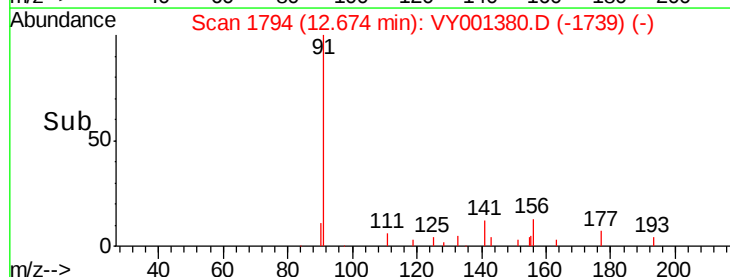
75 100

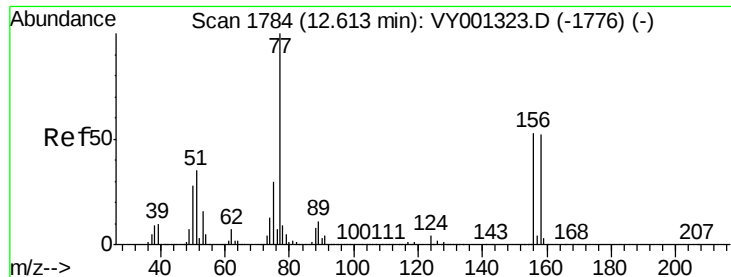
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 13.045 ug/l

RT: 12.54 min Scan# 1772

Delta R.T. -0.07 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

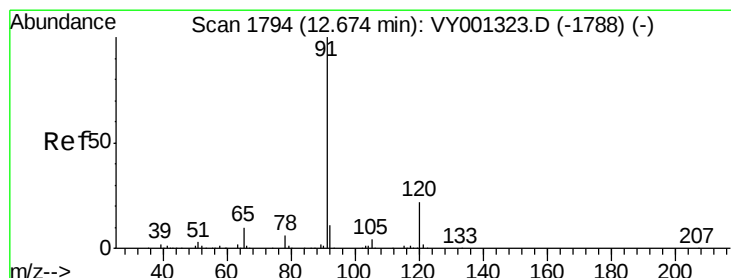
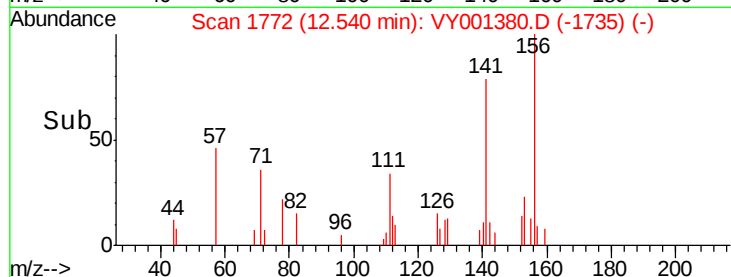
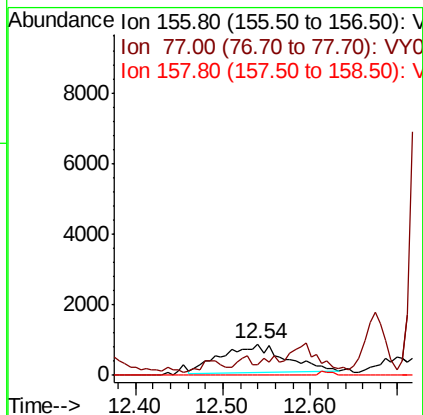
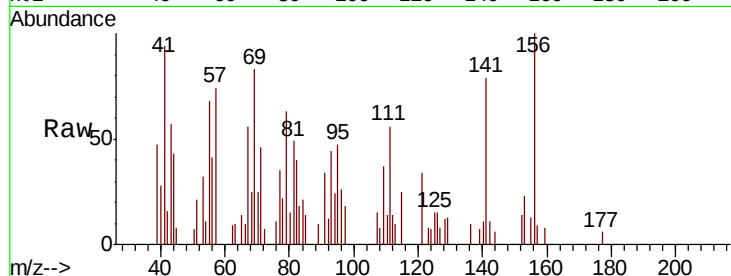
Tot Ion:156 Resp: 4182

Ion Ratio Lower Upper

156 100

77 0.0 104.7 313.9#

158 0.0 48.6 145.8#



#78

n-propylbenzene

Concen: 38.331 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001380.D

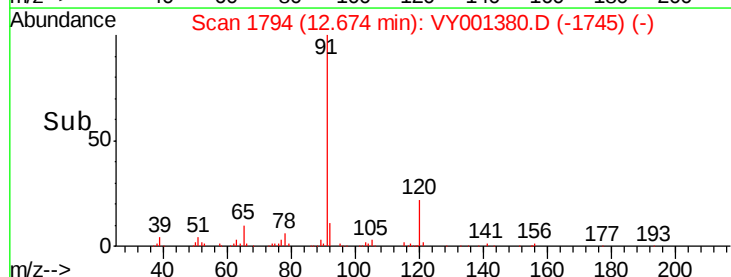
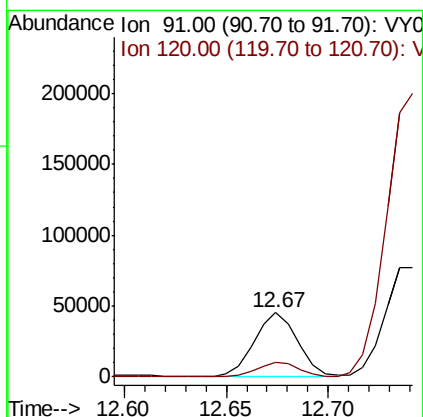
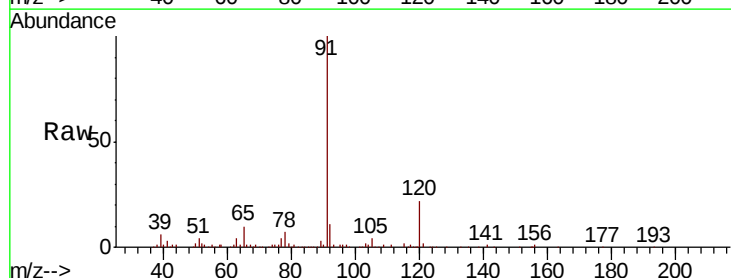
Acq: 24 Jan 2020 14:28

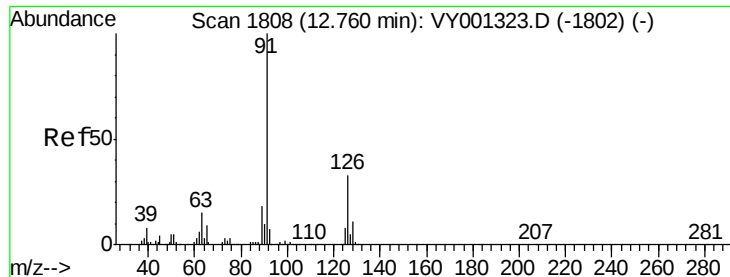
Tgt Ion: 91 Resp: 66776

Ion Ratio Lower Upper

91 100

120 0.0 11.3 33.8#

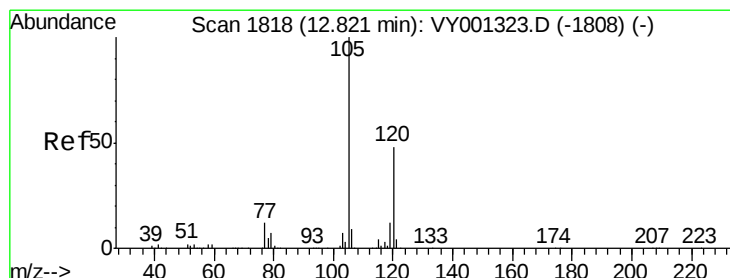
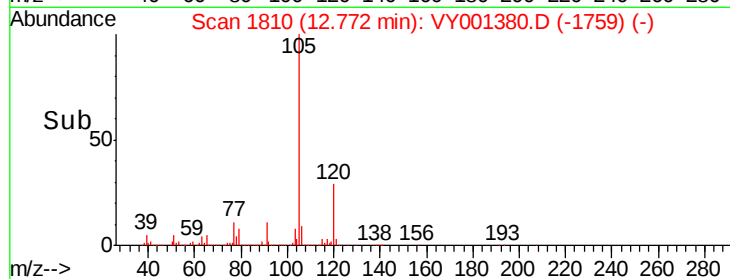
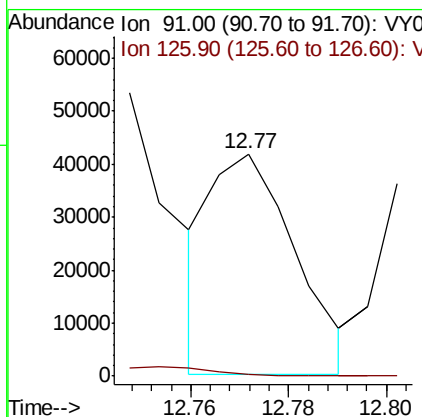
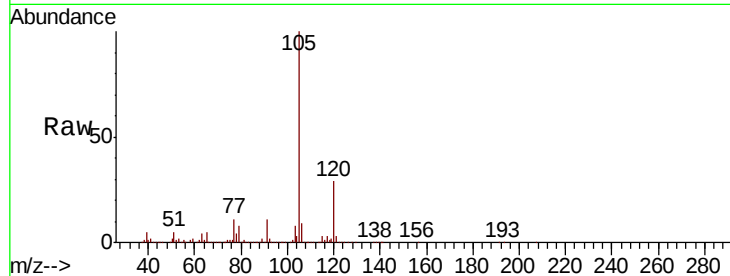




#79
 2-Chlorotoluene
 Concen: 50.179 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001380.D
 Acq: 24 Jan 2020 14:28

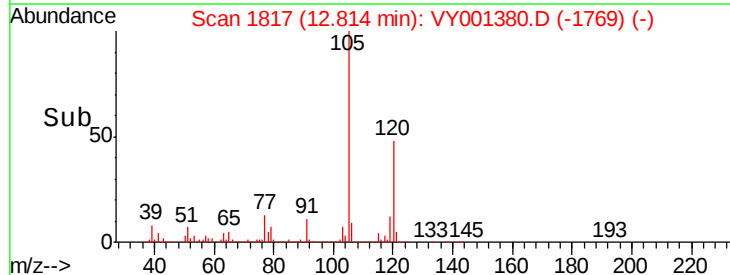
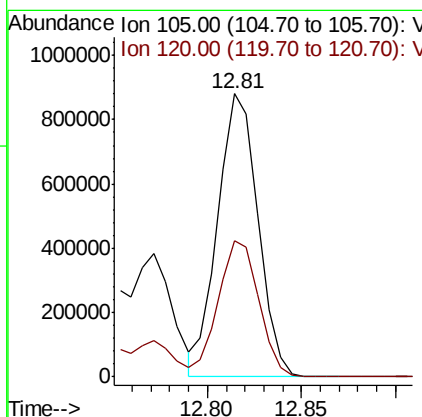
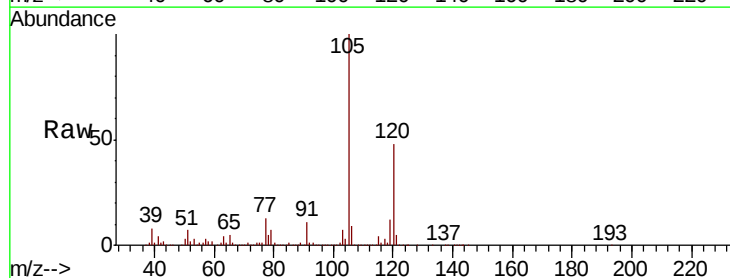
Instrument :
 MSVOA_Y
 ClientSampleId :

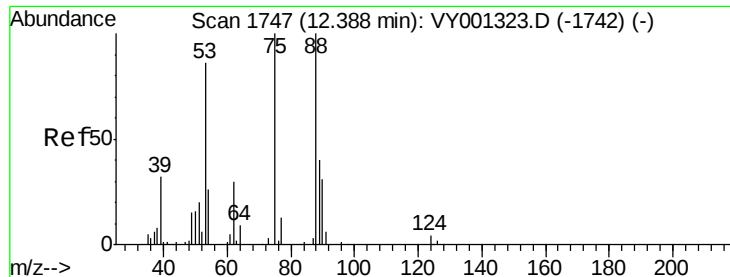
Tot Ion: 91 Resp: 49939
 Ion Ratio Lower Upper
 91 100
 126 5.8 16.6 49.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 1080.579 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001380.D
 Acq: 24 Jan 2020 14:28

Tgt Ion: 105 Resp: 1305477
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 22.492 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.06 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

Instrument :

MSVOA_Y

ClientSampled :

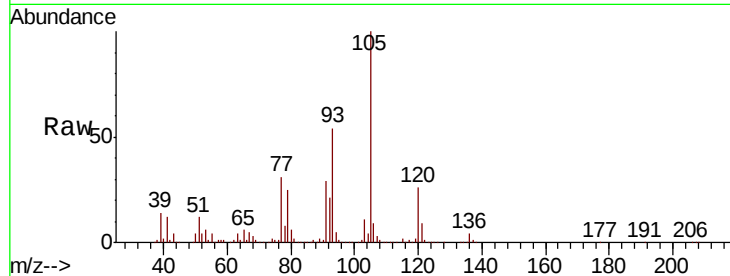
Tot Ion: 75 Resp: 2627

Ion Ratio Lower Upper

75 100

53 542.6 69.9 104.9#

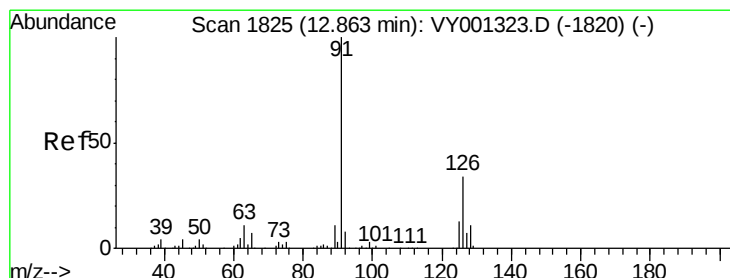
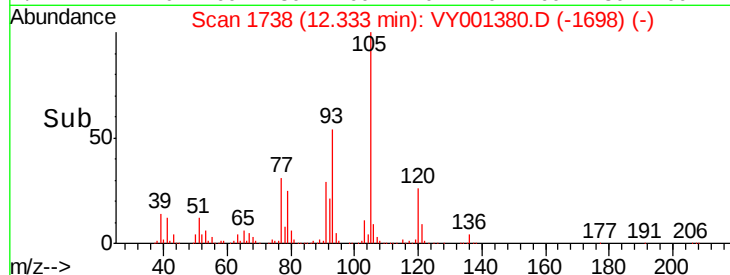
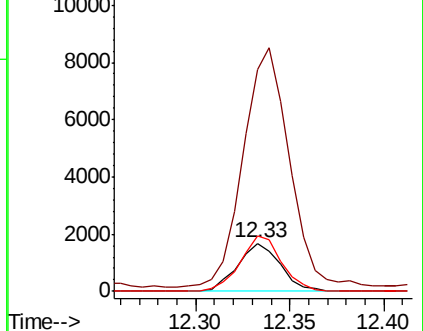
89 112.2 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 128.885 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.05 min

Lab File: VY001380.D

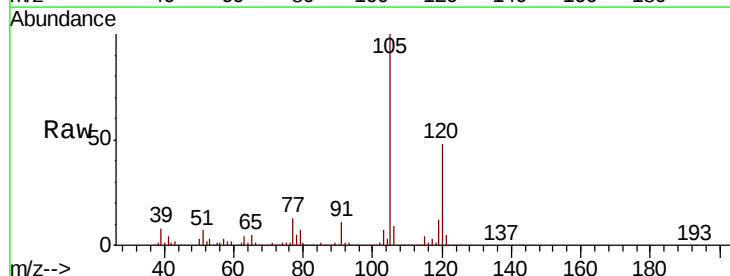
Acq: 24 Jan 2020 14:28

Tgt Ion: 91 Resp: 137013

Ion Ratio Lower Upper

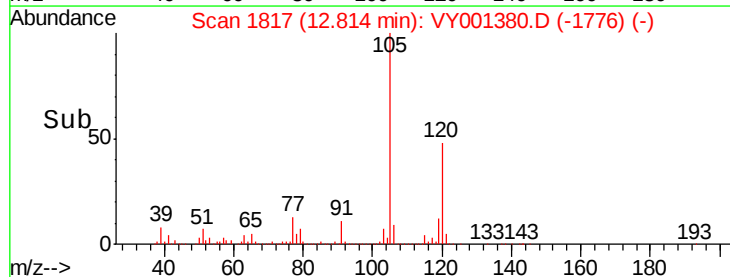
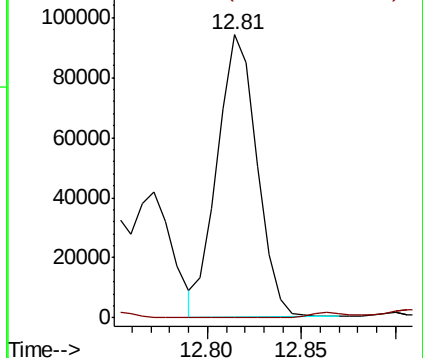
91 100

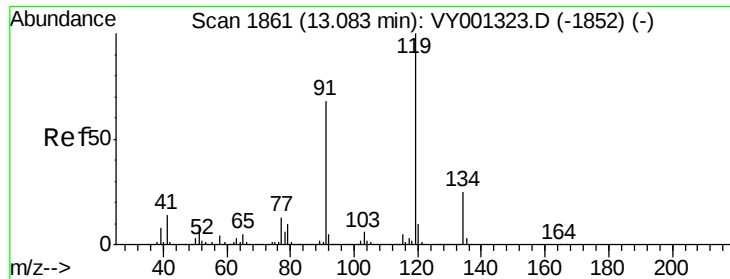
126 0.0 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

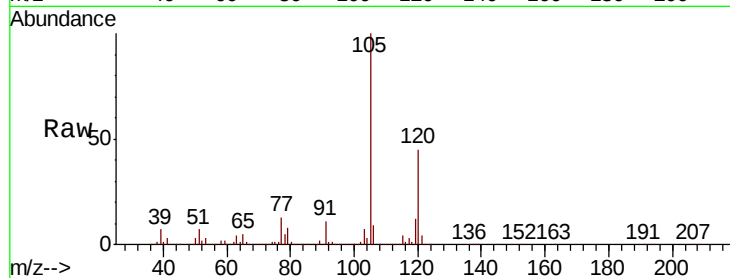




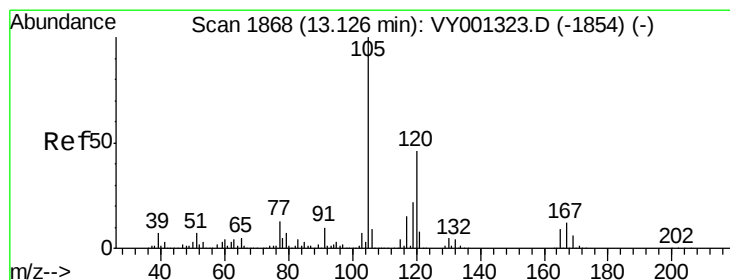
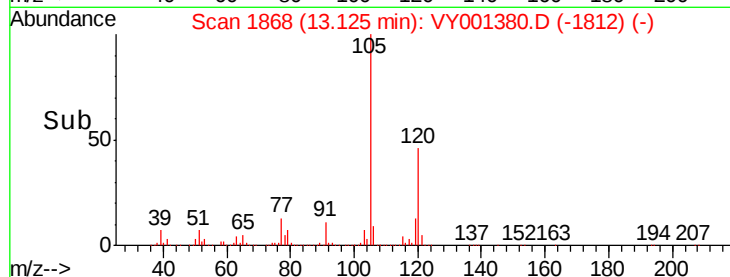
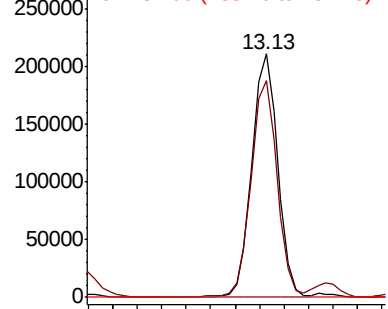
#83
tert-Butylbenzene
Concen: 305.489 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.04 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 311098
Ion Ratio Lower Upper
119 100
91 89.6 33.0 99.0
134 0.0 13.3 39.9#

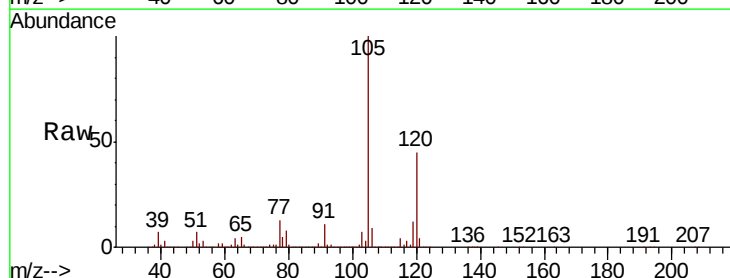


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

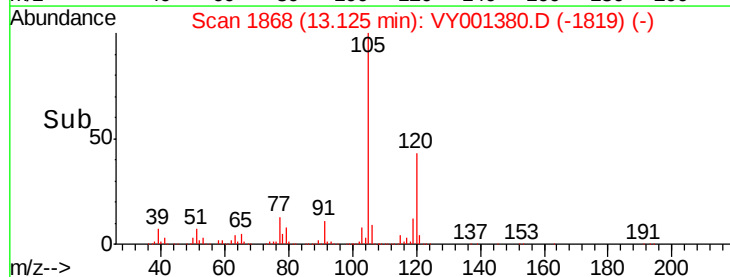
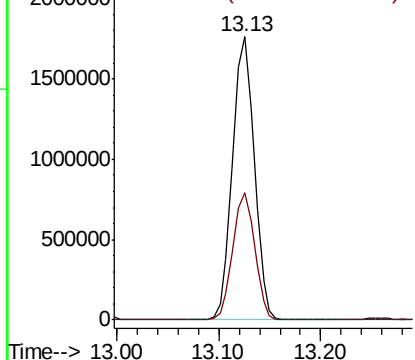


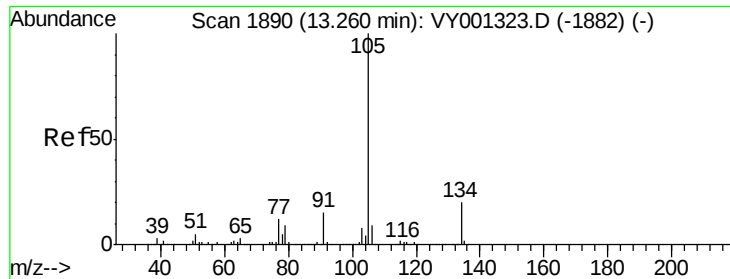
#84
1,2,4-Trimethylbenzene
Concen: 2138.529 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001380.D
Acq: 24 Jan 2020 14:28

Tgt Ion:105 Resp: 2593874
Ion Ratio Lower Upper
105 100
120 45.2 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: 1792.746 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.13 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

Instrument :

MSVOA_Y

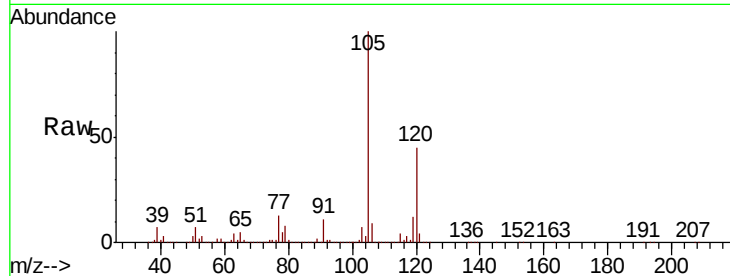
ClientSampleId :

Tot Ion:105 Resp: 2593874

Ion Ratio Lower Upper

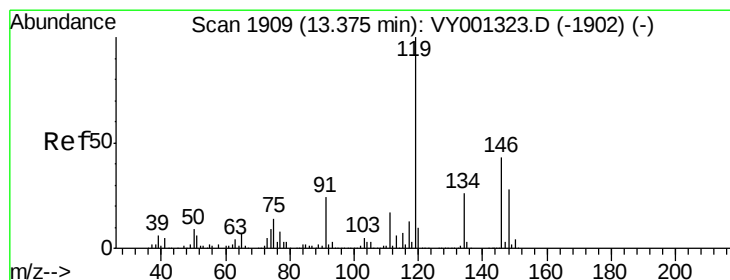
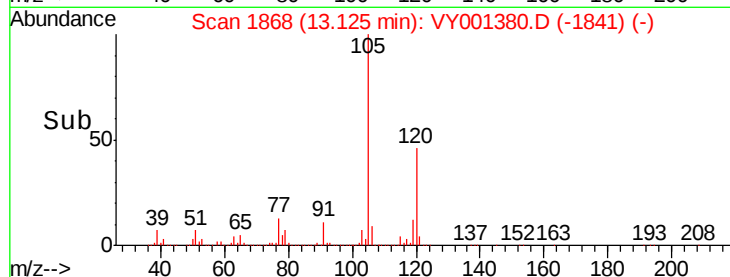
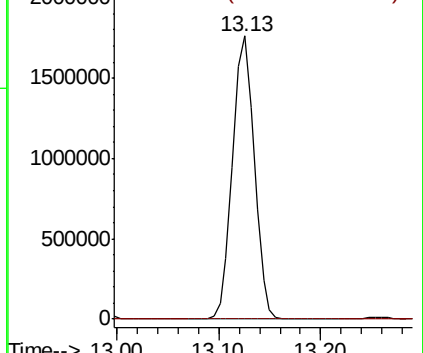
105 100

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



#86

p-Isopropyltoluene

Concen: 126.200 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

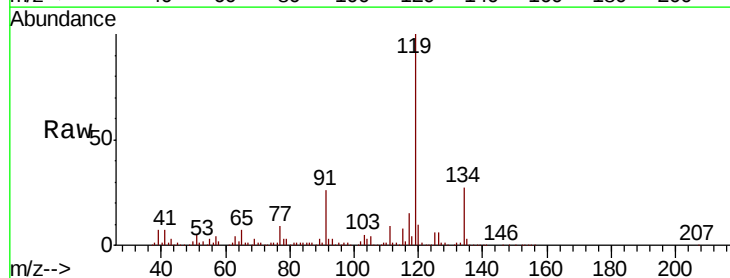
Tgt Ion:119 Resp: 160910

Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.4

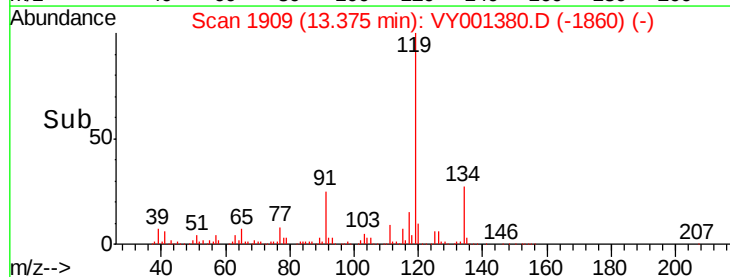
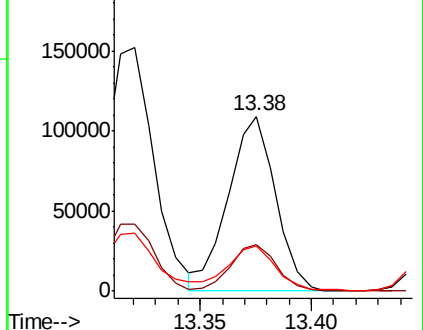
91 24.9 12.2 36.6

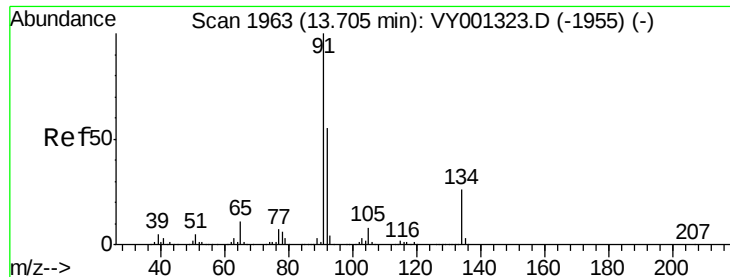


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#89

n-Butylbenzene

Concen: 1085.107 ug/l

RT: 13.63 min Scan# 1951

Delta R.T. -0.07 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

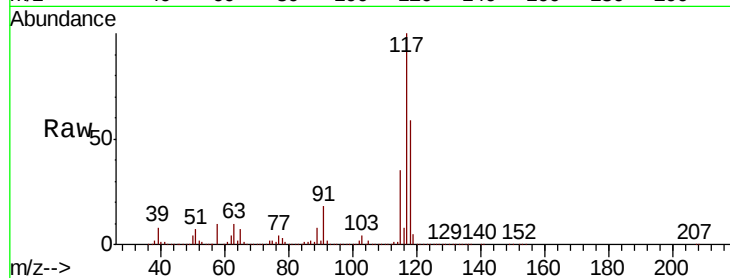
Tot Ion: 91 Resp: 1392436

Ion Ratio Lower Upper

91 100

92 10.0 27.6 82.8#

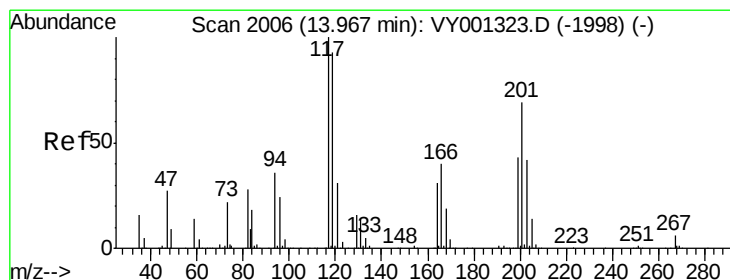
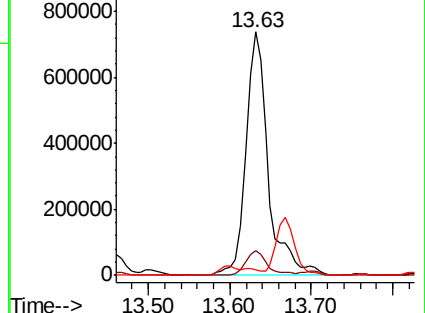
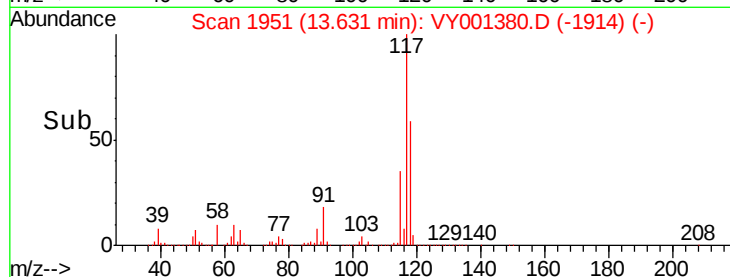
134 0.0 12.9 38.6#



Abundance Ion 91.00 (90.70 to 91.70): VY001380.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001380.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001380.D (-1914) (-)



#90

Hexachloroethane

Concen: 251.565 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY001380.D

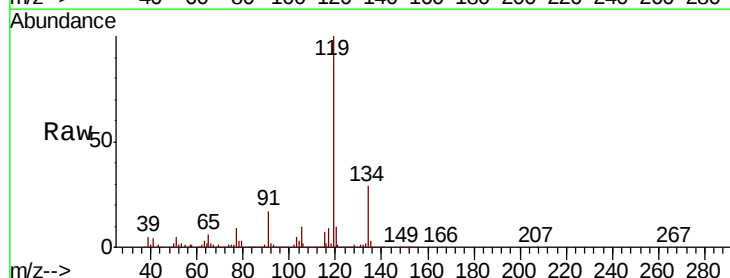
Acq: 24 Jan 2020 14:28

Tgt Ion: 117 Resp: 60800

Ion Ratio Lower Upper

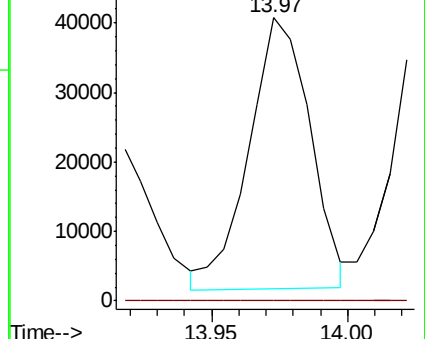
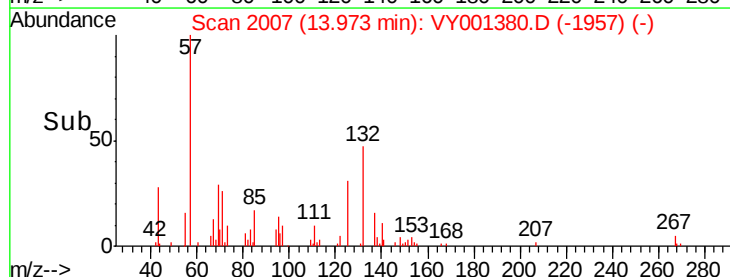
117 100

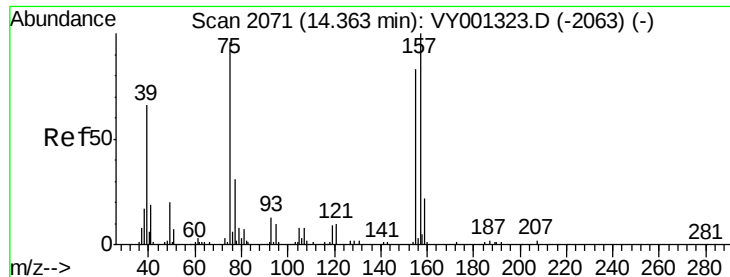
201 0.0 34.6 103.8#



Abundance Ion 116.80 (116.50 to 117.50): VY001380.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY001380.D (-1957) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 762.797 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

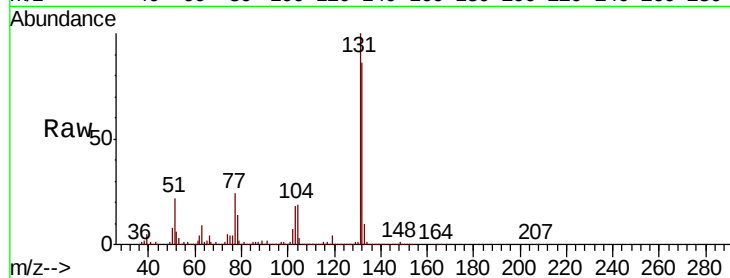
Tot Ion: 75 Resp: 40800

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.2#

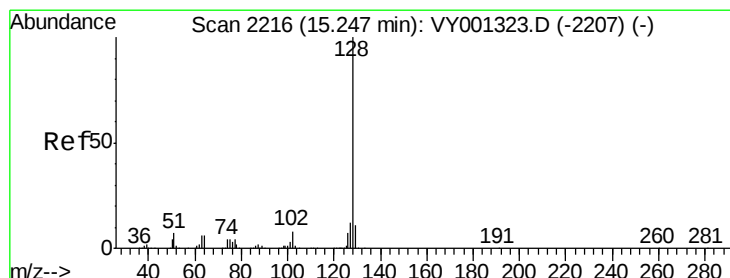
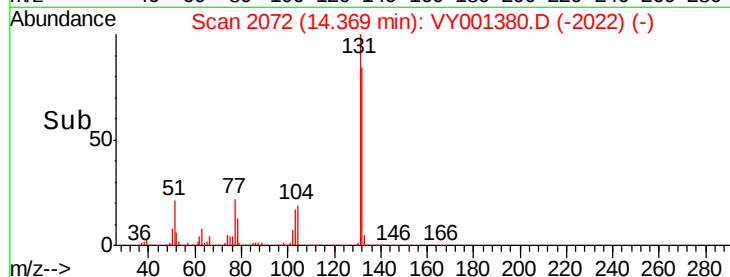
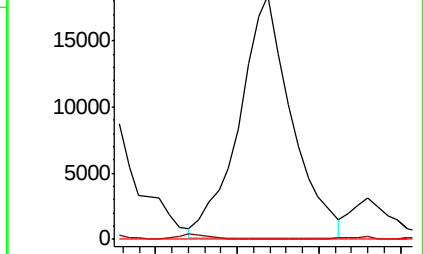
157 0.0 53.3 160.0#



Abundance Ion 74.90 (74.60 to 75.60): VY001380.D (-2022) (-)

Ion 154.80 (154.50 to 155.50): VY001380.D (-2022) (-)

Ion 156.80 (156.50 to 157.50): VY001380.D (-2022) (-)



#95

Naphthalene

Concen: 27144.897 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001380.D

Acq: 24 Jan 2020 14:28

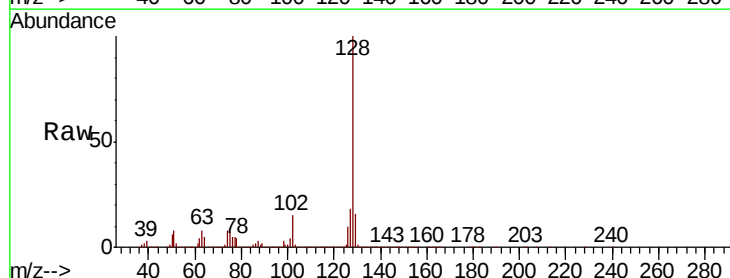
Tgt Ion: 128 Resp: 23719673

Ion Ratio Lower Upper

128 100

127 17.6 10.2 15.2#

129 15.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VY001380.D (-2167) (-)

Ion 127.00 (126.70 to 127.70): VY001380.D (-2167) (-)

Ion 129.00 (128.70 to 129.70): VY001380.D (-2167) (-)

