

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001473.D
 Acq On : 03 Feb 2020 14:44
 Operator : SY/MD
 Sample : L1329-22
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 04:19:52 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	7.81	168	194152	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	346525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	201487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	35733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	112267	53.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.74	113	107267	52.74	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	10.19	98	337806	42.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.50%	
62) 4-Bromofluorobenzene	12.49	95	74387	23.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.28%	

Target Compounds

					Qvalue
11) Tert butyl alcohol	4.95	59	5598	1.828 ug/l #	82
13) Acrolein	3.71	56	21	Below Cal #	1
16) Acetone	3.97	43	8093	7.180 ug/l	93
20) Methylene Chloride	4.73	84	14719	1.534 ug/l #	82
25) 2-Butanone	7.00	43	5845	6.356 ug/l	96
29) Tetrahydrofuran	7.36	42	803	1.342 ug/l #	72
31) Cyclohexane	7.80	56	14821	3.628 ug/l #	78
36) 1,1-Dichloropropene	7.80	75	15108	4.615 ug/l #	51
37) Ethyl Acetate	7.00	43	5845	2.922 ug/l #	86
38) Carbon Tetrachloride	7.80	117	20207	6.926 ug/l #	16
39) Methylcyclohexane	9.19	83	31192	7.437 ug/l	98
48) Methyl methacrylate	9.25	41	3301	1.867 ug/l #	40
51) 4-Methyl-2-Pentanone	10.08	43	89682	44.775 ug/l	97
55) 1,1,2-Trichloroethane	10.63	97	14638	7.444 ug/l #	21
59) 2-Hexanone	10.81	43	19170	13.748 ug/l #	31
67) Ethyl Benzene	11.60	91	120837	15.439 ug/l	99
68) m/p-Xylenes	11.70	106	172650	59.061 ug/l	99
69) o-Xylene	12.03	106	15984	5.684 ug/l	99
73) Isopropylbenzene	12.34	105	44496	15.781 ug/l	98
74) N-amyl acetate	12.13	43	34379	37.249 ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.62	83	921	1.525 ug/l #	26
76) 1,2,3-Trichloropropane	12.67	75	1956	4.543 ug/l #	100
77) Bromobenzene	12.54	156	696	1.114 ug/l #	1
78) n-propylbenzene	12.67	91	302398	89.102 ug/l	98
79) 2-Chlorotoluene	12.77	91	28604	14.753 ug/l #	42
80) 1,3,5-Trimethylbenzene	12.82	105	251542	106.875 ug/l	100
81) trans-1,4-Dichloro-2-buten	12.49	75	33109	145.512 ug/l #	15
82) 4-Chlorotoluene	12.82	91	26496	12.794 ug/l #	44
83) tert-Butylbenzene	13.13	119	122245	61.618 ug/l #	66
84) 1,2,4-Trimethylbenzene	13.13	105	1019075	431.270 ug/l	100
85) sec-Butylbenzene	13.26	105	50324	17.853 ug/l #	64
86) p-Isopropyltoluene	13.38	119	28177	11.344 ug/l	99
89) n-Butylbenzene	13.70	91	156130	62.454 ug/l #	74
90) Hexachloroethane	13.98	117	71519	151.896 ug/l #	15

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ClientSampleId :

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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

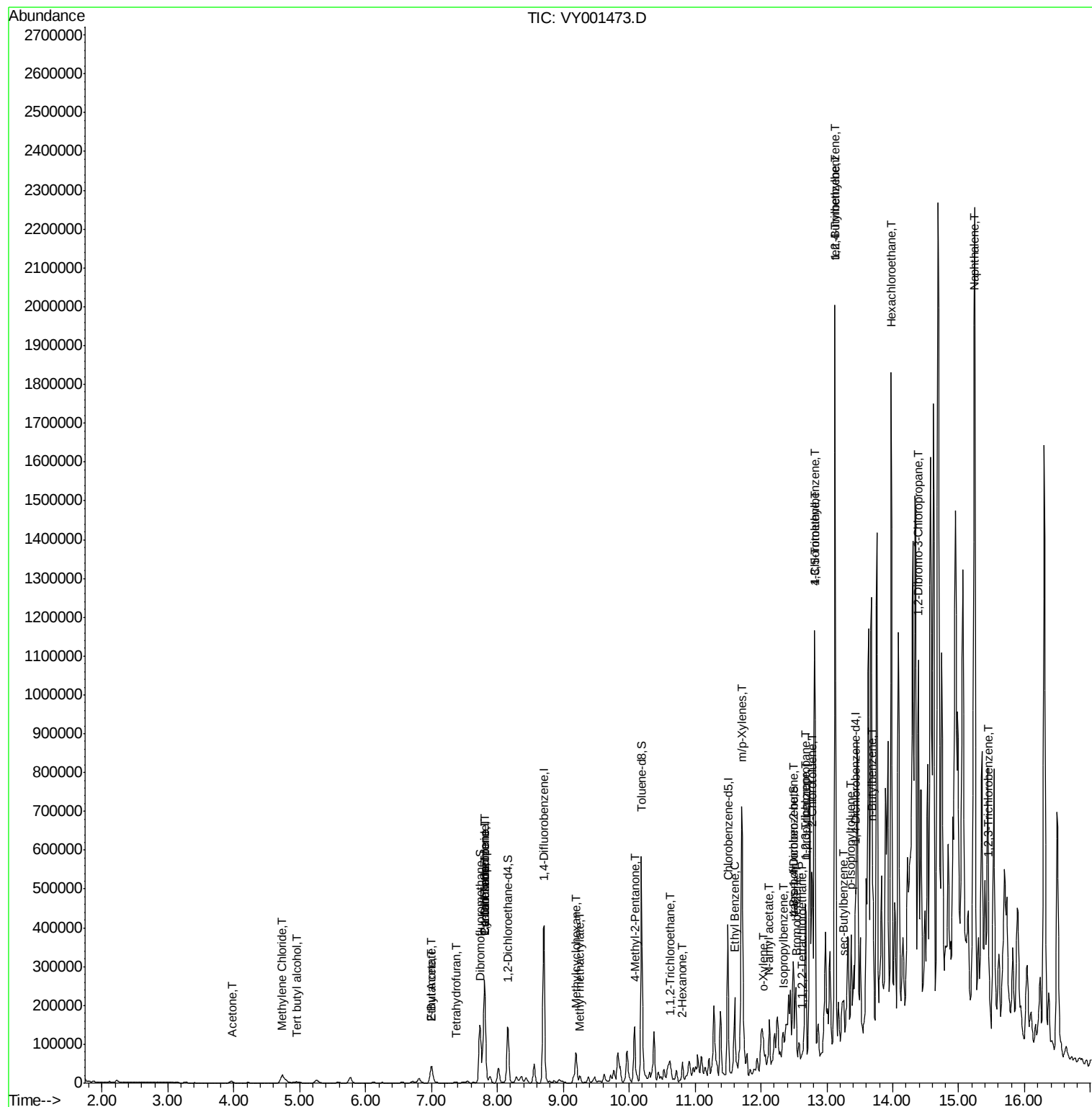
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.39	75	1820	17.466	ug/l #	12
95) Naphthalene	15.24	128	1586212	931.790	ug/l	100
96) 1,2,3-Trichlorobenzene	15.46	180	939	1.438	ug/l #	13

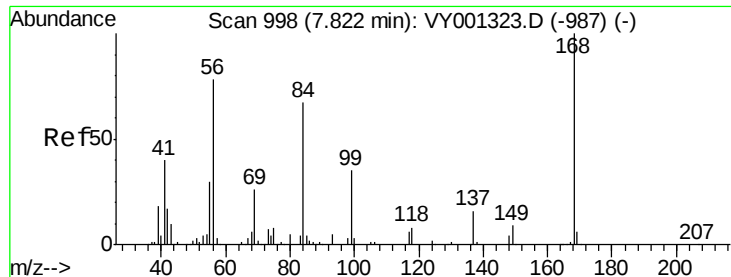
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :

MSVOA_Y

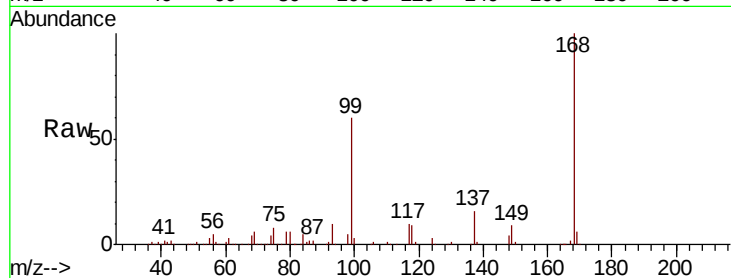
ClientSampleId :

Tot Ion:168 Resp: 194152

Ion Ratio Lower Upper

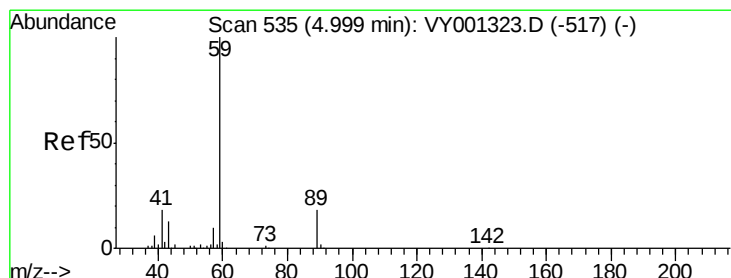
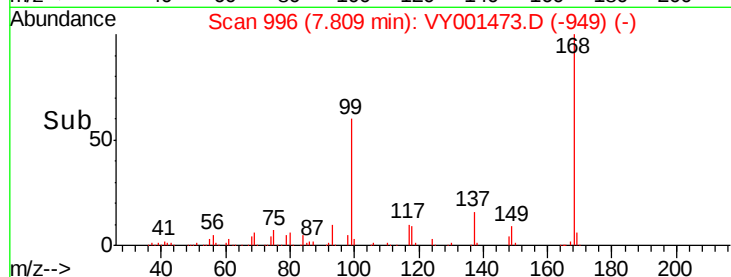
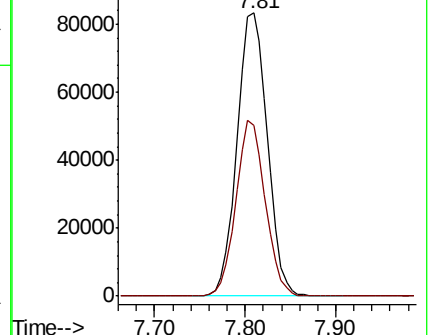
168 100

99 60.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#11

Tert butyl alcohol

Concen: 1.828 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.05 min

Lab File: VY001473.D

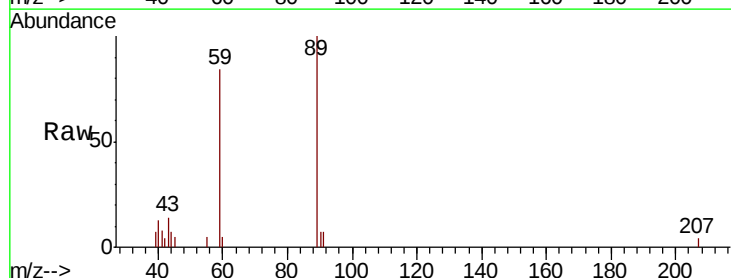
Acq: 03 Feb 2020 14:44

Tgt Ion: 59 Resp: 5598

Ion Ratio Lower Upper

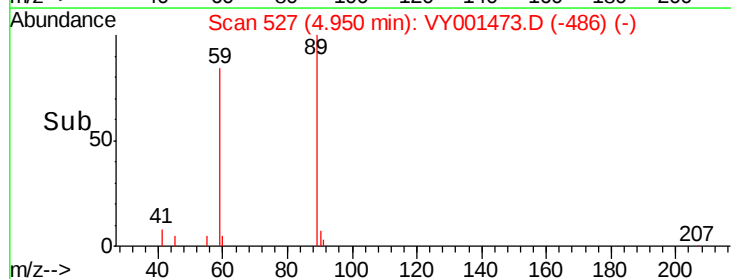
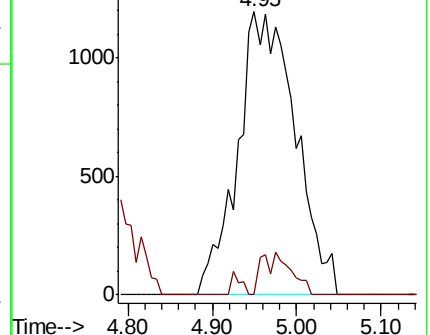
59 100

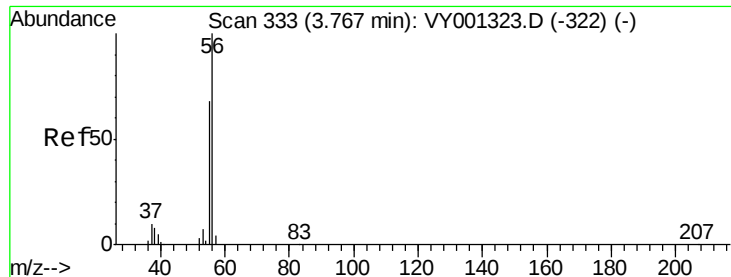
57 2.7 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001323.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY001323.D (-517) (-)





#13

Acrolein

Concen: Below Cal

RT: 3.71 min Scan# 324

Delta R.T. -0.06 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :

MSVOA_Y

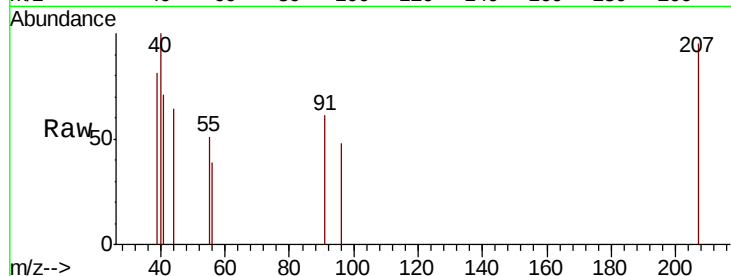
ClientSampleId :

Tot Ion: 56 Resp: 21

Ion Ratio Lower Upper

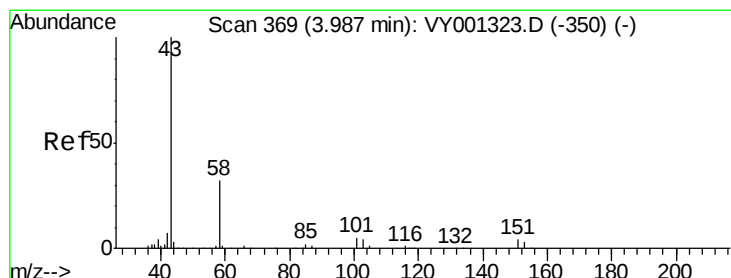
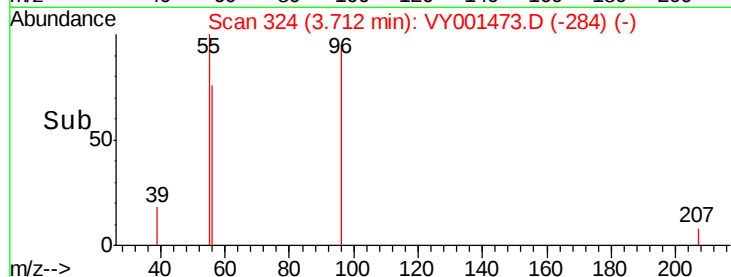
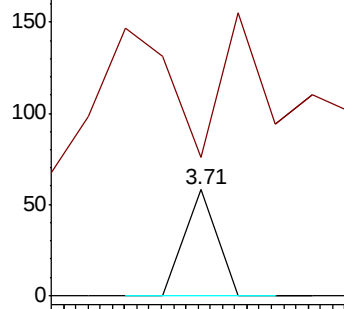
56 100

55 1214.3 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: 7.180 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.02 min

Lab File: VY001473.D

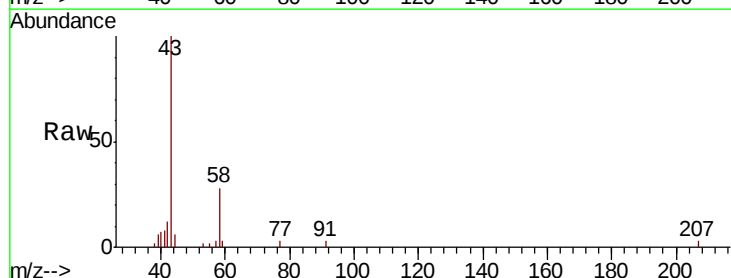
Acq: 03 Feb 2020 14:44

Tgt Ion: 43 Resp: 8093

Ion Ratio Lower Upper

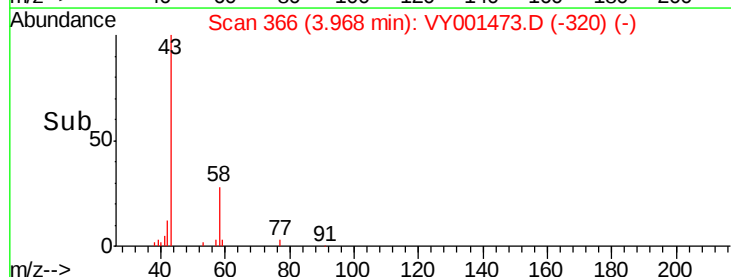
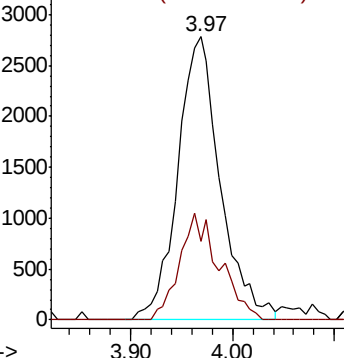
43 100

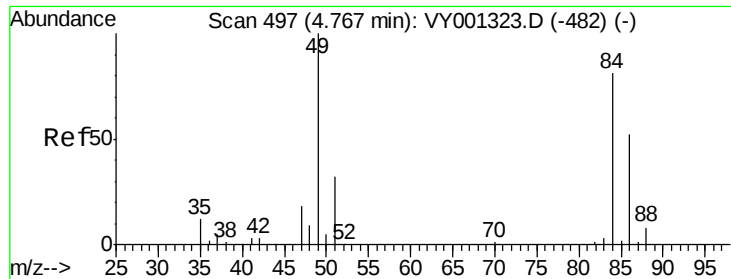
58 27.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

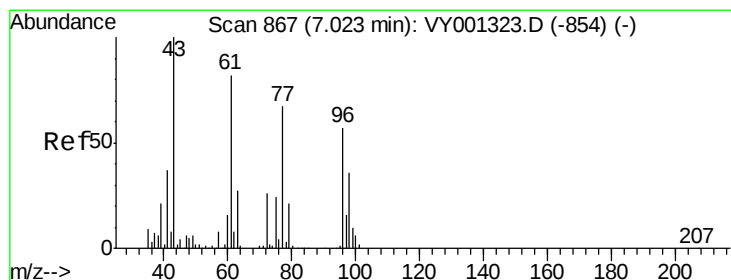
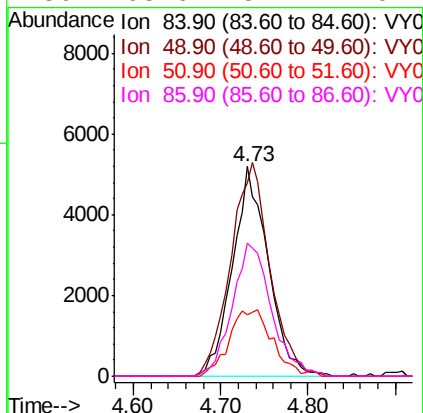
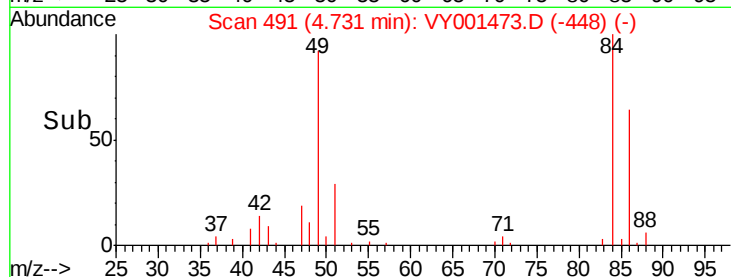
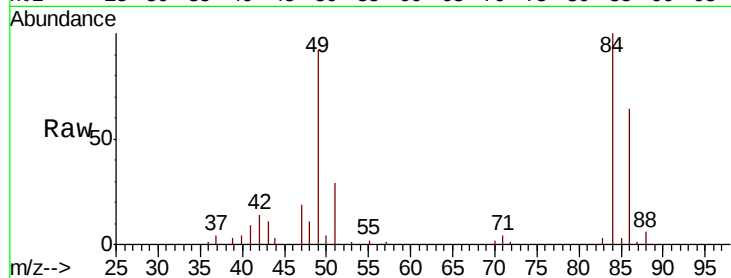




#20
Methvlene Chloride
Concen: 1.534 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.04 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

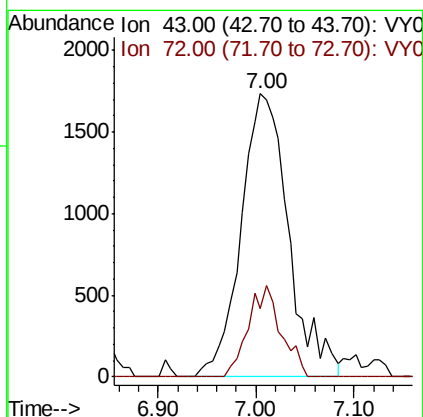
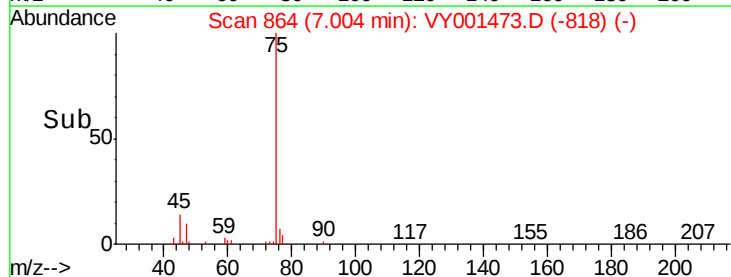
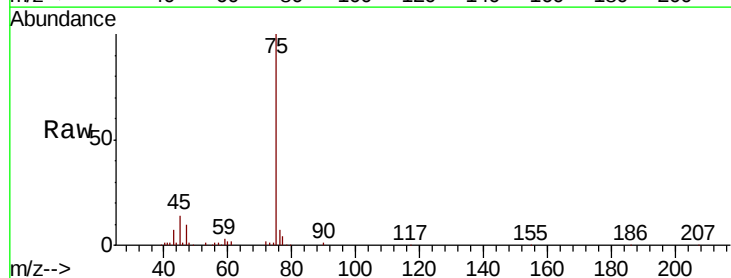
Instrument :
MSVOA_Y
ClientSampleId :

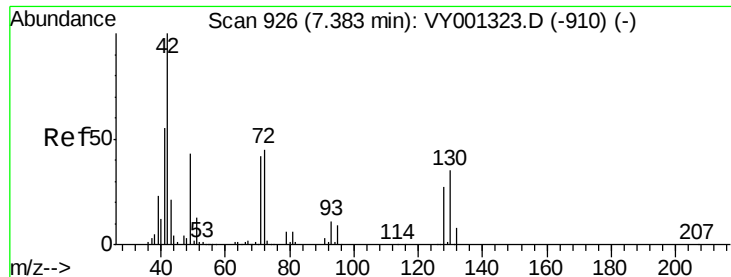
Tot Ion: 84 Resp: 14719
Ion Ratio Lower Upper
84 100
49 92.3 98.3 147.5#
51 29.5 31.6 47.4#
86 63.6 51.1 76.7



#25
2-Butanone
Concen: 6.356 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.02 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

Tgt Ion: 43 Resp: 5845
Ion Ratio Lower Upper
43 100
72 24.0 20.6 31.0

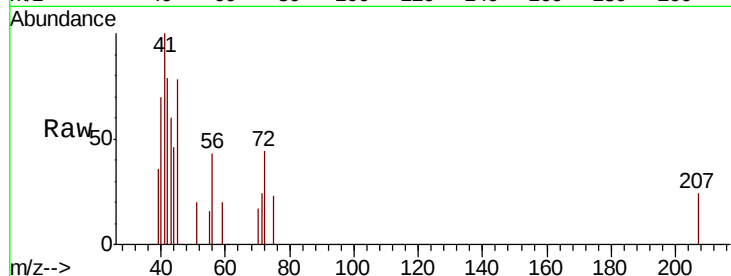




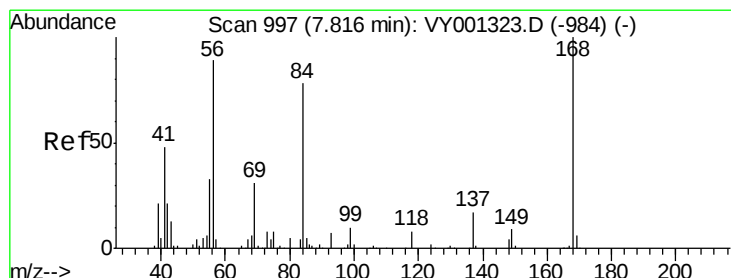
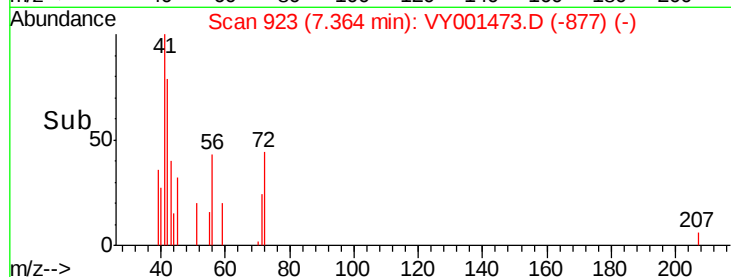
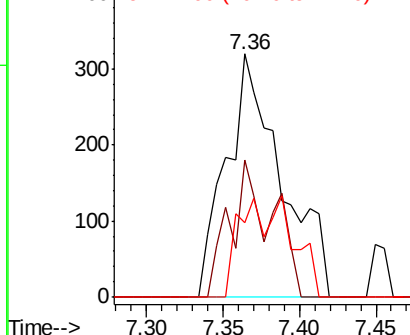
#29
Tetrahydrofuran
Concen: 1.342 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.02 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 803
Ion Ratio Lower Upper
42 100
72 29.0 34.6 51.8#
71 18.9 32.6 48.8#

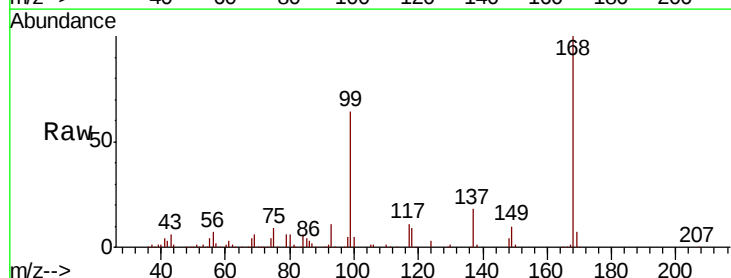


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

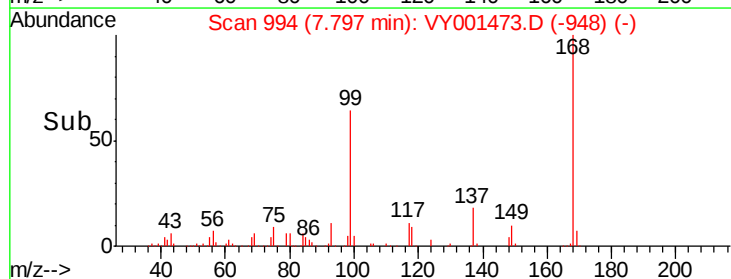
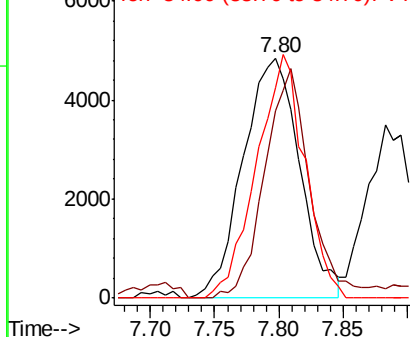


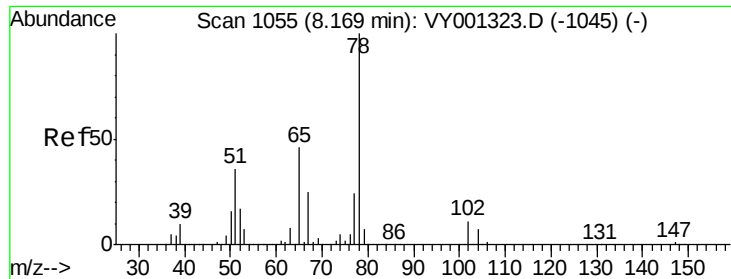
#31
Cyclohexane
Concen: 3.628 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.02 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

Tgt Ion: 56 Resp: 14821
Ion Ratio Lower Upper
56 100
69 78.3 27.6 41.4#
84 87.9 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: 53.141 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :

MSVOA_Y

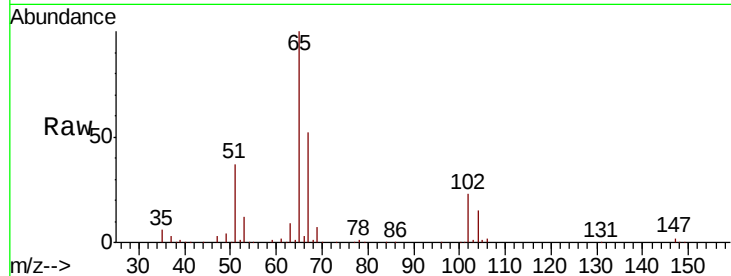
ClientSampleId :

Tot Ion: 65 Resp: 112267

Ion Ratio Lower Upper

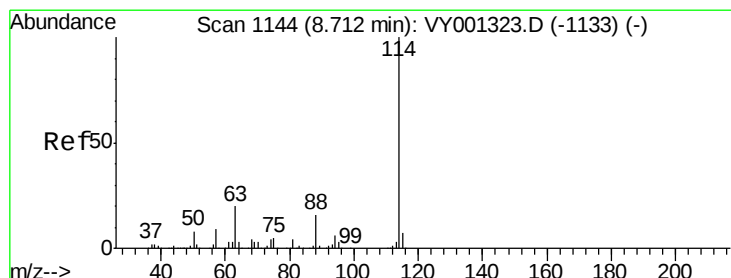
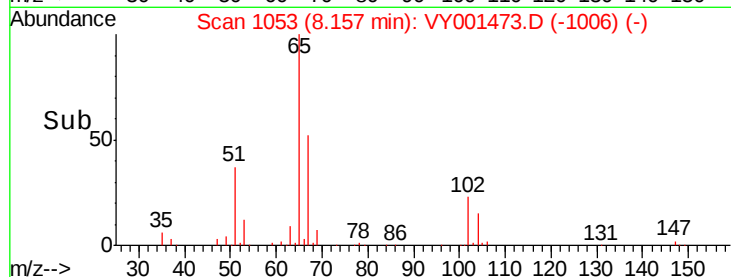
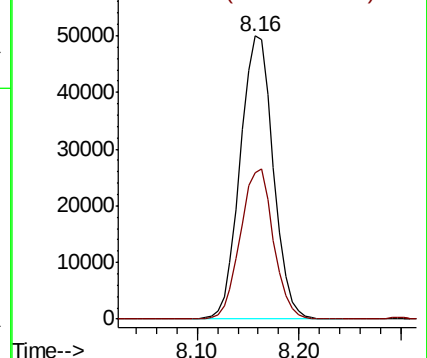
65 100

67 53.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

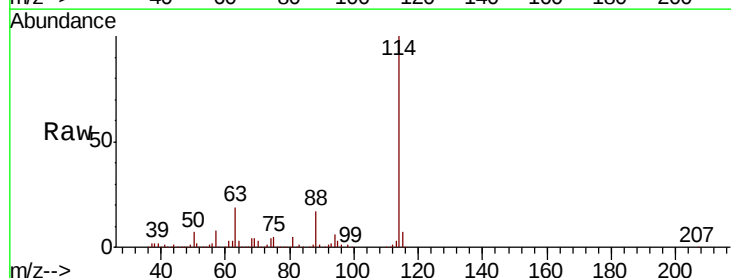
Tgt Ion: 114 Resp: 346525

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.8

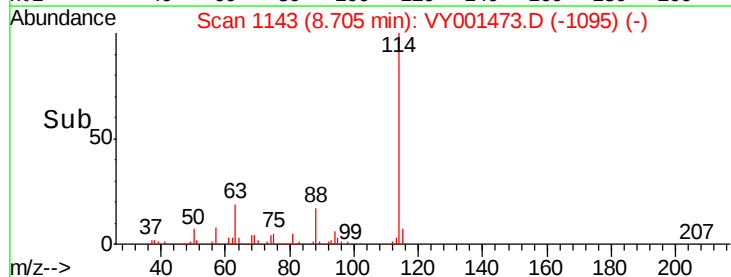
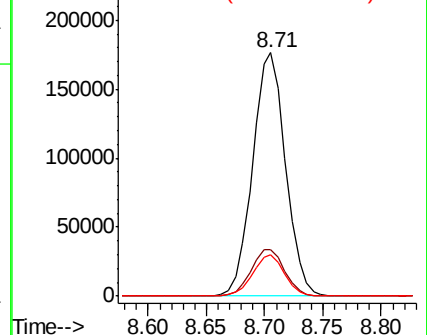
88 16.7 0.0 31.0

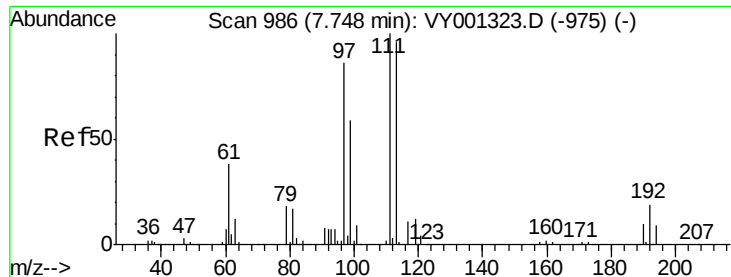


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

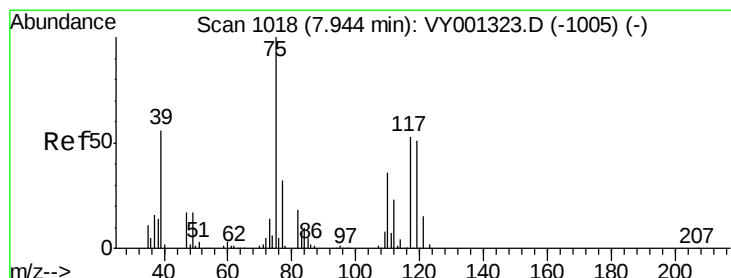
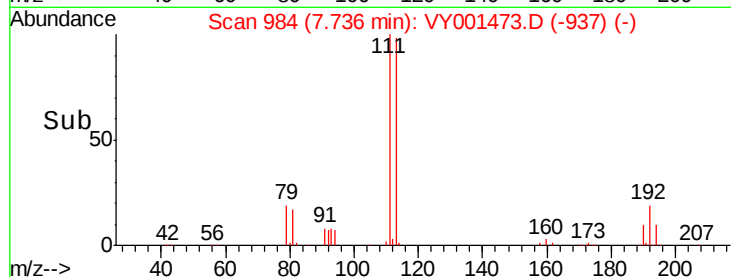
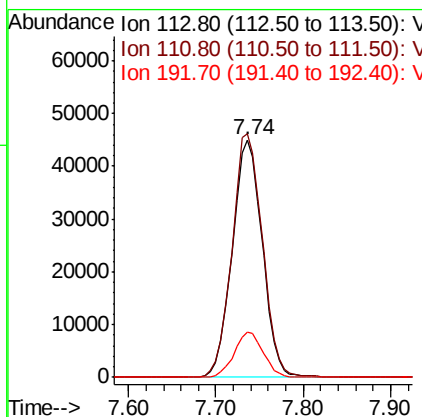
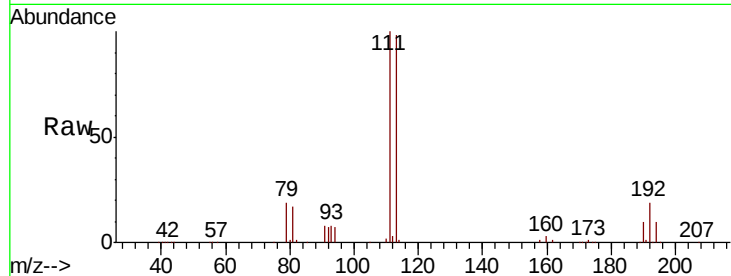




#35
 Dibromofluoromethane
 Concen: 52.742 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001473.D
 Acq: 03 Feb 2020 14:44

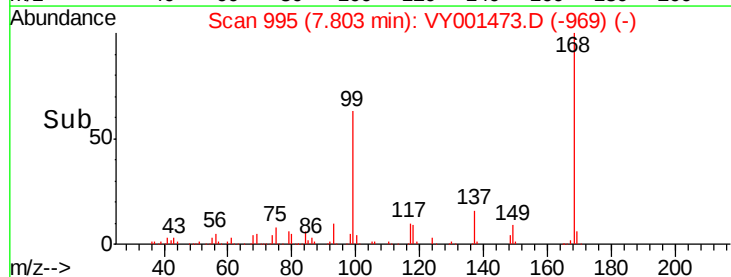
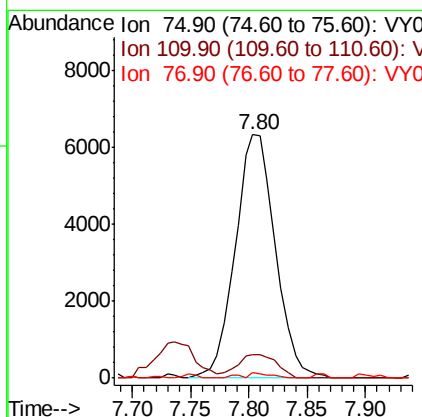
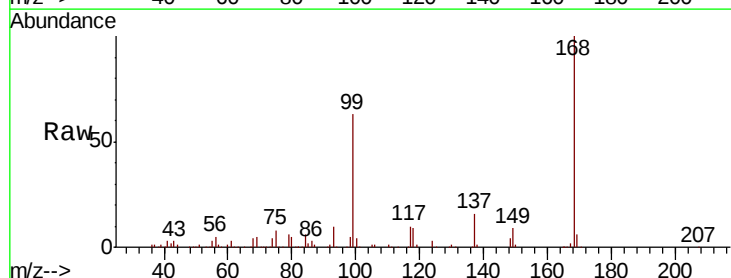
Instrument :
 MSVOA_Y
 ClientSampleId :

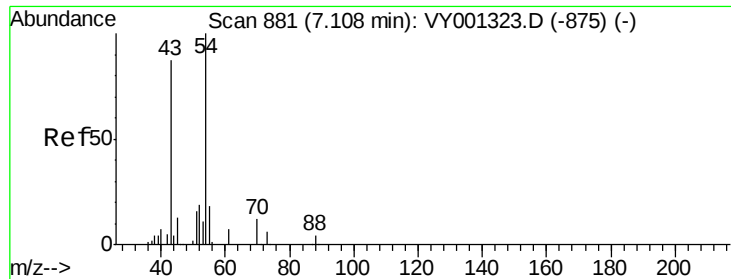
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.8	124.2
192	18.4	15.5	23.3



#36
 1,1-Dichloropropene
 Concen: 4.615 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001473.D
 Acq: 03 Feb 2020 14:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.6	52.8#
77	1.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 2.922 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.10 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :
MSVOA_Y
ClientSampleId :

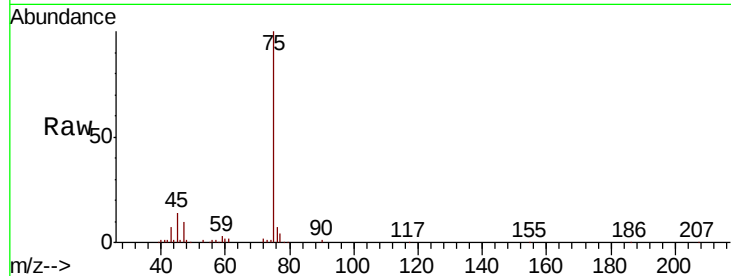
Tot Ion: 43 Resp: 5845

Ion Ratio Lower Upper

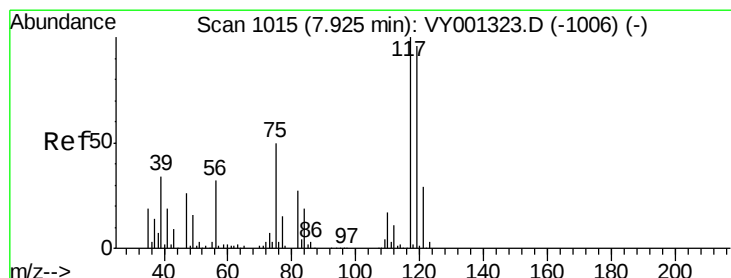
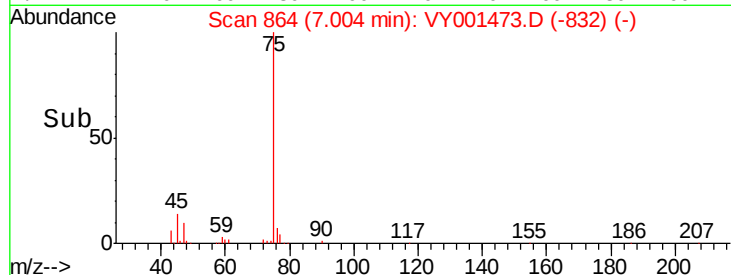
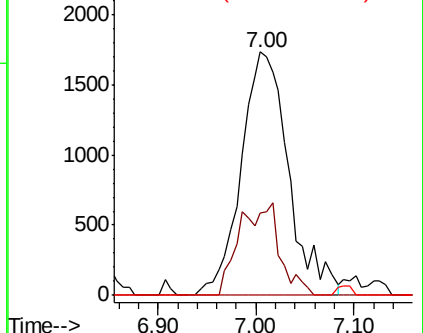
43 100

61 15.2 11.3 16.9

70 0.0 8.7 13.1#



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: 6.926 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

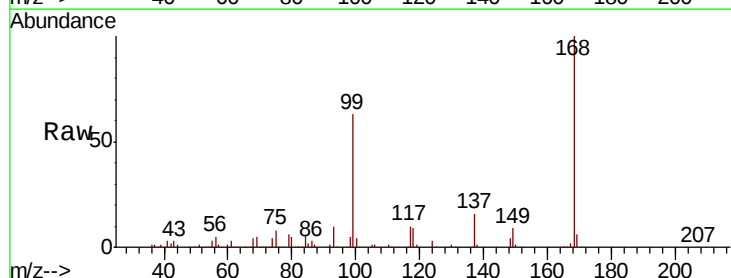
Tgt Ion: 117 Resp: 20207

Ion Ratio Lower Upper

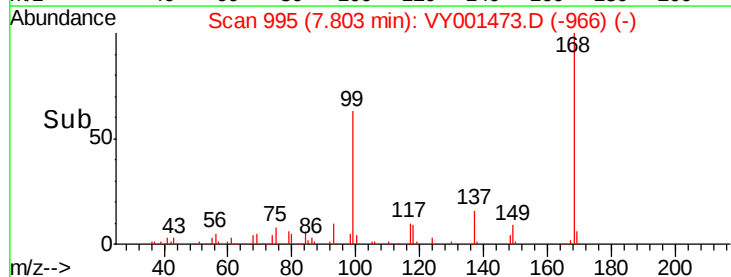
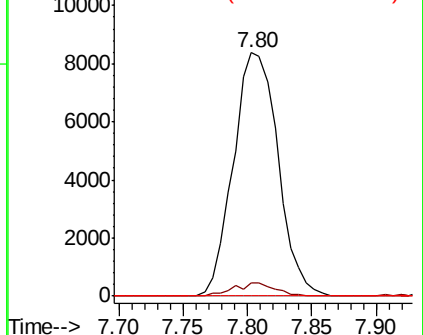
117 100

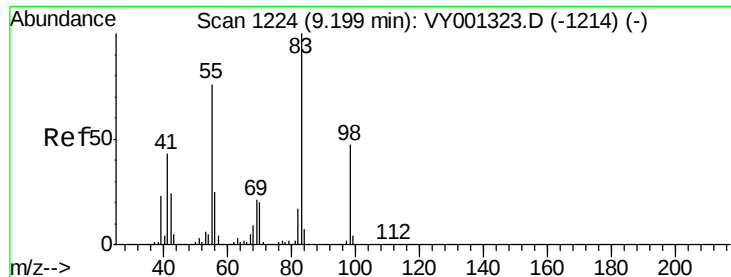
119 5.3 76.3 114.5#

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

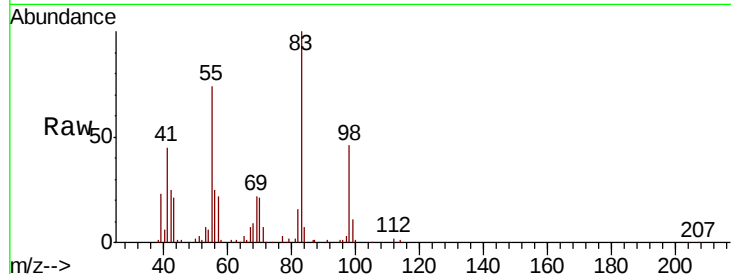




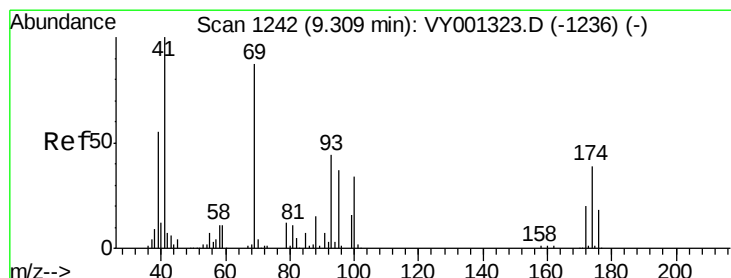
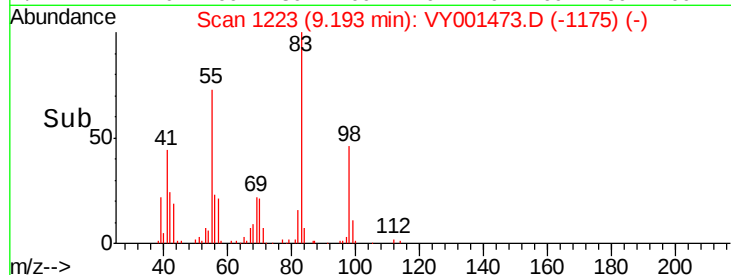
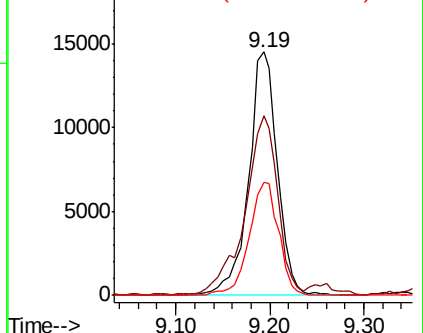
#39
Methylcyclohexane
Concen: 7.437 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 31192
Ion Ratio Lower Upper
83 100
55 73.2 60.7 91.1
98 46.4 37.8 56.8

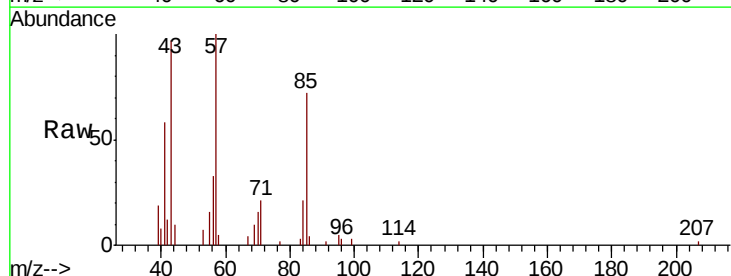


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

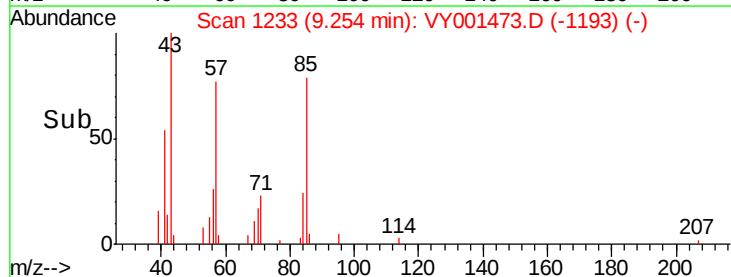
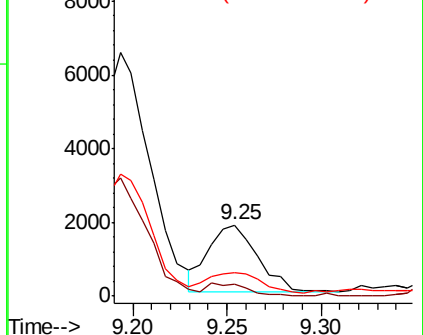


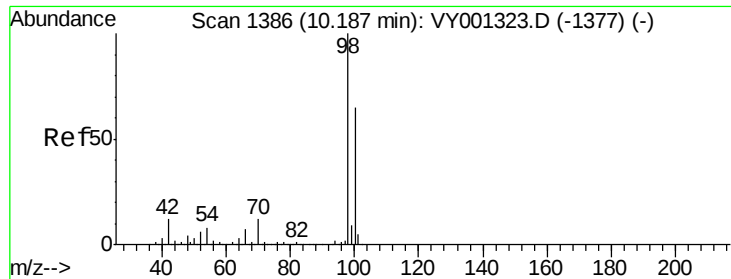
#48
Methyl methacrylate
Concen: 1.867 ug/l
RT: 9.25 min Scan# 1233
Delta R.T. -0.06 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

Tgt Ion: 41 Resp: 3301
Ion Ratio Lower Upper
41 100
69 15.3 70.2 105.4#
39 33.6 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: 42.751 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :

MSVOA_Y

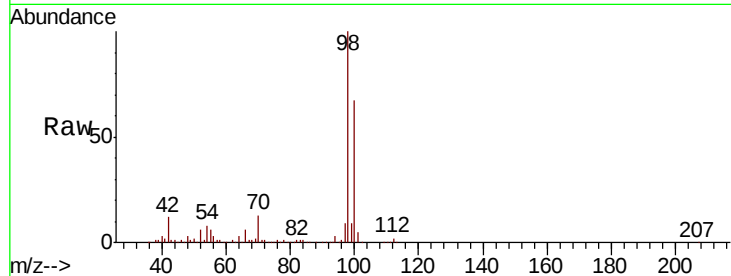
ClientSampleId :

Tot Ion: 98 Resp: 337806

Ion Ratio Lower Upper

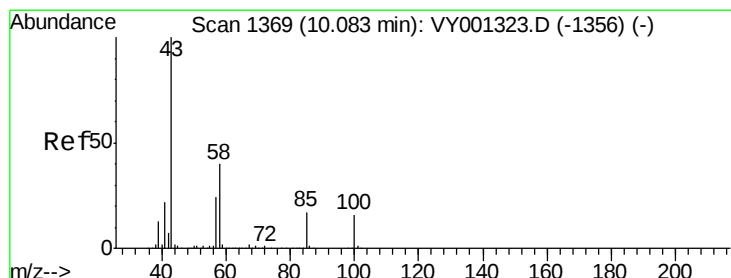
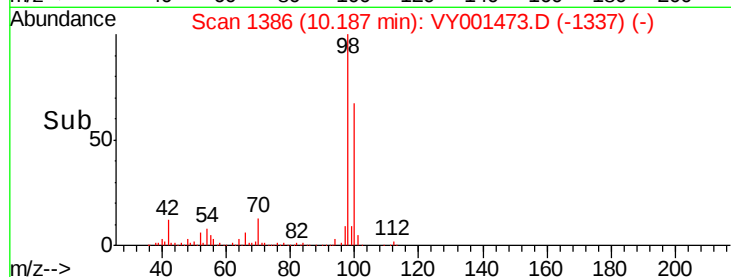
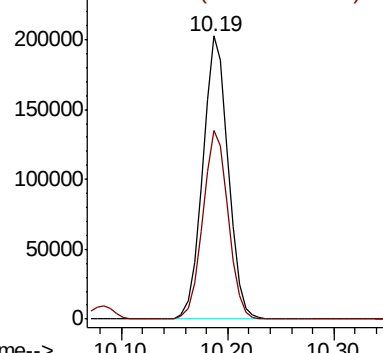
98 100

100 66.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#51

4-Methyl-2-Pentanone

Concen: 44.775 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001473.D

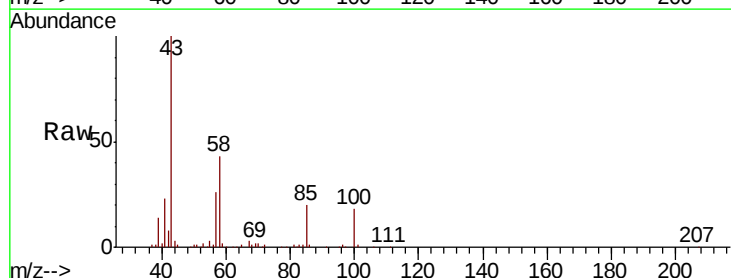
Acq: 03 Feb 2020 14:44

Tgt Ion: 43 Resp: 89682

Ion Ratio Lower Upper

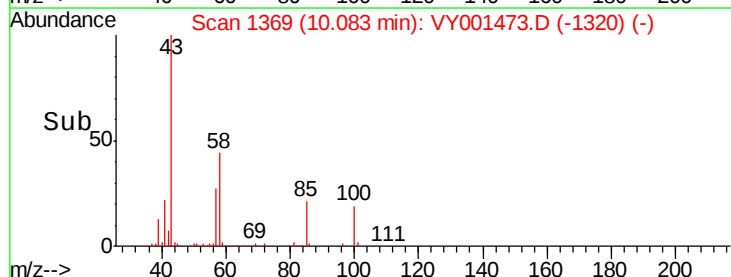
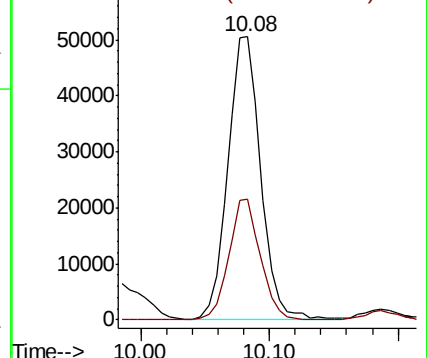
43 100

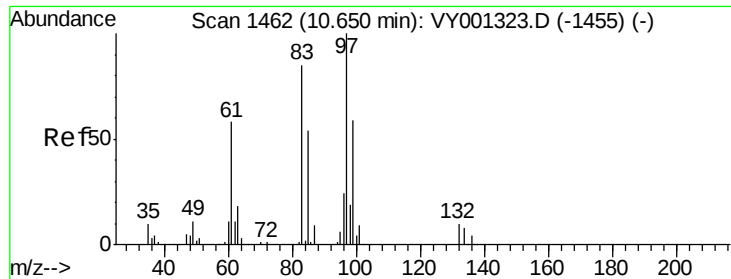
58 41.2 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

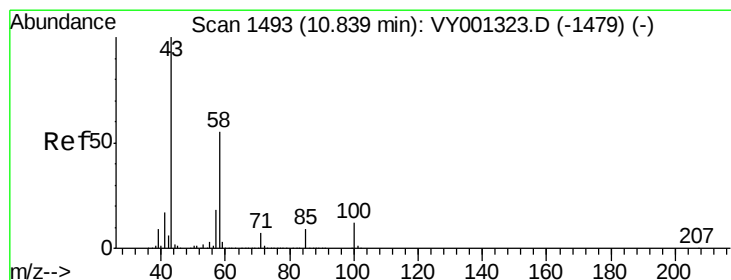
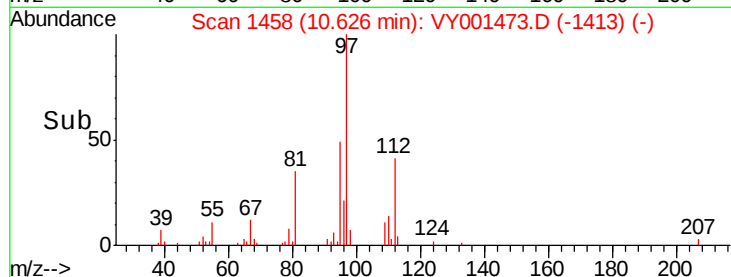
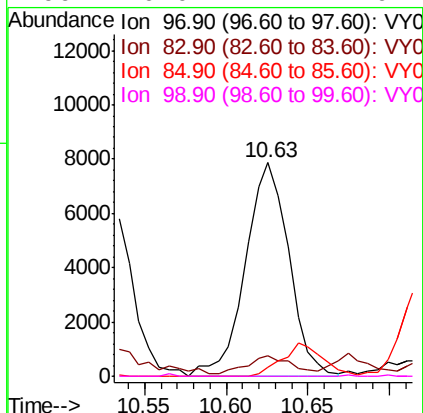
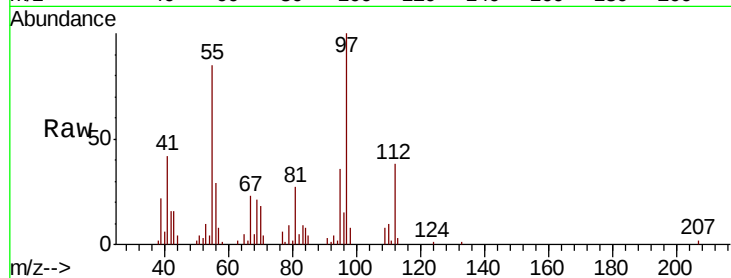




#55
 1,1,2-Trichloroethane
 Concen: 7.444 ug/l
 RT: 10.63 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: VY001473.D
 Acq: 03 Feb 2020 14:44

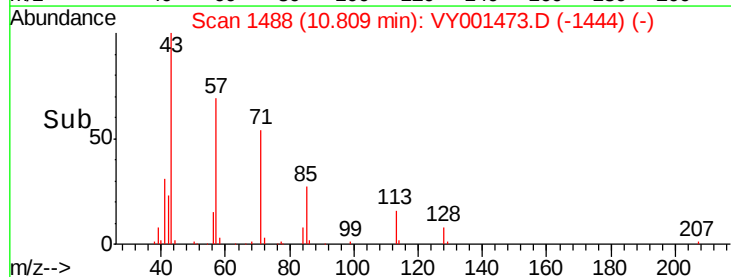
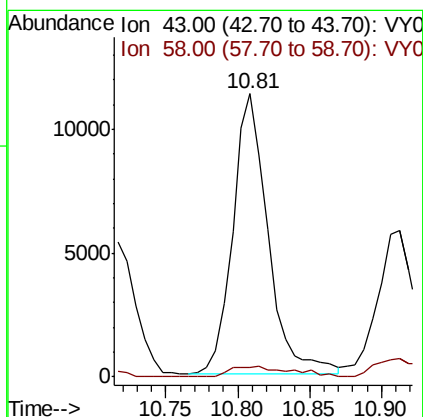
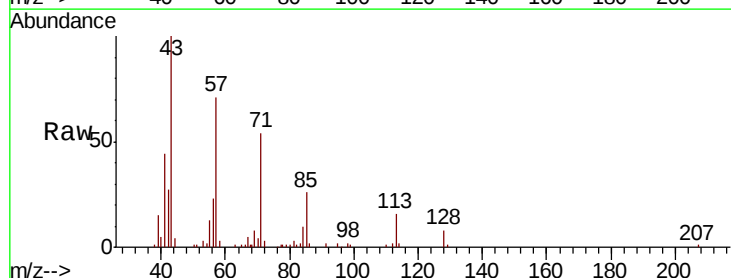
Instrument :
 MSVOA_Y
 ClientSampleId :

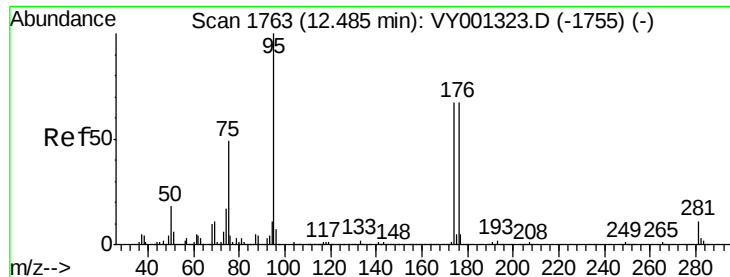
Tot Ion: 97 Resp: 14638
 Ion Ratio Lower Upper
 97 100
 83 7.0 68.0 102.0#
 85 4.3 43.6 65.4#
 99 0.0 47.1 70.7#



#59
 2-Hexanone
 Concen: 13.748 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. -0.03 min
 Lab File: VY001473.D
 Acq: 03 Feb 2020 14:44

Tgt Ion: 43 Resp: 19170
 Ion Ratio Lower Upper
 43 100
 58 4.9 27.6 82.8#

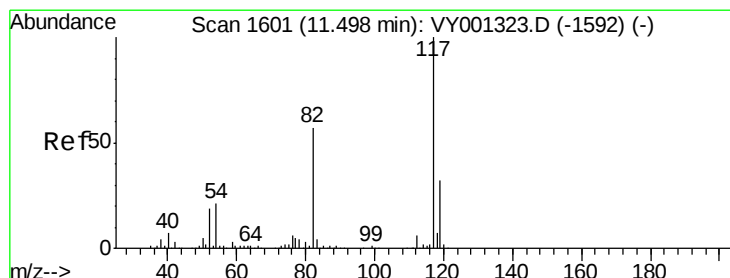
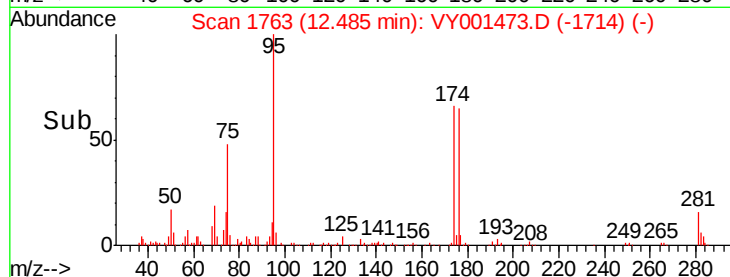
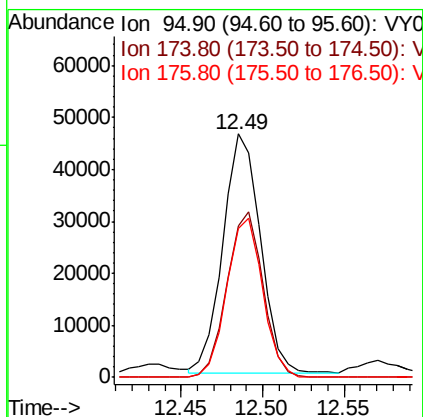
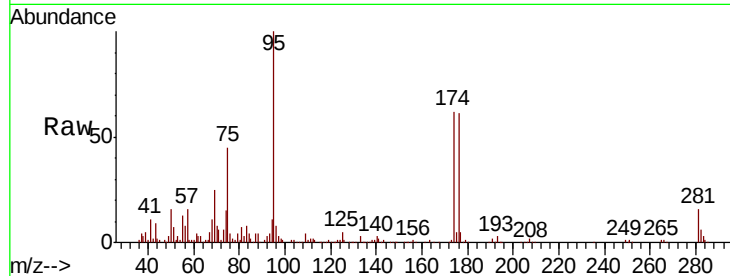




#62
4-Bromofluorobenzene
Concen: 23.640 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

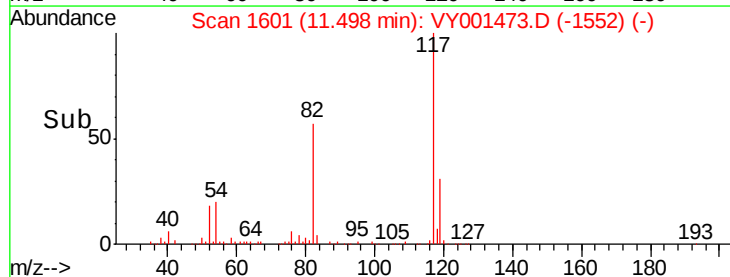
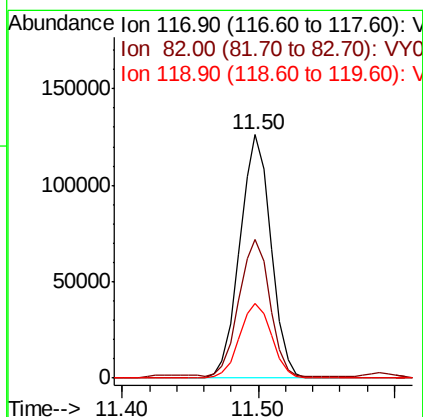
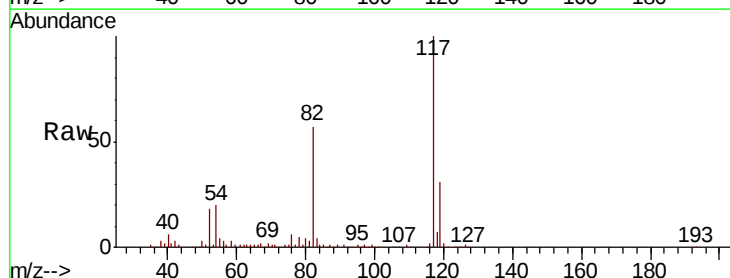
Instrument :
MSVOA_Y
ClientSampleId :

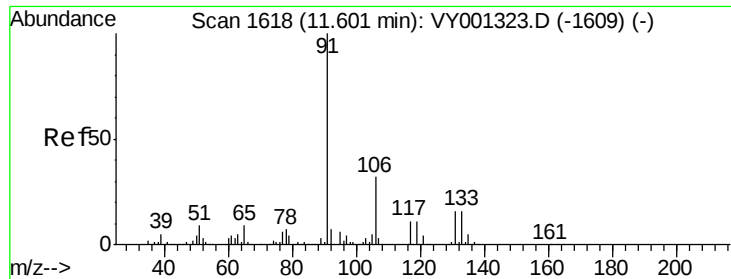
Tot Ion: 95 Resp: 74387
Ion Ratio Lower Upper
95 100
174 65.6 0.0 142.0
176 62.9 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

Tgt Ion: 117 Resp: 201487
Ion Ratio Lower Upper
117 100
82 56.2 45.5 68.3
119 30.8 25.8 38.6

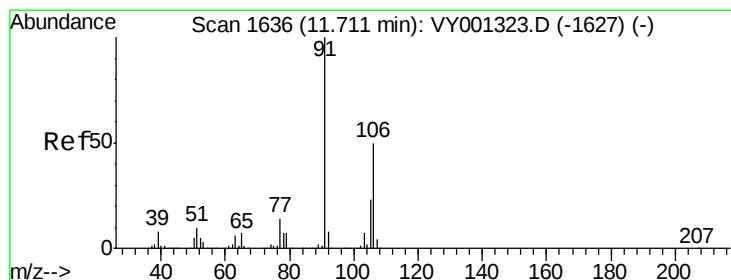
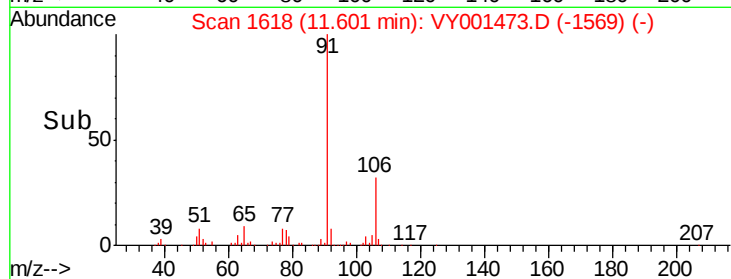
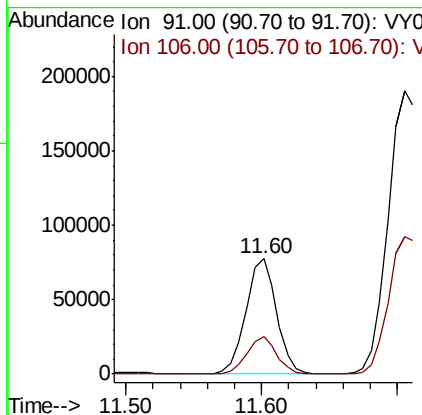
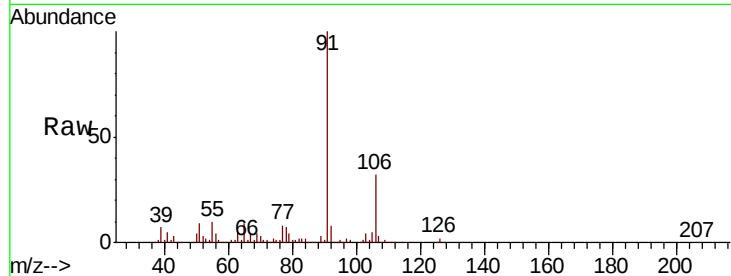




#67
Ethyl Benzene
Concen: 15.439 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

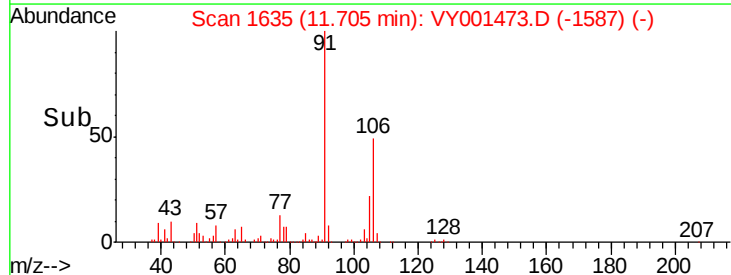
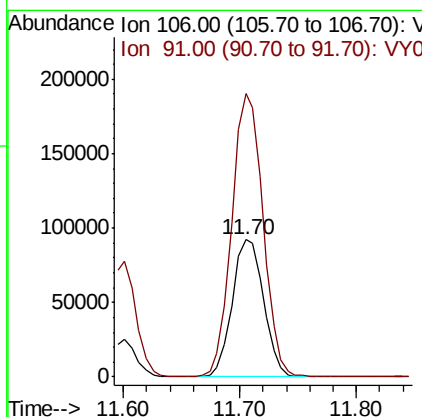
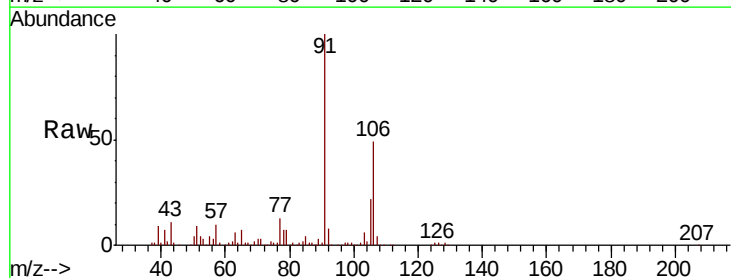
Instrument :
MSVOA_Y
ClientSampleId :

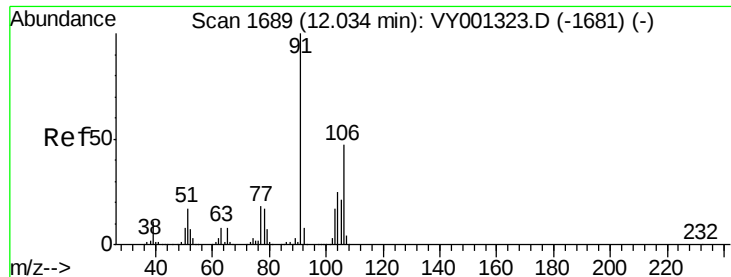
Tot Ion: 91 Resp: 120837
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.0



#68
m/p-Xylenes
Concen: 59.061 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

Tgt Ion: 106 Resp: 172650
Ion Ratio Lower Upper
106 100
91 204.6 162.8 244.2

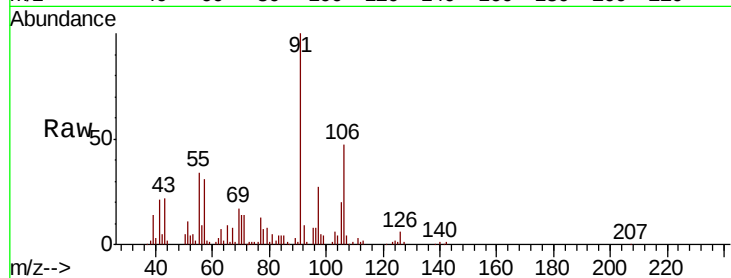




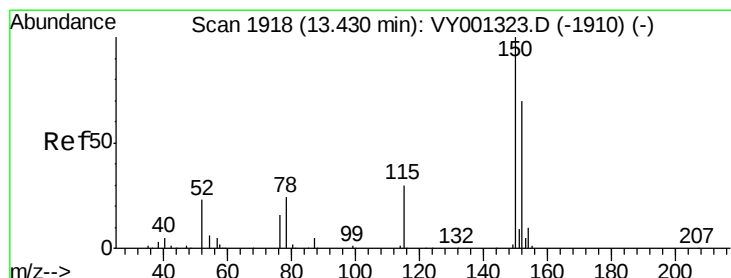
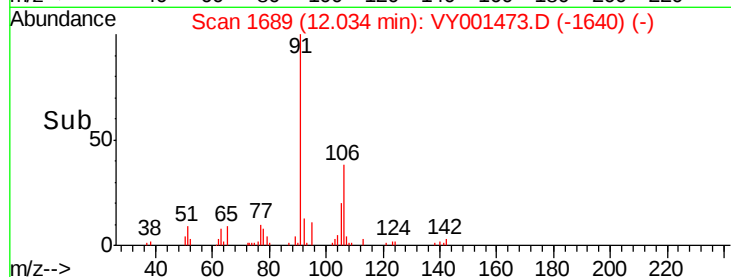
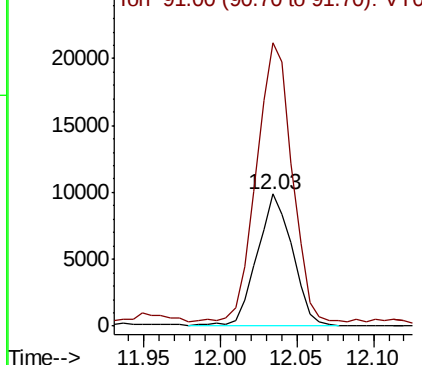
#69
o-Xylene
Concen: 5.684 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 15984
Ion Ratio Lower Upper
106 100
91 211.5 106.3 319.0

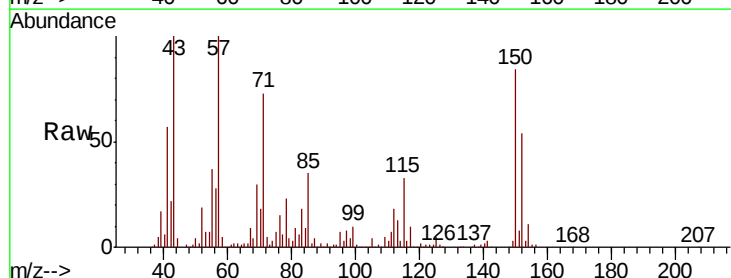


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

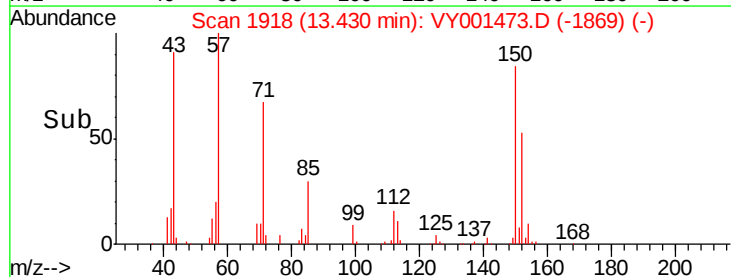
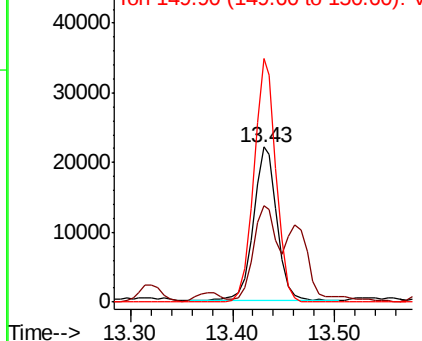


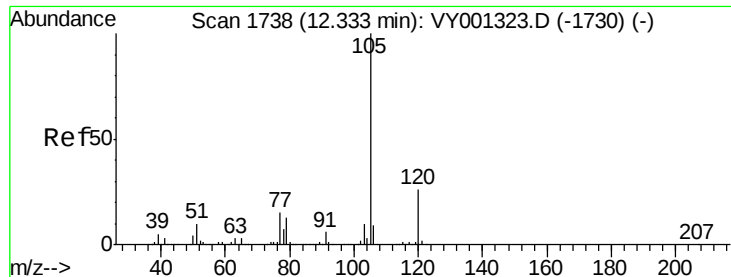
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

Tgt Ion:152 Resp: 35733
Ion Ratio Lower Upper
152 100
115 61.2 30.9 92.8
150 148.2 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: 15.781 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :

MSVOA_Y

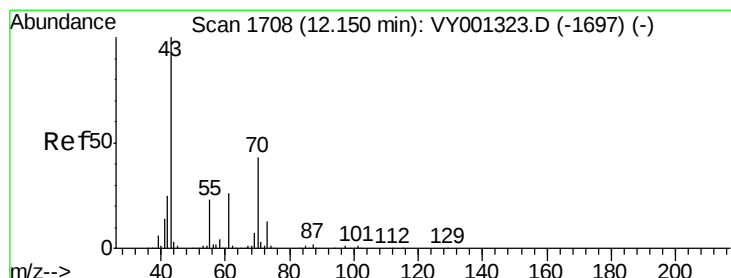
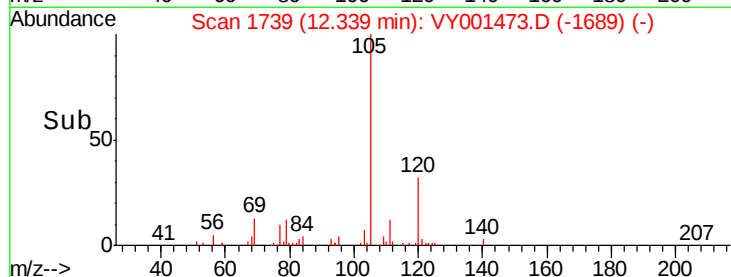
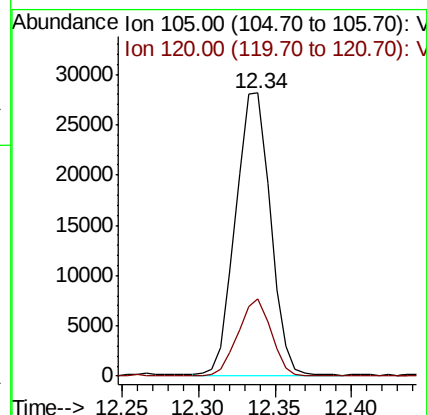
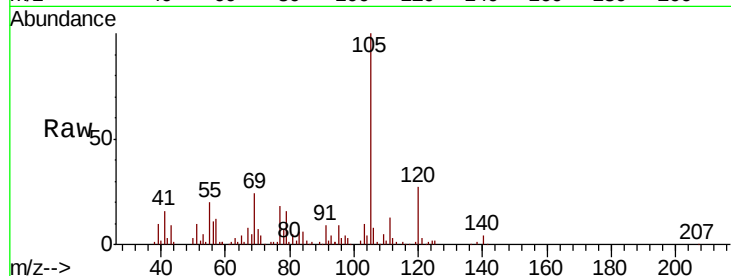
ClientSampleId :

Tot Ion:105 Resp: 44496

Ion Ratio Lower Upper

105 100

120 25.9 13.5 40.4



#74

N-ethyl acetate

Concen: 37.249 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.02 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Tgt Ion: 43 Resp: 34379

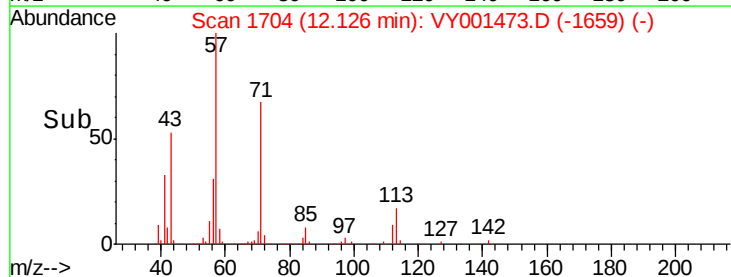
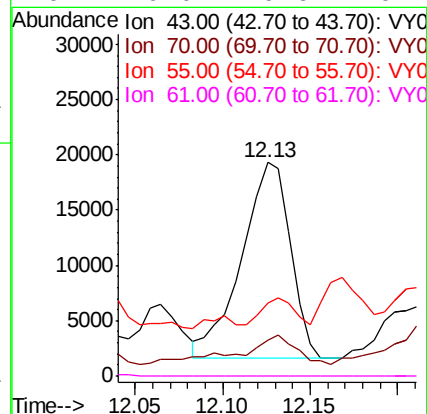
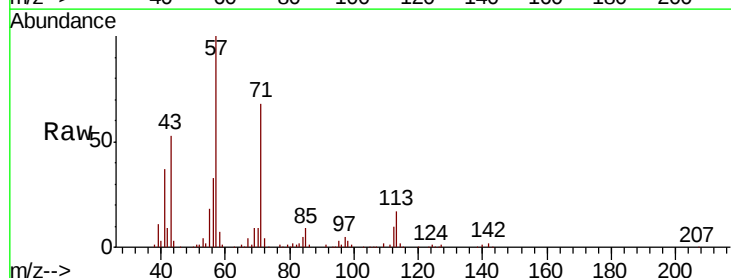
Ion Ratio Lower Upper

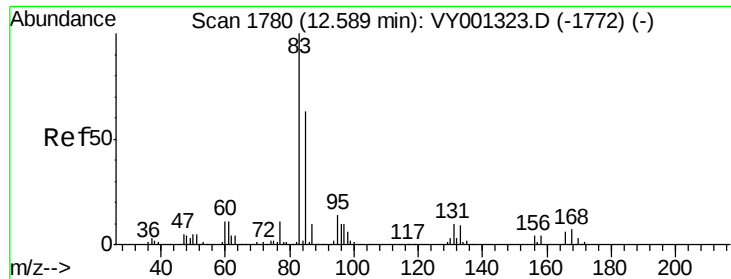
43 100

70 10.8 33.5 50.3#

55 8.4 18.2 27.2#

61 0.0 19.6 29.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.525 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.03 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :

MSVOA_Y

ClientSampled :

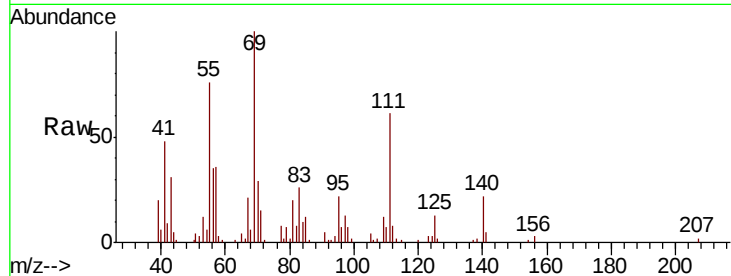
Tot Ion: 83 Resp: 921

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

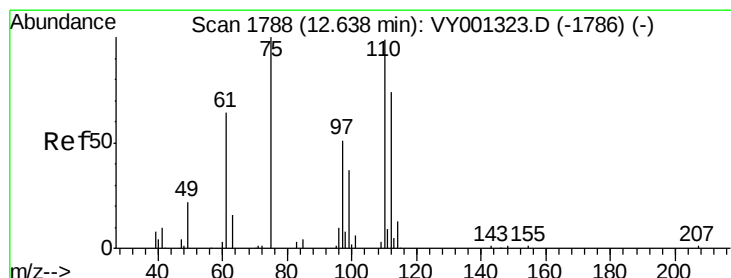
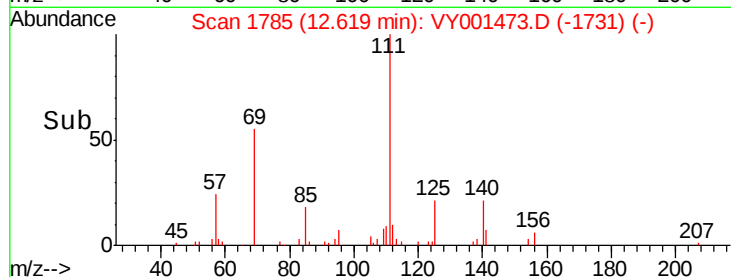
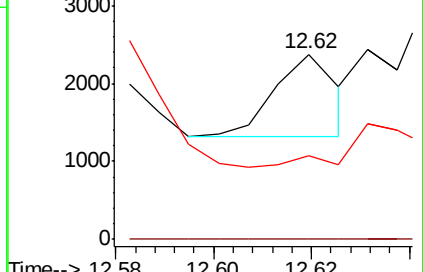
85 0.0 31.4 94.3#



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 4.543 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.04 min

Lab File: VY001473.D

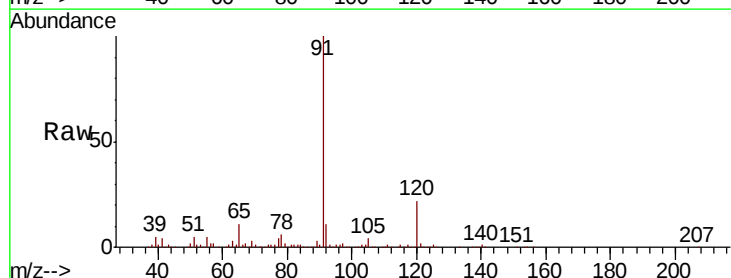
Acq: 03 Feb 2020 14:44

Tgt Ion: 75 Resp: 1956

Ion Ratio Lower Upper

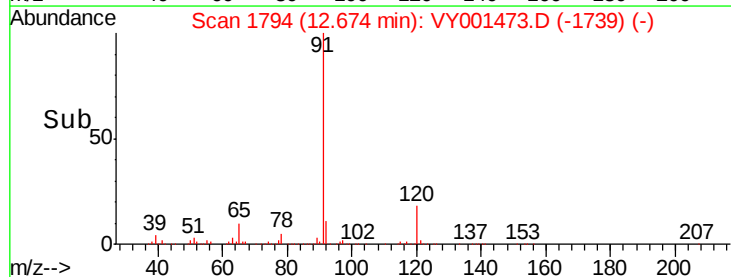
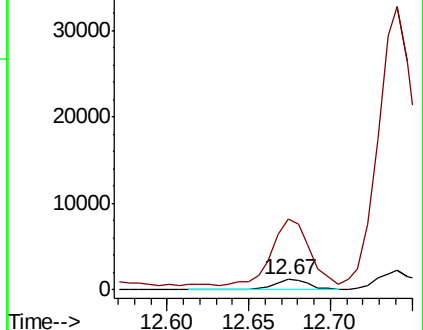
75 100

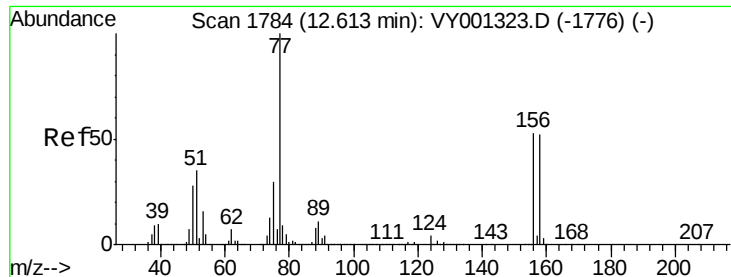
77 638.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 1.114 ug/l

RT: 12.54 min Scan# 1772

Delta R.T. -0.07 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :

MSVOA_Y

ClientSampleId :

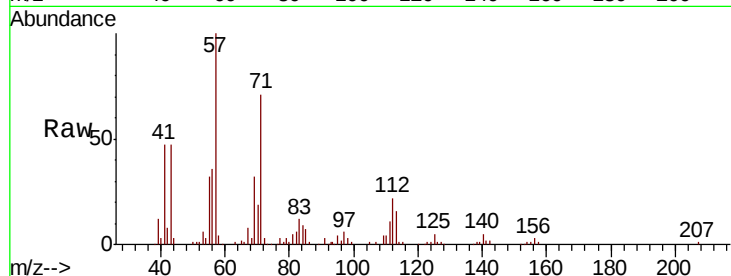
Tot Ion:156 Resp: 696

Ion Ratio Lower Upper

156 100

77 0.0 104.7 313.9#

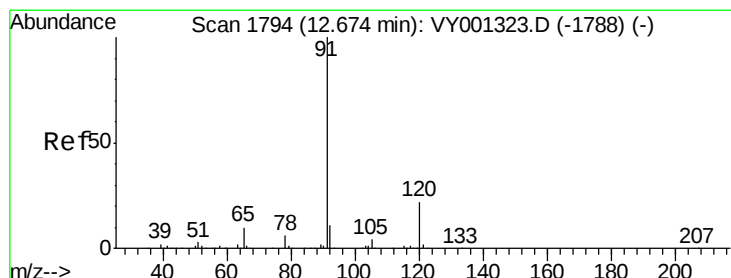
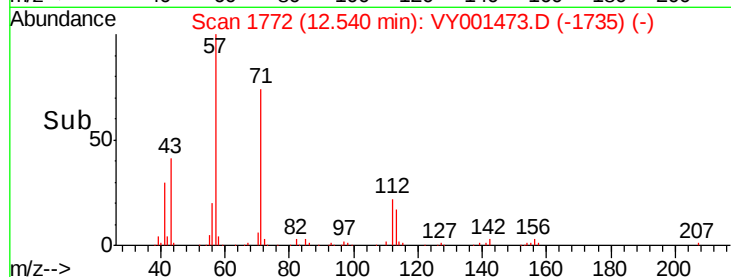
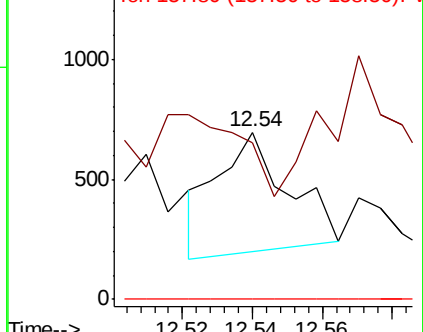
158 0.0 48.6 145.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 89.102 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001473.D

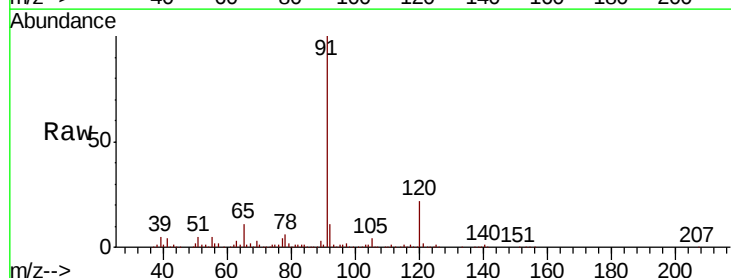
Acq: 03 Feb 2020 14:44

Tgt Ion: 91 Resp: 302398

Ion Ratio Lower Upper

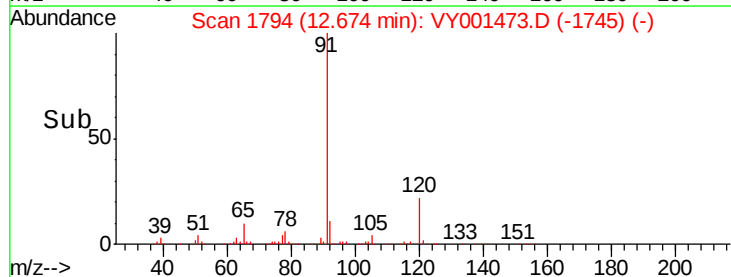
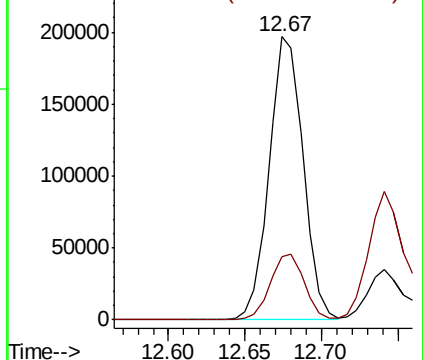
91 100

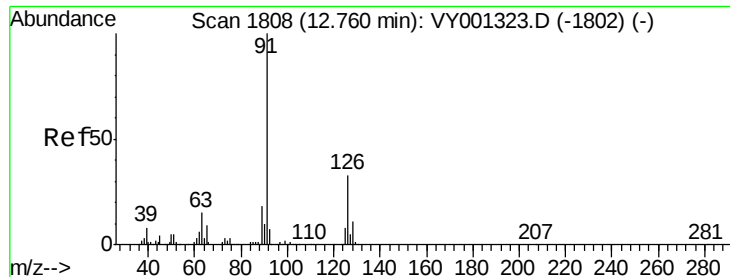
120 23.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

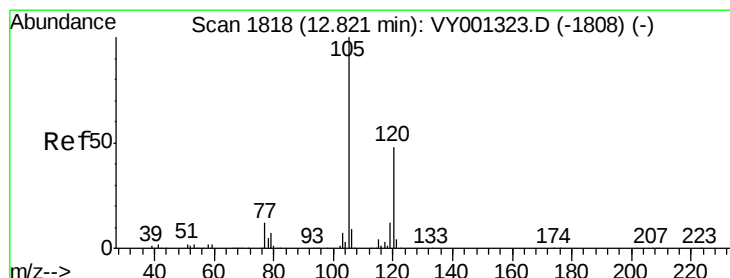
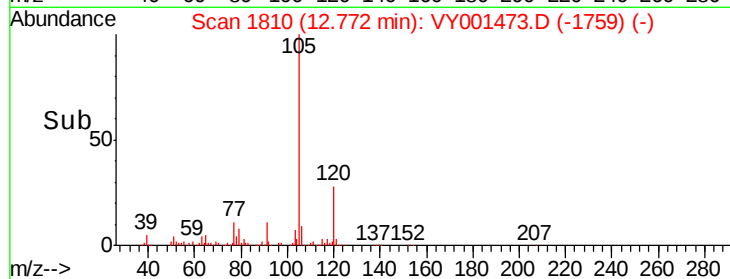
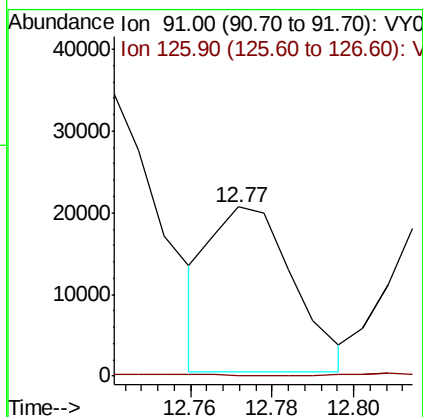
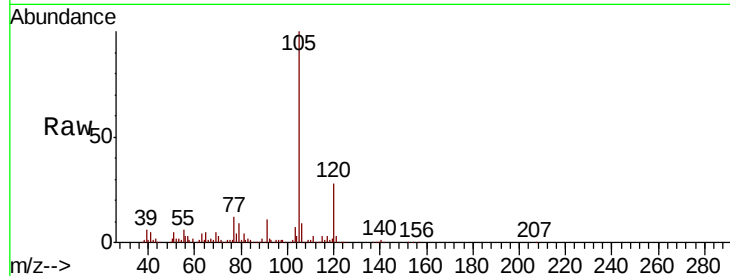




#79
 2-Chlorotoluene
 Concen: 14.753 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001473.D
 Acq: 03 Feb 2020 14:44

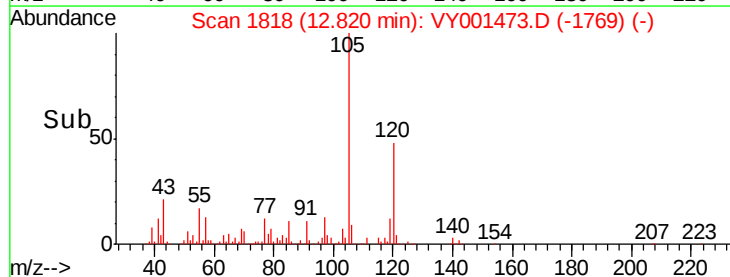
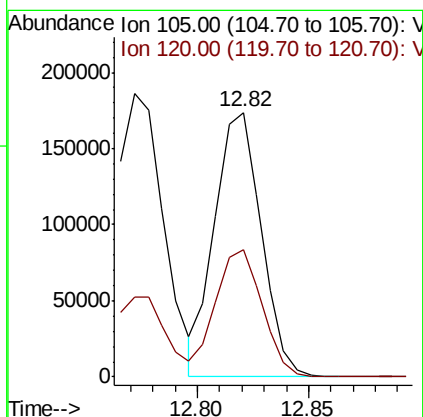
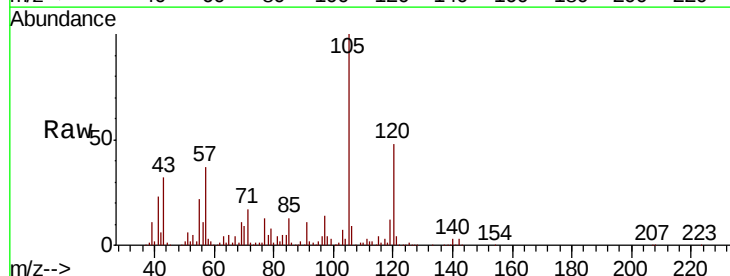
Instrument :
 MSVOA_Y
 ClientSampleId :

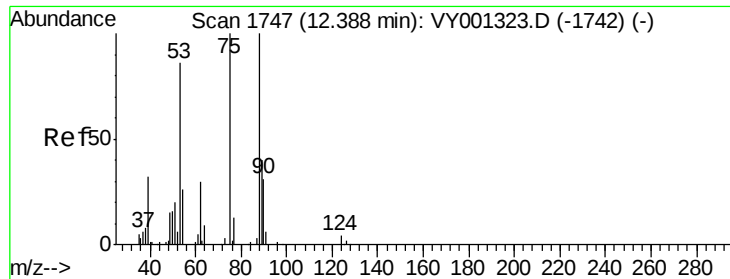
Tot Ion: 91 Resp: 28604
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 106.875 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001473.D
 Acq: 03 Feb 2020 14:44

Tgt Ion: 105 Resp: 251542
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 145.512 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :

MSVOA_Y

ClientSampled :

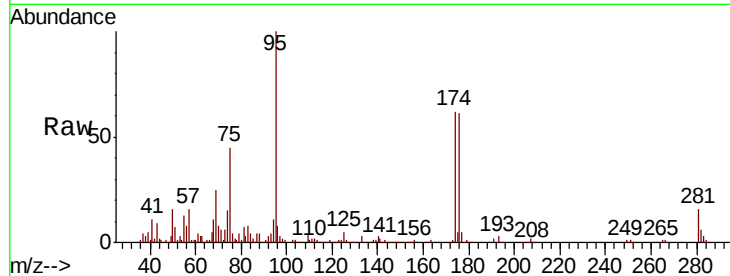
Tot Ion: 75 Resp: 33109

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

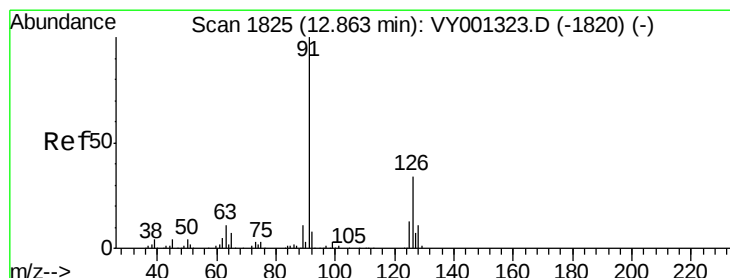
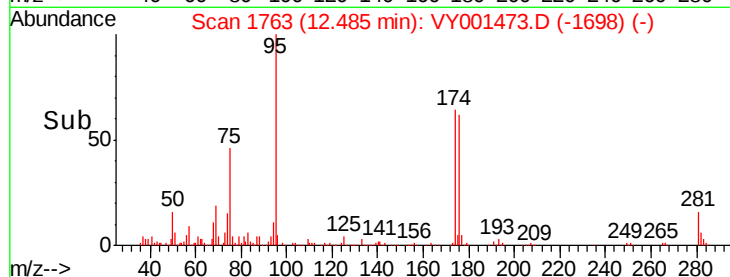
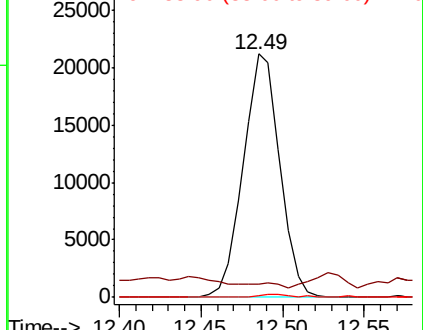
89 1.0 36.6 54.8#



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: 12.794 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.04 min

Lab File: VY001473.D

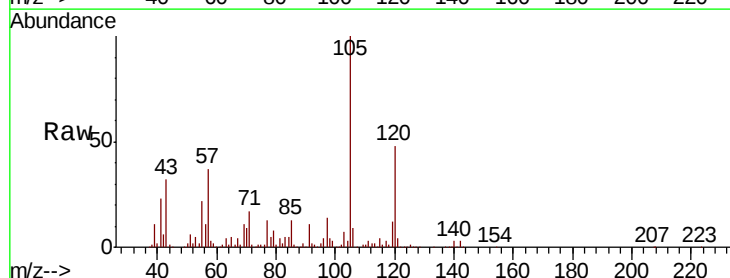
Acq: 03 Feb 2020 14:44

Tgt Ion: 91 Resp: 26496

Ion Ratio Lower Upper

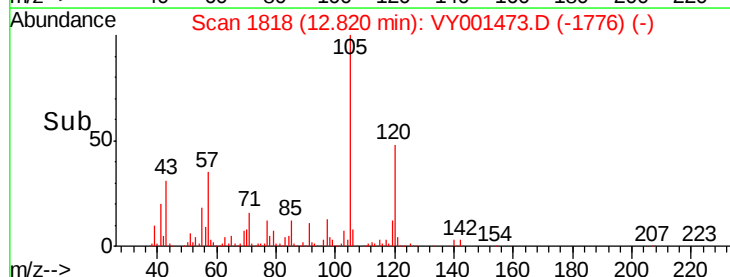
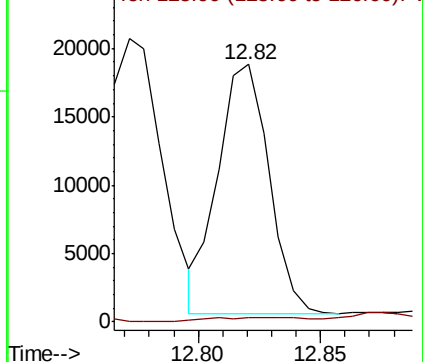
91 100

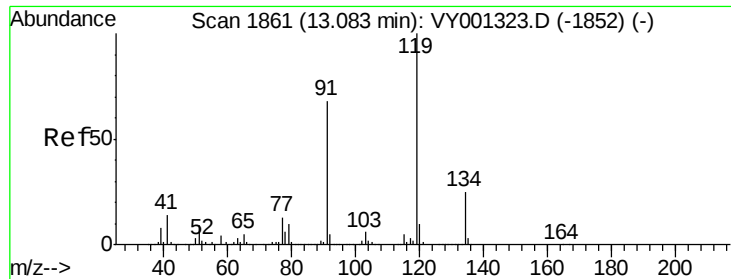
126 1.4 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

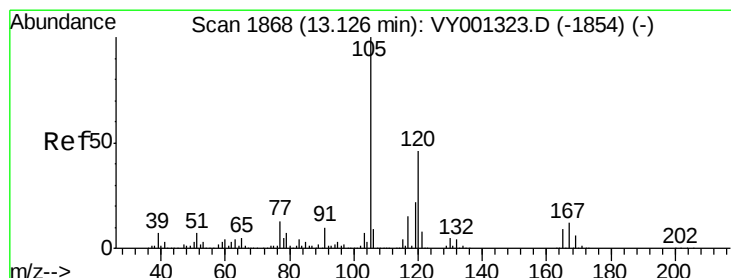
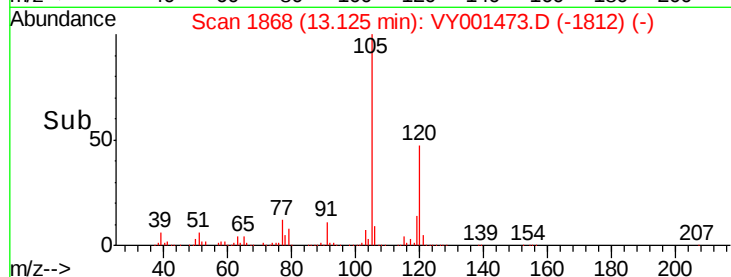
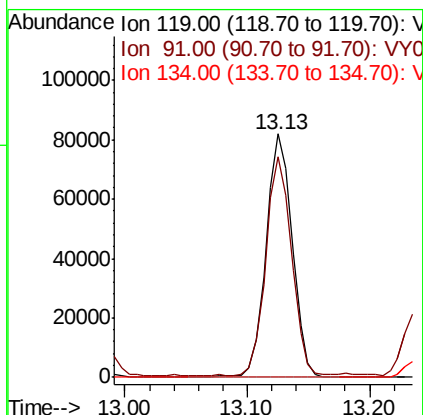
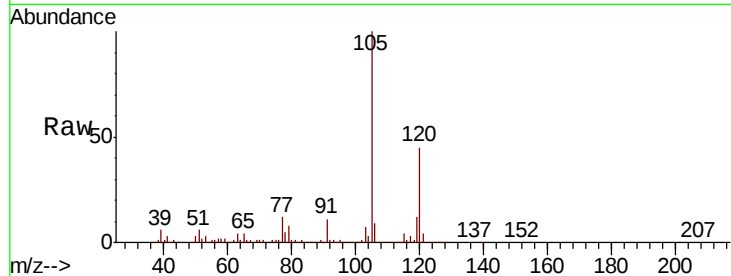




#83
 tert-Butylbenzene
 Concen: 61.618 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.04 min
 Lab File: VY001473.D
 Acq: 03 Feb 2020 14:44

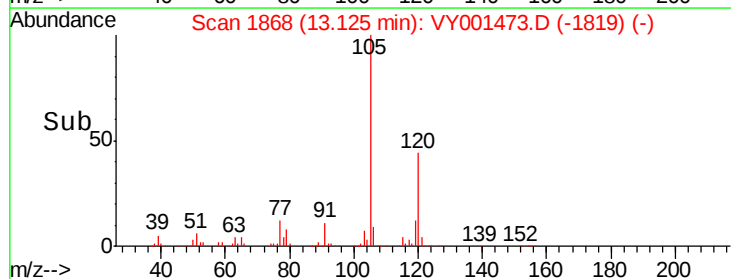
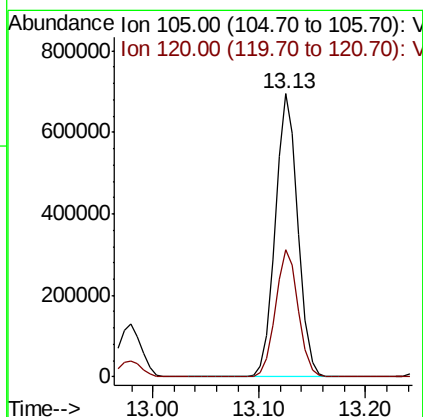
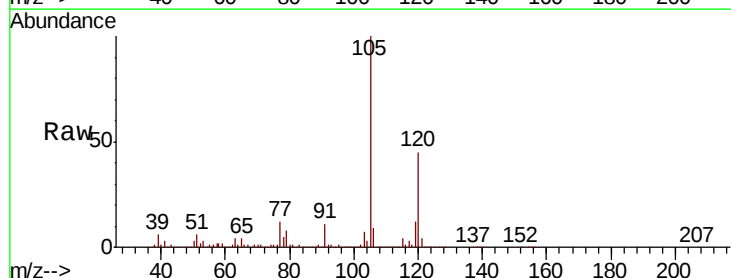
Instrument :
 MSVOA_Y
 ClientSampleId :

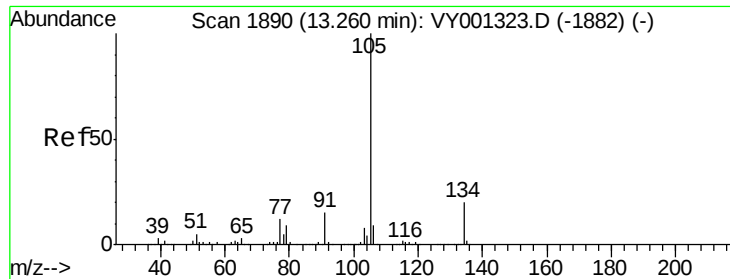
Tot Ion:119 Resp: 122245
 Ion Ratio Lower Upper
 119 100
 91 87.9 33.0 99.0
 134 0.0 13.3 39.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 431.270 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001473.D
 Acq: 03 Feb 2020 14:44

Tgt Ion:105 Resp: 1019075
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 17.853 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :

MSVOA_Y

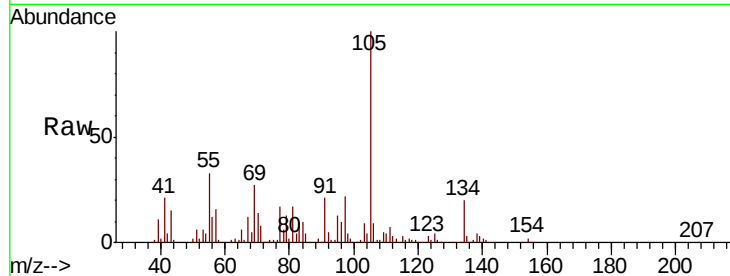
ClientSampleId :

Tot Ion:105 Resp: 50324

Ion Ratio Lower Upper

105 100

134 35.8 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

30000

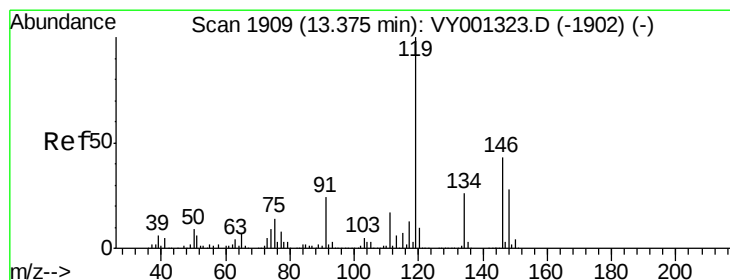
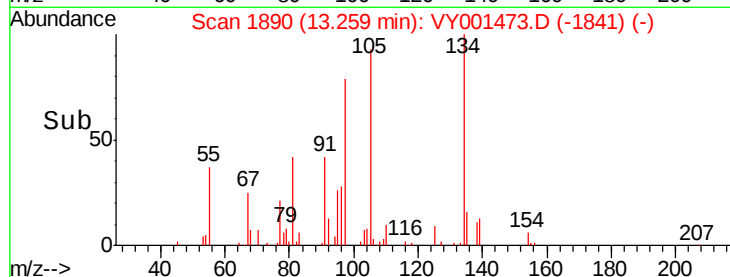
20000

10000

0

Time-->

13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 11.344 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

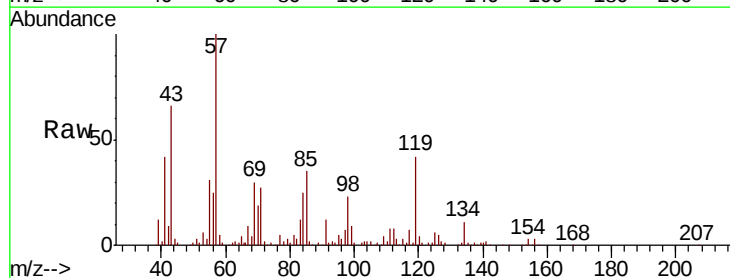
Tgt Ion:119 Resp: 28177

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 24.6 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

50000

40000

30000

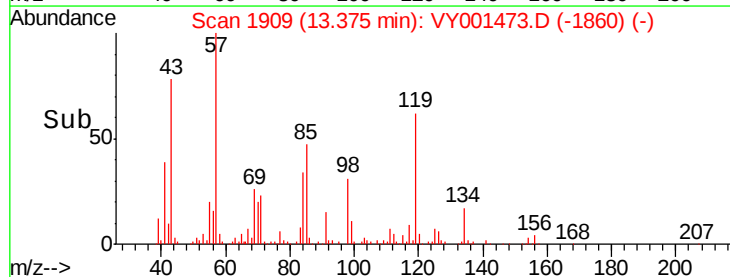
20000

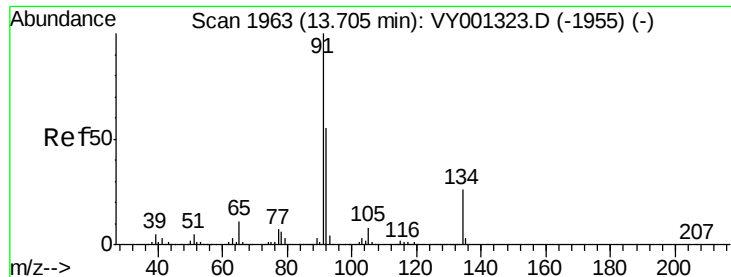
10000

0

Time-->

13.35 13.40

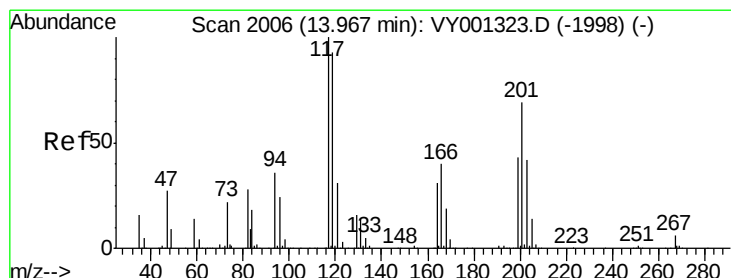
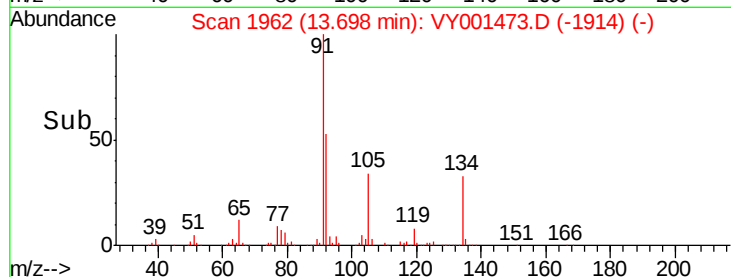
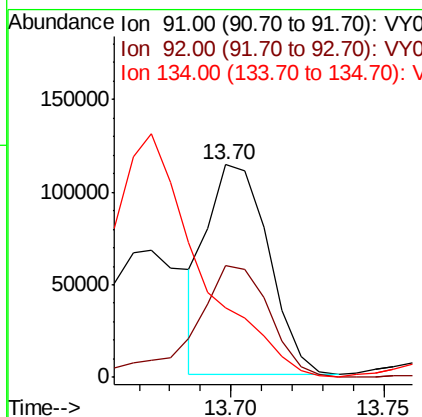
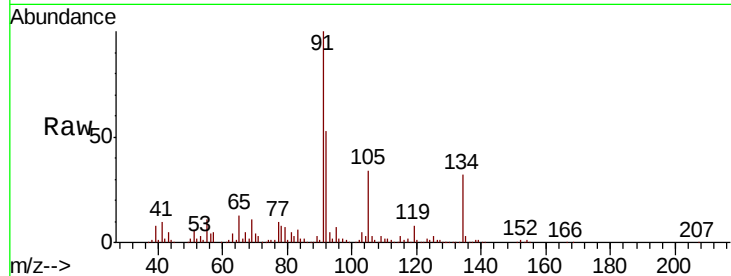




#89
n-Butylbenzene
Concen: 62.454 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

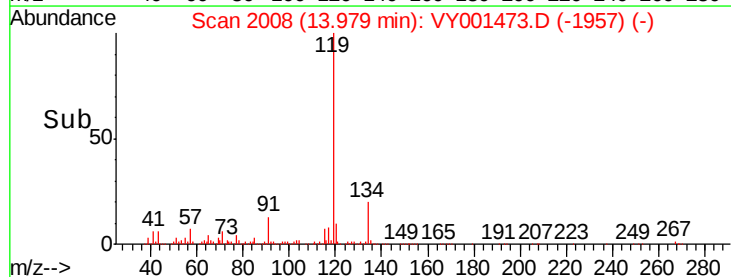
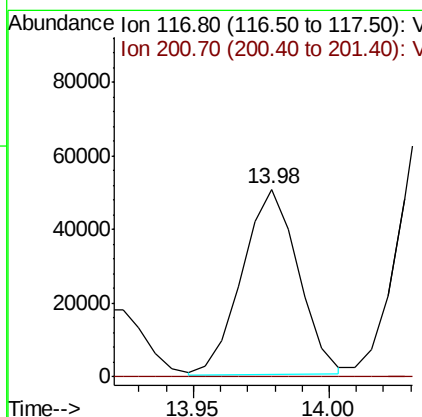
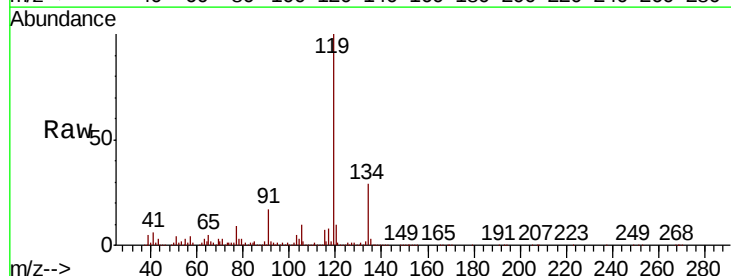
Instrument :
MSVOA_Y
ClientSampleId :

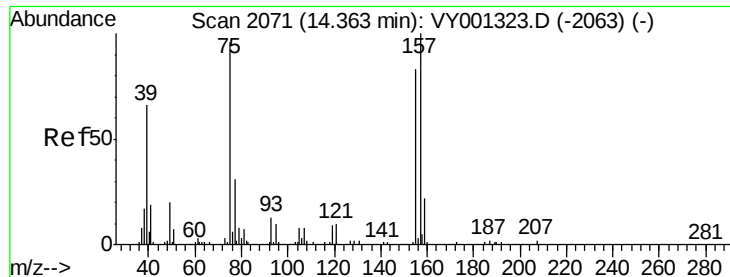
Tot Ion: 91 Resp: 156130
Ion Ratio Lower Upper
91 100
92 65.9 27.6 82.8
134 0.0 12.9 38.6#



#90
Hexachloroethane
Concen: 151.896 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001473.D
Acq: 03 Feb 2020 14:44

Tgt Ion: 117 Resp: 71519
Ion Ratio Lower Upper
117 100
201 0.0 34.6 103.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 17.466 ug/l

RT: 14.39 min Scan# 2075

Delta R.T. 0.02 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

Instrument :

MSVOA_Y

ClientSampleId :

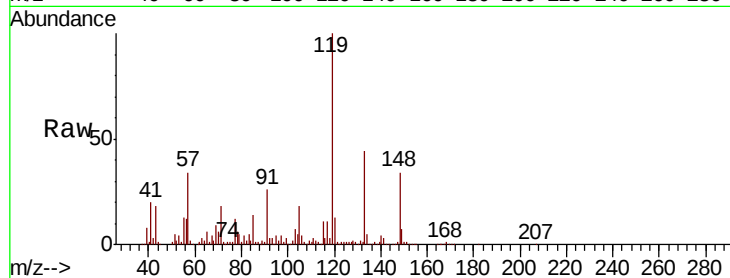
Tot Ion: 75 Resp: 1820

Ion Ratio Lower Upper

75 100

155 22.3 43.0 129.2#

157 0.0 53.3 160.0#

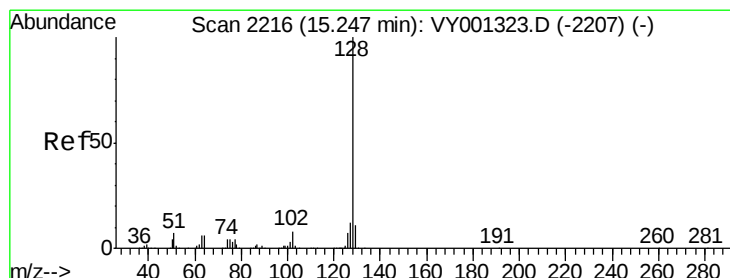
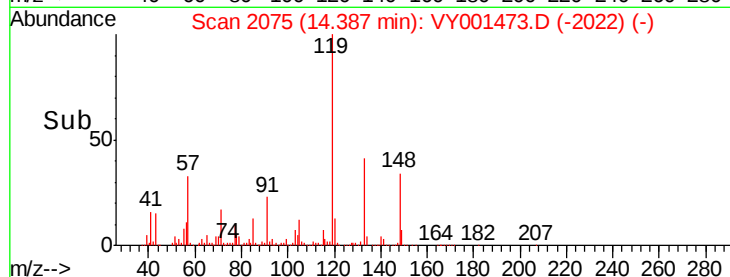


Abundance Ion 74.90 (74.60 to 75.60): VY001323.D (-2063) (-)

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

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

Time-->



#95

Naphthalene

Concen: 931.790 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001473.D

Acq: 03 Feb 2020 14:44

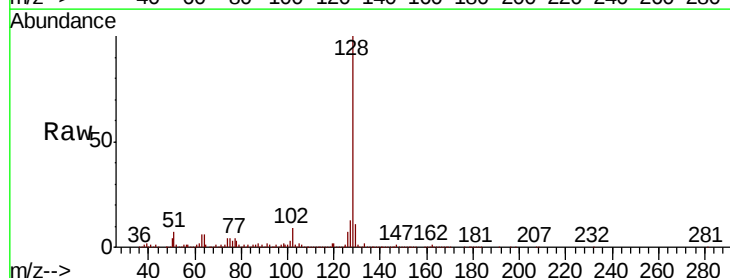
Tgt Ion: 128 Resp: 1586212

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.7 13.1

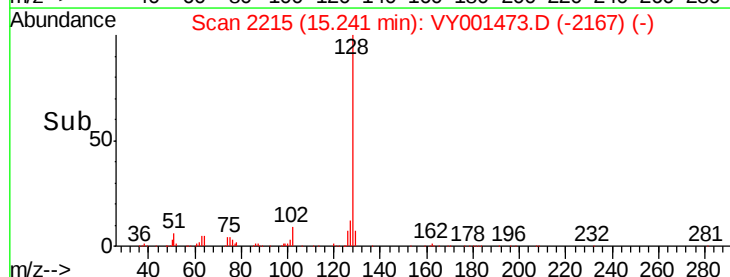


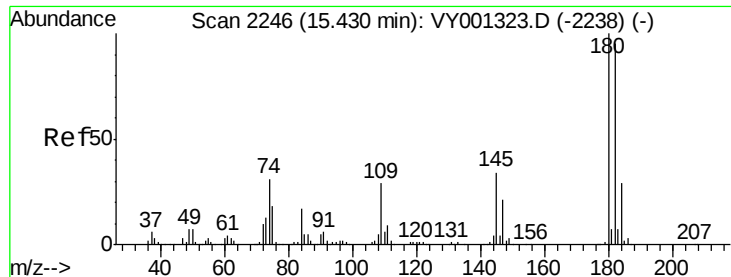
Abundance Ion 128.00 (127.70 to 128.70): VY001323.D (-2207) (-)

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

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

Time-->

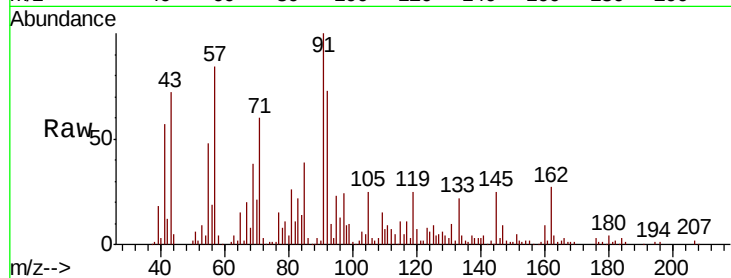




#96
 1,2,3-Trichlorobenzene
 Concen: 1.438 ug/l
 RT: 15.46 min Scan# 2251
 Delta R.T. 0.03 min
 Lab File: VY001473.D
 Acq: 03 Feb 2020 14:44

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.8#
145	0.0	16.8	50.3#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

