

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001720.D
 Acq On : 20 Feb 2020 13:43
 Operator : SY/MD
 Sample : L1601-03
 Misc : 3.93G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 08:04:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	168894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	312404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	284057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	126258	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	103284	56.85	ug/l	0.00
Spiked Amount			Recovery	=	113.70%	
35) Dibromofluoromethane	7.75	113	91313	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
50) Toluene-d8	10.20	98	383677	54.73	ug/l	0.00
Spiked Amount			Recovery	=	109.46%	
62) 4-Bromofluorobenzene	12.50	95	130403	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	13499	43.189	ug/l #	74
13) Acrolein	3.97	56	8905	48.535	ug/l #	71
14) Allyl chloride	4.73	41	65185	19.987	ug/l #	65
15) Acrylonitrile	5.28	53	8275	14.326	ug/l #	38
16) Acetone	3.97	43	41355	65.789	ug/l #	76
18) Methyl Acetate	4.74	43	169909	124.118	ug/l #	51
19) Methyl tert-butyl Ether	5.25	73	10299	2.019	ug/l #	1
20) Methylene Chloride	4.75	84	7115	3.187	ug/l #	67
25) 2-Butanone	7.01	43	13388	15.678	ug/l #	69
30) Chloroform	7.49	83	17889	5.114	ug/l #	18
31) Cyclohexane	7.81	56	42876	11.234	ug/l #	93
36) 1,1-Dichloropropene	7.82	75	14379	4.819	ug/l #	54
37) Ethyl Acetate	7.01	43	13388	7.517	ug/l #	76
38) Carbon Tetrachloride	7.82	117	17572	6.704	ug/l #	18
39) Methylcyclohexane	9.21	83	57898	14.625	ug/l	93
40) Benzene	8.18	78	13936	1.588	ug/l	94
41) Methacrylonitrile	7.38	41	3563	3.984	ug/l #	91
43) Isopropyl Acetate	8.29	43	65072	19.256	ug/l #	53
47) Bromodichloromethane	9.50	83	8905	3.210	ug/l #	27
48) Methyl methacrylate	9.34	41	11758	7.693	ug/l #	28
51) 4-Methyl-2-Pentanone	10.00	43	7883	4.540	ug/l #	35
55) 1,1,2-Trichloroethane	10.63	97	27978	16.505	ug/l #	20
56) Ethyl methacrylate	10.53	69	3521	1.385	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.77	63	1077	Below Cal	#	48
68) m/p-Xylenes	11.71	106	11922	3.033	ug/l	96
69) o-Xylene	12.04	106	4603	1.232	ug/l	91
76) 1,2,3-Trichloropropane	12.50	75	67565	46.650	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	67565	88.503	ug/l #	17
83) tert-Butylbenzene	13.09	119	9689	1.455	ug/l	96
85) sec-Butylbenzene	13.27	105	41077	4.194	ug/l #	61
86) p-Isopropyltoluene	13.54	119	19246	2.262	ug/l	97
89) n-Butylbenzene	13.69	91	25470	2.930	ug/l #	1
90) Hexachloroethane	14.05	117	47211	29.451	ug/l #	18

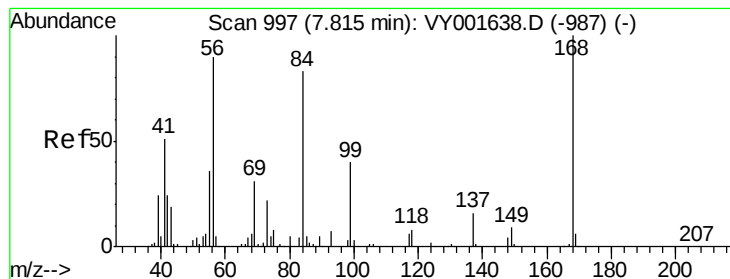
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001720.D
Acq On : 20 Feb 2020 13:43
Operator : SY/MD
Sample : L1601-03
Misc : 3.93G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 21 08:04:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

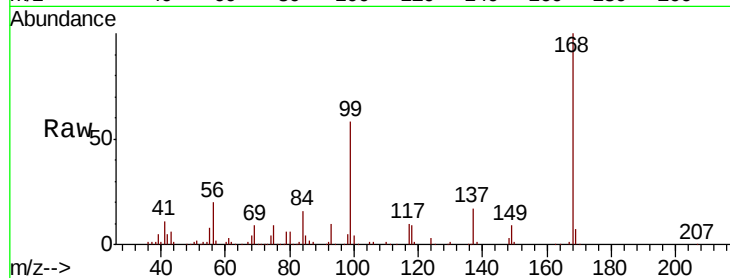
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 168894

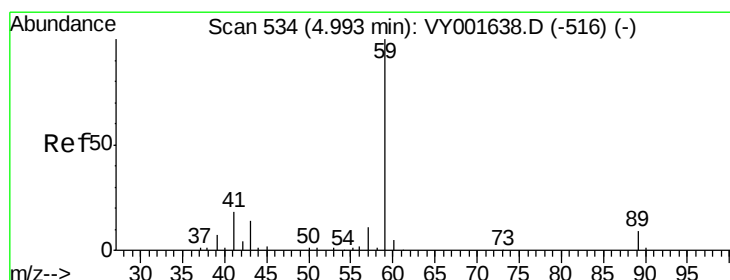
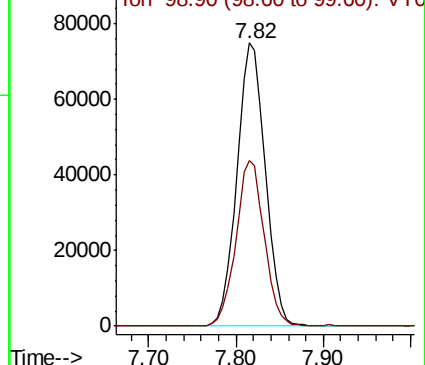
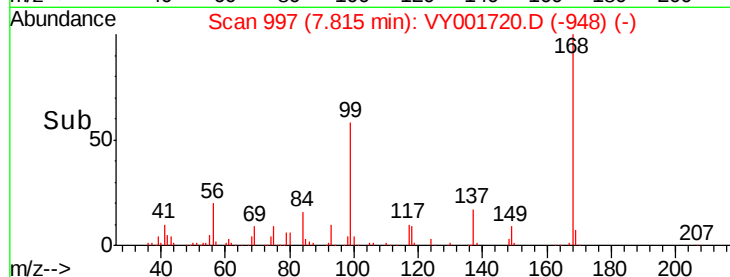
Ion Ratio Lower Upper

168 100

99 58.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001720.D (-948) (-)



#11

Tert butyl alcohol

Concen: 43.189 ug/l

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001720.D

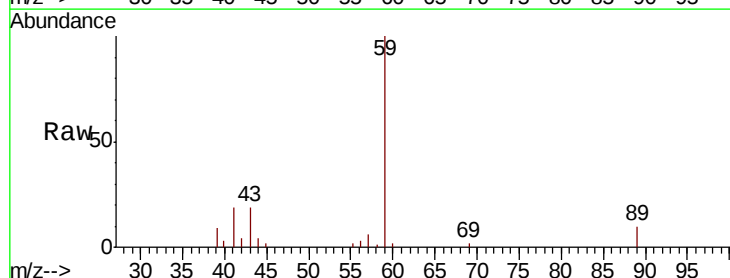
Acq: 20 Feb 2020 13:43

Tgt Ion: 59 Resp: 13499

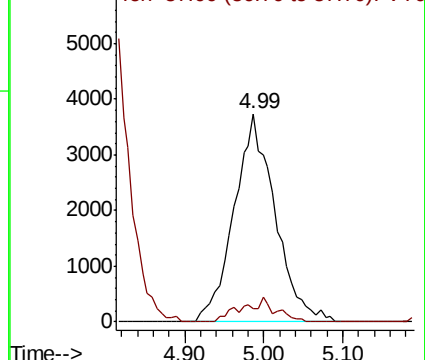
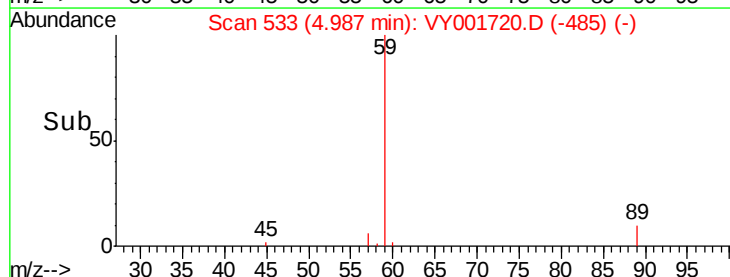
Ion Ratio Lower Upper

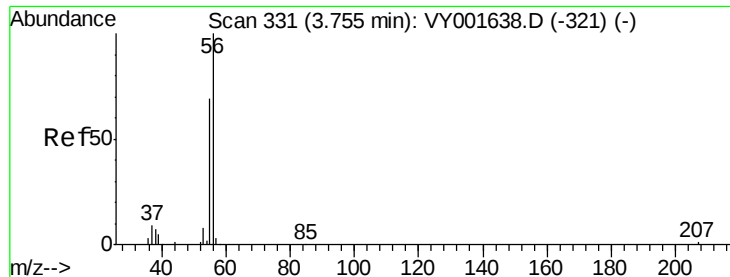
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001720.D (-485) (-)





#13

Acrolein

Concen: 48.535 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.22 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

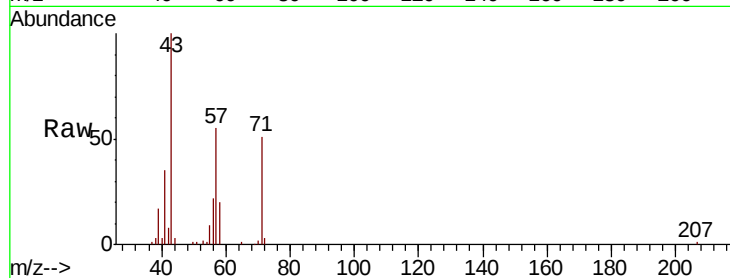
ClientSampled :

Tot Ion: 56 Resp: 8905

Ion Ratio Lower Upper

56 100

55 46.3 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.97

3000

2500

2000

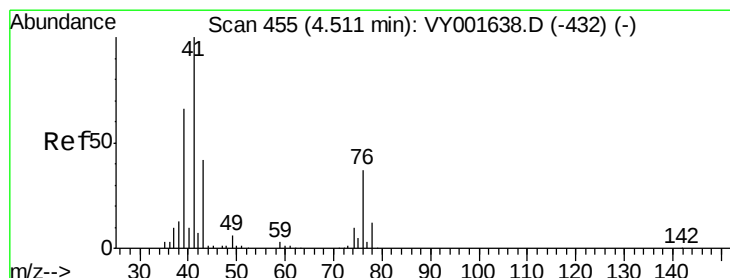
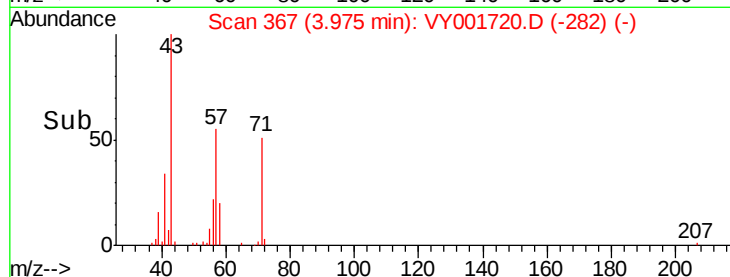
1500

1000

500

0

Time--> 3.85 3.90 3.95 4.00 4.05



#14

Allyl chloride

Concen: 19.987 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.22 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

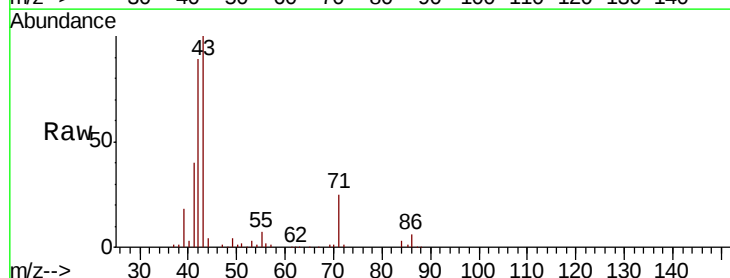
Tgt Ion: 41 Resp: 65185

Ion Ratio Lower Upper

41 100

39 47.0 49.4 74.0#

76 0.0 29.0 43.6#



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

25000

20000

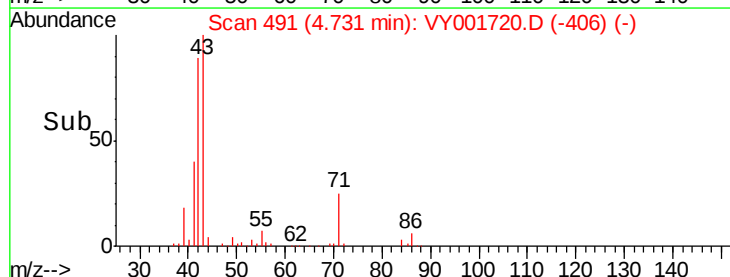
15000

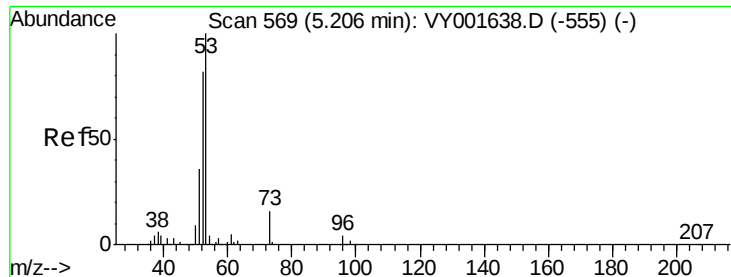
10000

5000

0

Time--> 4.60 4.65 4.70 4.75 4.80





#15

Acrylonitrile

Concen: 14.326 ug/l

RT: 5.28 min Scan# 581

Delta R.T. 0.07 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :

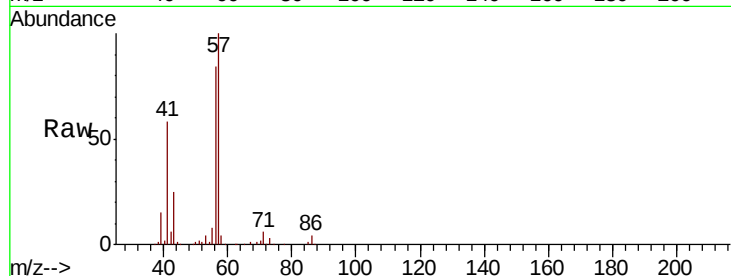
Tot Ion: 53 Resp: 8275

Ion Ratio Lower Upper

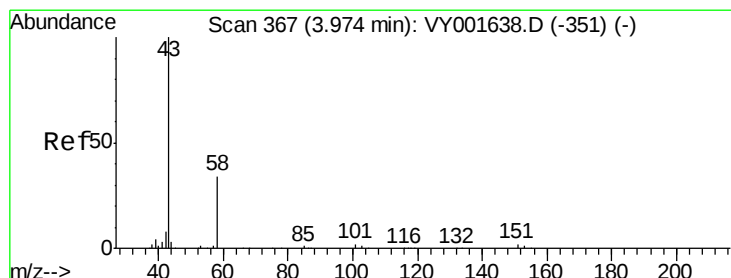
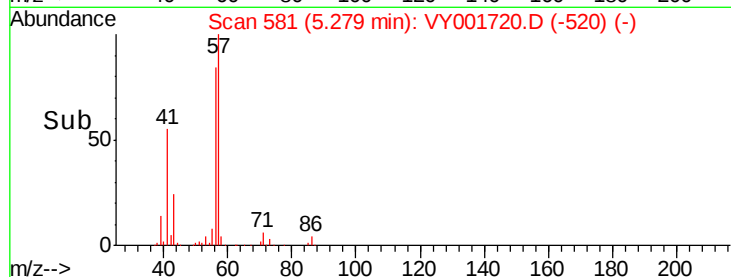
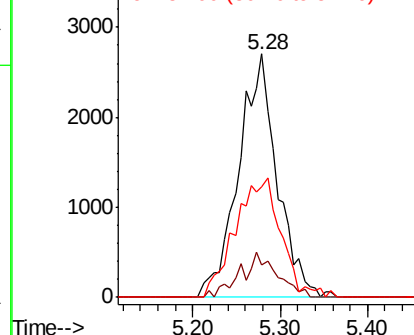
53 100

52 17.7 65.4 98.0#

51 58.5 28.0 42.0#



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 65.789 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001720.D

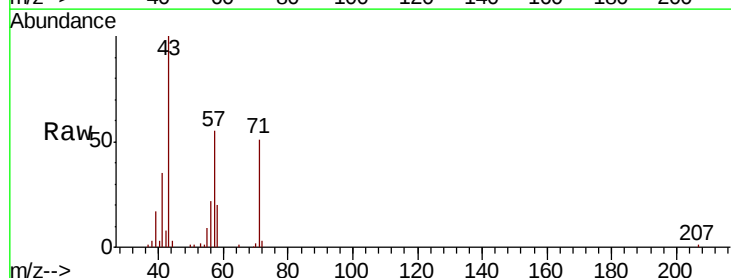
Acq: 20 Feb 2020 13:43

Tgt Ion: 43 Resp: 41355

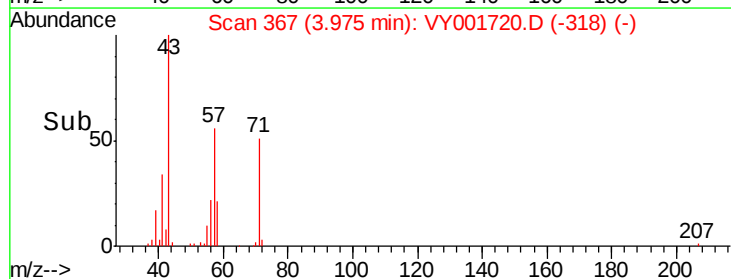
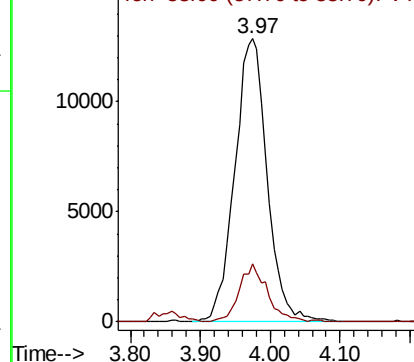
Ion Ratio Lower Upper

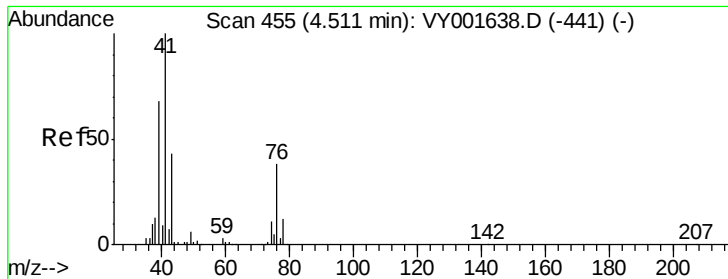
43 100

58 20.4 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

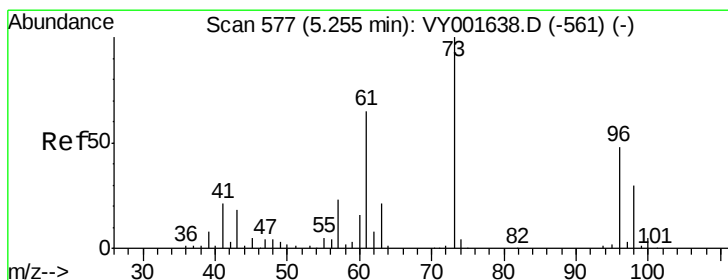
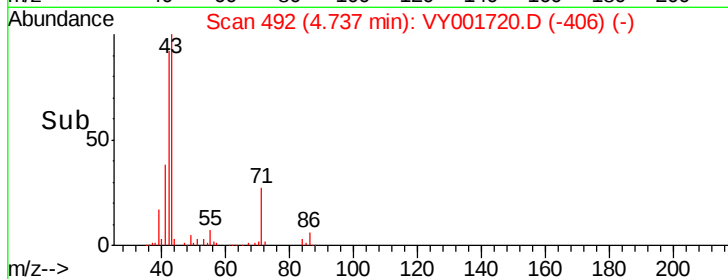
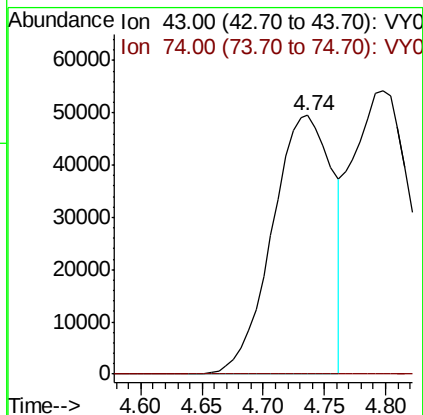
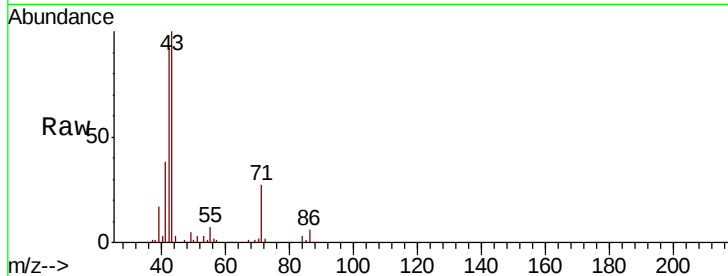




#18
Methyl Acetate
Concen: 124.118 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.23 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

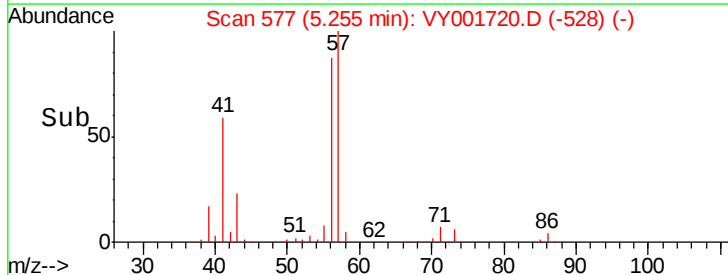
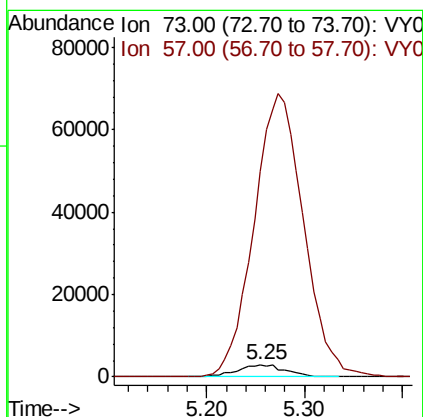
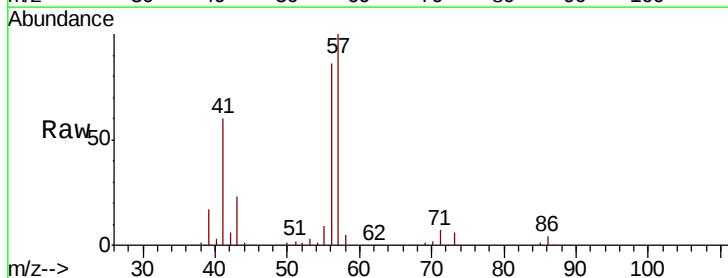
Instrument :
MSVOA_Y
ClientSampled :

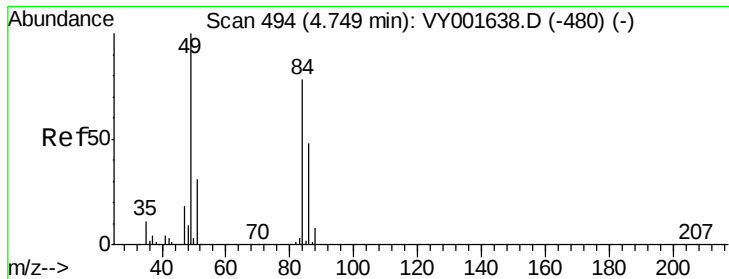
Tot Ion: 43 Resp: 169909
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#19
Methyl tert-butyl Ether
Concen: 2.019 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion: 73 Resp: 10299
Ion Ratio Lower Upper
73 100
57 1631.1 19.0 28.6#





#20

Methylene Chloride

Concen: 3.187 ug/l

RT: 4.75 min Scan# 494

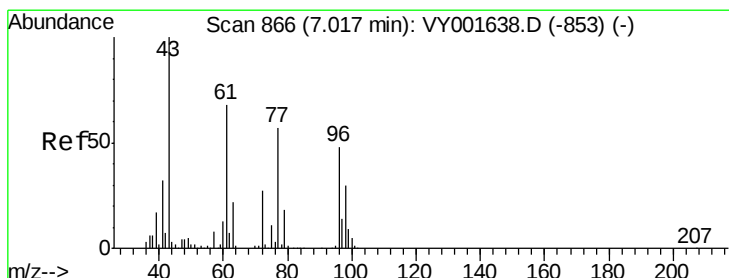
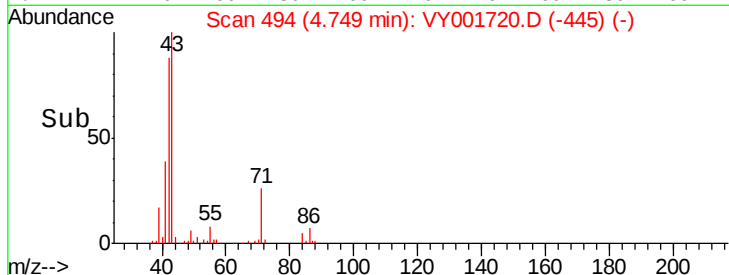
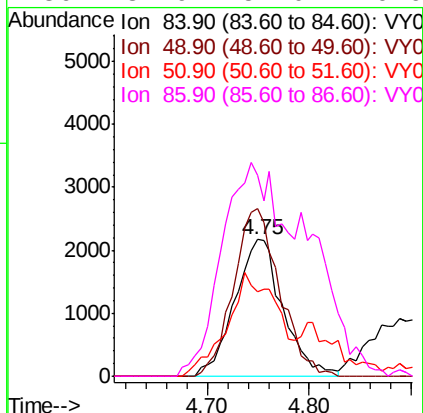
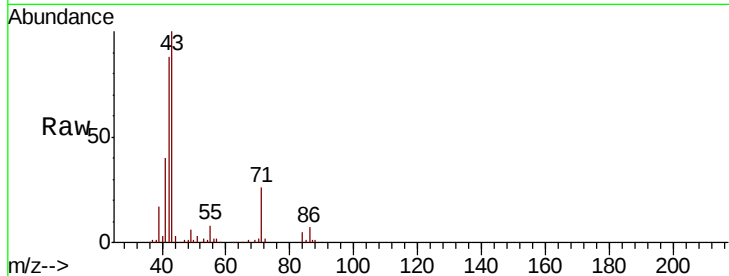
Delta R.T. 0.00 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	84	Resp:	7115
Ion	Ratio	Lower	Upper
84	100		
49	122.1	99.2	148.8
51	57.8	31.5	47.3#
86	137.9	51.0	76.6#



#25

2-Butanone

Concen: 15.678 ug/l

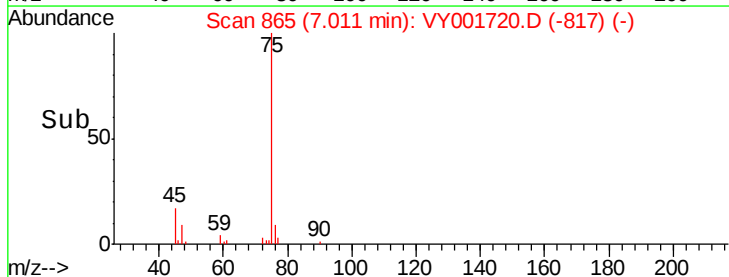
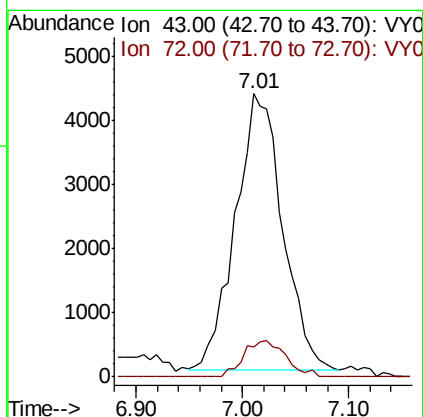
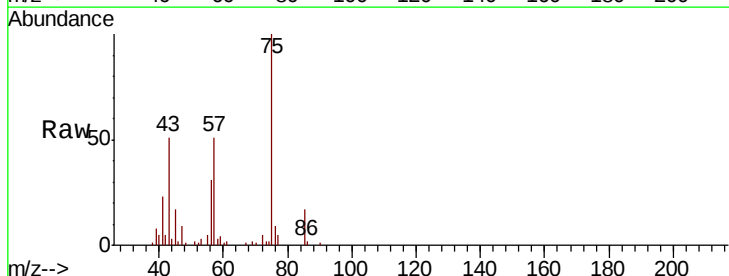
RT: 7.01 min Scan# 865

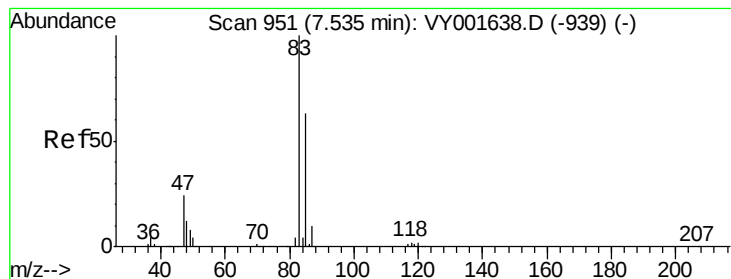
Delta R.T. -0.01 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Tgt Ion:	43	Resp:	13388
Ion	Ratio	Lower	Upper
43	100		
72	10.7	21.2	31.8#





#30

Chloroform

Concen: 5.114 ug/l

RT: 7.49 min Scan# 944

Delta R.T. -0.04 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

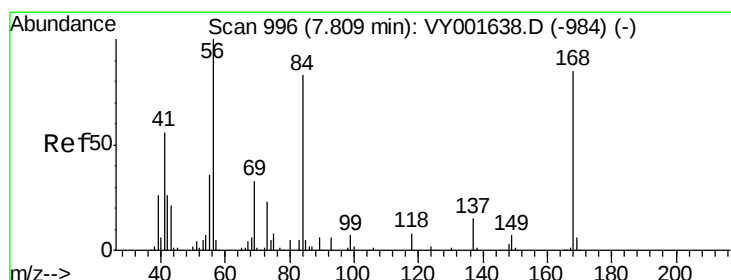
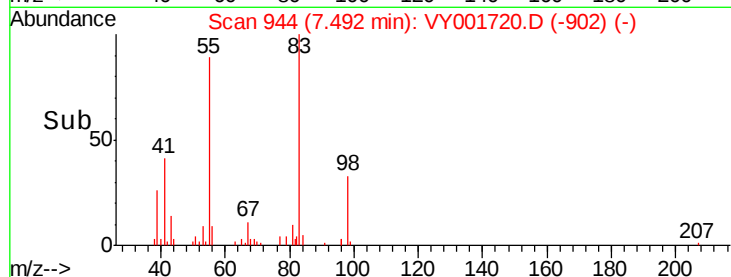
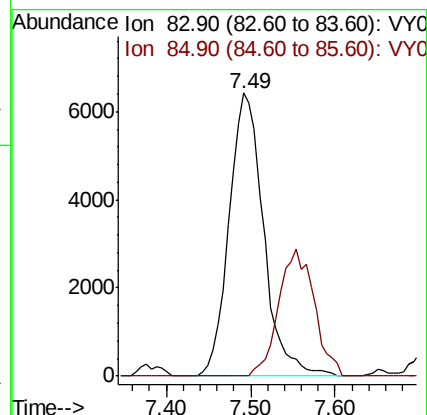
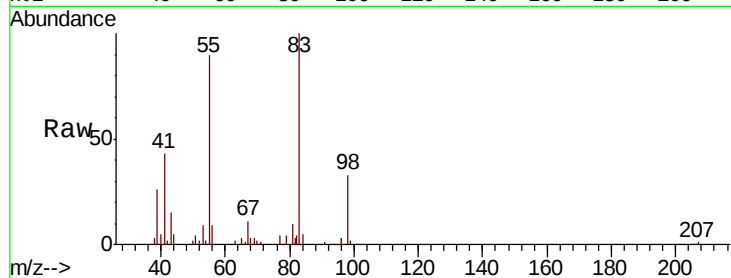
ClientSampleId :

Tot Ion: 83 Resp: 17889

Ion Ratio Lower Upper

83 100

85 0.0 51.6 77.4#



#31

Cyclohexane

Concen: 11.234 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

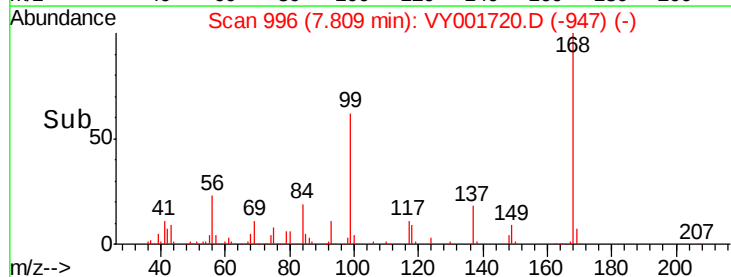
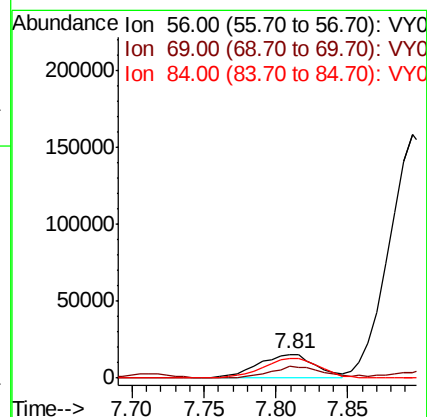
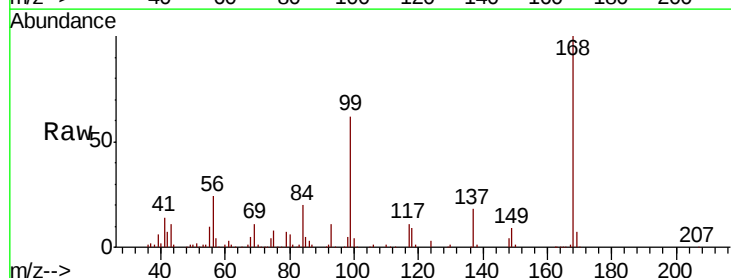
Tgt Ion: 56 Resp: 42876

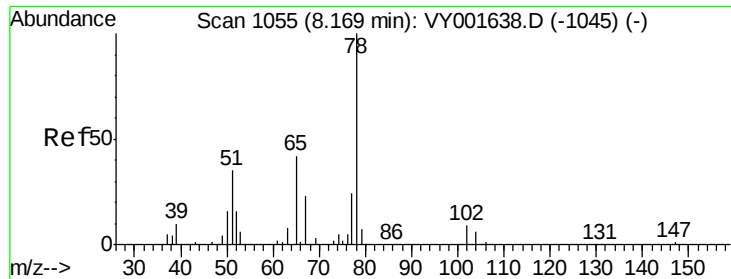
Ion Ratio Lower Upper

56 100

69 44.8 25.1 37.7#

84 83.2 66.9 100.3

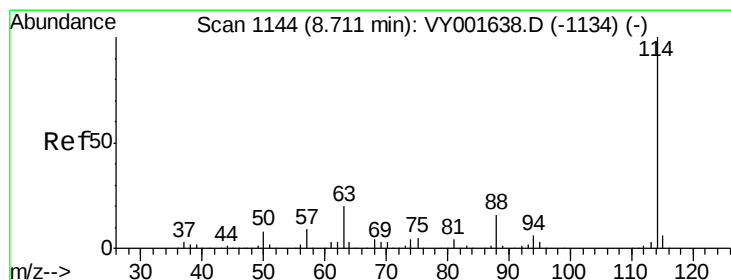
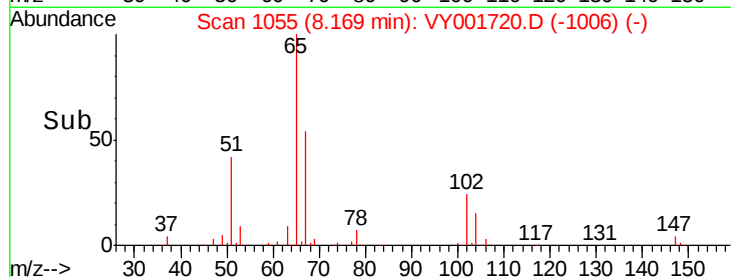
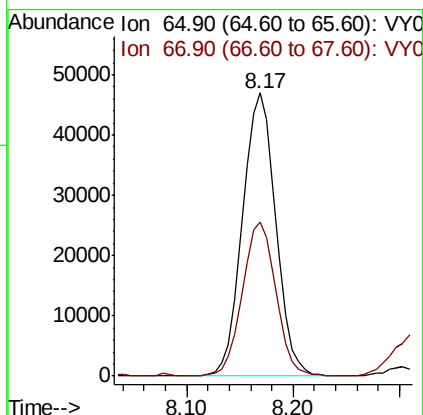
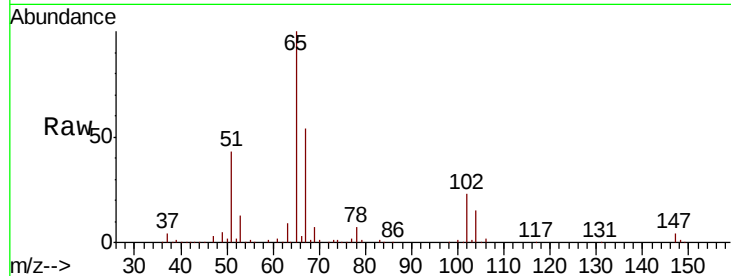




#33
 1,2-Dichloroethane-d4
 Concen: 56.853 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001720.D
 Acq: 20 Feb 2020 13:43

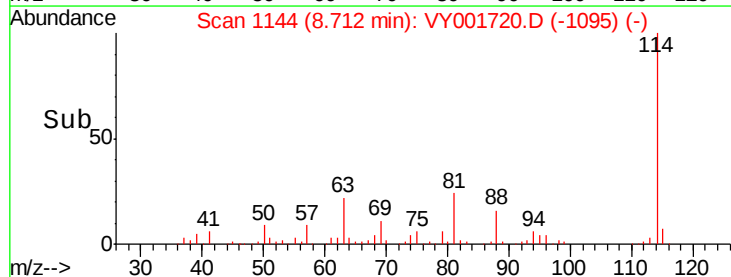
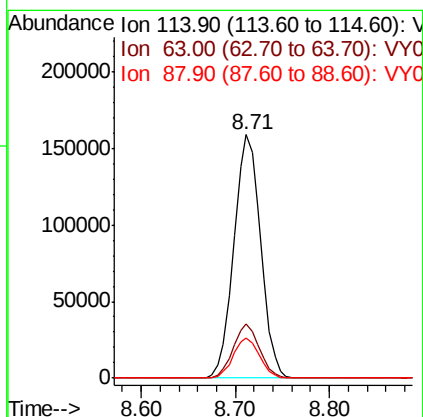
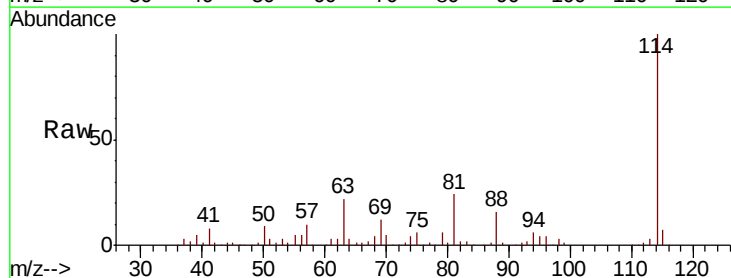
Instrument :
 MSVOA_Y
 ClientSampled :

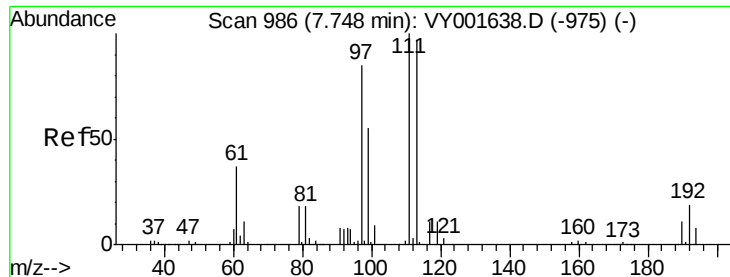
Tot Ion: 65 Resp: 103284
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001720.D
 Acq: 20 Feb 2020 13:43

Tgt Ion: 114 Resp: 312404
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.4
 88 16.3 0.0 32.8

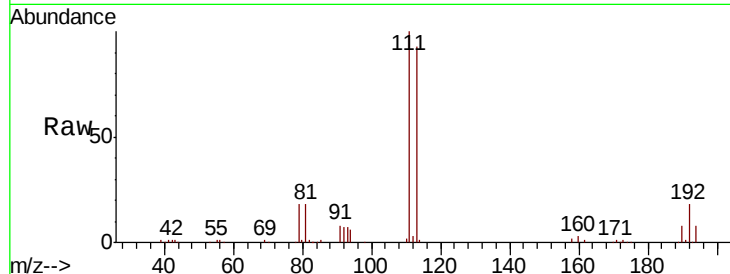




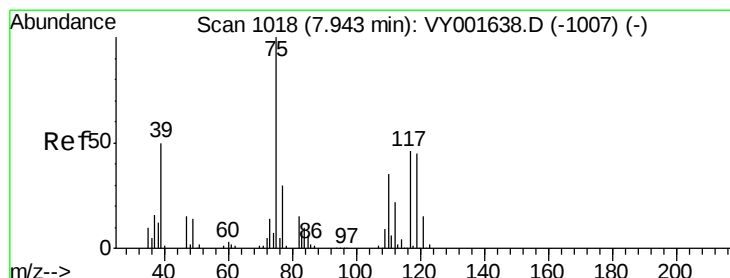
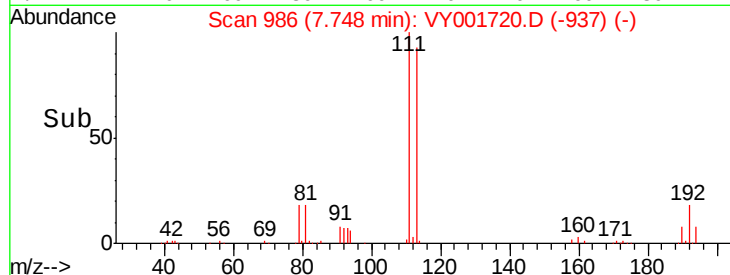
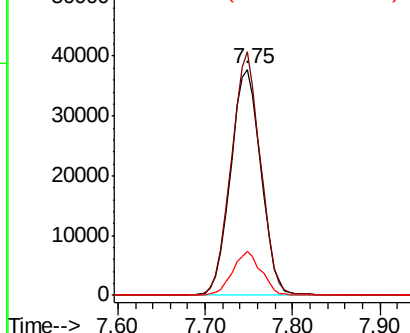
#35
 Dibromofluoromethane
 Concen: 51.032 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001720.D
 Acq: 20 Feb 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 91313
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.9 122.9
 192 18.3 14.3 21.5

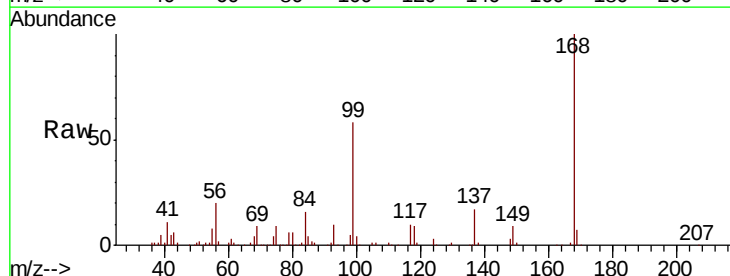


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

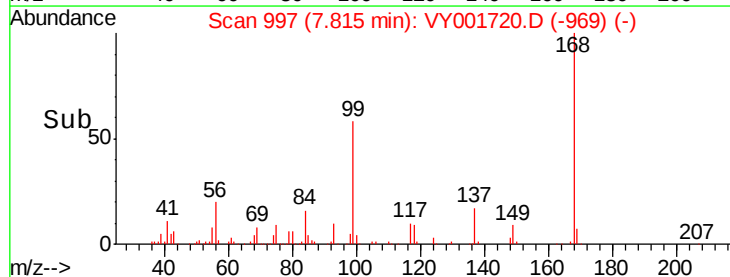
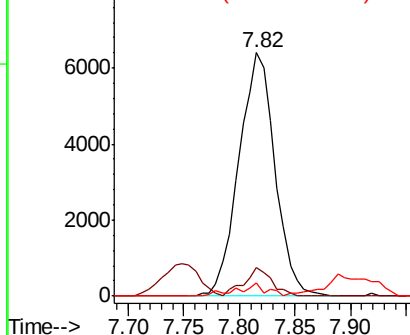


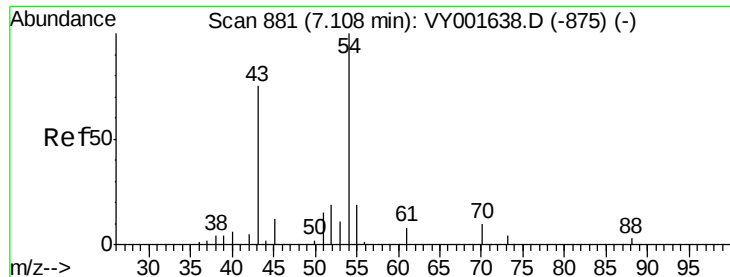
#36
 1,1-Dichloropropene
 Concen: 4.819 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001720.D
 Acq: 20 Feb 2020 13:43

Tgt Ion: 75 Resp: 14379
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.2 51.6#
 77 4.1 24.8 37.2#



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

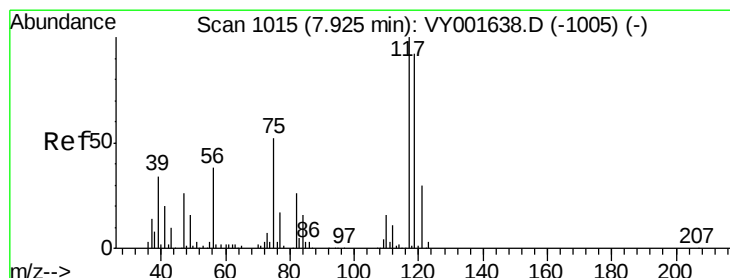
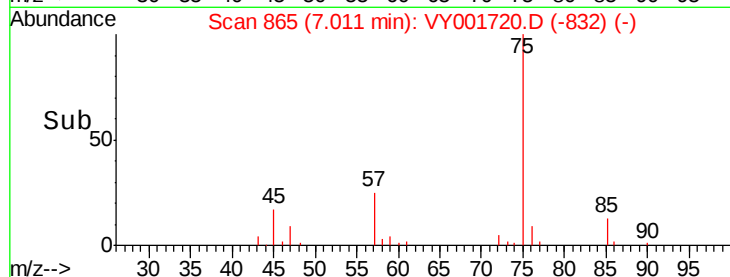
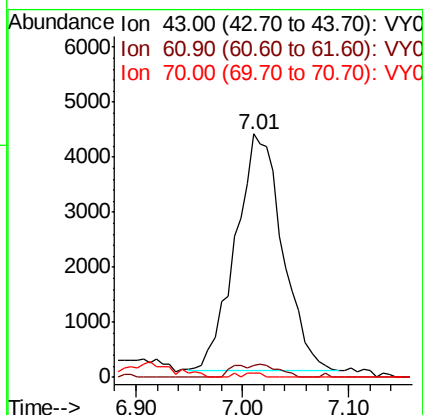
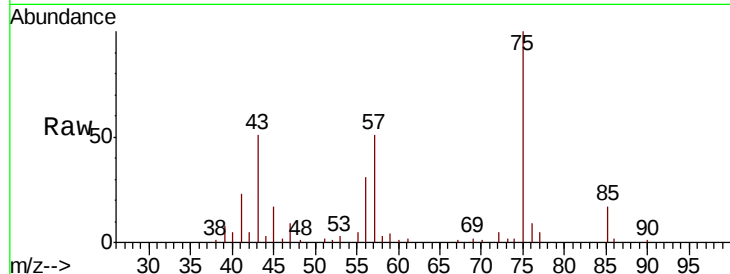




#37
Ethyl Acetate
Concen: 7.517 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.10 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

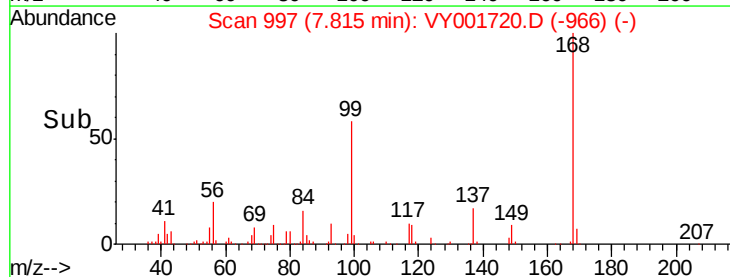
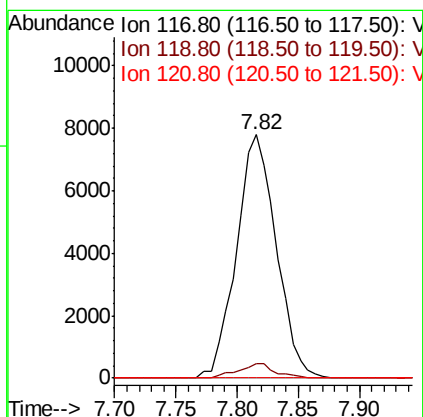
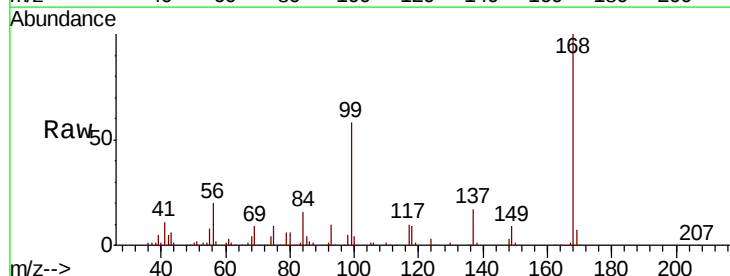
Instrument :
MSVOA_Y
ClientSampleId :

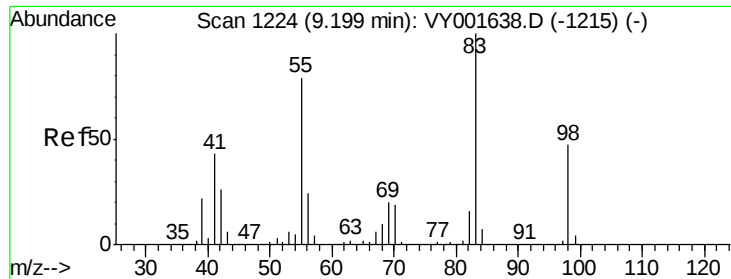
Tot Ion: 43 Resp: 13388
Ion Ratio Lower Upper
43 100
61 5.2 11.0 16.6#
70 0.8 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.704 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion: 117 Resp: 17572
Ion Ratio Lower Upper
117 100
119 6.1 74.8 112.2#
121 0.0 23.8 35.6#

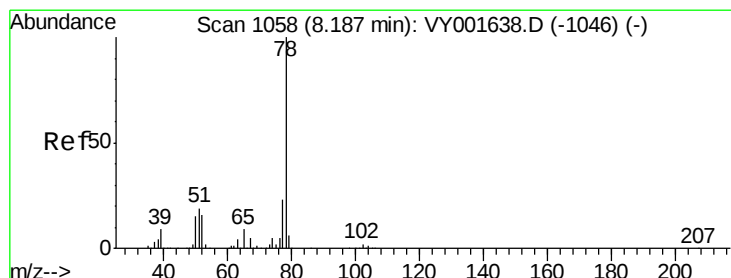
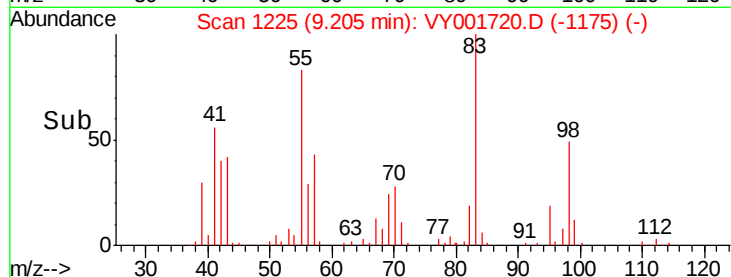
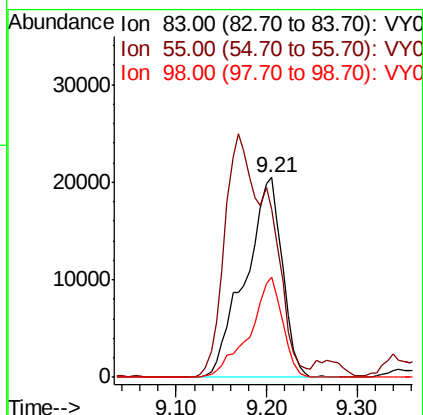
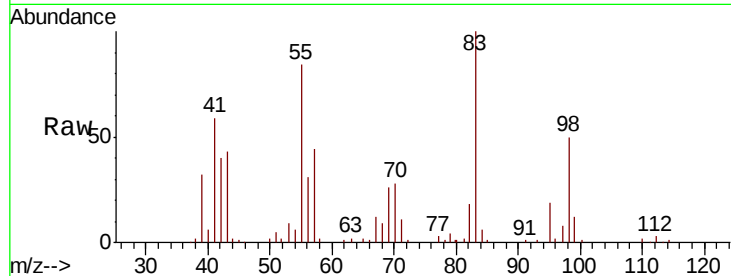




#39
Methvlcvclohexane
Concen: 14.625 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

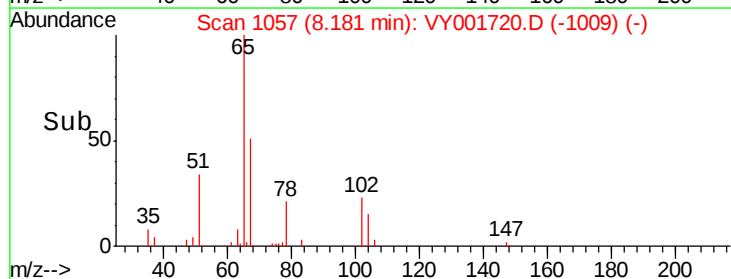
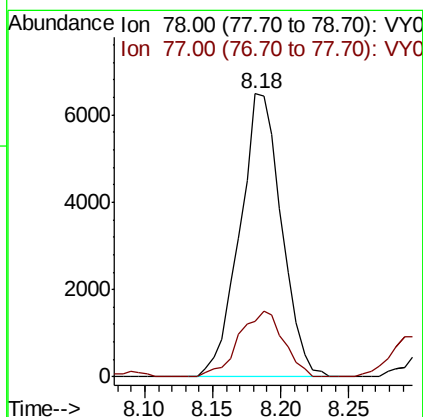
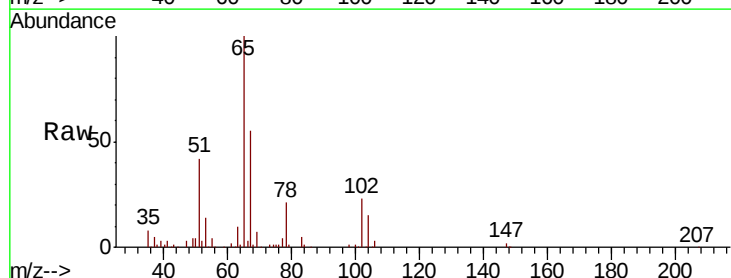
Instrument :
MSVOA_Y
ClientSampled :

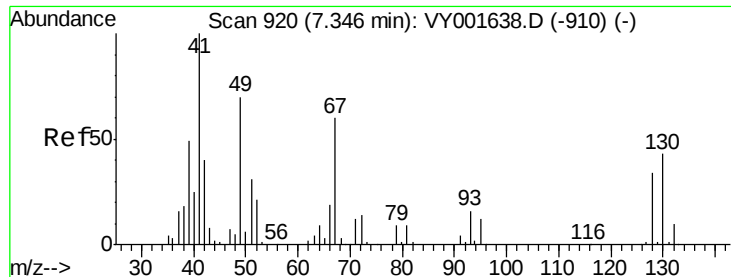
Tot Ion: 83 Resp: 57898
Ion Ratio Lower Upper
83 100
55 84.0 61.3 91.9
98 50.3 38.0 57.0



#40
Benzene
Concen: 1.588 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion: 78 Resp: 13936
Ion Ratio Lower Upper
78 100
77 19.8 18.2 27.4

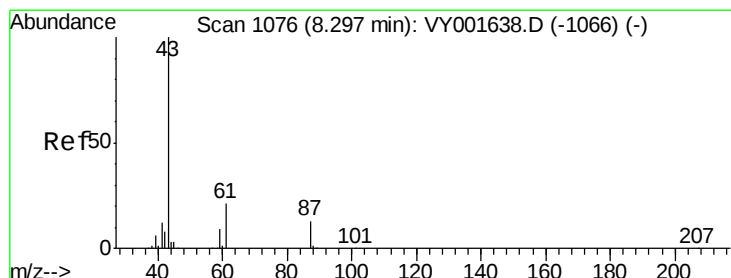
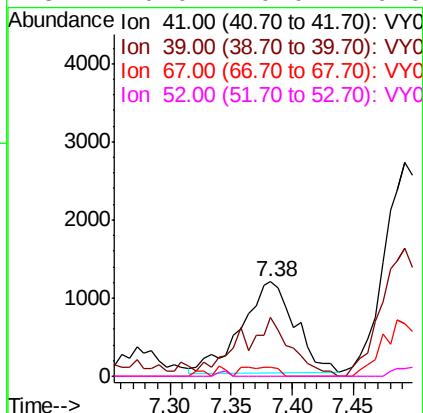
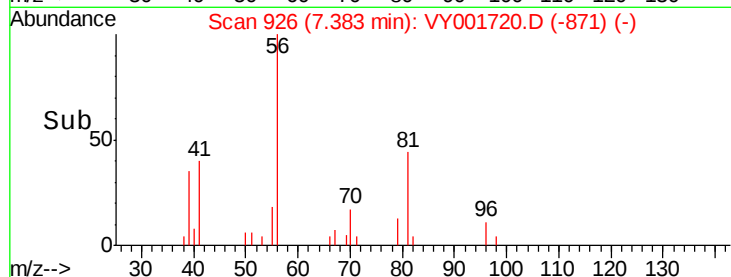
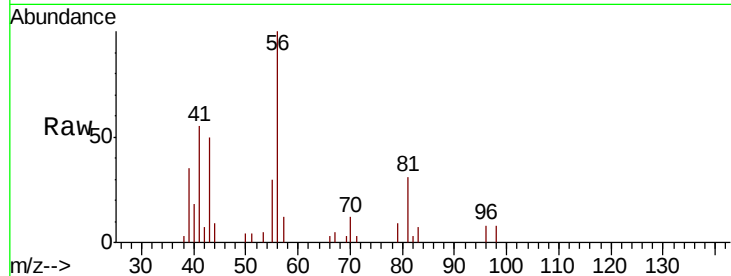




#41
Methacrylonitrile
Concen: 3.984 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.04 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

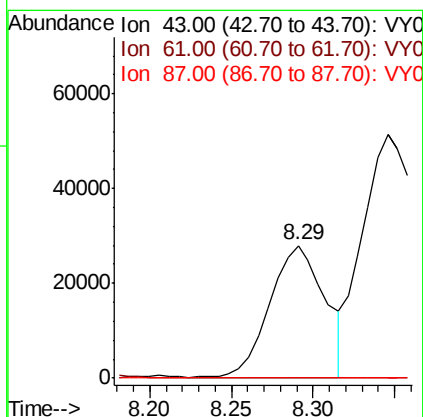
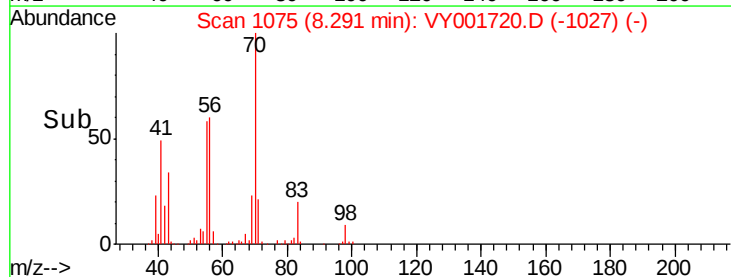
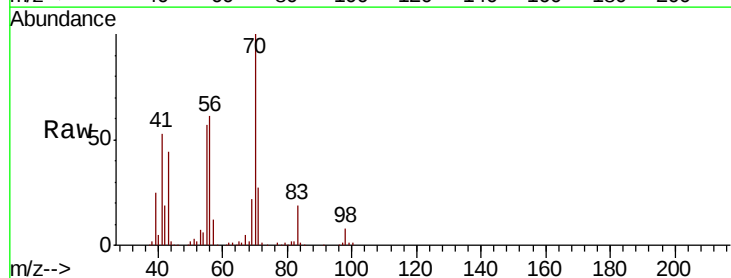
Instrument :
MSVOA_Y
ClientSampled :

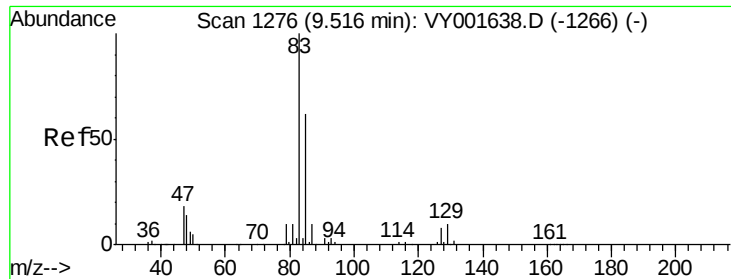
Tot Ion:	41	Resp:	3563
Ion	Ratio	Lower	Upper
41	100		
39	39.4	36.0	54.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 19.256 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion:	43	Resp:	65072
Ion	Ratio	Lower	Upper
43	100		
61	0.2	23.0	34.4#
87	0.0	10.7	16.1#





#47

Bromodichloromethane

Concen: 3.210 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

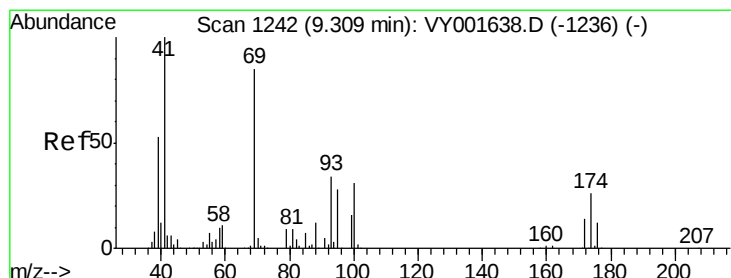
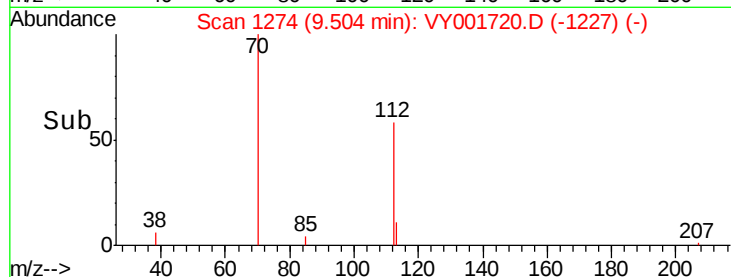
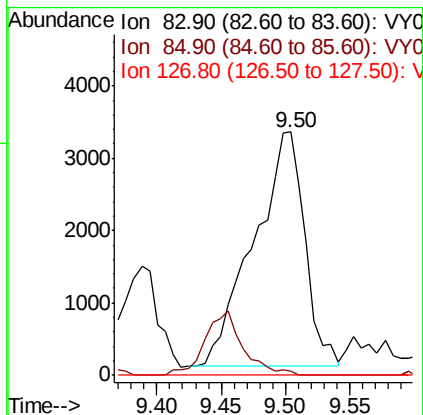
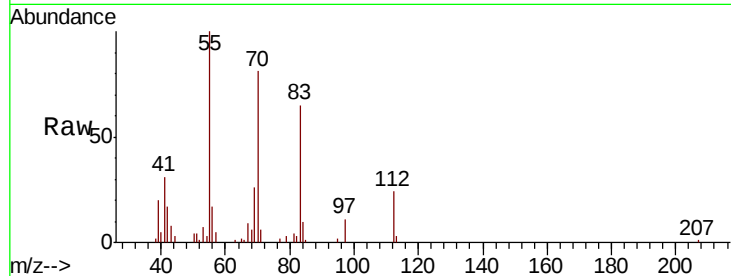
Tot Ion: 83 Resp: 8905

Ion Ratio Lower Upper

83 100

85 1.7 51.4 77.0#

127 0.0 6.4 9.6#



#48

Methyl methacrylate

Concen: 7.693 ug/l

RT: 9.34 min Scan# 1247

Delta R.T. 0.03 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

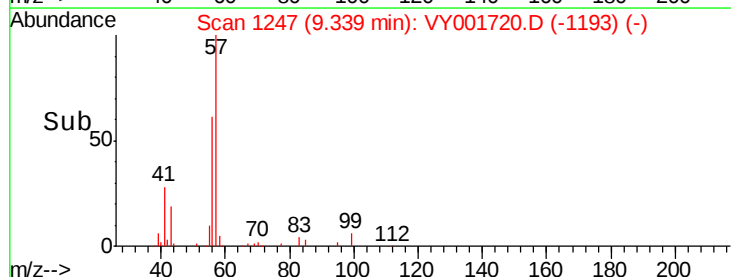
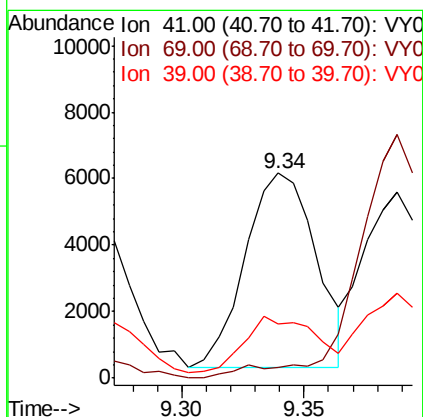
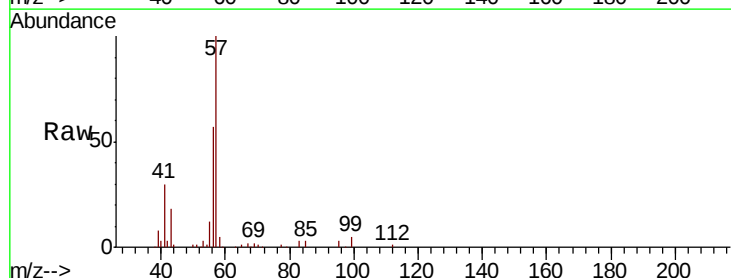
Tgt Ion: 41 Resp: 11758

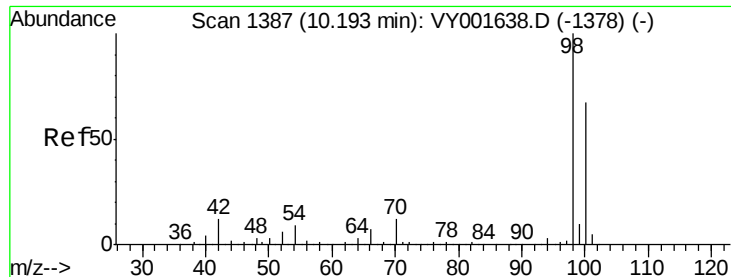
Ion Ratio Lower Upper

41 100

69 0.0 70.7 106.1#

39 28.5 42.2 63.2#





#50

Toluene-d8

Concen: 54.733 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

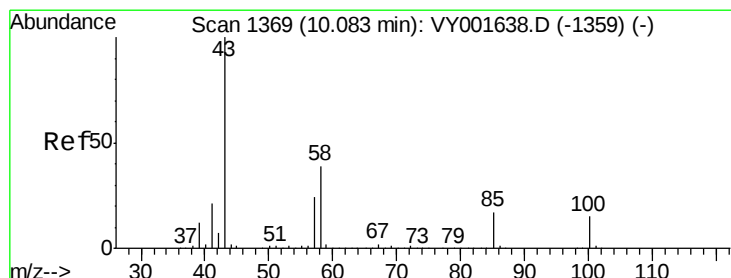
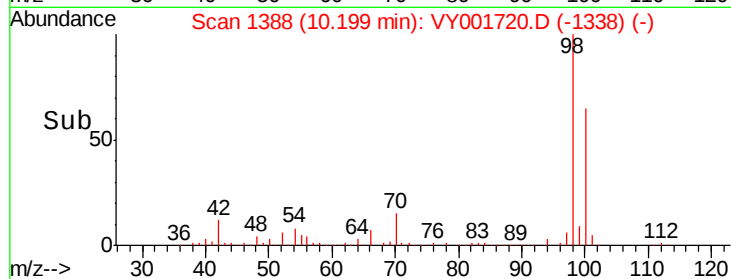
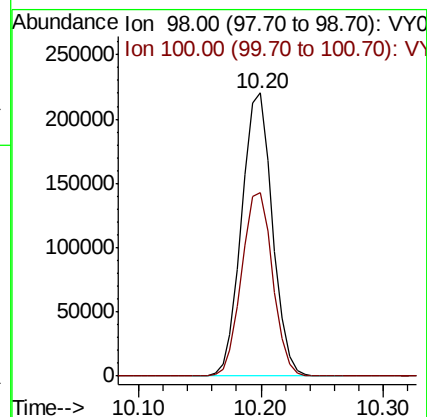
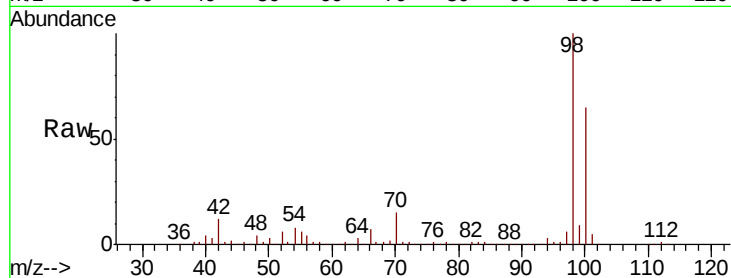
ClientSampled :

Tot Ion: 98 Resp: 383677

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



#51

4-Methyl-2-Pentanone

Concen: 4.540 ug/l

RT: 10.00 min Scan# 1356

Delta R.T. -0.08 min

Lab File: VY001720.D

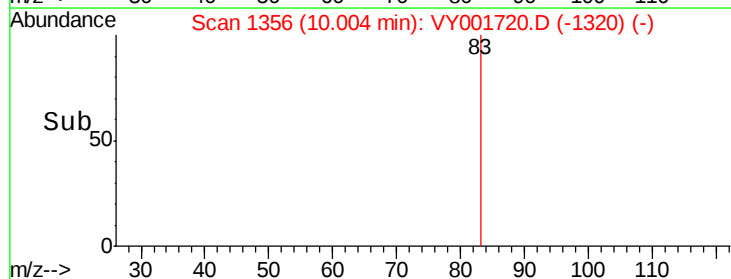
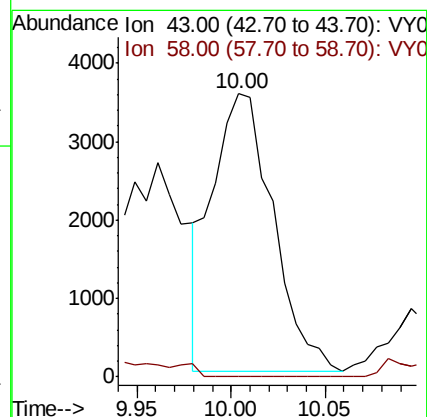
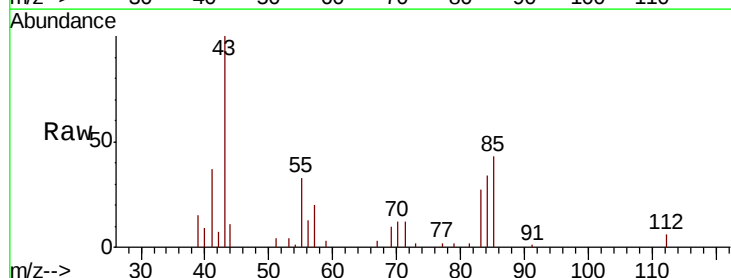
Acq: 20 Feb 2020 13:43

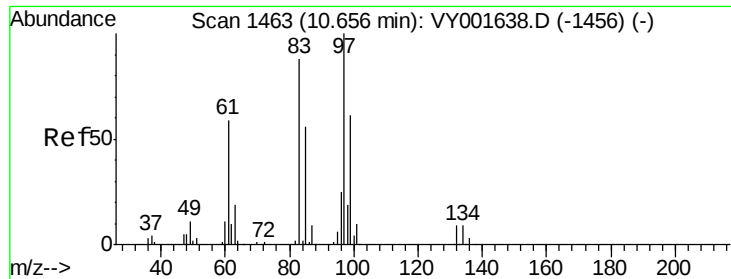
Tgt Ion: 43 Resp: 7883

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.4#





#55

1,1,2-Trichloroethane

Concen: 16.505 ug/l

RT: 10.63 min Scan# 1459

Delta R.T. -0.02 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 97 Resp: 27978

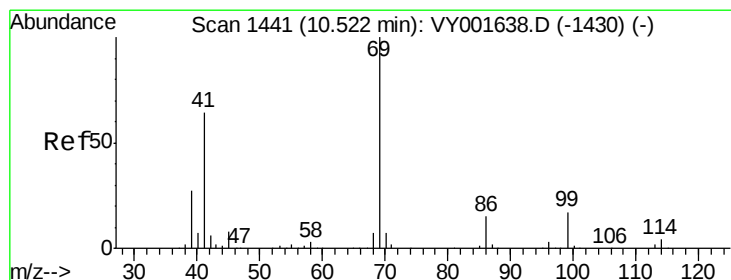
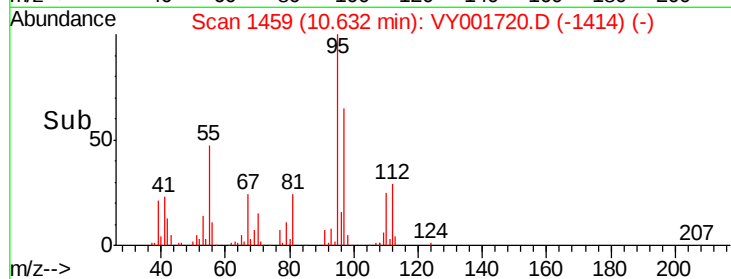
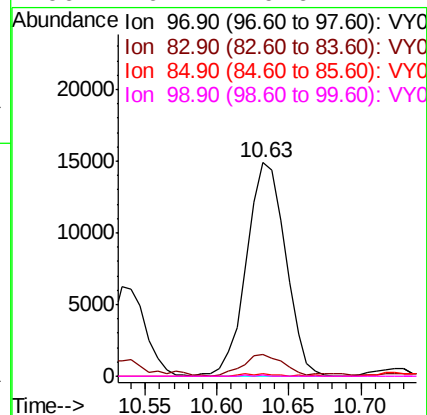
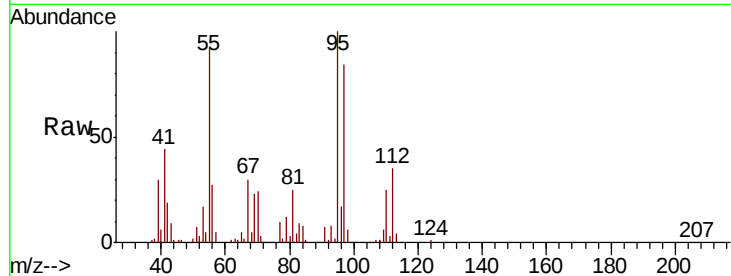
Ion Ratio Lower Upper

97 100

83 9.7 69.7 104.5#

85 1.0 44.5 66.7#

99 0.4 49.6 74.4#



#56

Ethyl methacrylate

Concen: 1.385 ug/l

RT: 10.53 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

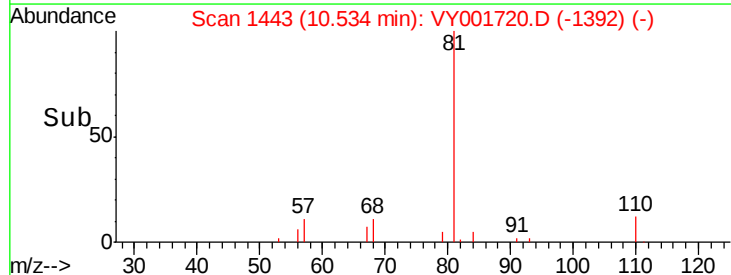
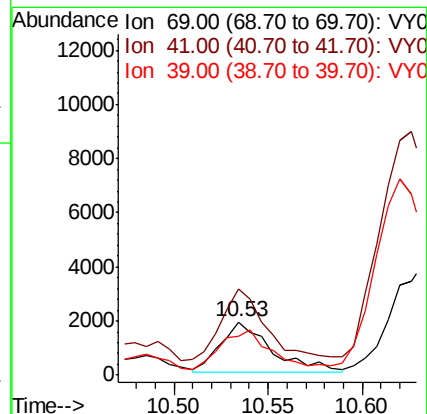
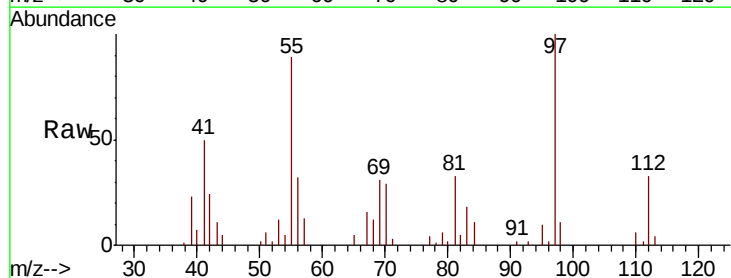
Tgt Ion: 69 Resp: 3521

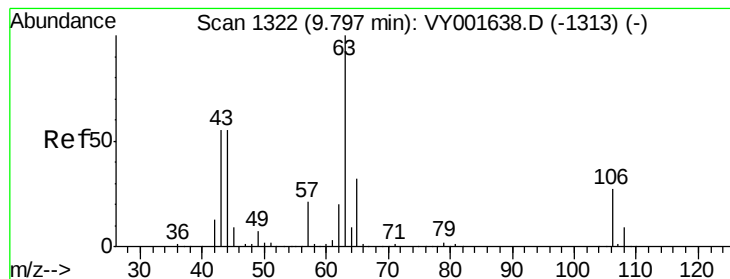
Ion Ratio Lower Upper

69 100

41 155.1 51.0 76.4#

39 76.6 24.7 37.1#





#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 9.77 min Scan# 1317

Delta R.T. -0.03 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

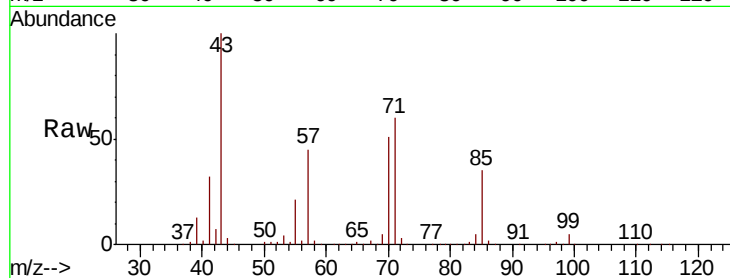
ClientSampled :

Tot Ion: 63 Resp: 1077

Ion Ratio Lower Upper

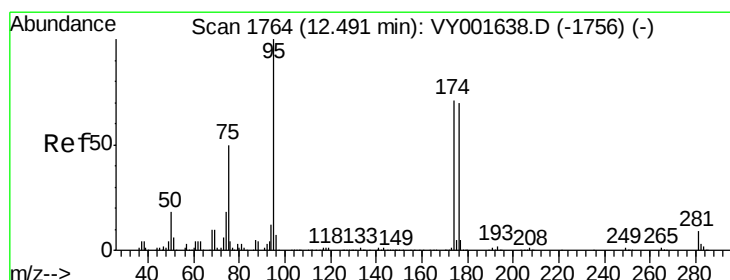
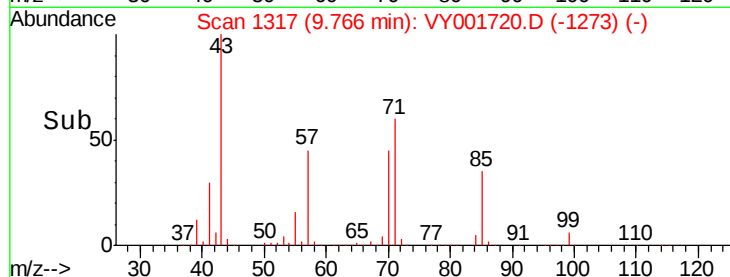
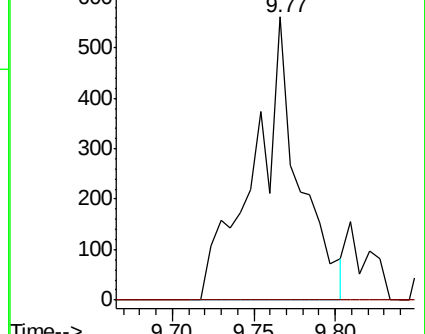
63 100

106 0.0 21.6 32.4#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



#62

4-Bromofluorobenzene

Concen: 47.884 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

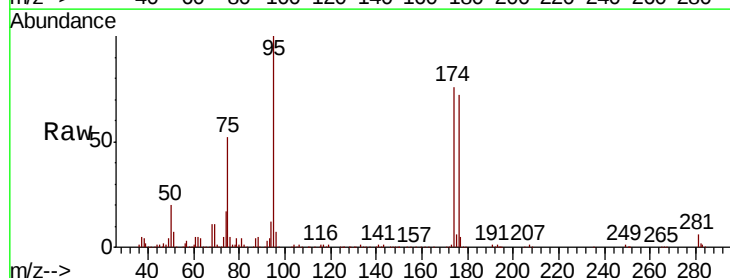
Tgt Ion: 95 Resp: 130403

Ion Ratio Lower Upper

95 100

174 74.2 0.0 138.4

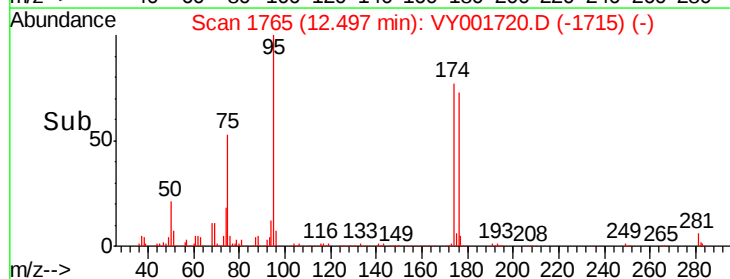
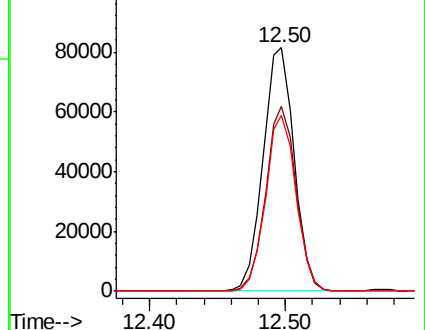
176 70.9 0.0 131.8

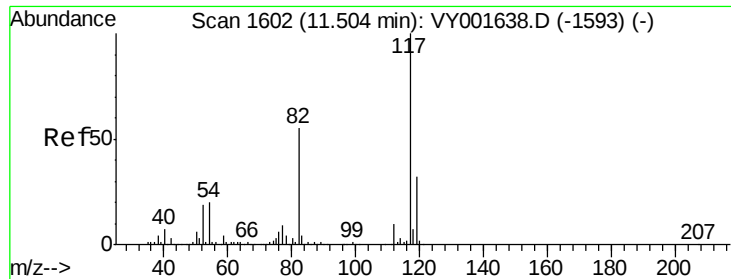


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

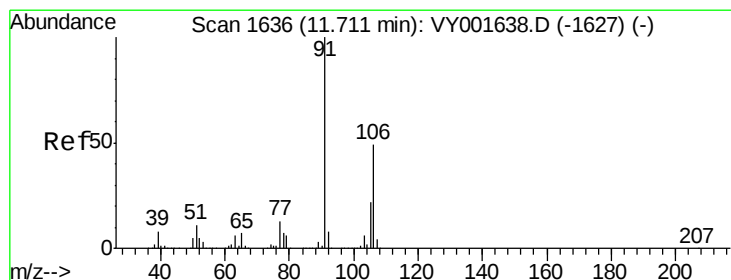
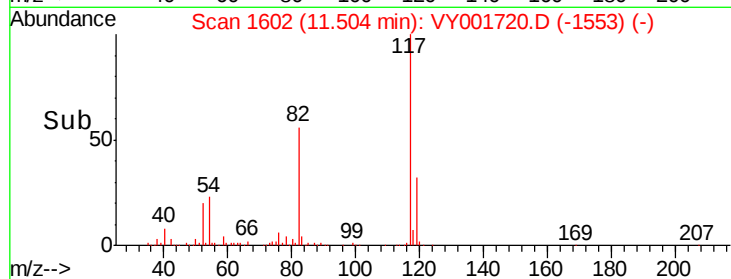
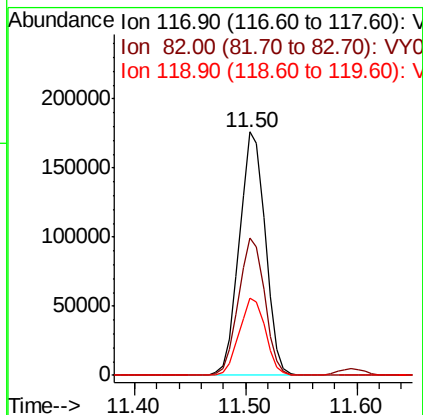
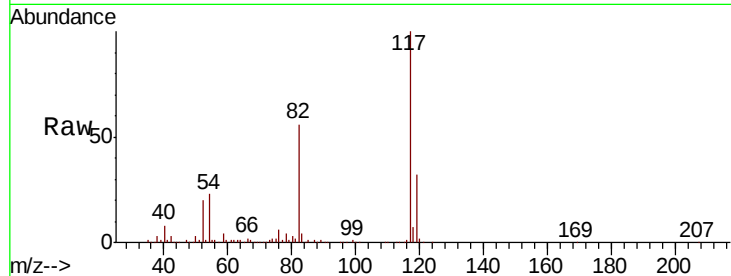




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

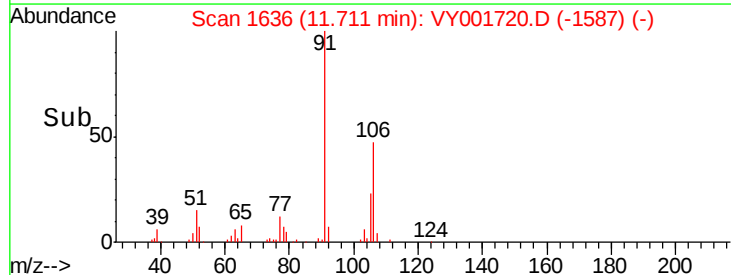
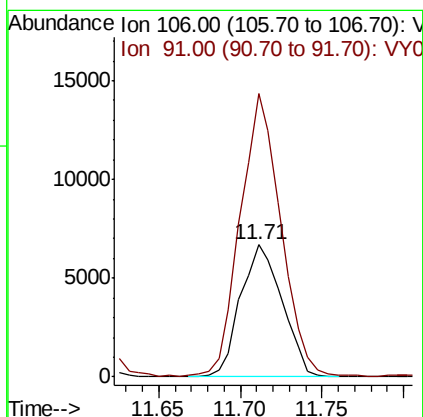
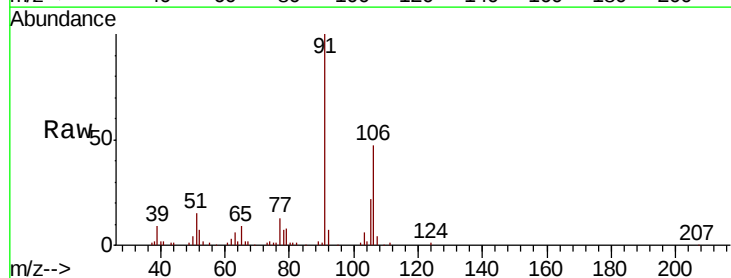
Instrument :
MSVOA_Y
ClientSampleId :

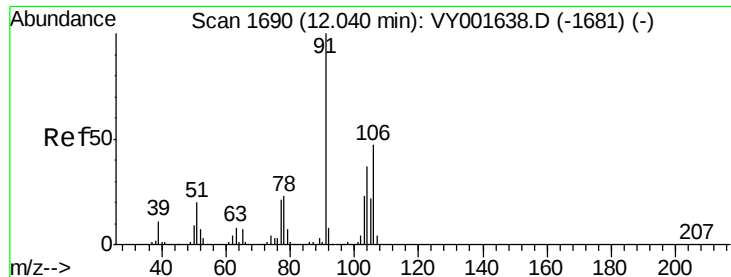
Tot Ion:117 Resp: 284057
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 31.8 25.8 38.6



#68
m/p-Xylenes
Concen: 3.033 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion:106 Resp: 11922
Ion Ratio Lower Upper
106 100
91 209.7 163.3 244.9

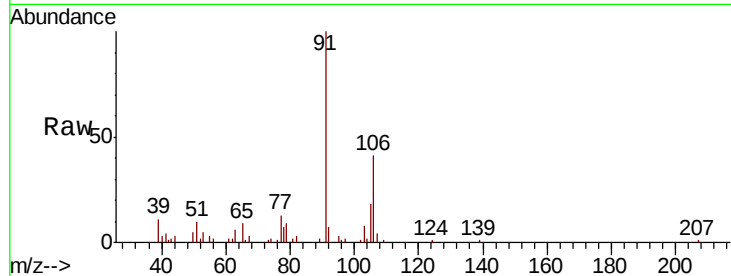




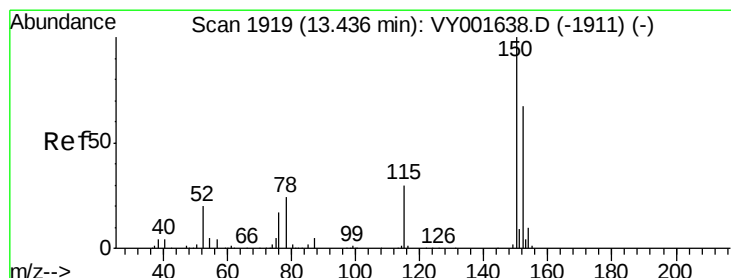
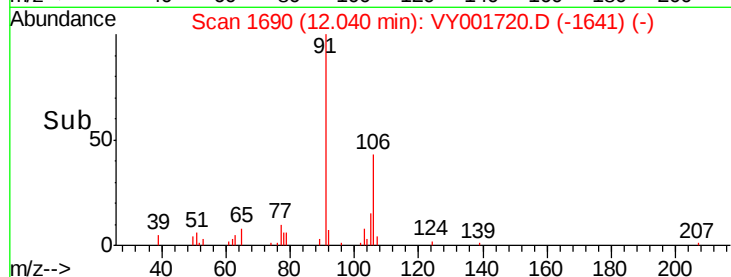
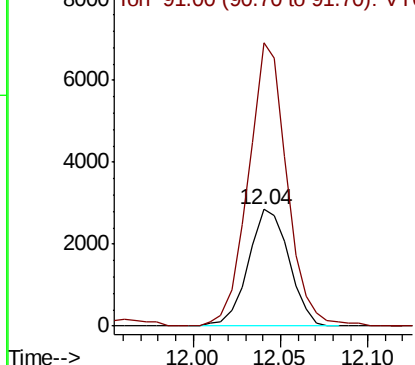
#69
o-Xylene
Concen: 1.232 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 4603
Ion Ratio Lower Upper
106 100
91 230.4 108.3 324.9

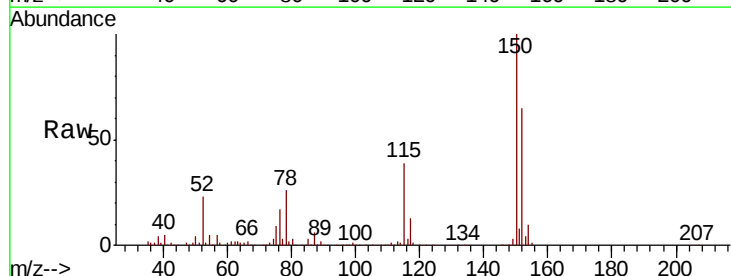


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

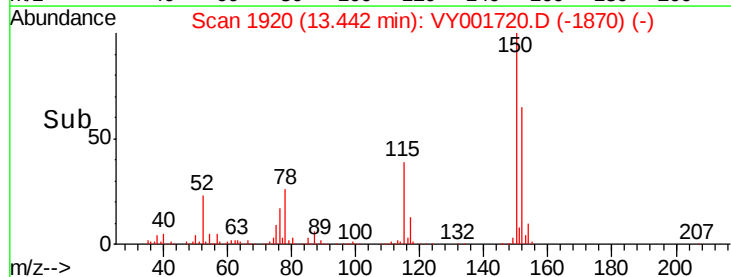
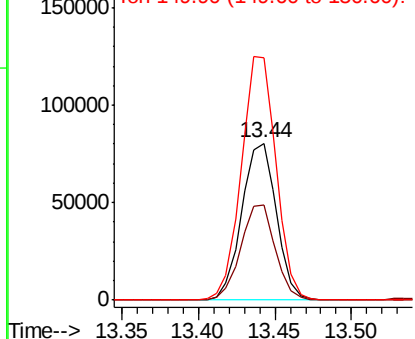


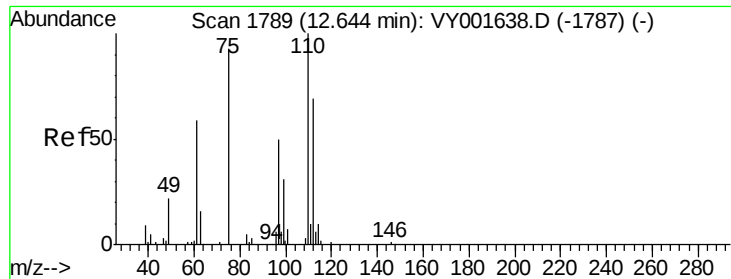
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion:152 Resp: 126258
Ion Ratio Lower Upper
152 100
115 60.6 31.4 94.2
150 155.7 0.0 407.2



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





#76

1,2,3-Trichloropropane

Concen: 46.650 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.15 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

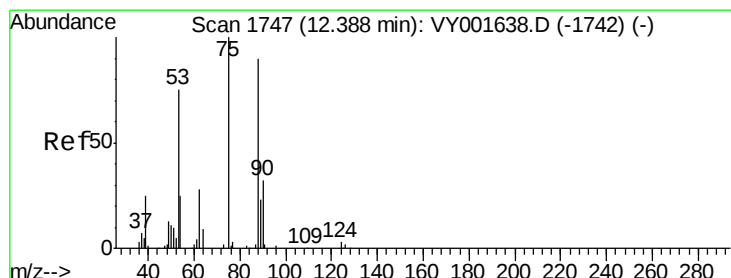
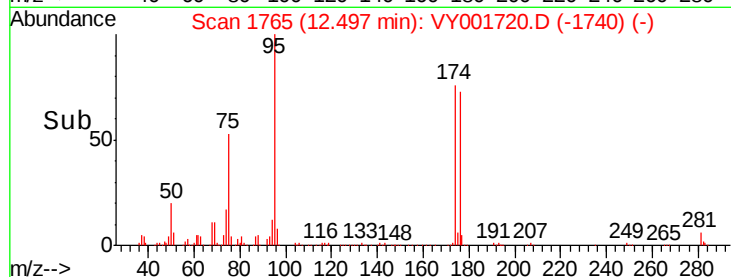
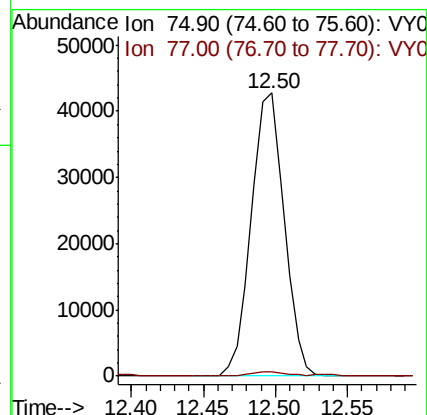
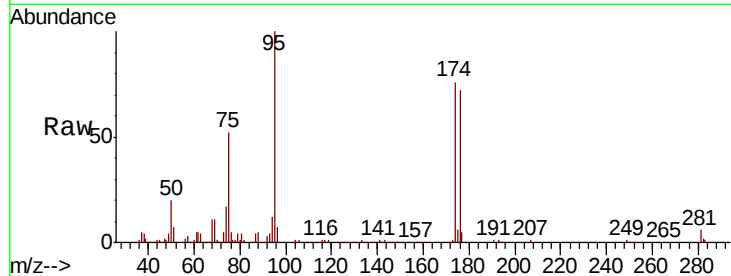
ClientSampleId :

Tot Ion: 75 Resp: 67565

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.503 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.11 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

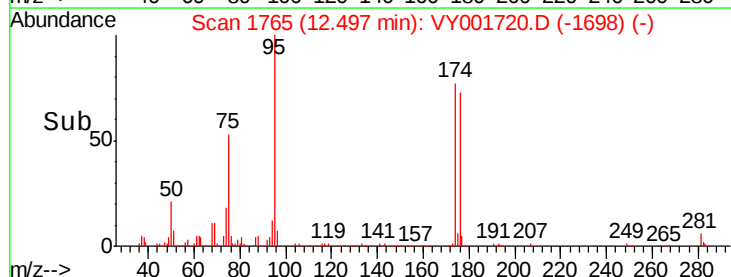
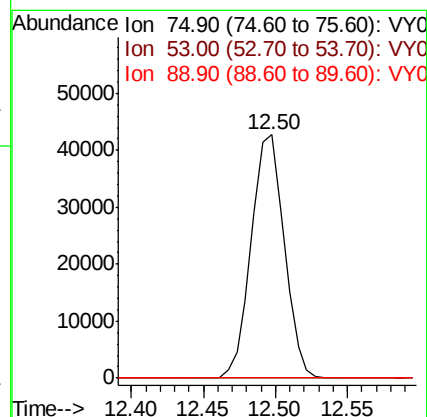
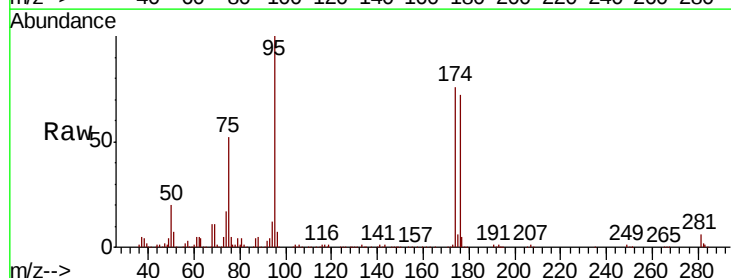
Tgt Ion: 75 Resp: 67565

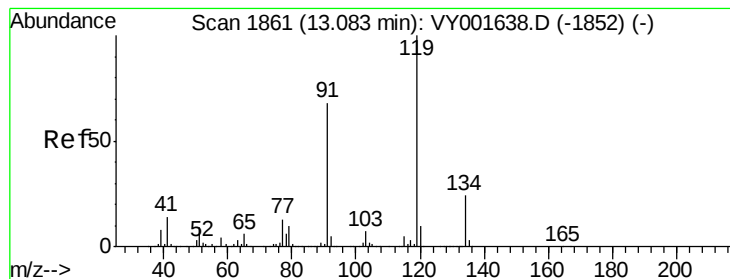
Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.2 36.3 54.5#





#83

tert-Butylbenzene

Concen: 1.455 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

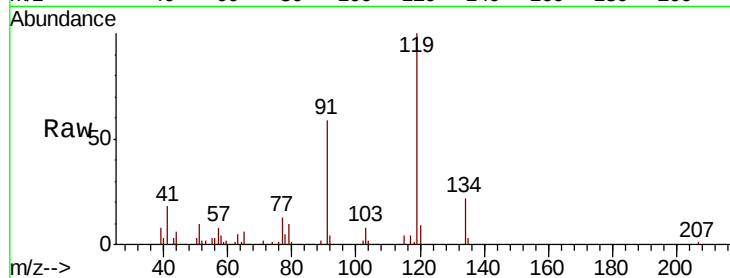
Tot Ion:119 Resp: 9689

Ion Ratio Lower Upper

119 100

91 71.2 33.5 100.5

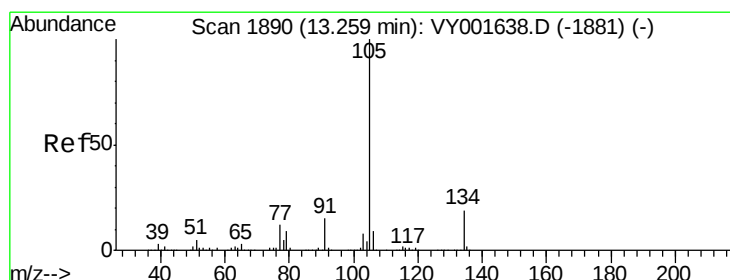
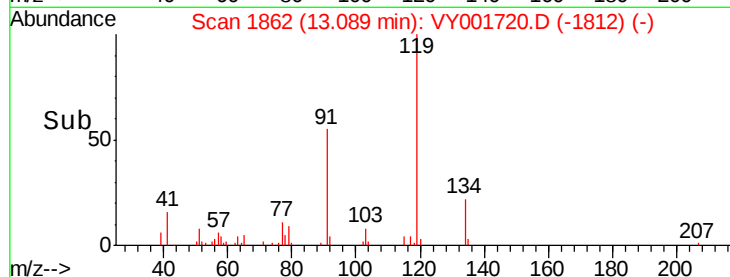
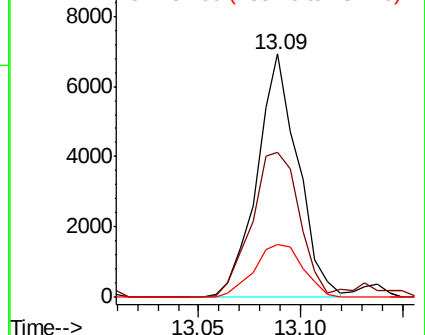
134 26.0 13.3 39.8



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



#85

sec-Butylbenzene

Concen: 4.194 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001720.D

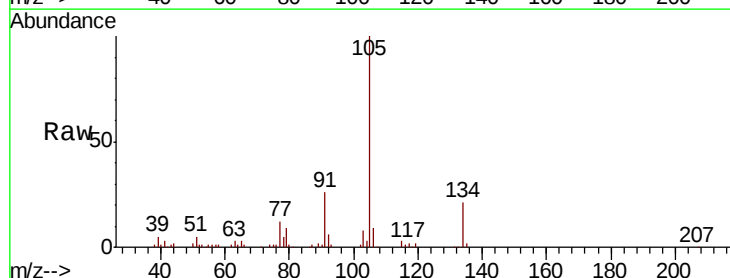
Acq: 20 Feb 2020 13:43

Tgt Ion:105 Resp: 41077

Ion Ratio Lower Upper

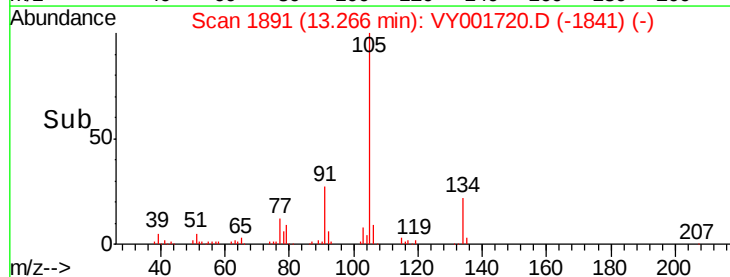
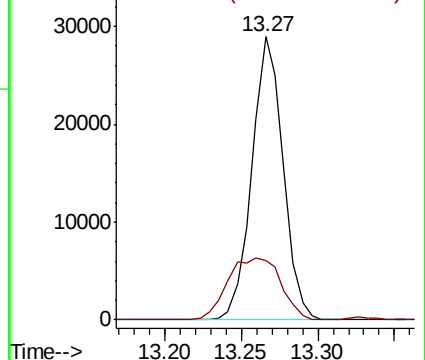
105 100

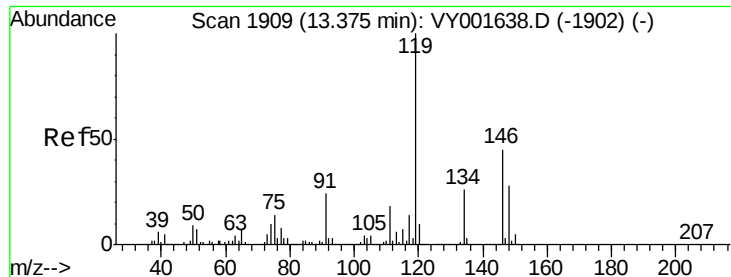
134 37.2 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

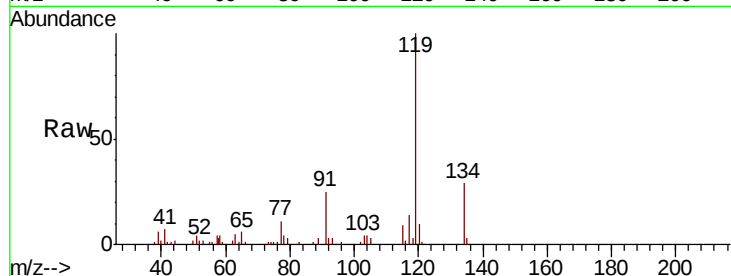




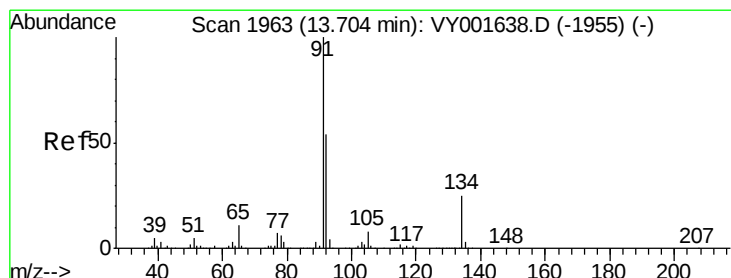
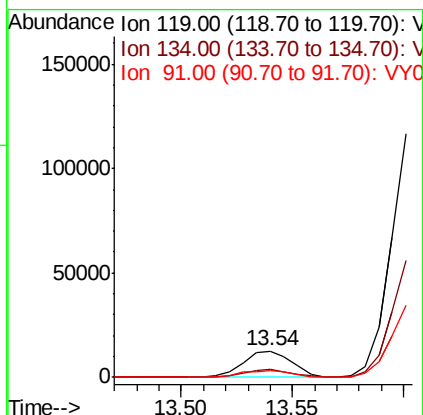
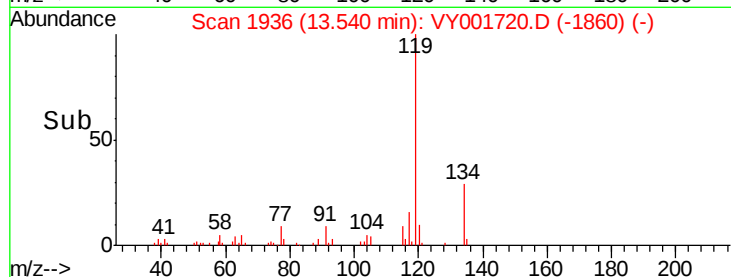
#86
p-Isopropyltoluene
Concen: 2.262 ug/l
RT: 13.54 min Scan# 1936
Delta R.T. 0.16 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.0	39.0
91	26.4	12.2	36.6

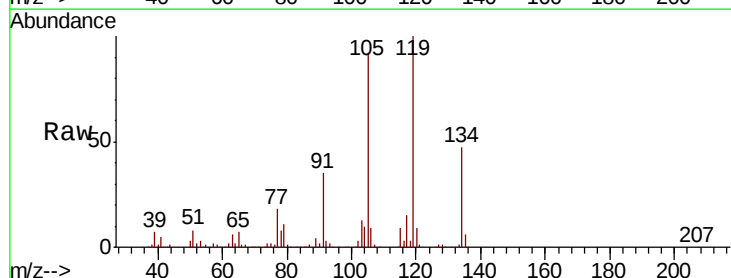


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

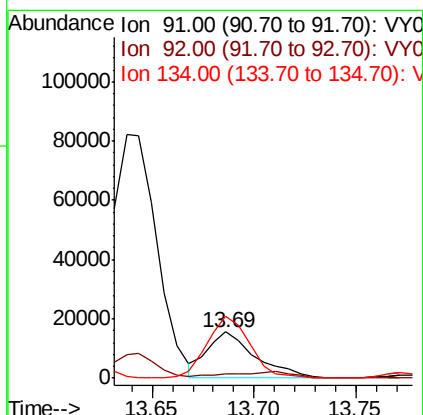
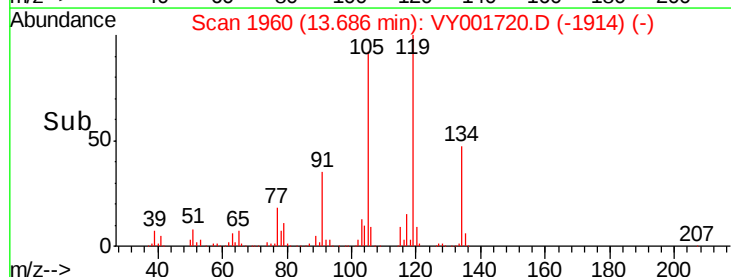


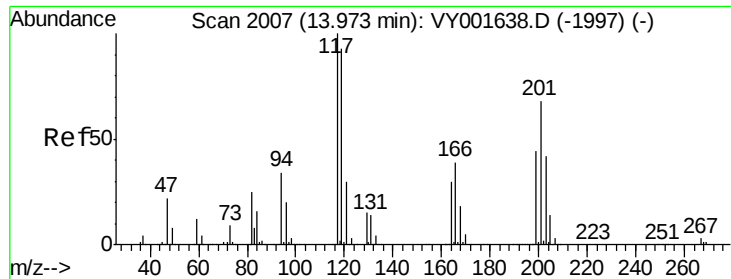
#89
n-Butylbenzene
Concen: 2.930 ug/l
RT: 13.69 min Scan# 1960
Delta R.T. -0.02 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.5	82.4#
134	120.4	12.4	37.4#



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 29.451 ug/l

RT: 14.05 min Scan# 2019

Delta R.T. 0.07 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:117 Resp: 47211

Ion Ratio Lower Upper

117 100

201 0.0 32.5 97.4#

