

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002986.D
 Acq On : 22 Jun 2020 20:08
 Operator : SY/MD
 Sample : L3082-05
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Quant Time: Jun 23 08:21:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	287568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	439346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	423315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	226590	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	132497	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
35) Dibromofluoromethane	7.72	113	132124	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.18	98	502954	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.48	95	189957	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.97	59	2265	Below Cal	#	74
13) Acrolein	3.96	56	1054	4.417	ug/l #	77
16) Acetone	3.96	43	7515	12.774	ug/l	96
18) Methyl Acetate	4.49	43	693	Below Cal	#	71
20) Methylene Chloride	4.72	84	30043	4.506	ug/l	90
25) 2-Butanone	6.99	43	2463	2.794	ug/l #	79
31) Cyclohexane	7.79	56	7511	1.842	ug/l #	33
36) 1,1-Dichloropropene	7.80	75	15902	4.457	ug/l #	48
38) Carbon Tetrachloride	7.80	117	23836	6.062	ug/l #	16
39) Methylcyclohexane	9.19	83	6365	1.353	ug/l	88
48) Methyl methacrylate	9.32	41	1992	1.203	ug/l #	33
51) 4-Methyl-2-Pentanone	10.11	43	5100	2.609	ug/l #	78
52) Toluene	10.24	92	69055	10.044	ug/l	98
55) 1,1,2-Trichloroethane	10.61	97	2284	1.004	ug/l #	21
67) Ethyl Benzene	11.59	91	92524	6.694	ug/l	98
68) m/p-Xylenes	11.70	106	161847	30.134	ug/l	98
69) o-Xylene	12.03	106	76278	15.067	ug/l	99
73) Isopropylbenzene	12.33	105	71167	5.125	ug/l	99
76) 1,2,3-Trichloropropane	12.48	75	90906	46.066	ug/l #	100
77) Bromobenzene	12.68	156	8583	2.361	ug/l #	15
78) n-propylbenzene	12.67	91	137522	8.536	ug/l	97
79) 2-Chlorotoluene	12.73	91	34909	3.868	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.81	105	171946	14.852	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.48	75	90906	87.950	ug/l #	17
82) 4-Chlorotoluene	12.81	91	17134	1.805	ug/l #	38
83) tert-Butylbenzene	13.12	119	76701	7.397	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.12	105	599037	51.422	ug/l	99
85) sec-Butylbenzene	13.12	105	599037	42.467	ug/l #	54
86) p-Isopropyltoluene	13.31	119	14378	1.087	ug/l	95
89) n-Butylbenzene	13.69	91	19822	1.657	ug/l #	69
90) Hexachloroethane	13.97	117	9487	3.849	ug/l #	4
95) Naphthalene	15.23	128	133318	14.291	ug/l	99

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QLast Update : Sat Jun 20 06:39:15 2020
Response via : Initial Calibration

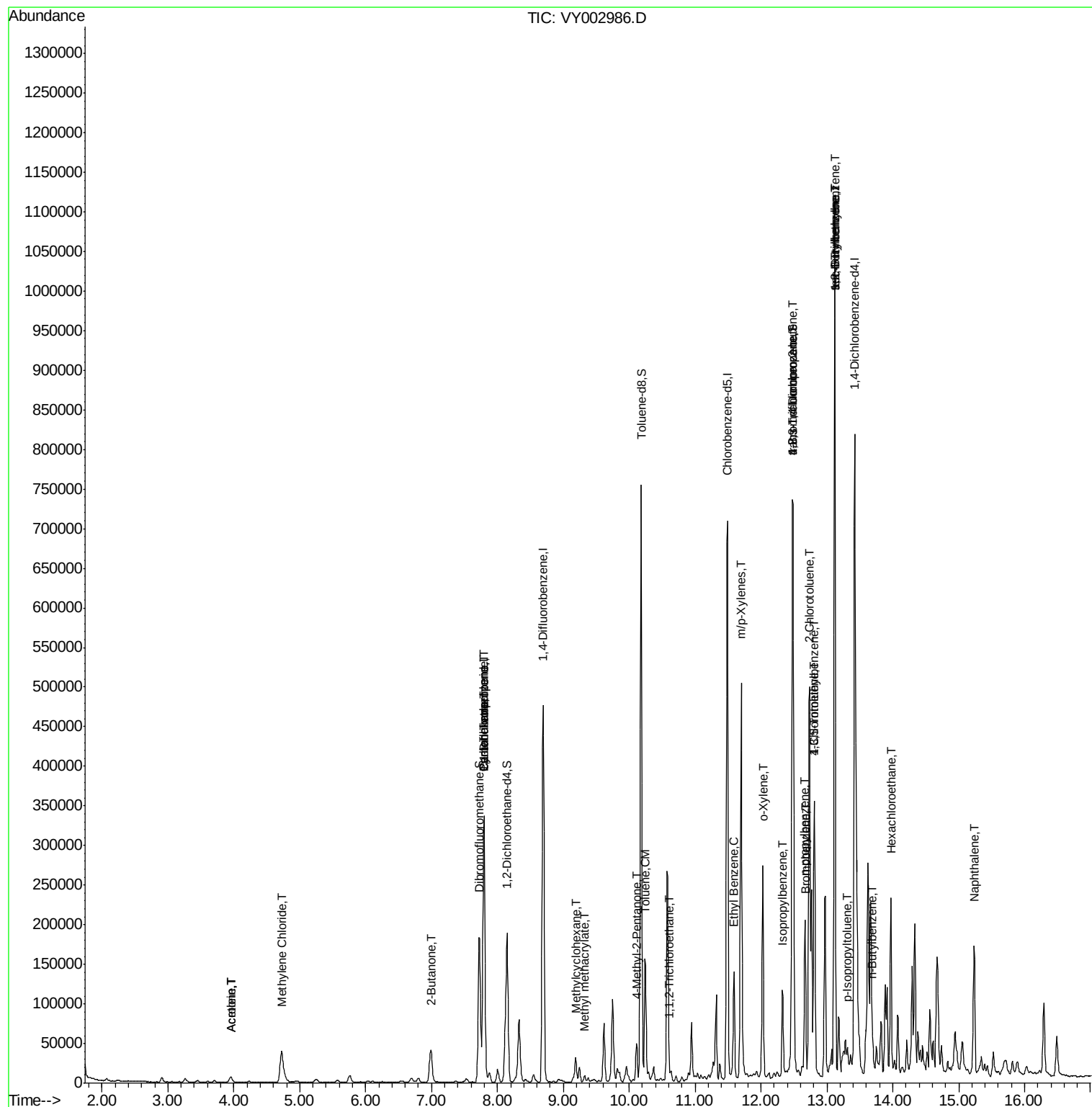
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

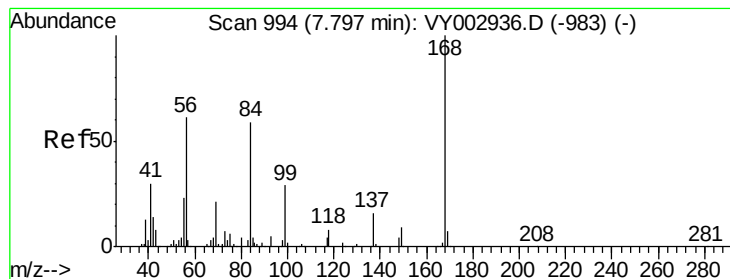
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

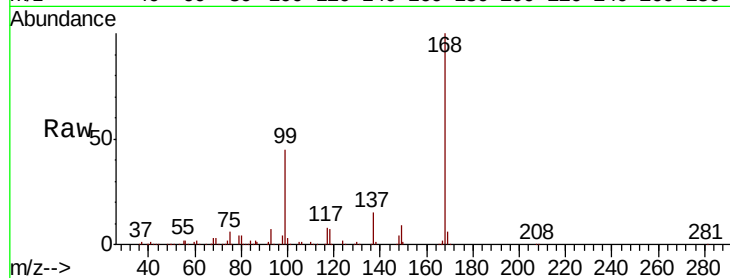
SB-5

Tot Ion:168 Resp: 287568

Ion Ratio Lower Upper

168 100

99 45.5 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

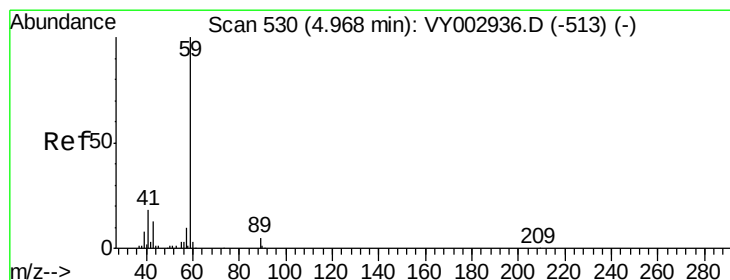
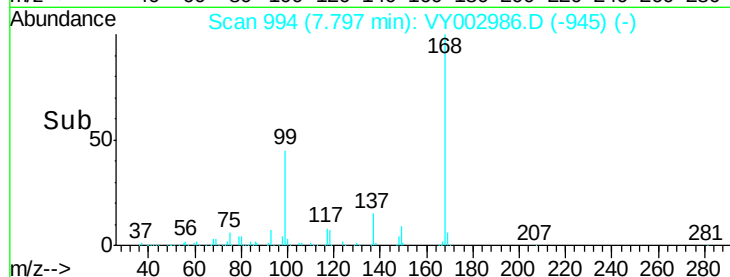
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY002986.D

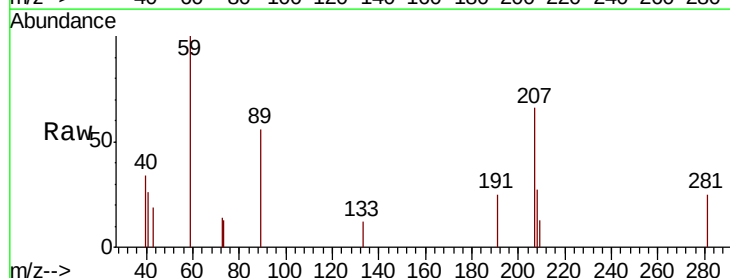
Acq: 22 Jun 2020 20:08

Tgt Ion: 59 Resp: 2265

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY002936.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002936.D (-513) (-)

4.97

500

400

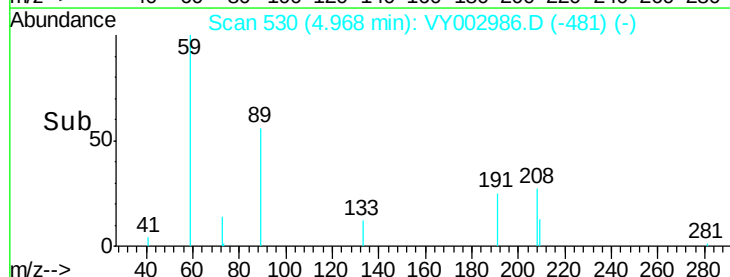
300

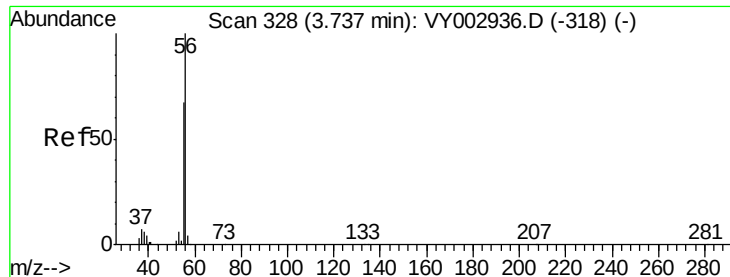
200

100

0

Time-->





#13

Acrolein

Concen: 4.417 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.22 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

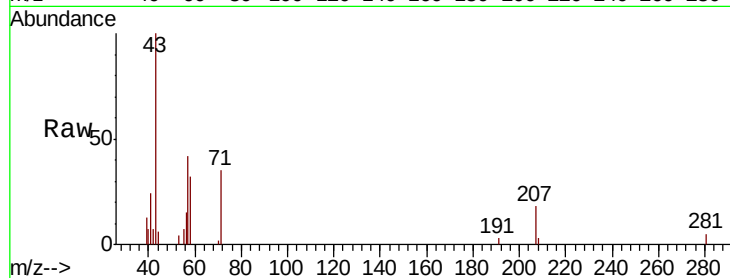
SB-5

Tot Ion: 56 Resp: 1054

Ion Ratio Lower Upper

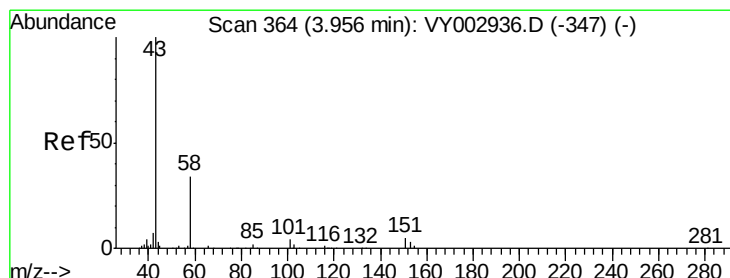
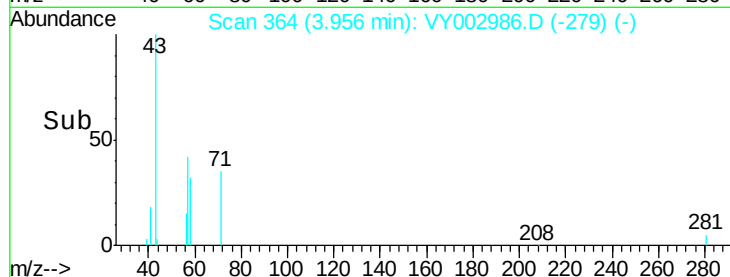
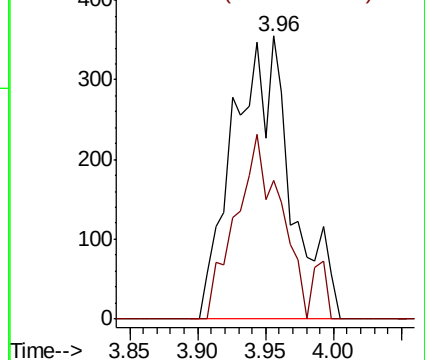
56 100

55 50.5 55.3 82.9#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: 12.774 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002986.D

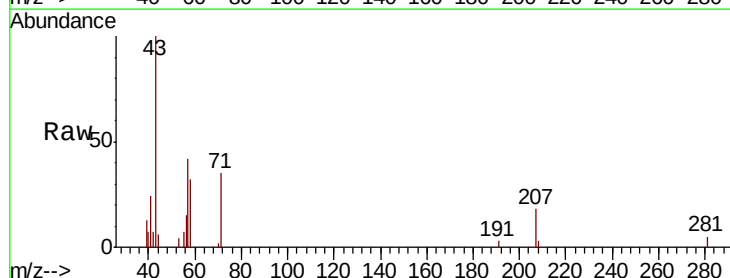
Acq: 22 Jun 2020 20:08

Tgt Ion: 43 Resp: 7515

Ion Ratio Lower Upper

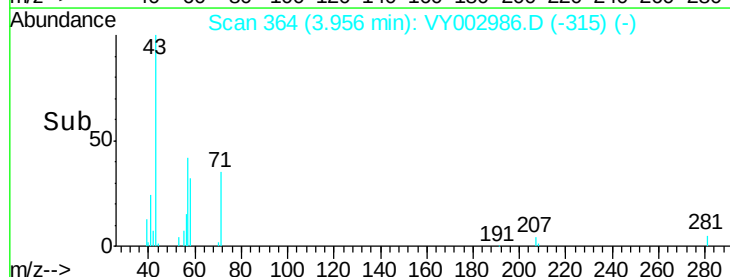
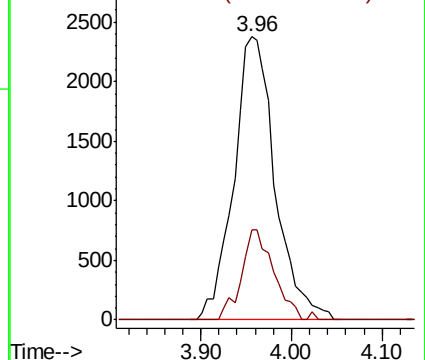
43 100

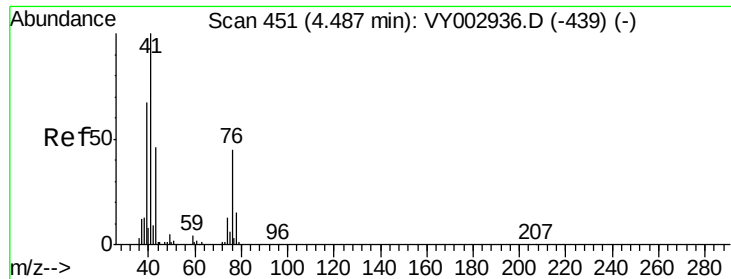
58 31.8 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

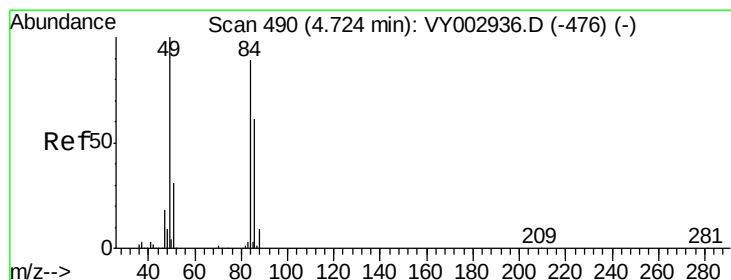
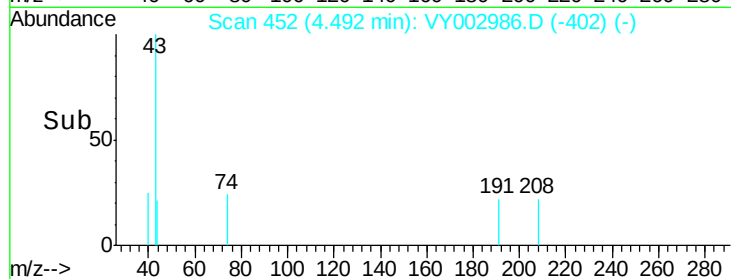
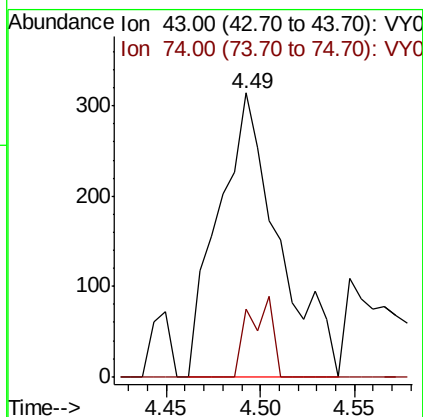
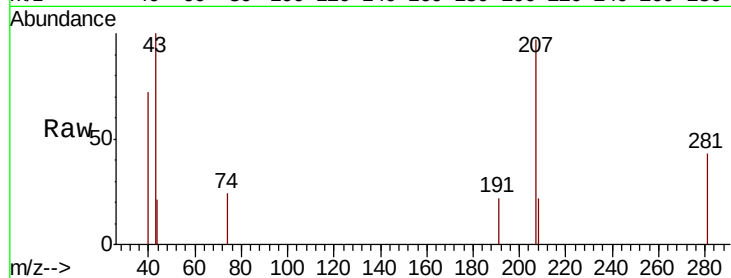




#18
Methyl Acetate
Concen: Below Cal
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

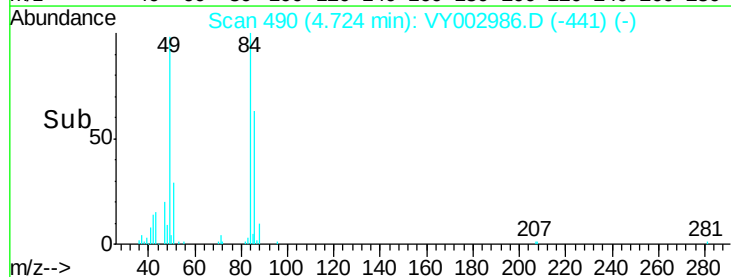
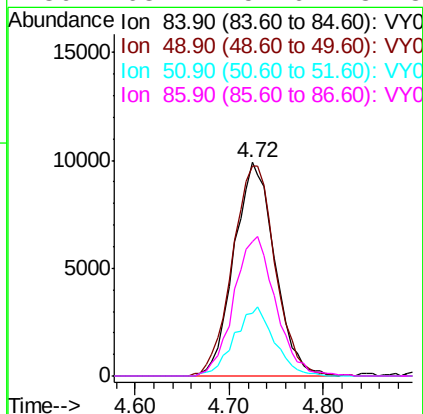
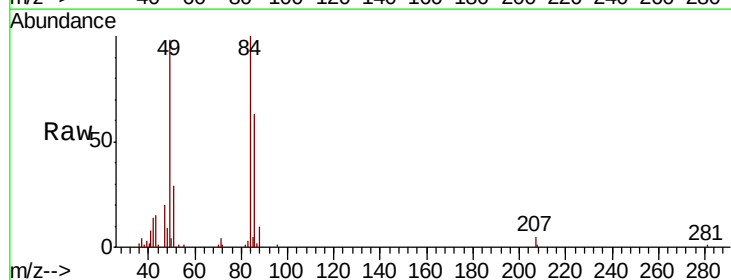
Instrument :
MSVOA_Y
ClientSampled :
SB-5

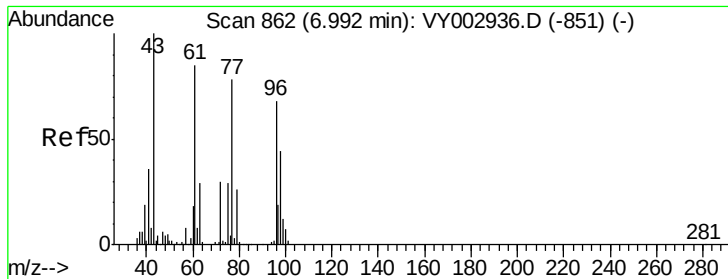
Tot Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
74 11.4 21.1 31.7#



#20
Methylene Chloride
Concen: 4.506 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

Tgt Ion: 84 Resp: 30043
Ion Ratio Lower Upper
84 100
49 98.2 90.0 135.0
51 29.4 27.9 41.9
86 63.2 54.6 81.8

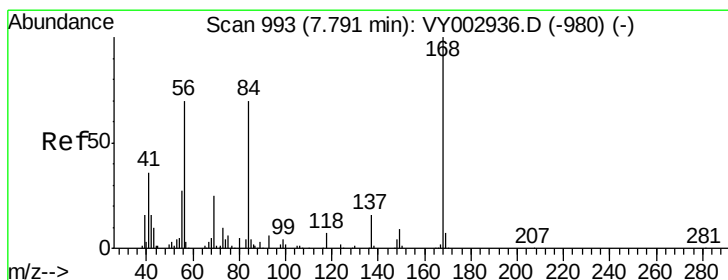
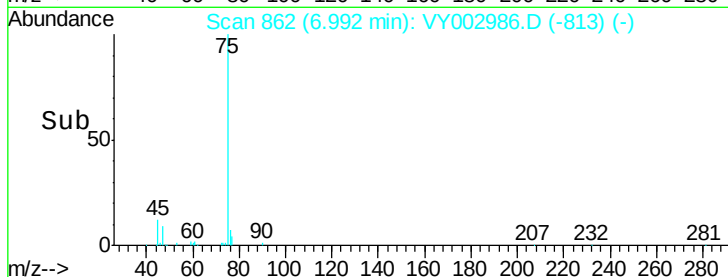
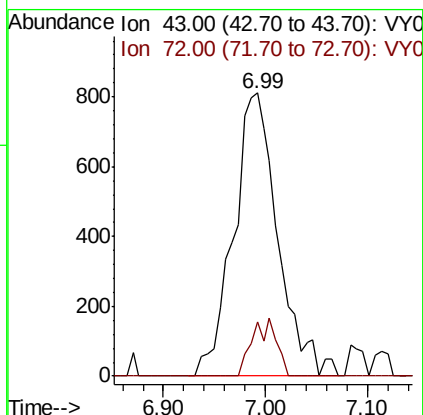
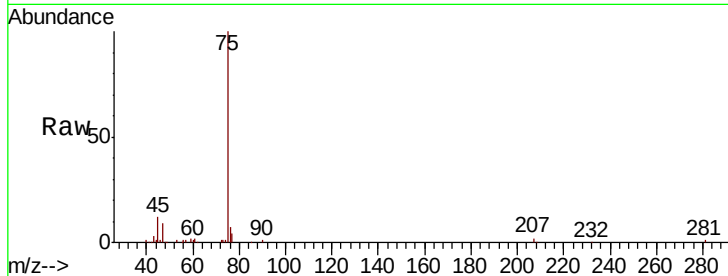




#25
2-Butanone
Concen: 2.794 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

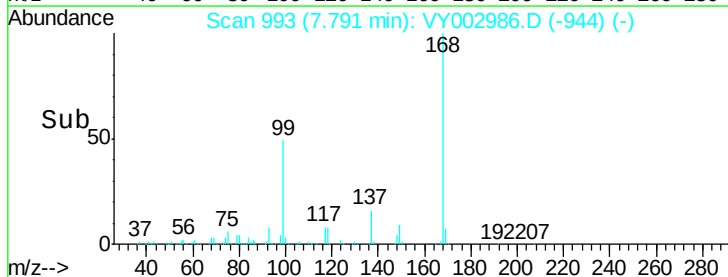
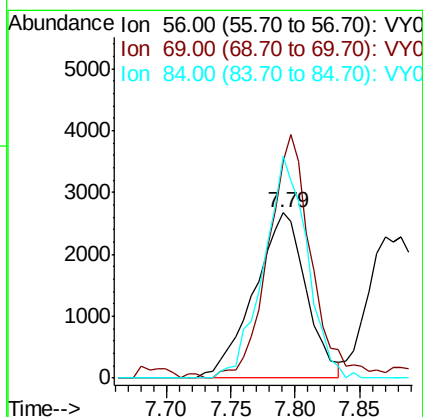
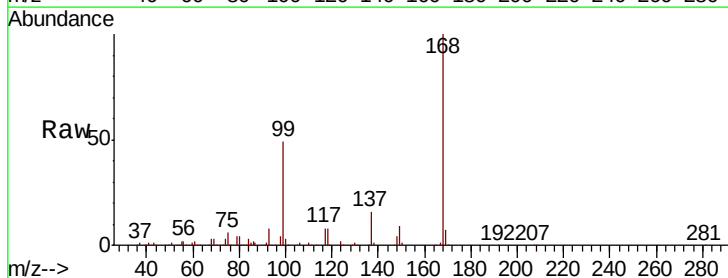
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ClientSampleId :
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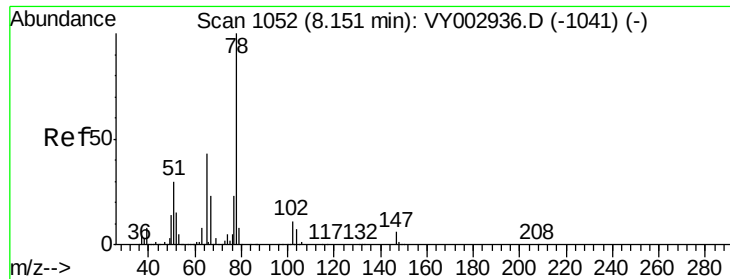
Tot Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
72 19.1 24.2 36.4#



#31
Cyclohexane
Concen: 1.842 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

Tgt Ion: 56 Resp: 7511
Ion Ratio Lower Upper
56 100
69 129.1 28.9 43.3#
84 134.0 80.1 120.1#

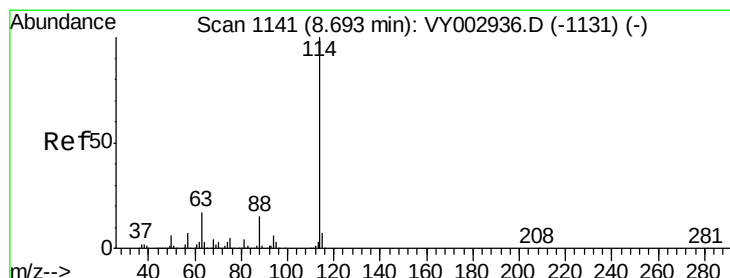
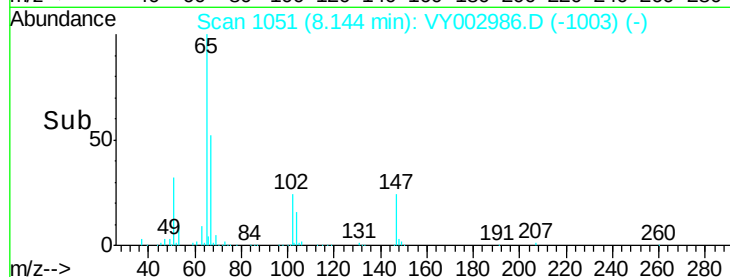
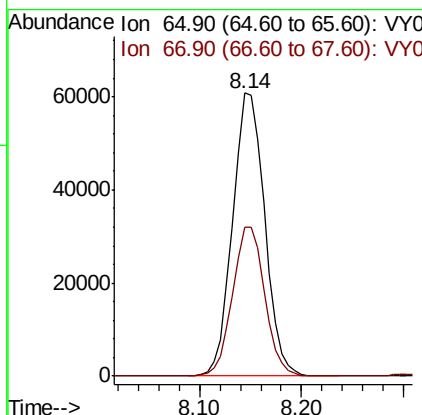
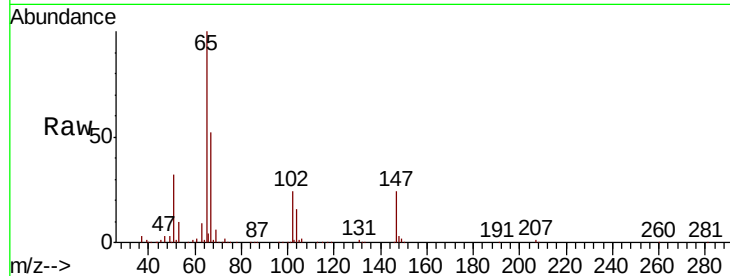




#33
 1,2-Dichloroethane-d4
 Concen: 55.782 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002986.D
 Acq: 22 Jun 2020 20:08

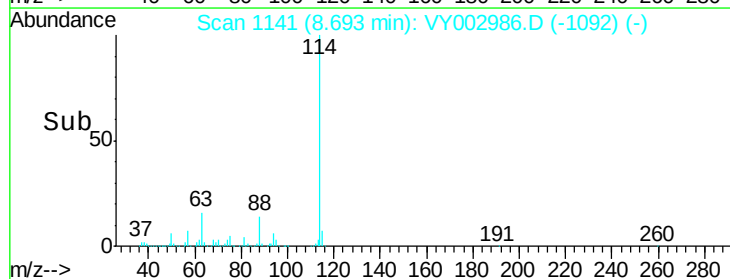
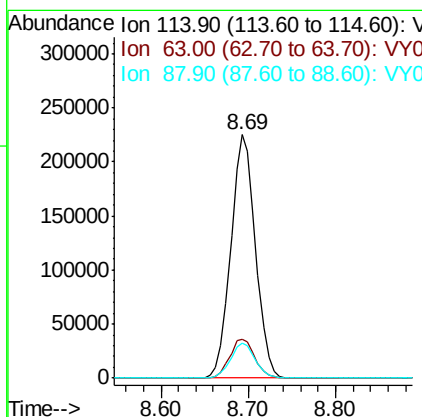
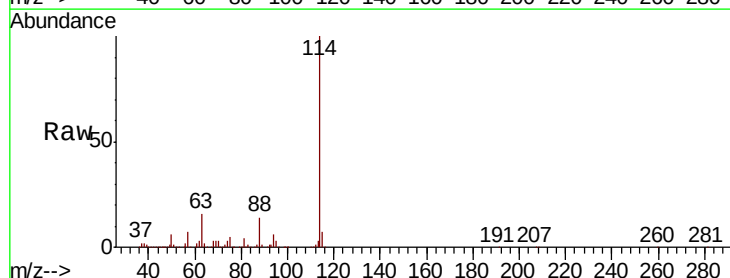
Instrument :
 MSVOA_Y
 ClientSampleId :
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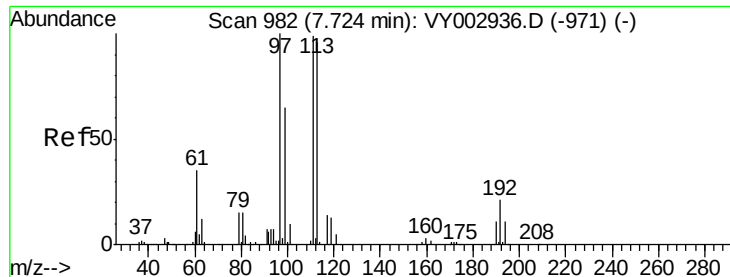
Tot Ion: 65 Resp: 132497
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002986.D
 Acq: 22 Jun 2020 20:08

Tgt Ion: 114 Resp: 439346
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 34.6
 88 14.3 0.0 29.2

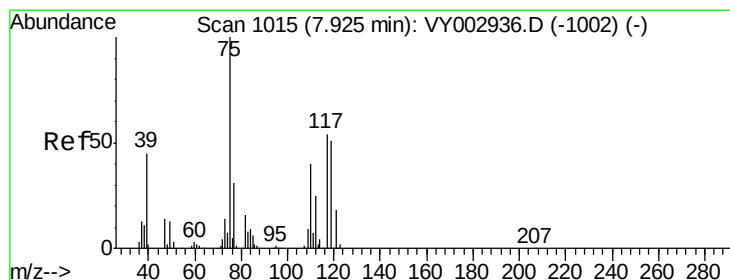
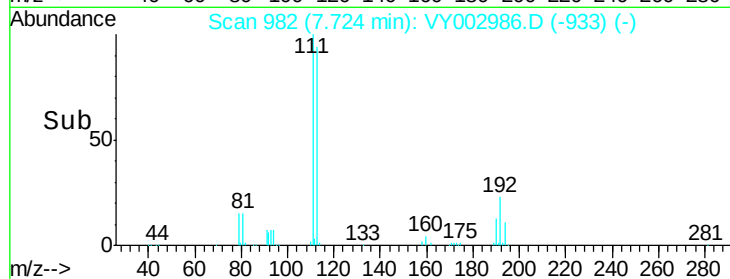
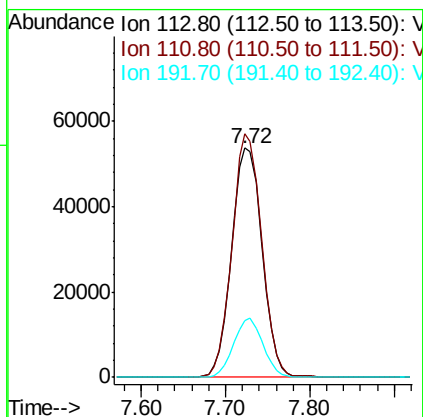
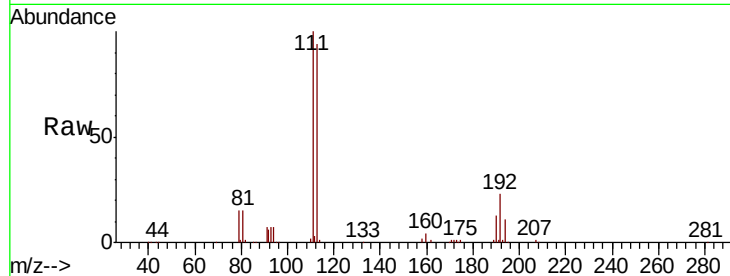




#35
Dibromofluoromethane
Concen: 53.149 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

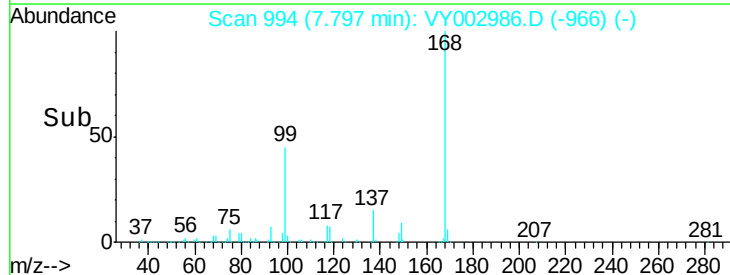
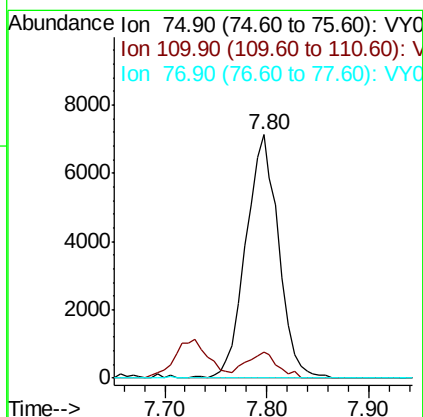
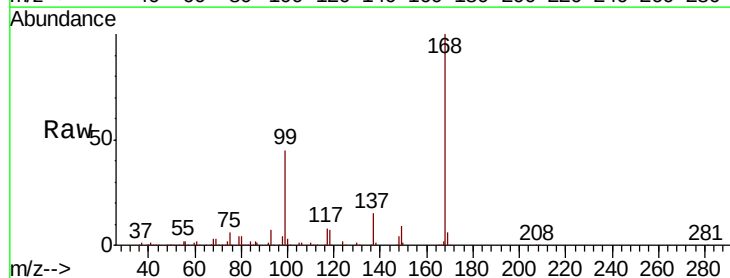
Instrument :
MSVOA_Y
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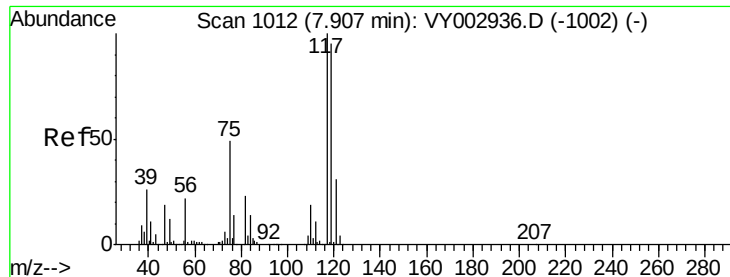
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	24.7	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.457 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.7	59.0#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.062 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

Instrument :

MSVOA_Y

ClientSampled :

SB-5

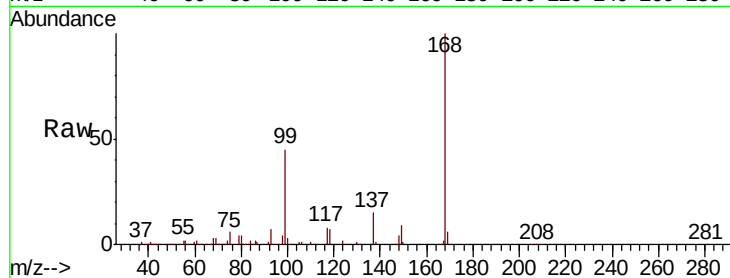
Tot Ion:117 Resp: 23836

Ion Ratio Lower Upper

117 100

119 5.2 76.1 114.1#

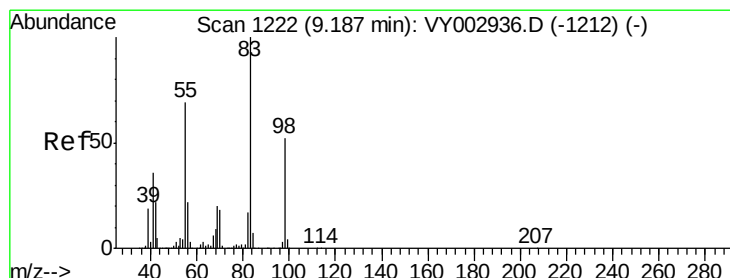
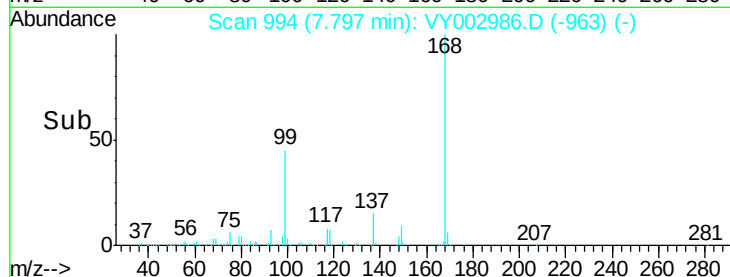
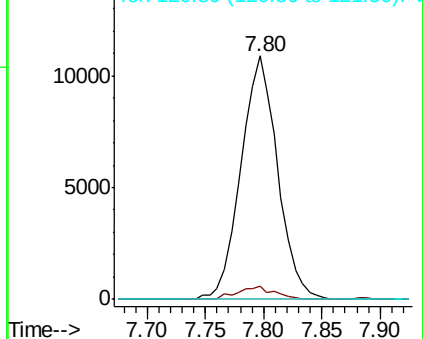
121 0.0 24.8 37.2#



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: 1.353 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

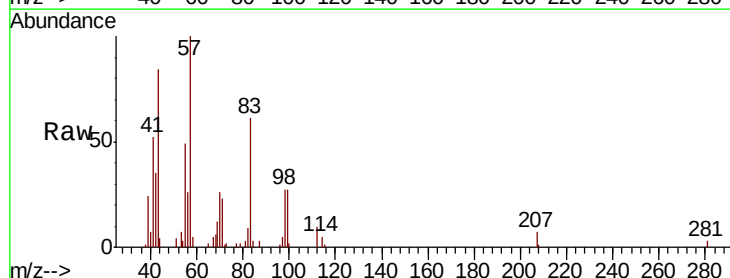
Tgt Ion: 83 Resp: 6365

Ion Ratio Lower Upper

83 100

55 78.8 55.0 82.4

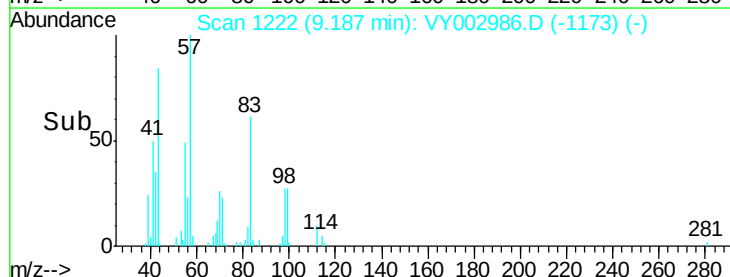
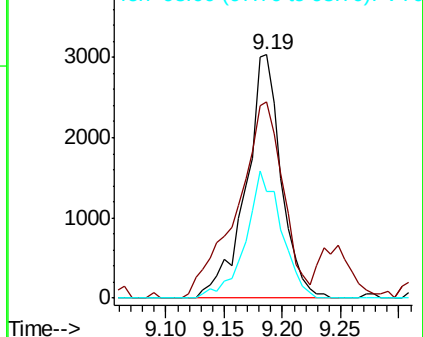
98 43.9 41.4 62.2

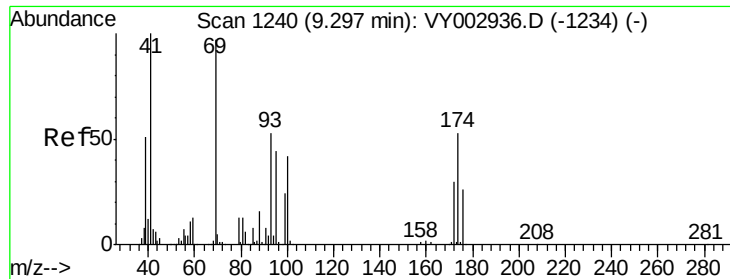


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0

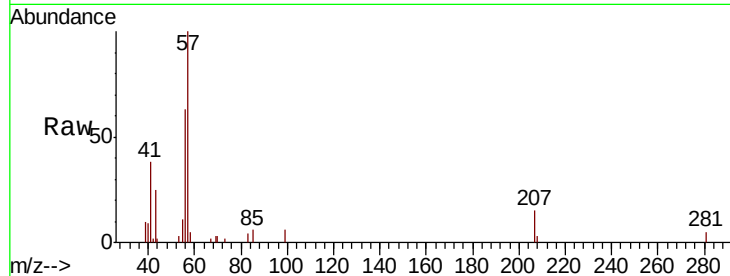




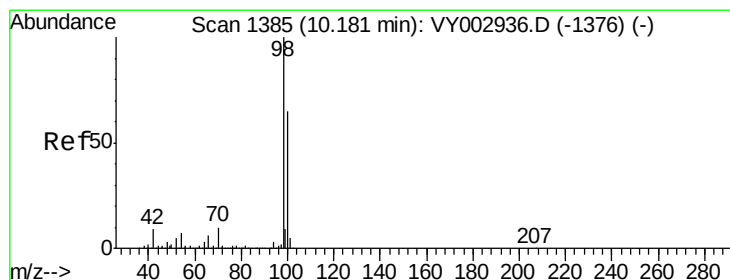
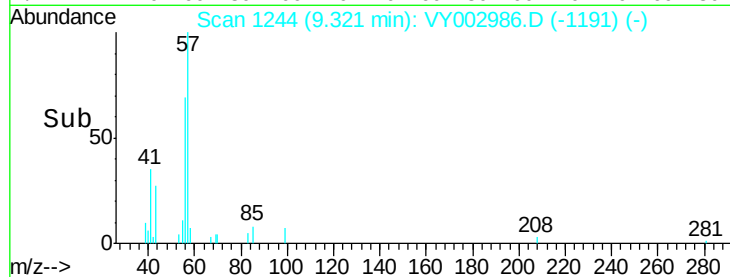
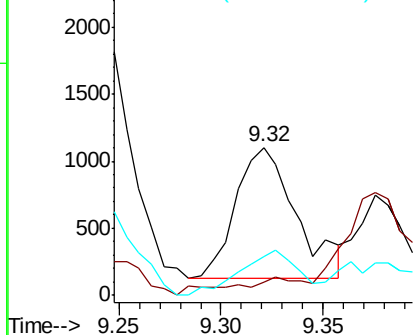
#48
Methvl methacrylate
Concen: 1.203 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

Instrument :
MSVOA_Y
ClientSampled :
SB-5

Tot Ion: 41 Resp: 1992
Ion Ratio Lower Upper
41 100
69 11.0 79.4 119.0#
39 33.0 41.1 61.7#

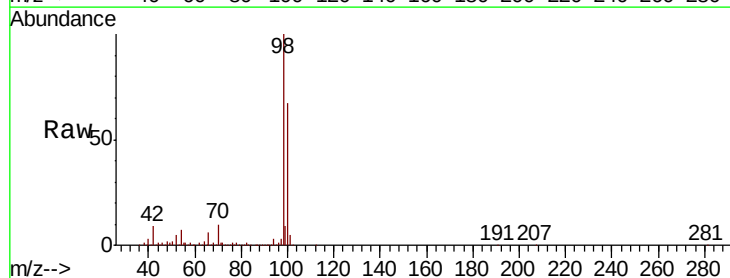


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

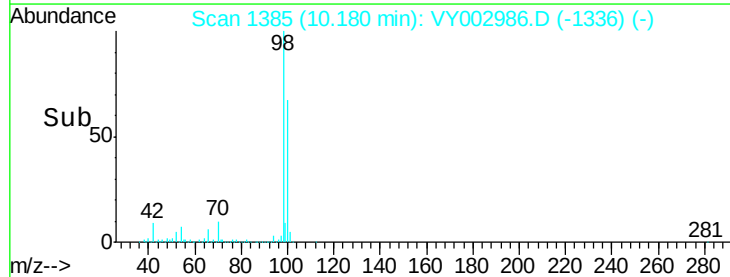
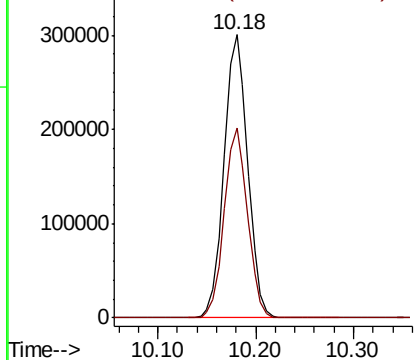


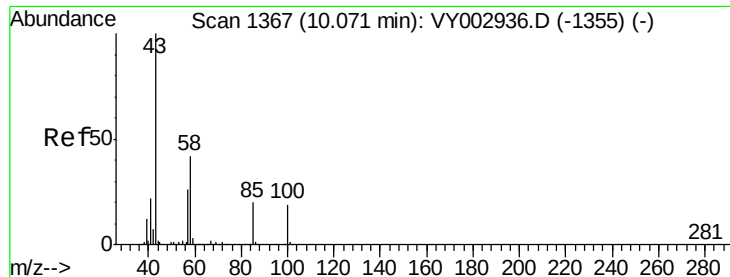
#50
Toluene-d8
Concen: 51.312 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

Tgt Ion: 98 Resp: 502954
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

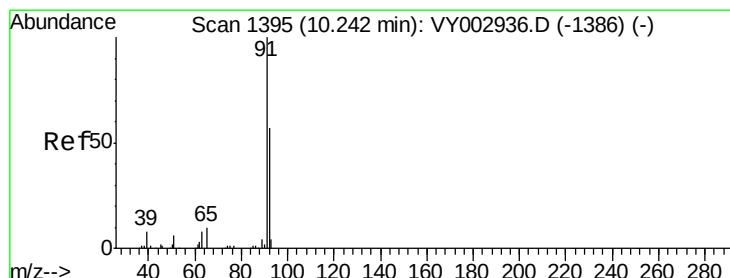
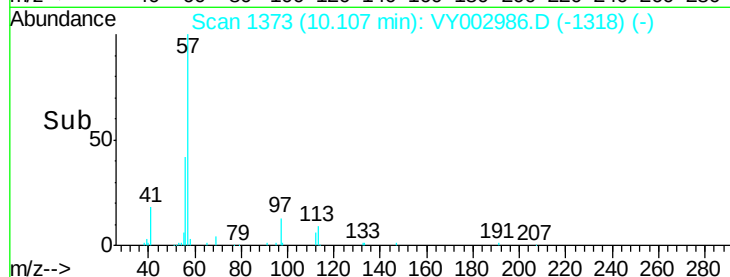
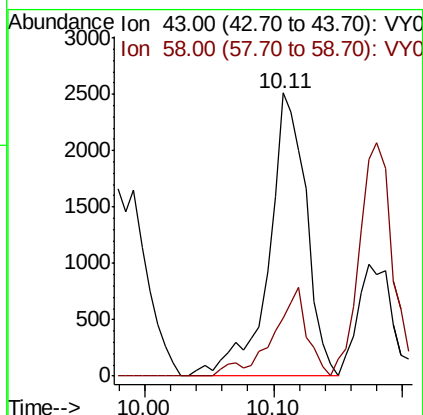
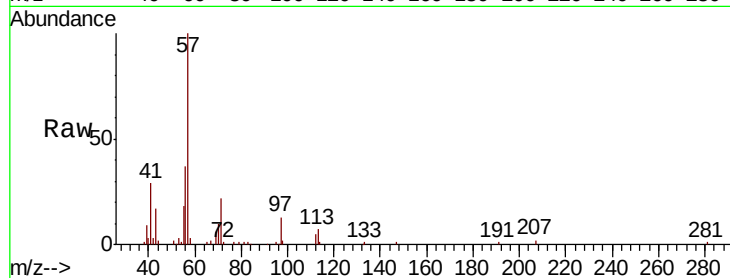




#51
4-Methyl-2-Pentanone
Concen: 2.609 ug/l
RT: 10.11 min Scan# 1373
Delta R.T. 0.04 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

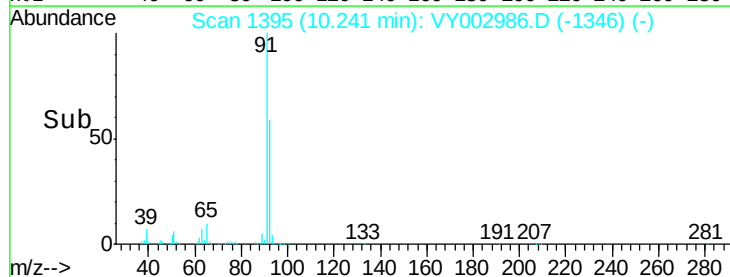
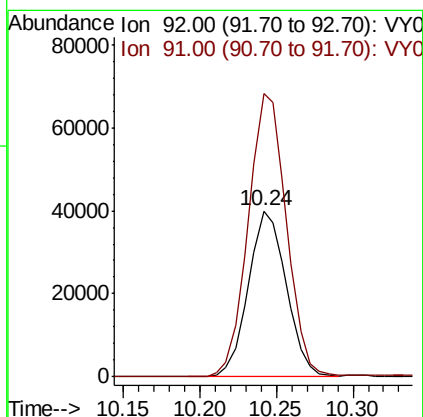
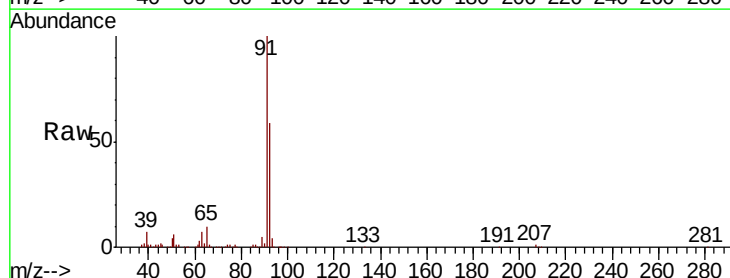
Instrument :
MSVOA_Y
ClientSampled :
SB-5

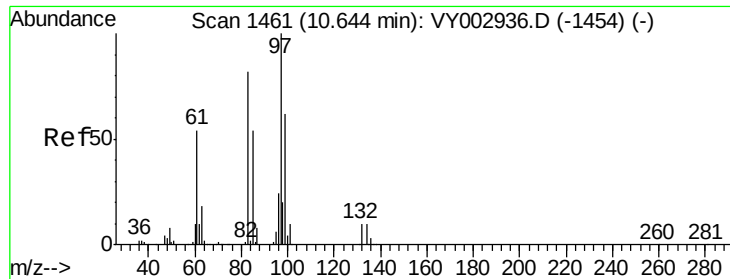
Tot Ion: 43 Resp: 5100
Ion Ratio Lower Upper
43 100
58 28.5 33.9 50.9#



#52
Toluene
Concen: 10.044 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

Tgt Ion: 92 Resp: 69055
Ion Ratio Lower Upper
92 100
91 171.3 139.3 208.9

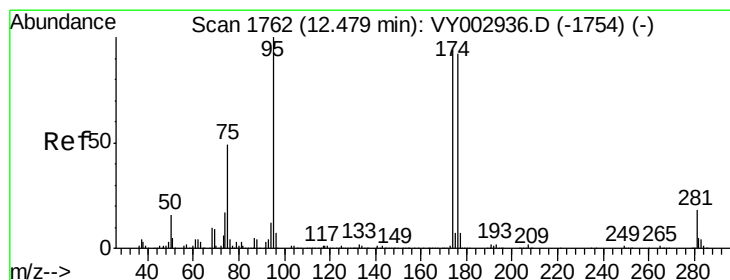
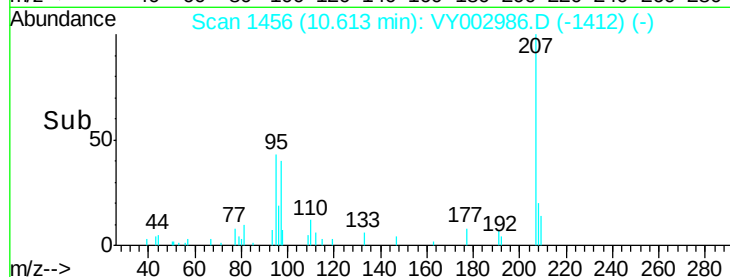
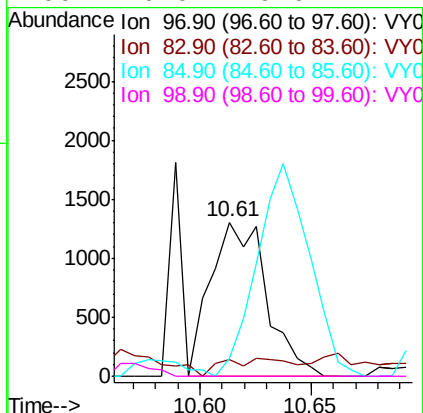
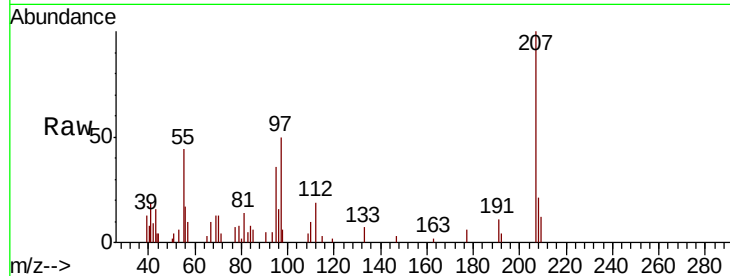




#55
 1,1,2-Trichloroethane
 Concen: 1.004 ug/l
 RT: 10.61 min Scan# 1456
 Delta R.T. -0.03 min
 Lab File: VY002986.D
 Acq: 22 Jun 2020 20:08

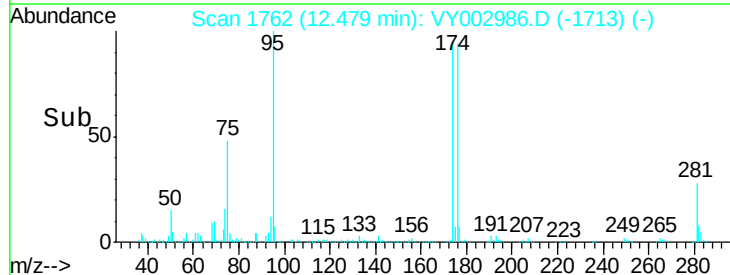
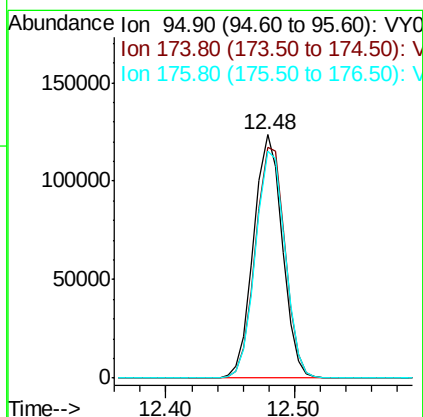
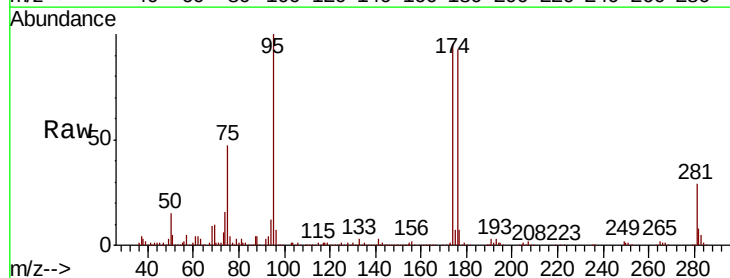
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-5

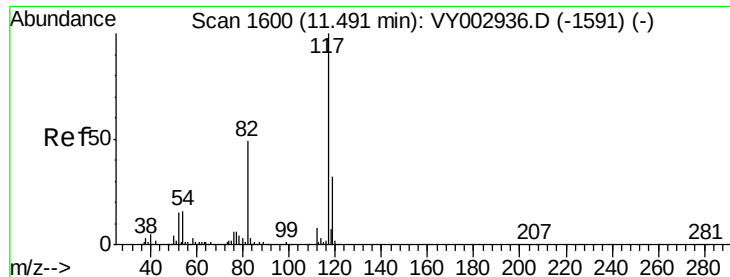
Tot Ion: 97 Resp: 2284
 Ion Ratio Lower Upper
 97 100
 83 3.8 65.9 98.9#
 85 7.0 43.1 64.7#
 99 0.0 49.6 74.4#



#62
 4-Bromofluorobenzene
 Concen: 55.869 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002986.D
 Acq: 22 Jun 2020 20:08

Tgt Ion: 95 Resp: 189957
 Ion Ratio Lower Upper
 95 100
 174 98.0 0.0 191.2
 176 95.8 0.0 186.0

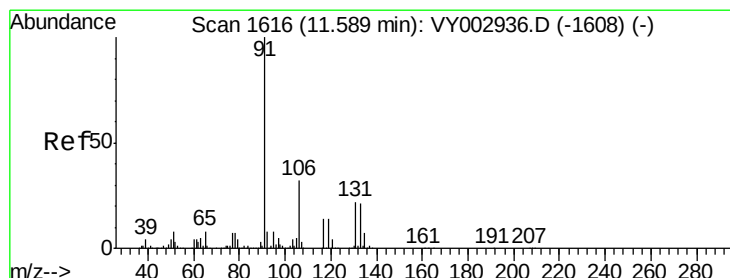
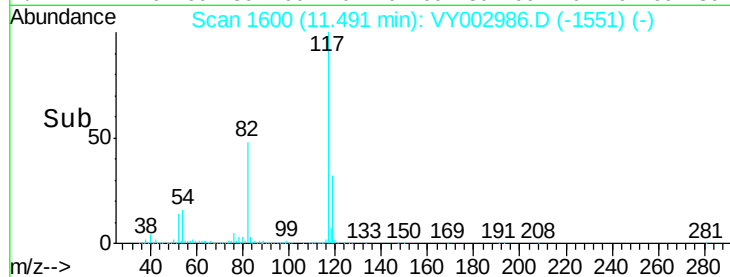
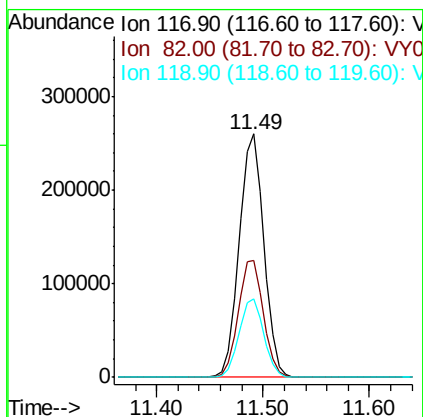
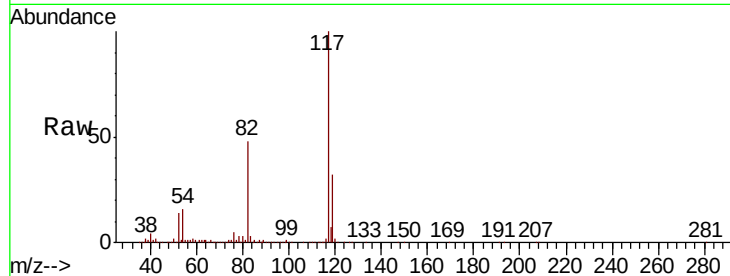




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

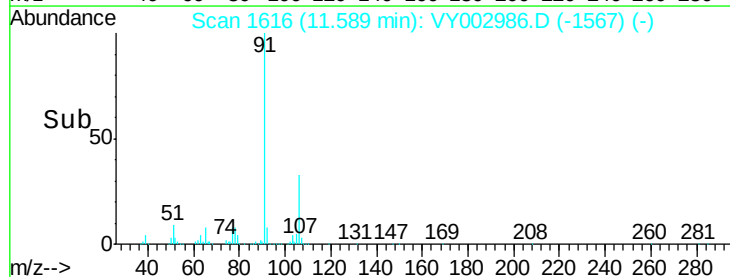
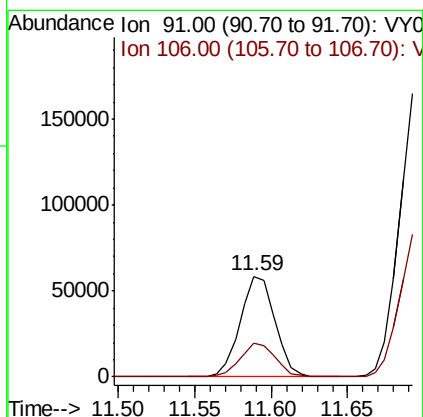
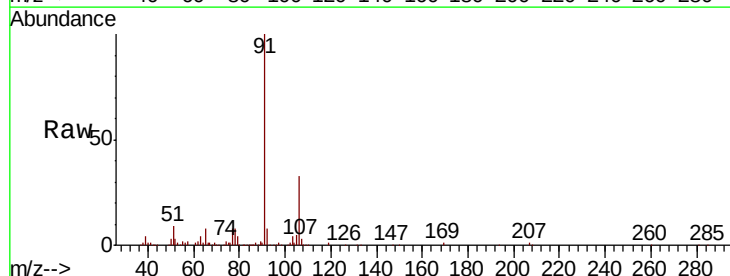
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

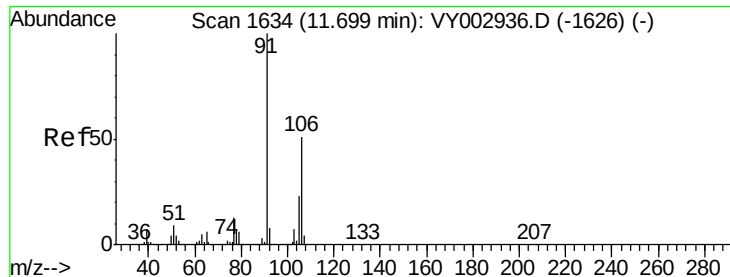
Tot Ion:117 Resp: 423315
Ion Ratio Lower Upper
117 100
82 48.0 39.4 59.0
119 31.9 25.4 38.0



#67
Ethyl Benzene
Concen: 6.694 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002986.D
Acq: 22 Jun 2020 20:08

Tgt Ion: 91 Resp: 92524
Ion Ratio Lower Upper
91 100
106 33.2 25.8 38.8





#68

m/p-Xylenes

Concen: 30.134 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

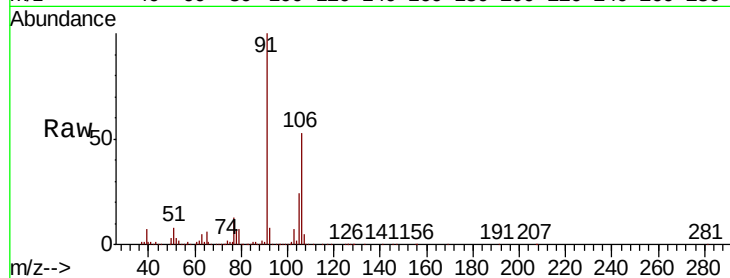
SB-5

Tot Ion:106 Resp: 161847

Ion Ratio Lower Upper

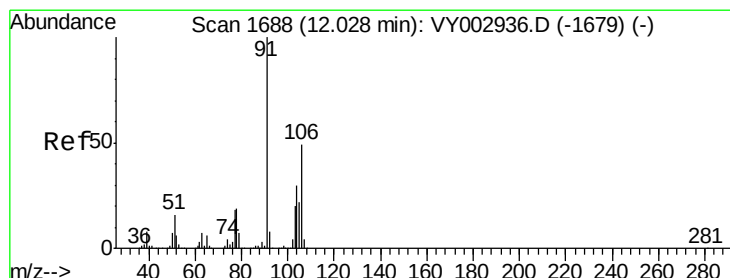
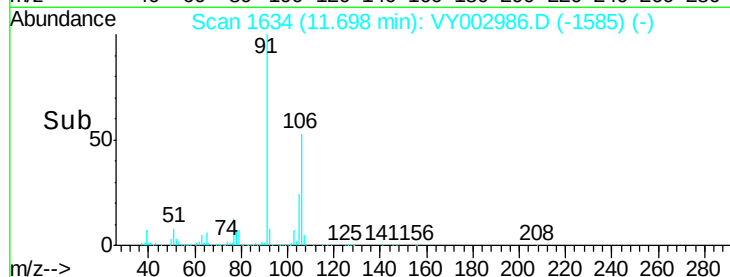
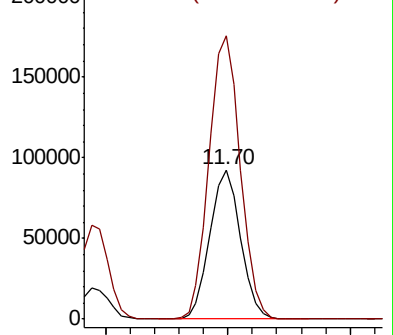
106 100

91 191.7 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 15.067 ug/l

RT: 12.03 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VY002986.D

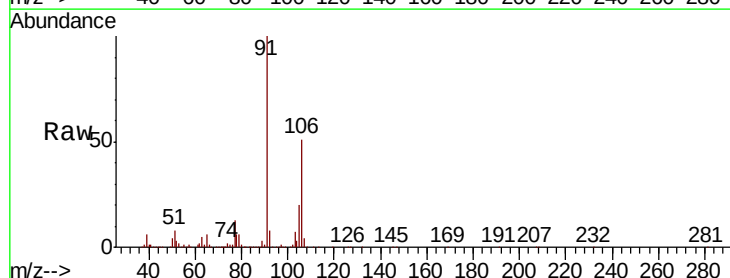
Acq: 22 Jun 2020 20:08

Tgt Ion:106 Resp: 76278

Ion Ratio Lower Upper

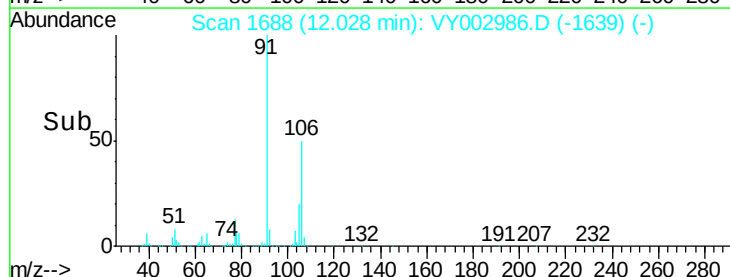
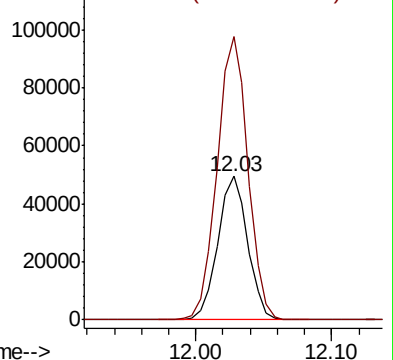
106 100

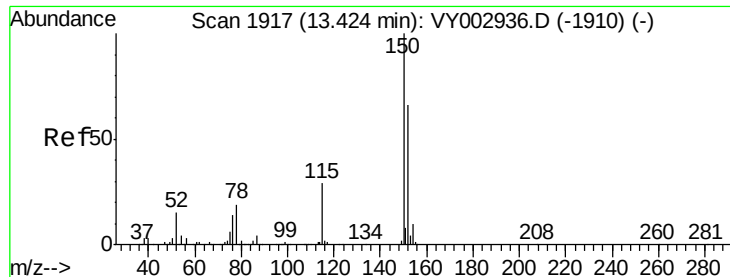
91 202.1 102.1 306.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

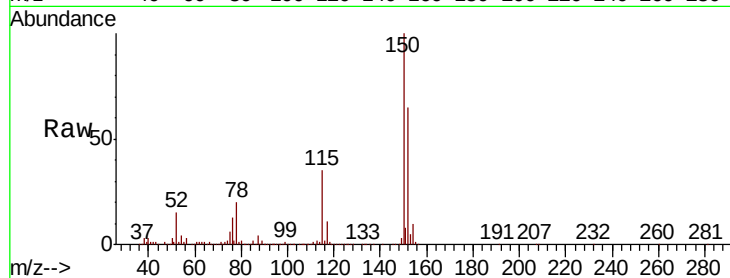




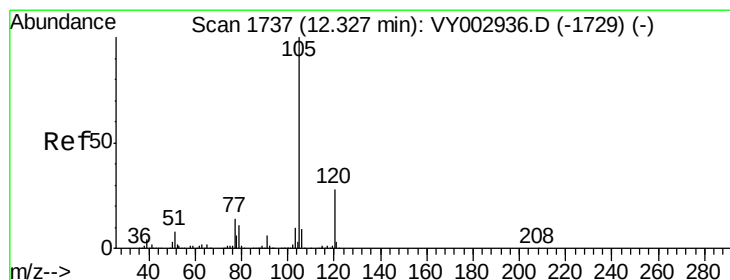
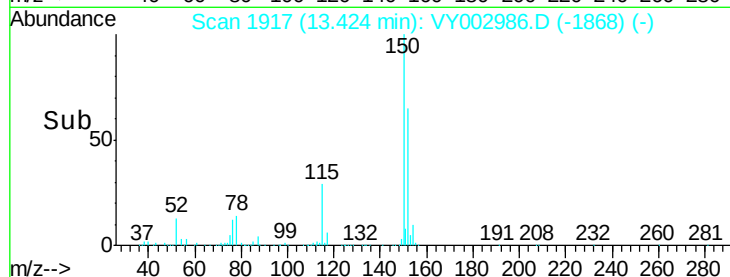
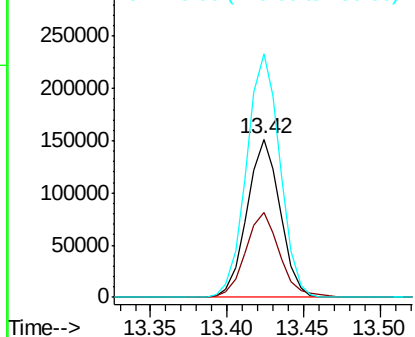
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY002986.D
 Acq: 22 Jun 2020 20:08

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-5

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	26.9	80.6
150	156.3	0.0	341.8

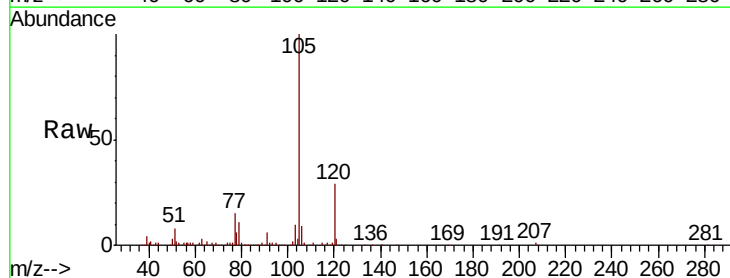


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

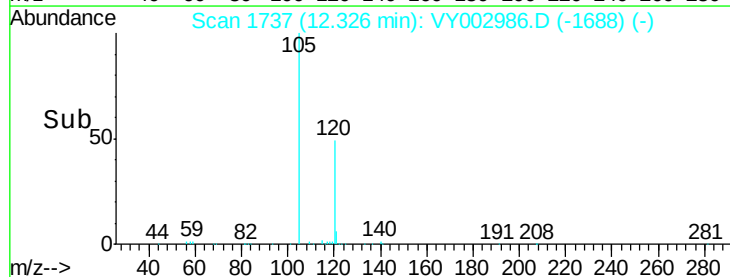
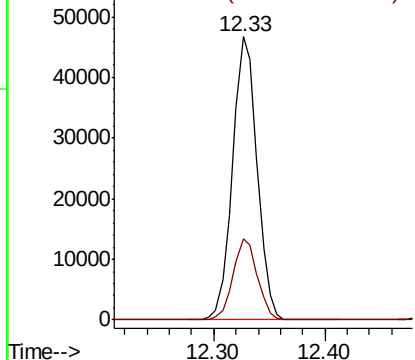


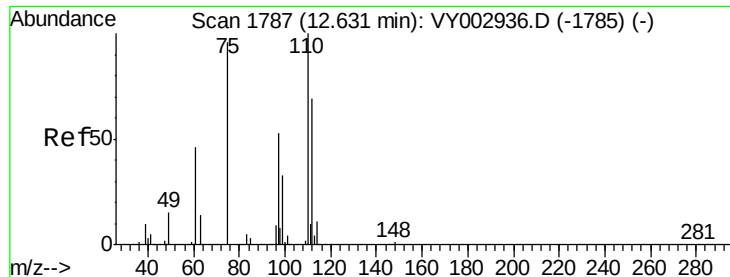
#73
 Isopropylbenzene
 Concen: 5.125 ug/l
 RT: 12.33 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: VY002986.D
 Acq: 22 Jun 2020 20:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.3	14.0	41.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 46.066 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

Instrument :

MSVOA_Y

ClientSampled :

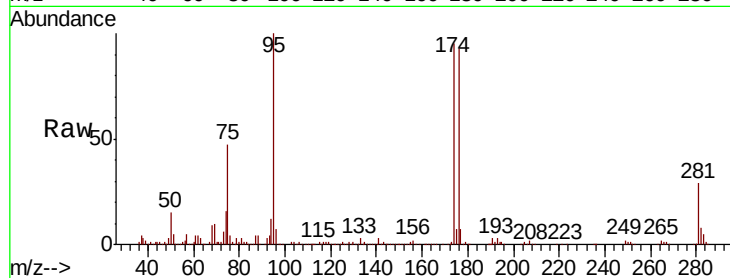
SB-5

Tot Ion: 75 Resp: 90906

Ion Ratio Lower Upper

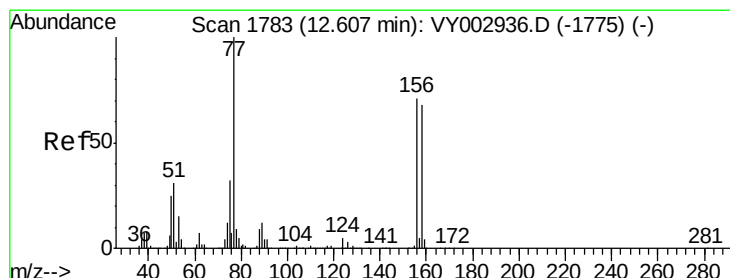
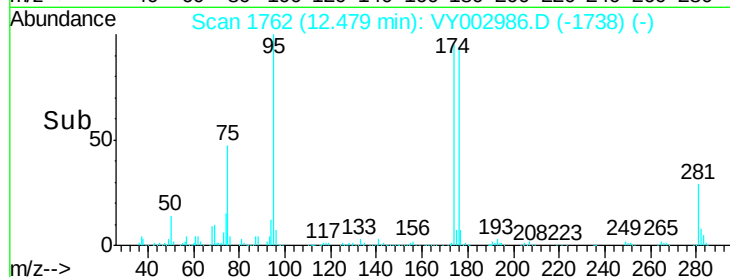
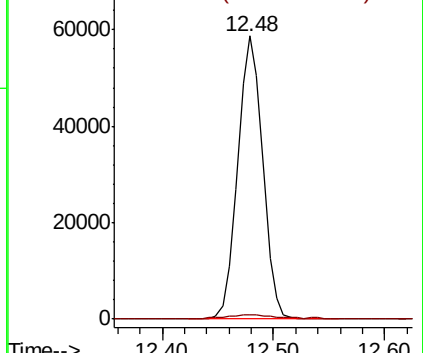
75 100

77 2.5 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: 2.361 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.07 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

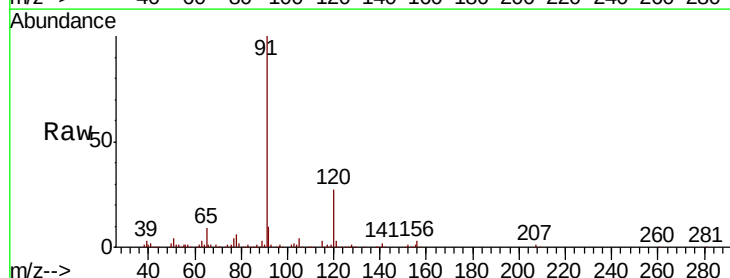
Tgt Ion: 156 Resp: 8583

Ion Ratio Lower Upper

156 100

77 59.4 80.5 241.5#

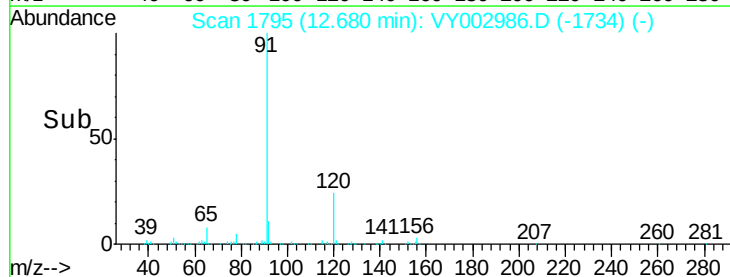
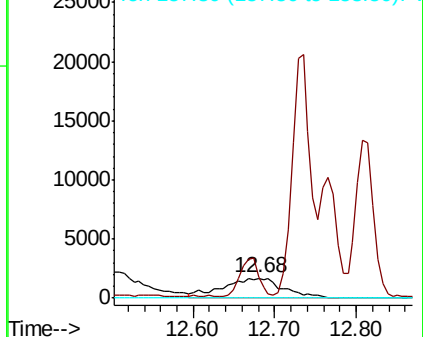
158 0.0 48.2 144.6#

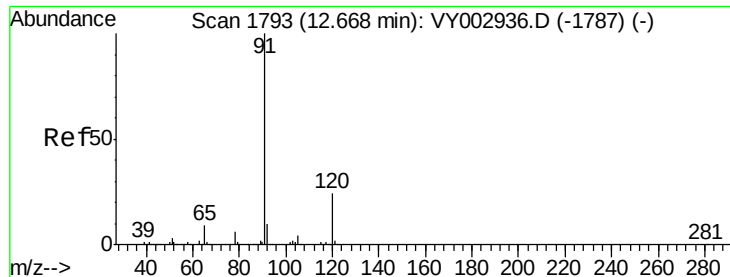


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 8.536 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

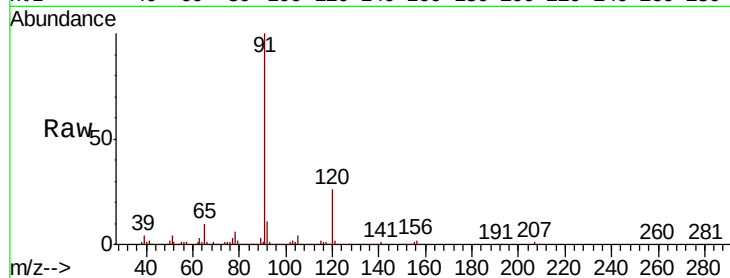
SB-5

Tot Ion: 91 Resp: 137522

Ion Ratio Lower Upper

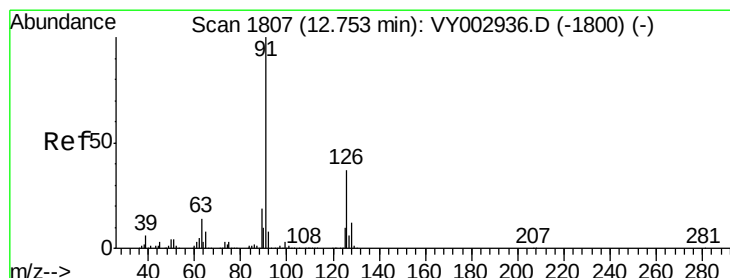
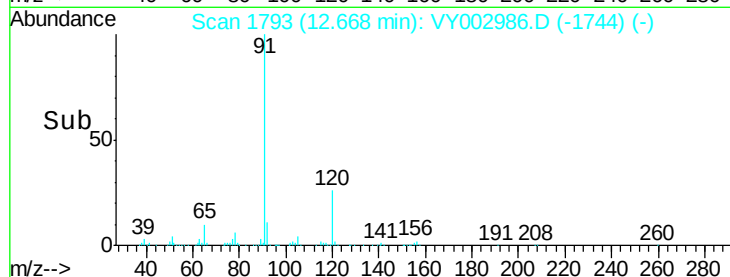
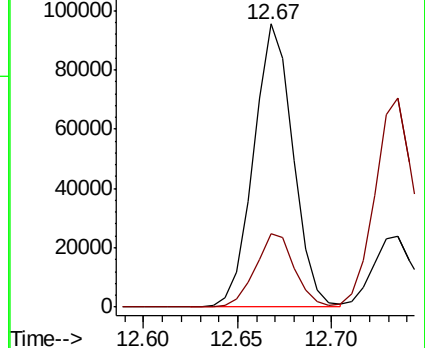
91 100

120 25.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.868 ug/l

RT: 12.73 min Scan# 1804

Delta R.T. -0.02 min

Lab File: VY002986.D

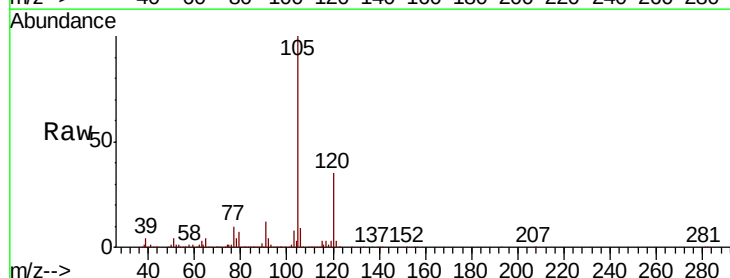
Acq: 22 Jun 2020 20:08

Tgt Ion: 91 Resp: 34909

Ion Ratio Lower Upper

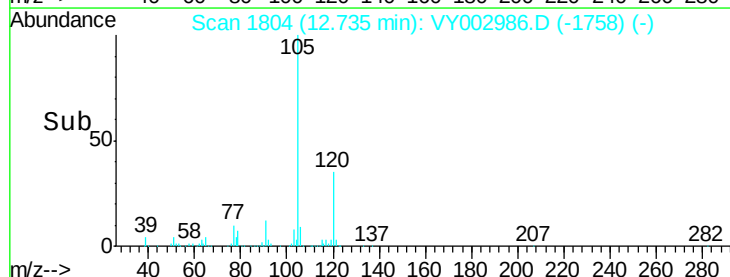
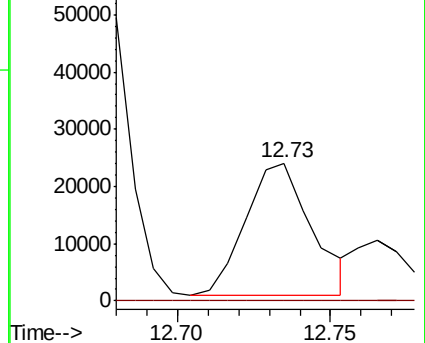
91 100

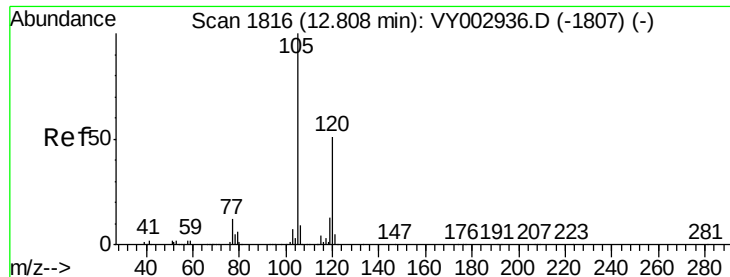
126 0.0 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 14.852 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

Instrument :

MSVOA_Y

ClientSampled :

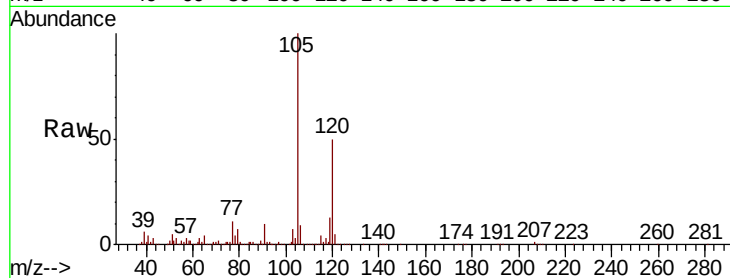
SB-5

Tot Ion:105 Resp: 171946

Ion Ratio Lower Upper

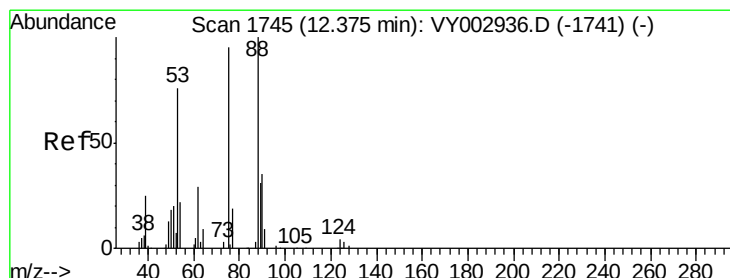
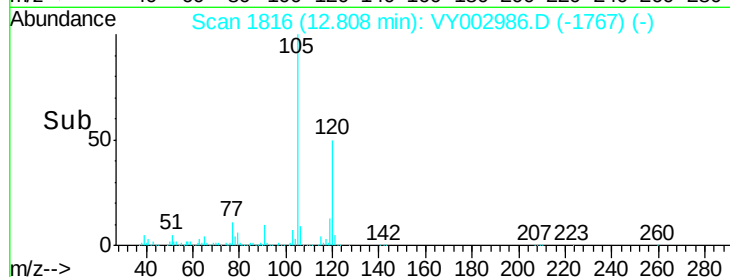
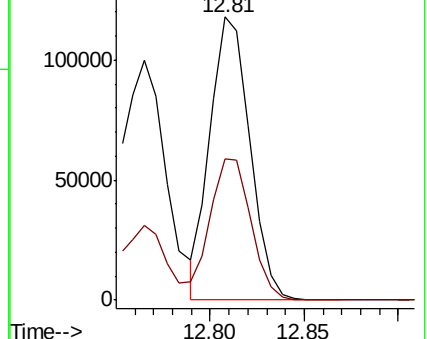
105 100

120 52.9 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 87.950 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

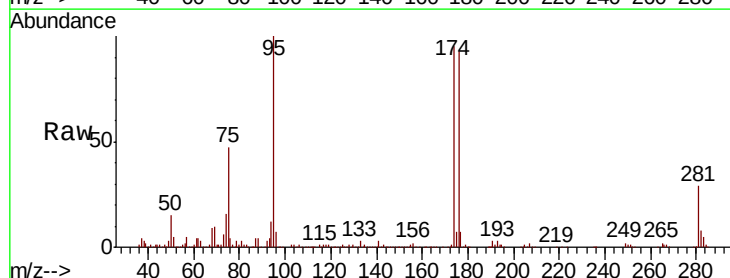
Tgt Ion: 75 Resp: 90906

Ion Ratio Lower Upper

75 100

53 0.8 65.1 97.7#

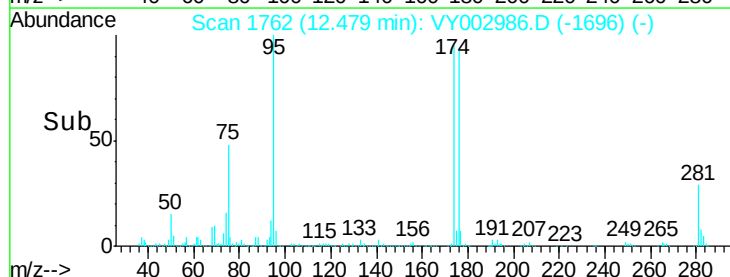
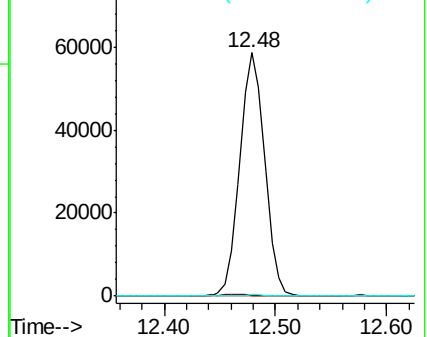
89 0.8 38.4 57.6#

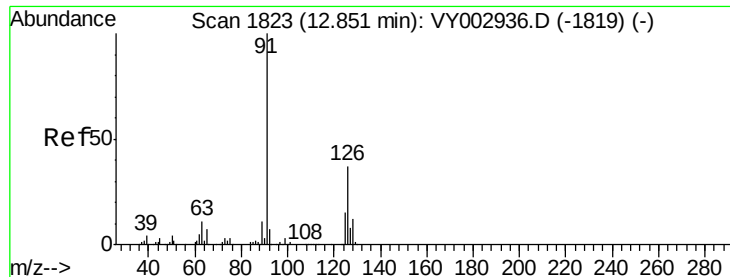


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#82

4-Chlorotoluene

Concen: 1.805 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.04 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

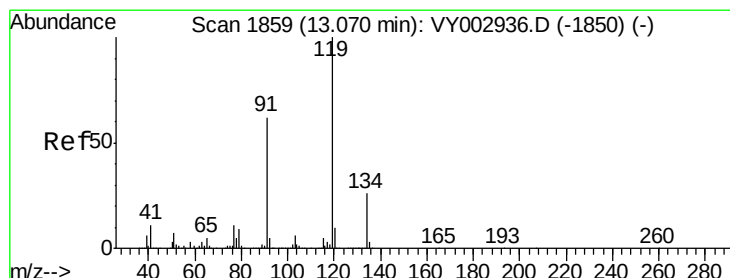
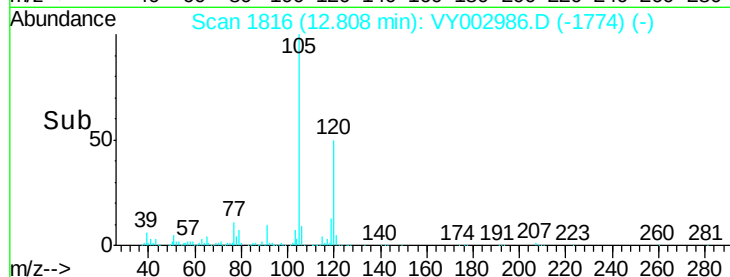
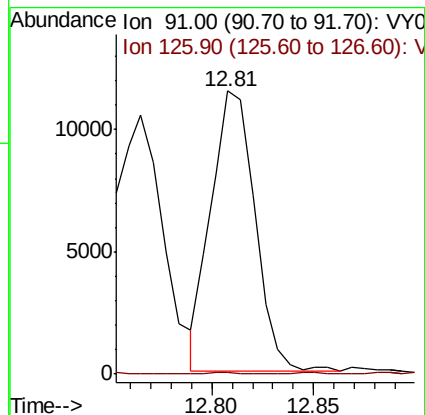
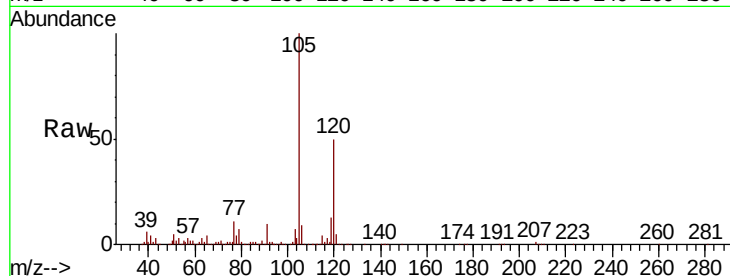
SB-5

Tot Ion: 91 Resp: 17134

Ion Ratio Lower Upper

91 100

126 0.2 18.6 55.8#



#83

tert-Butylbenzene

Concen: 7.397 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.05 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

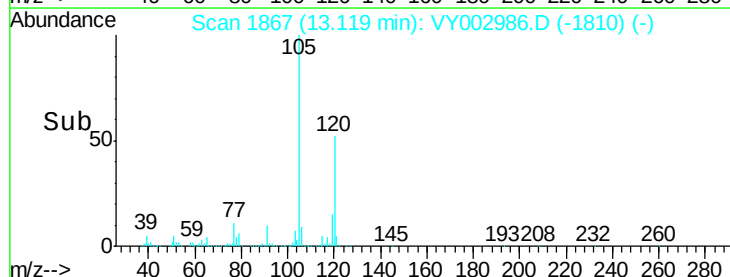
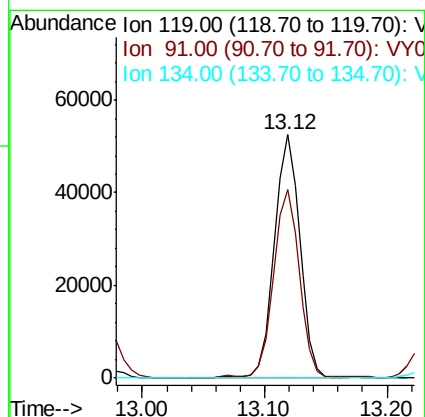
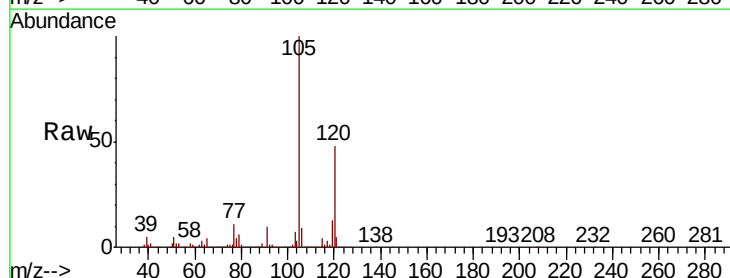
Tgt Ion: 119 Resp: 76701

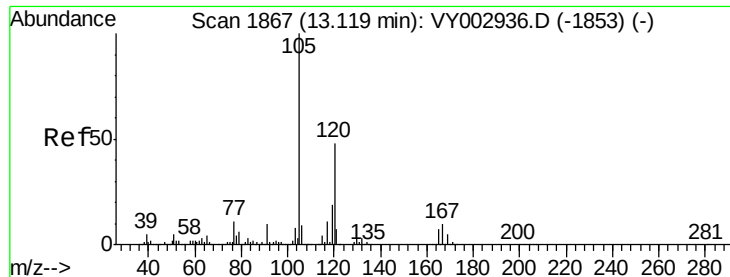
Ion Ratio Lower Upper

119 100

91 77.0 29.9 89.7

134 0.0 13.3 39.8#





#84

1,2,4-Trimethylbenzene

Concen: 51.422 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

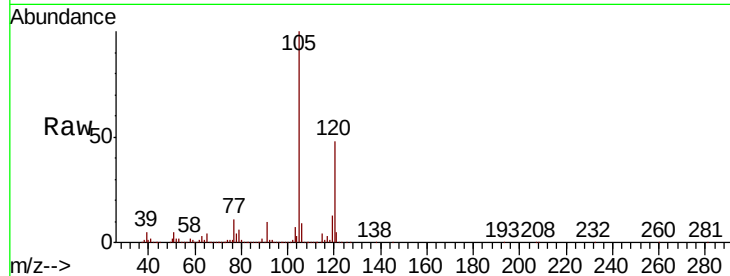
SB-5

Tot Ion:105 Resp: 599037

Ion Ratio Lower Upper

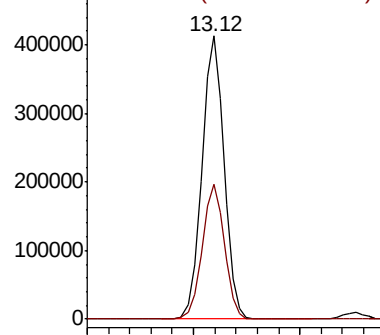
105 100

120 47.9 23.5 70.5

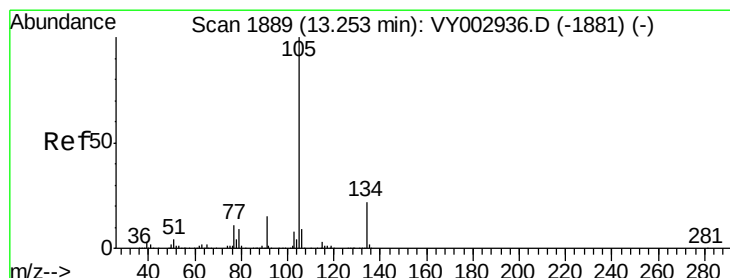
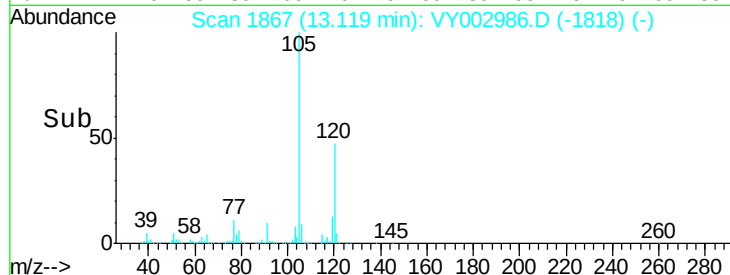


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 13.00 13.10 13.20



#85

sec-Butylbenzene

Concen: 42.467 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.13 min

Lab File: VY002986.D

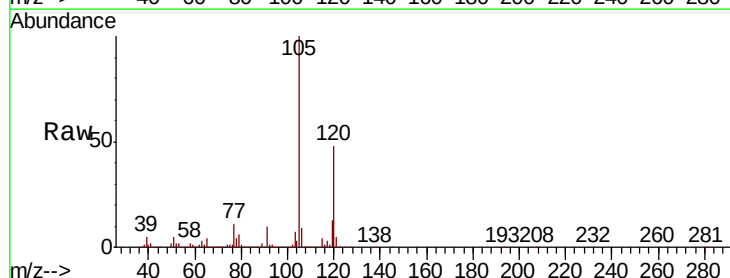
Acq: 22 Jun 2020 20:08

Tgt Ion:105 Resp: 599037

Ion Ratio Lower Upper

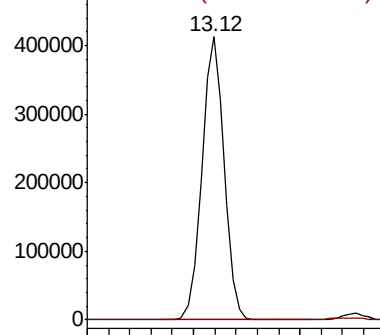
105 100

134 0.0 10.8 32.4#

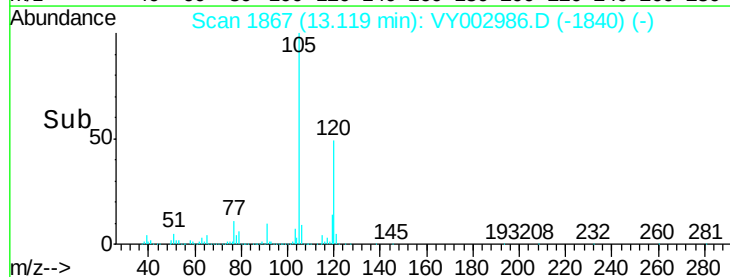


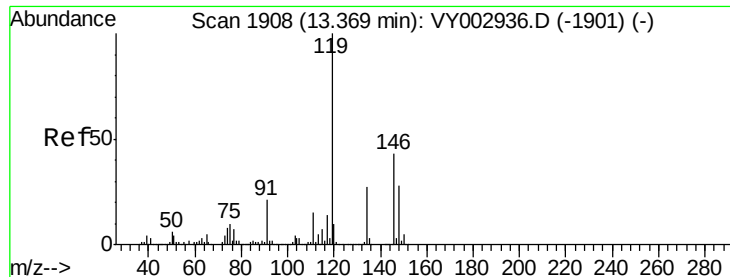
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.00 13.10 13.20

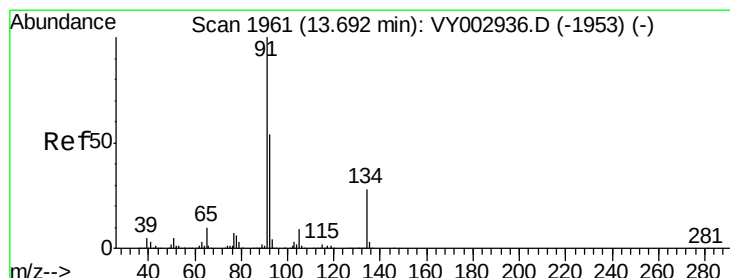
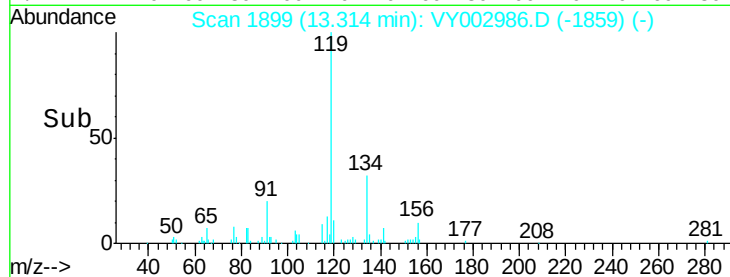
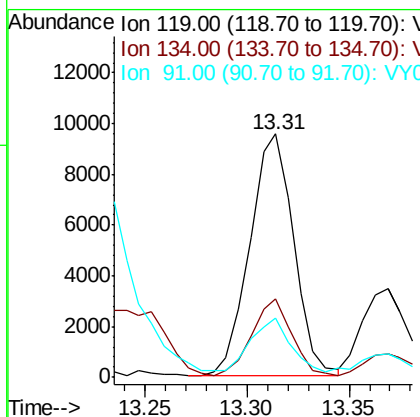
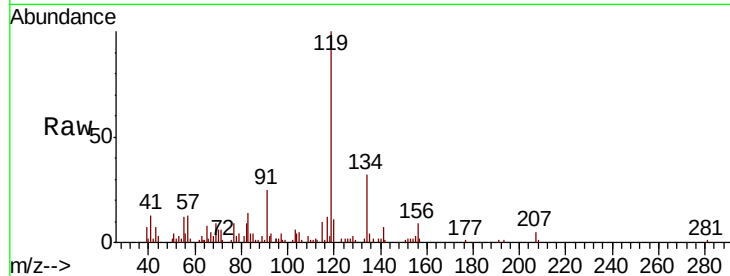




#86
 p-Isopropyltoluene
 Concen: 1.087 ug/l
 RT: 13.31 min Scan# 1899
 Delta R.T. -0.06 min
 Lab File: VY002986.D
 Acq: 22 Jun 2020 20:08

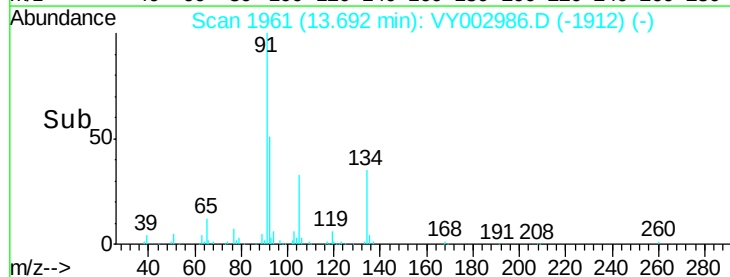
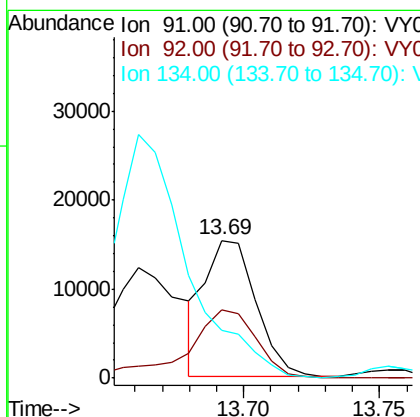
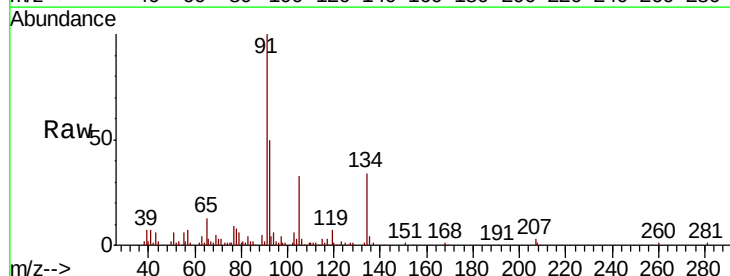
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

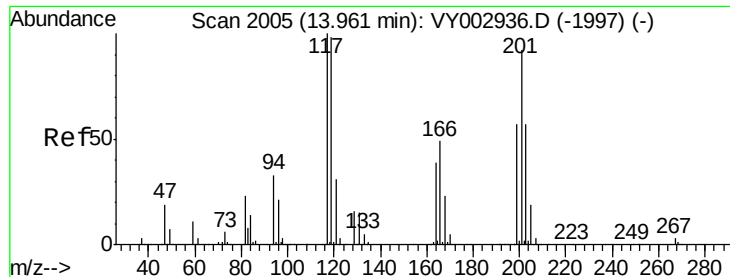
Tot Ion:119 Resp: 14378
 Ion Ratio Lower Upper
 119 100
 134 30.2 13.6 40.8
 91 20.0 10.8 32.4



#89
 n-Butylbenzene
 Concen: 1.657 ug/l
 RT: 13.69 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: VY002986.D
 Acq: 22 Jun 2020 20:08

Tgt Ion: 91 Resp: 19822
 Ion Ratio Lower Upper
 91 100
 92 67.5 27.0 80.8
 134 0.0 14.5 43.5#





#90

Hexachloroethane

Concen: 3.849 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

Instrument :

MSVOA_Y

ClientSampled :

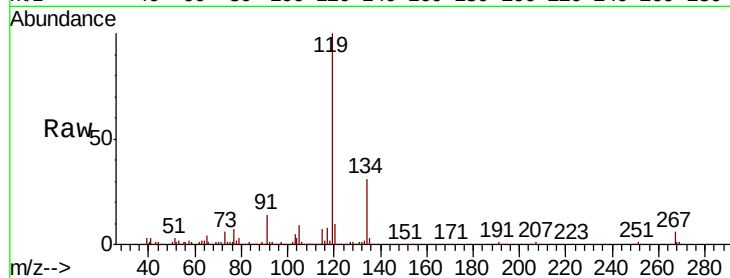
SB-5

Tot Ion:117 Resp: 9487

Ion Ratio Lower Upper

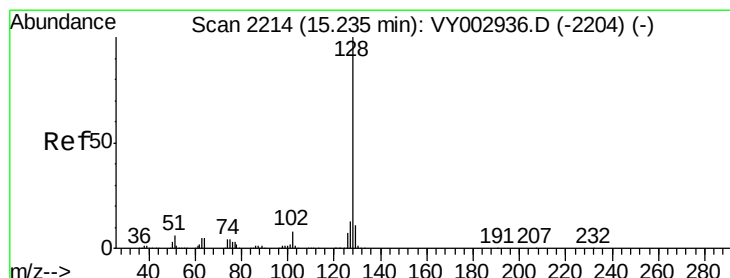
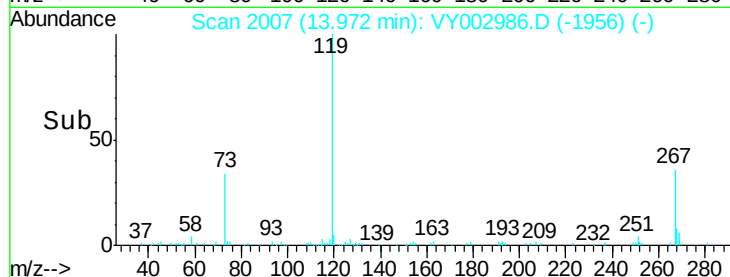
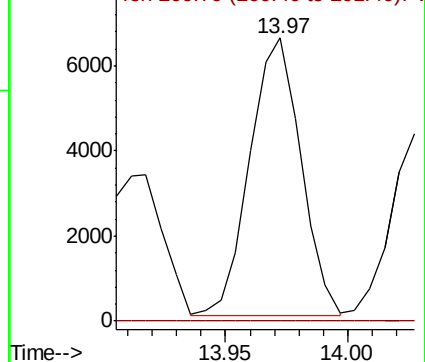
117 100

201 0.0 45.1 135.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 14.291 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002986.D

Acq: 22 Jun 2020 20:08

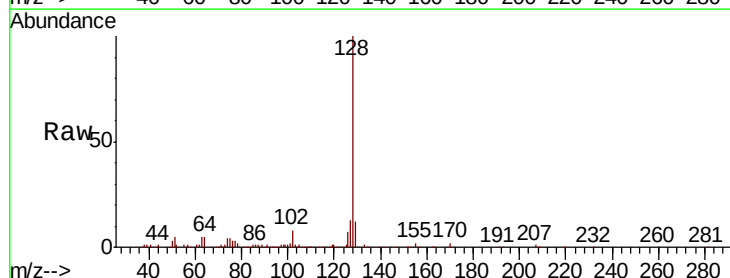
Tgt Ion:128 Resp: 133318

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

