

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002985.D
 Acq On : 22 Jun 2020 19:44
 Operator : SY/MD
 Sample : L3082-04
 Misc : 5.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Jun 23 08:20:33 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	301896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	453651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232752	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	138059	55.37	ug/l	0.00
Spiked Amount			Recovery	=	110.74%	
35) Dibromofluoromethane	7.72	113	137405	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
50) Toluene-d8	10.18	98	518699	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.48	95	196197	55.88	ug/l	0.00
Spiked Amount			Recovery	=	111.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	1183	Below Cal	#	74
16) Acetone	3.94	43	4674	7.568	ug/l #	60
18) Methyl Acetate	4.49	43	860	Below Cal	#	87
20) Methylene Chloride	4.72	84	23777	1.519	ug/l	94
25) 2-Butanone	6.99	43	1872	2.023	ug/l #	73
31) Cyclohexane	7.79	56	10135	2.367	ug/l #	41
36) 1,1-Dichloropropene	7.80	75	16664	4.523	ug/l #	48
38) Carbon Tetrachloride	7.80	117	25126	6.188	ug/l #	15
39) Methylcyclohexane	9.19	83	9201	1.895	ug/l #	85
48) Methyl methacrylate	9.32	41	2555	1.495	ug/l #	31
51) 4-Methyl-2-Pentanone	10.11	43	6659	3.299	ug/l #	77
52) Toluene	10.24	92	108241	15.248	ug/l	97
55) 1,1,2-Trichloroethane	10.61	97	3625	1.543	ug/l #	22
59) 2-Hexanone	10.80	43	3206	2.259	ug/l #	22
67) Ethyl Benzene	11.59	91	150084	10.604	ug/l	97
68) m/p-Xylenes	11.70	106	261089	47.472	ug/l	97
69) o-Xylene	12.03	106	118235	22.806	ug/l	100
73) Isopropylbenzene	12.33	105	108725	7.622	ug/l	100
76) 1,2,3-Trichloropropane	12.74	75	3517	1.735	ug/l #	100
77) Bromobenzene	12.68	156	12801	3.428	ug/l #	19
78) n-propylbenzene	12.67	91	211807	12.798	ug/l	98
79) 2-Chlorotoluene	12.73	91	55579	5.996	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.81	105	251548	21.153	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.48	75	90798	85.520	ug/l #	17
82) 4-Chlorotoluene	12.81	91	26962	2.766	ug/l #	38
83) tert-Butylbenzene	13.12	119	113285	10.635	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.12	105	887032	74.128	ug/l	98
85) sec-Butylbenzene	13.12	105	887032	61.218	ug/l #	54
86) p-Isopropyltoluene	13.31	119	20596	1.515	ug/l	99
89) n-Butylbenzene	13.69	91	32775	2.668	ug/l #	74
90) Hexachloroethane	13.97	117	13946	5.509	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.33	75	942	1.907	ug/l #	1
95) Naphthalene	15.23	128	197610	20.622	ug/l	100

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Misc : 5.12G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

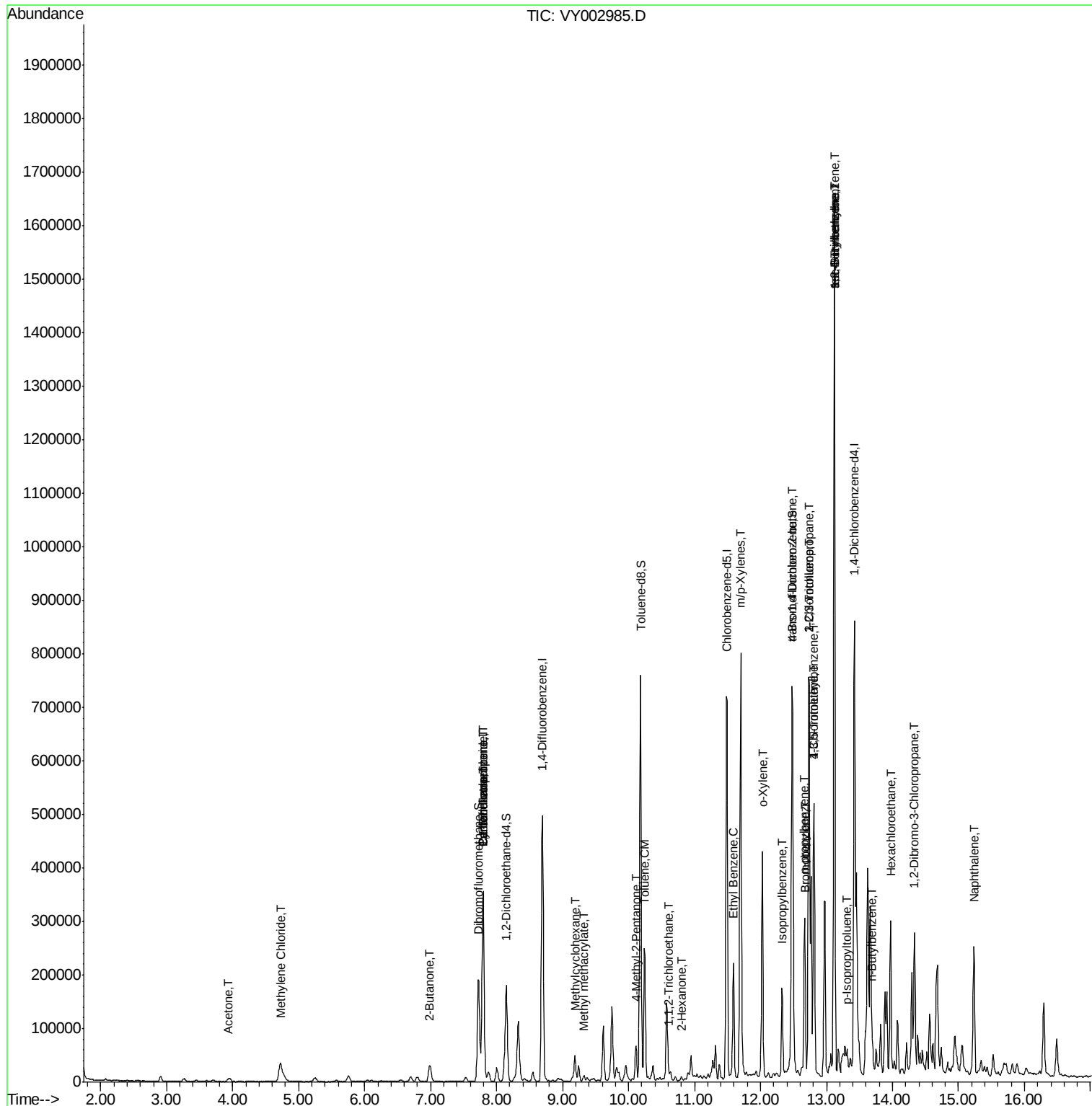
Quant Time: Jun 23 08:20:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 20 06:39:15 2020
Response via : Initial Calibration

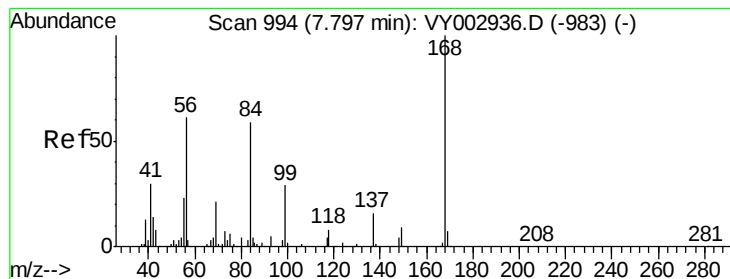
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY002985.D  
Acq On    : 22 Jun 2020   19:44  
Operator  : SY/MD  
Sample    : L3082-04  
Misc      : 5.12G/5ML/MSVOA Y/SOIL  
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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: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampled :

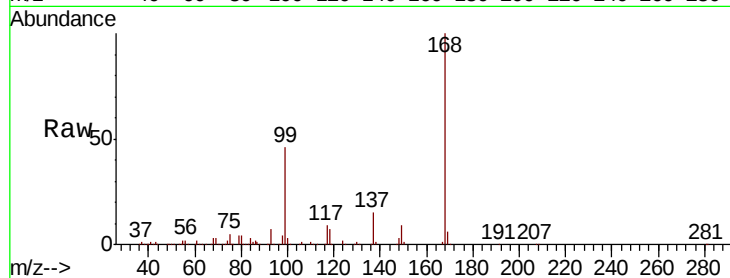
SB-4

Tot Ion:168 Resp: 301896

Ion Ratio Lower Upper

168 100

99 45.9 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

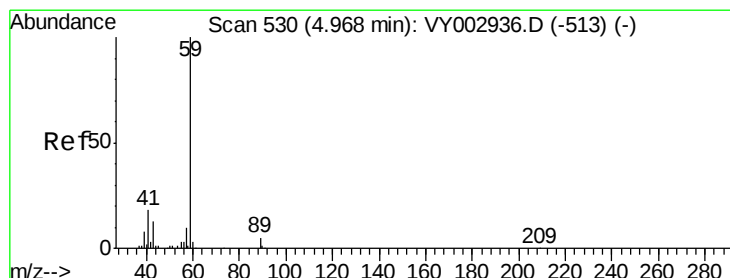
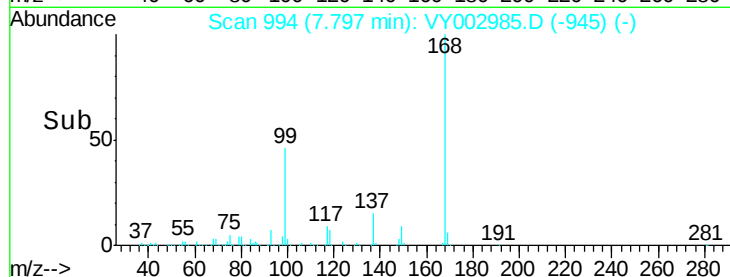
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002985.D

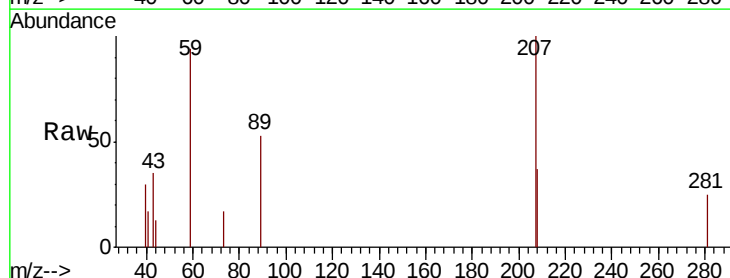
Acq: 22 Jun 2020 19:44

Tgt Ion: 59 Resp: 1183

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) (-)

4.96

400

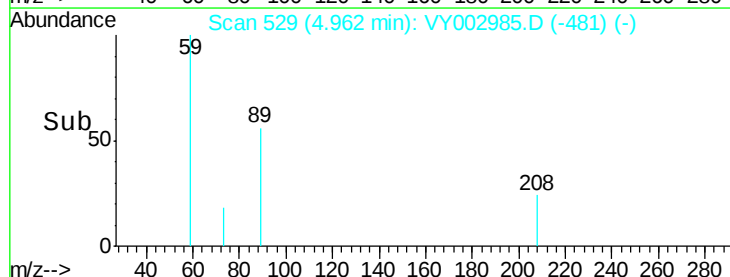
300

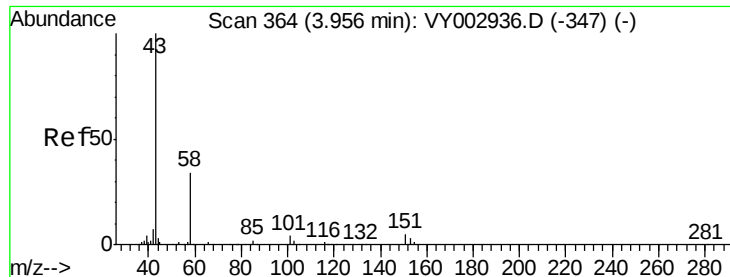
200

100

0

Time-->





#16

Acetone

Concen: 7.568 ug/l

RT: 3.94 min Scan# 362

Delta R.T. -0.01 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampled :

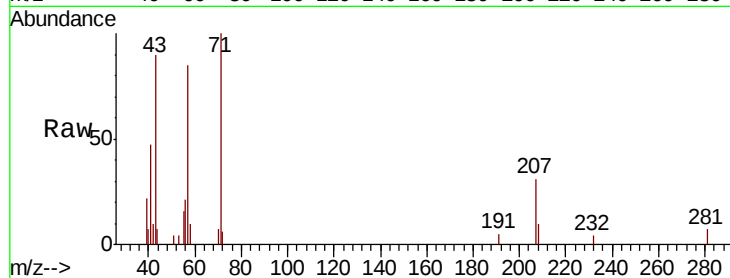
SB-4

Tot Ion: 43 Resp: 4674

Ion Ratio Lower Upper

43 100

58 11.3 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

1500

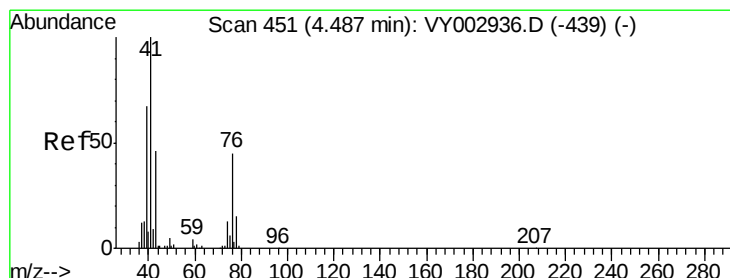
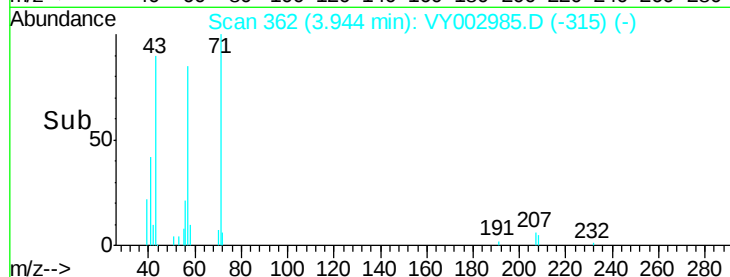
1000

500

0

3.90 4.00

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002985.D

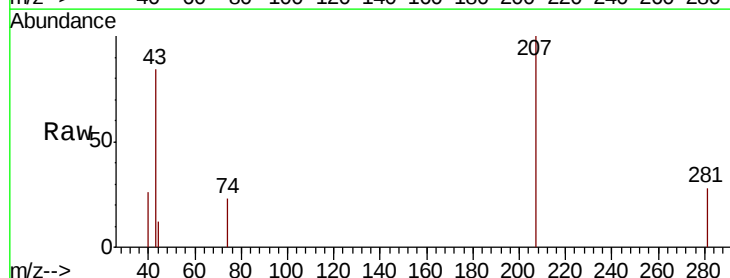
Acq: 22 Jun 2020 19:44

Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

74 19.9 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

400

300

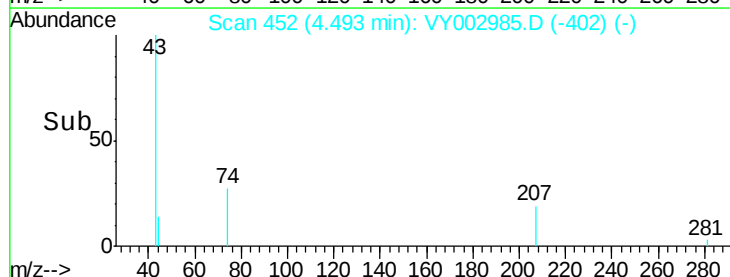
200

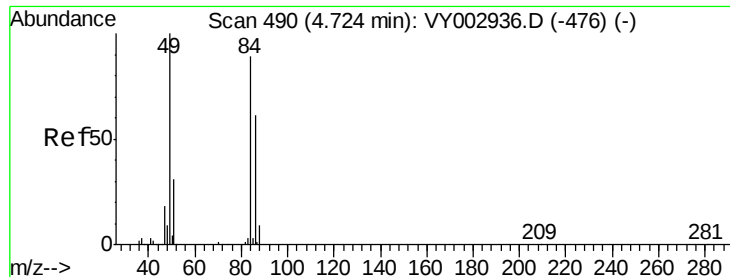
100

0

4.45 4.50 4.55

Time-->

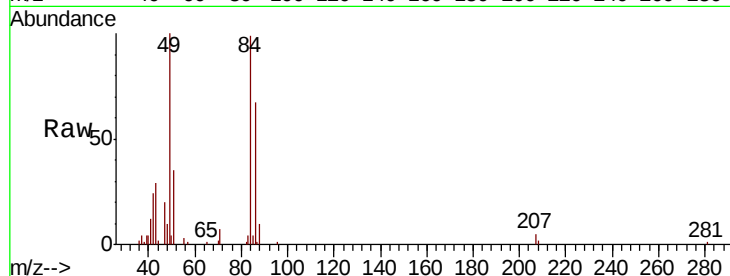




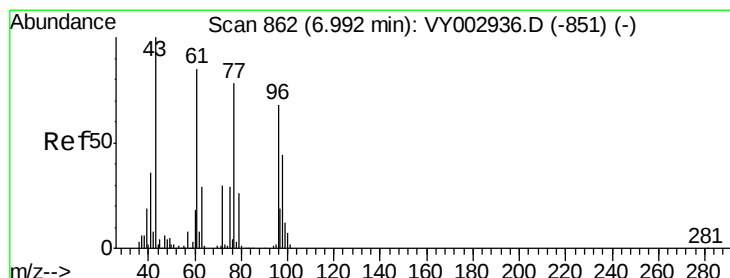
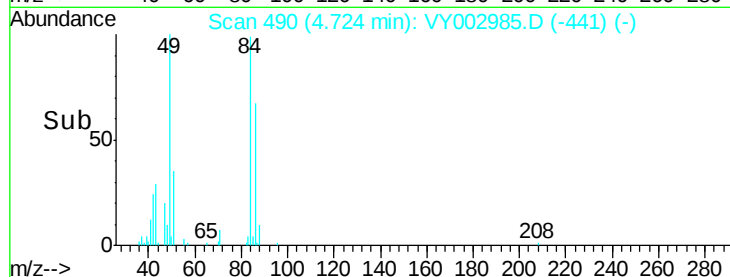
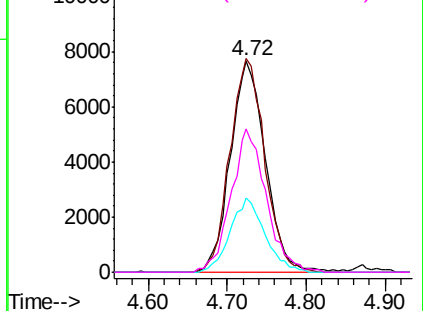
#20
Methvlene Chloride
Concen: 1.519 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Tot Ion:	84	Resp:	23777
Ion	Ratio	Lower	Upper
84	100		
49	101.1	90.0	135.0
51	35.0	27.9	41.9
86	67.8	54.6	81.8

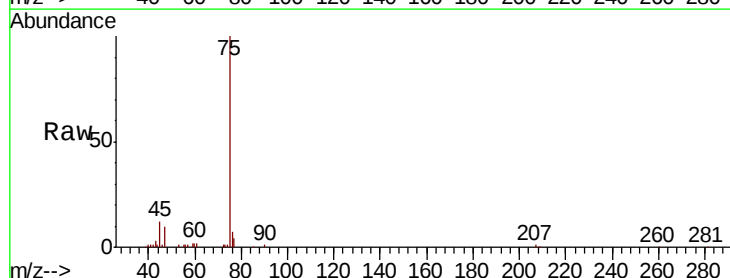


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

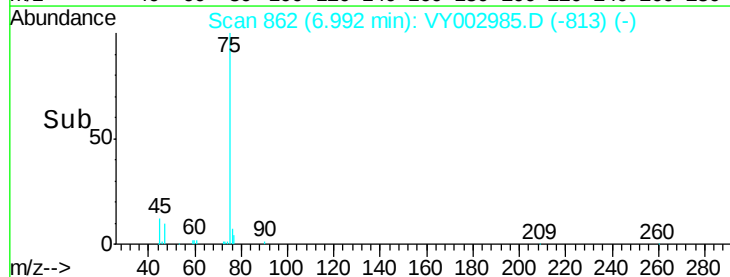
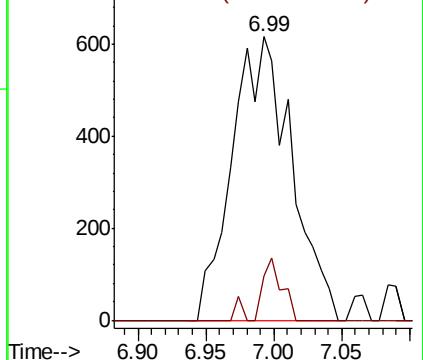


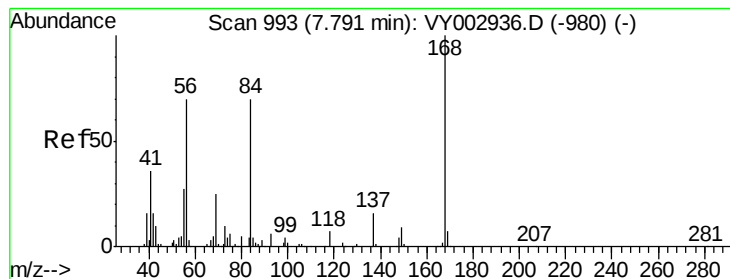
#25
2-Butanone
Concen: 2.023 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Tgt Ion:	43	Resp:	1872
Ion	Ratio	Lower	Upper
43	100		
72	15.7	24.2	36.4#



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





#31

Cyclohexane

Concen: 2.367 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampled :

SB-4

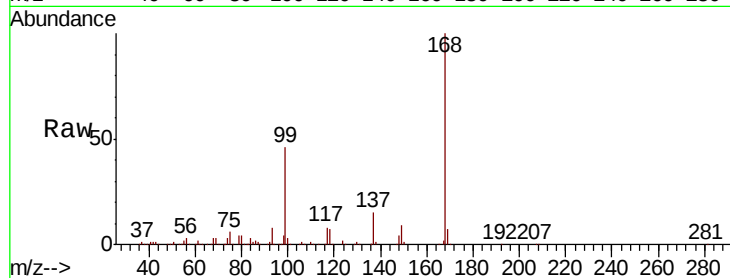
Tot Ion: 56 Resp: 10135

Ion Ratio Lower Upper

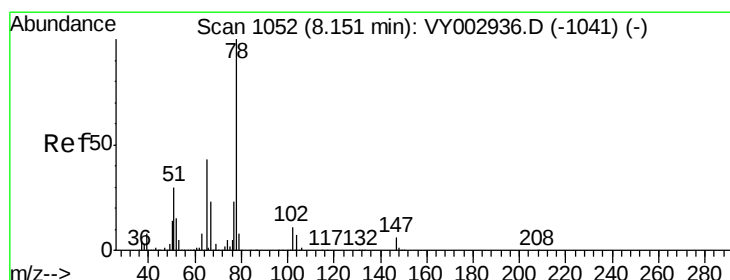
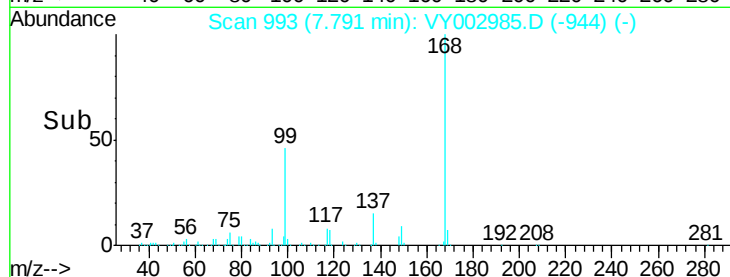
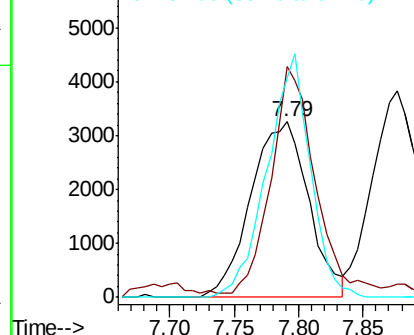
56 100

69 127.1 28.9 43.3#

84 125.3 80.1 120.1#



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: 55.365 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002985.D

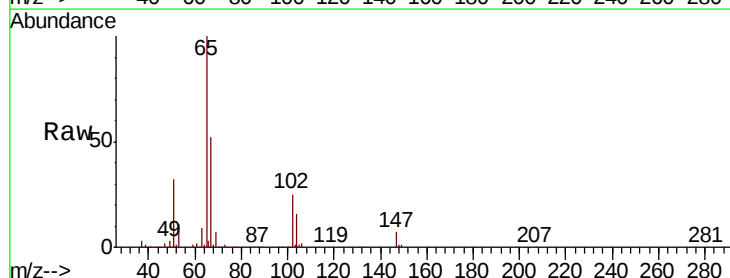
Acq: 22 Jun 2020 19:44

Tgt Ion: 65 Resp: 138059

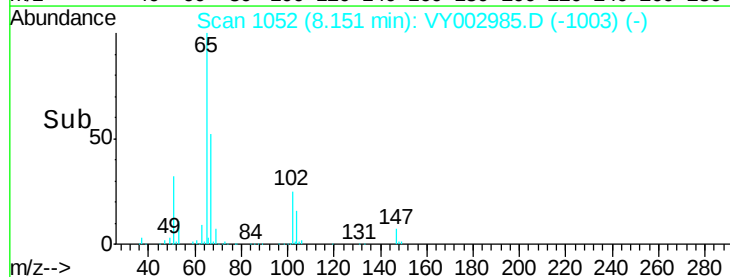
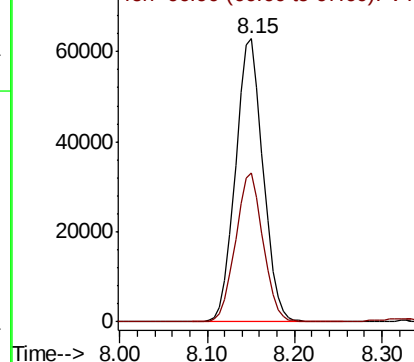
Ion Ratio Lower Upper

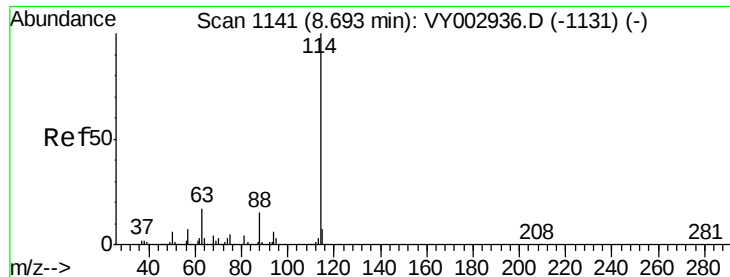
65 100

67 52.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

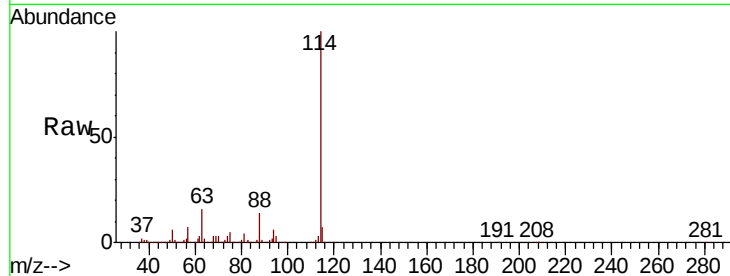




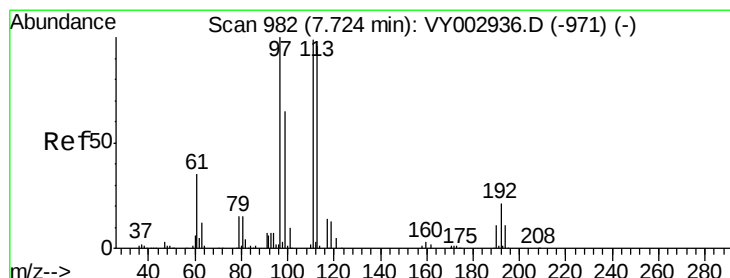
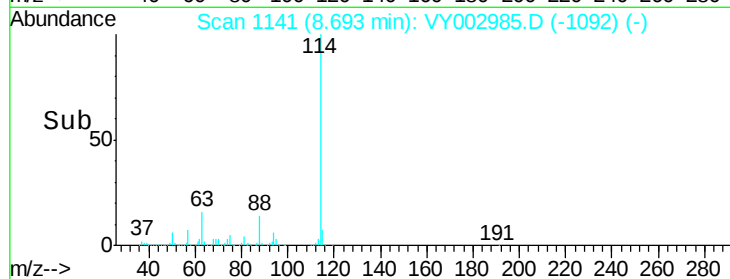
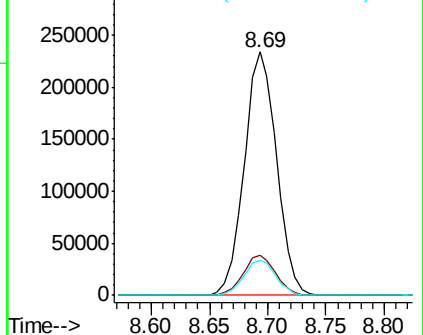
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002985.D
 Acq: 22 Jun 2020 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Tot Ion:114 Resp: 453651
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 34.6
 88 14.1 0.0 29.2

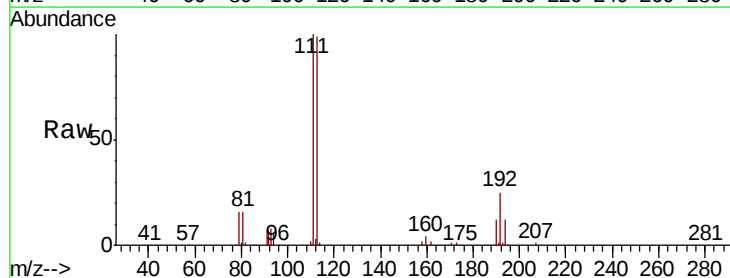


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

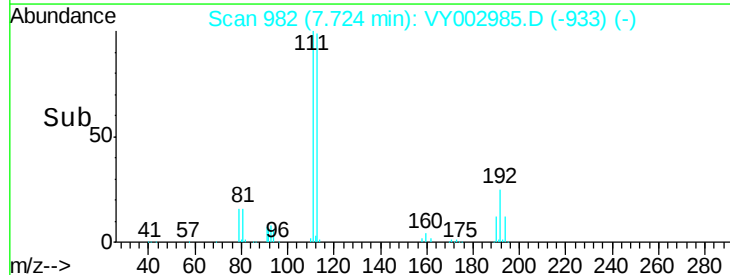
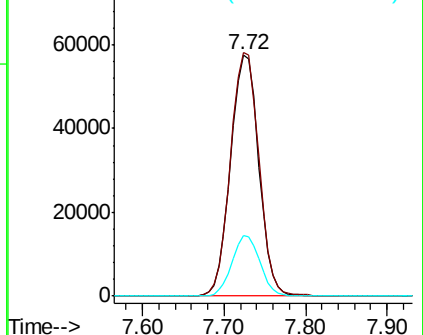


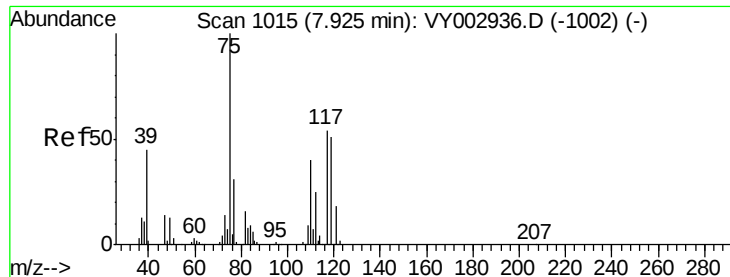
#35
 Dibromofluoromethane
 Concen: 53.530 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002985.D
 Acq: 22 Jun 2020 19:44

Tgt Ion:113 Resp: 137405
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.5 122.3
 192 24.6 19.2 28.8



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: 4.523 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

SB-4

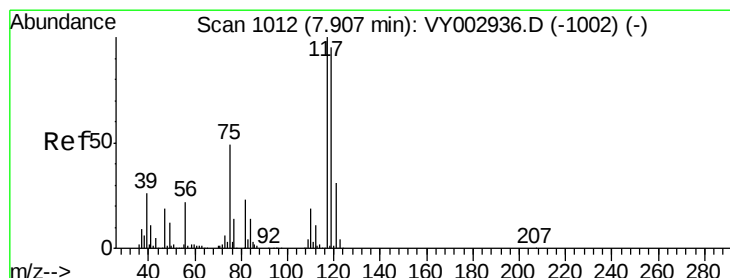
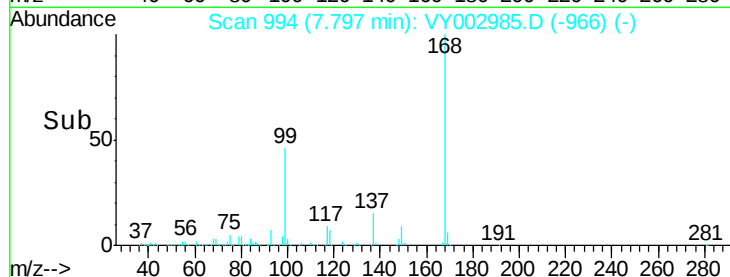
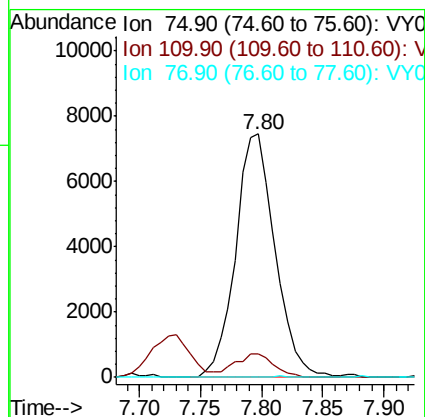
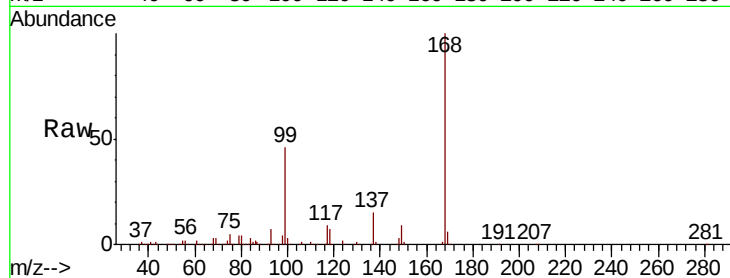
Tot Ion: 75 Resp: 16664

Ion Ratio Lower Upper

75 100

110 9.6 19.7 59.0#

77 0.1 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.188 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

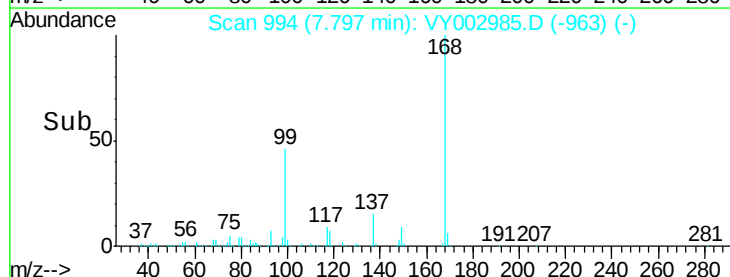
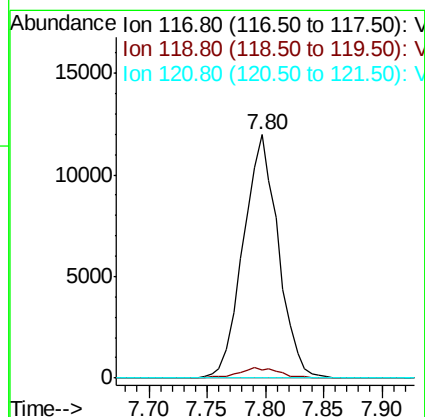
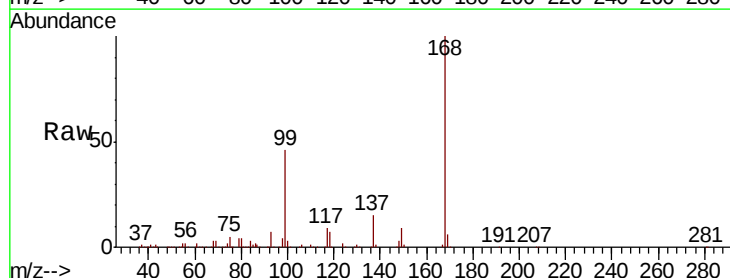
Tgt Ion: 117 Resp: 25126

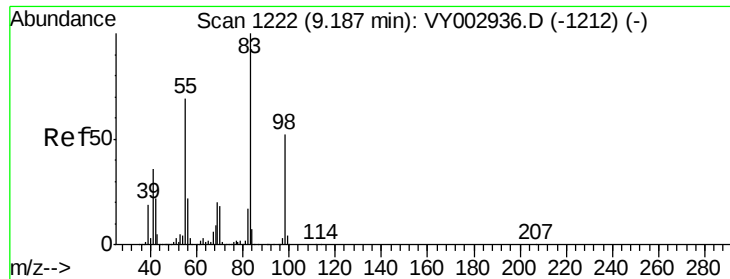
Ion Ratio Lower Upper

117 100

119 3.6 76.1 114.1#

121 0.0 24.8 37.2#

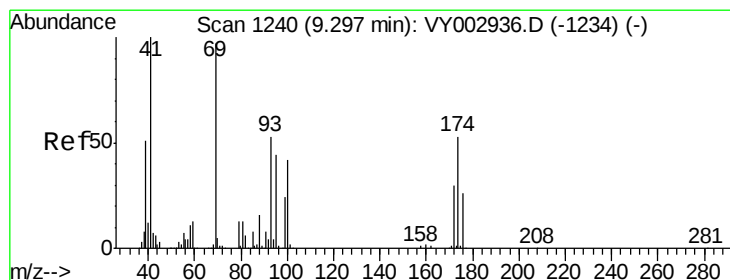
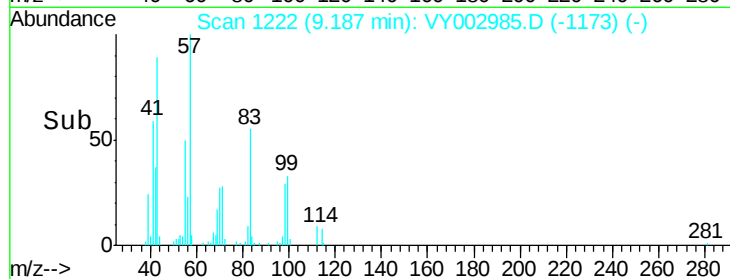
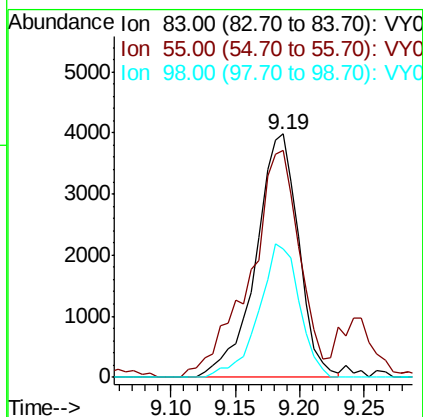
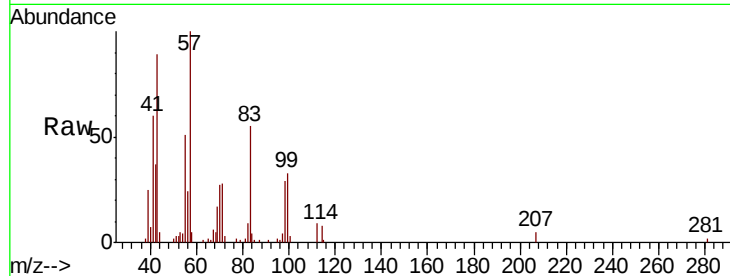




#39
Methylcyclohexane
Concen: 1.895 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

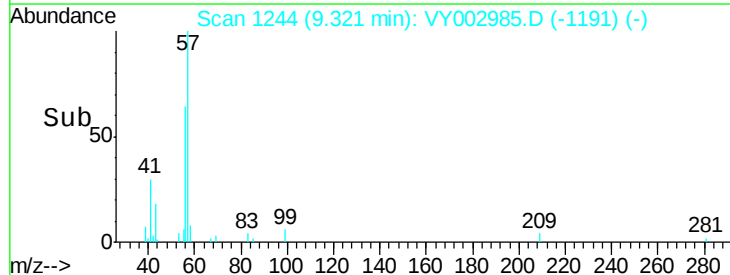
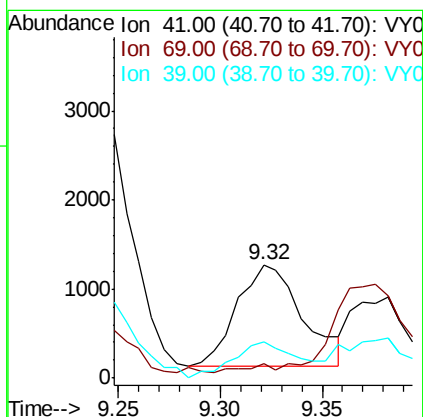
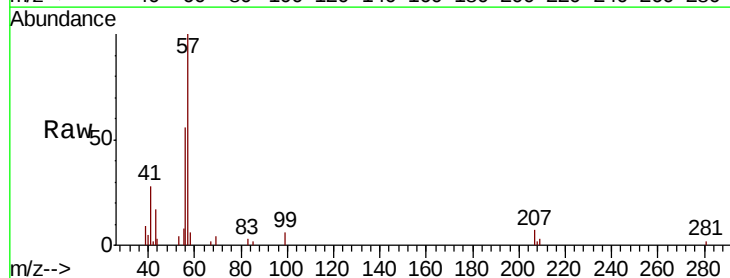
Instrument :
MSVOA_Y
ClientSampled :
SB-4

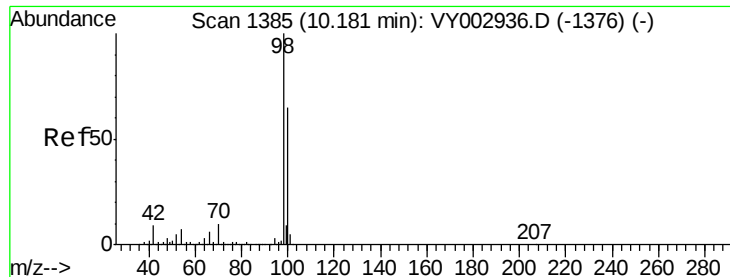
Tot Ion: 83 Resp: 9201
Ion Ratio Lower Upper
83 100
55 89.8 55.0 82.4#
98 52.5 41.4 62.2



#48
Methyl methacrylate
Concen: 1.495 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Tgt Ion: 41 Resp: 2555
Ion Ratio Lower Upper
41 100
69 8.1 79.4 119.0#
39 33.6 41.1 61.7#





#50

Toluene-d8

Concen: 51.250 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

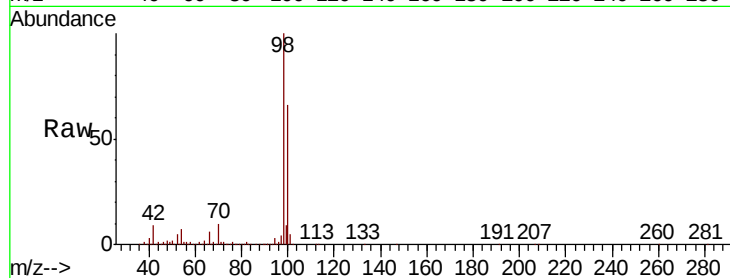
SB-4

Tot Ion: 98 Resp: 518699

Ion Ratio Lower Upper

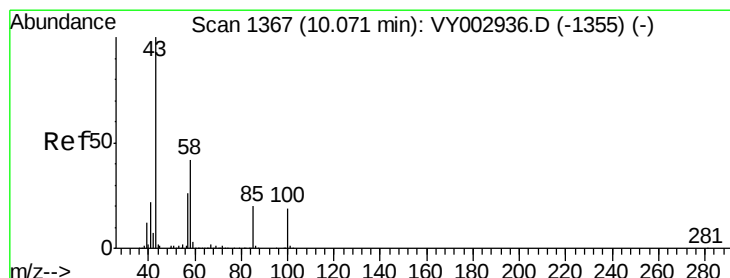
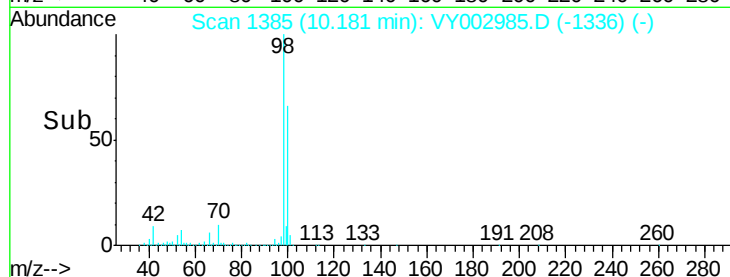
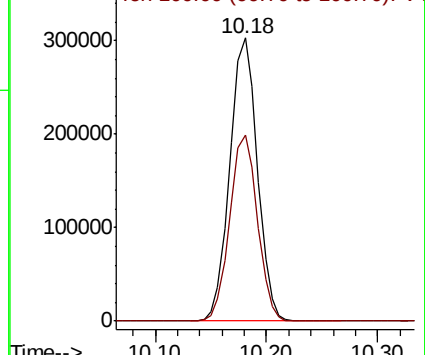
98 100

100 66.0 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: 3.299 ug/l

RT: 10.11 min Scan# 1374

Delta R.T. 0.04 min

Lab File: VY002985.D

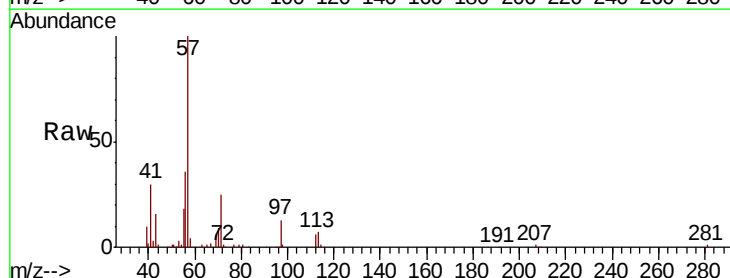
Acq: 22 Jun 2020 19:44

Tgt Ion: 43 Resp: 6659

Ion Ratio Lower Upper

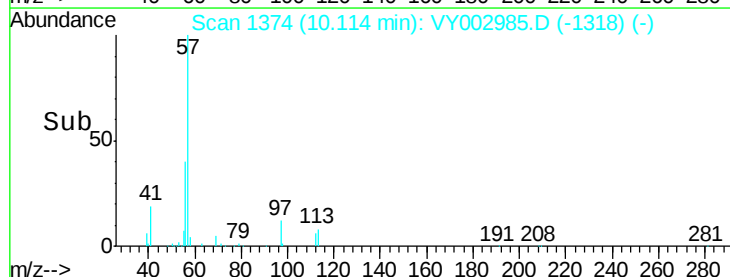
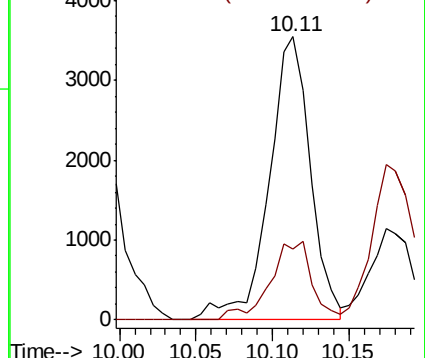
43 100

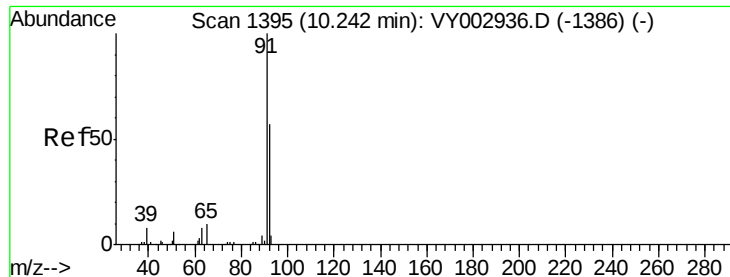
58 28.1 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#52

Toluene

Concen: 15.248 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

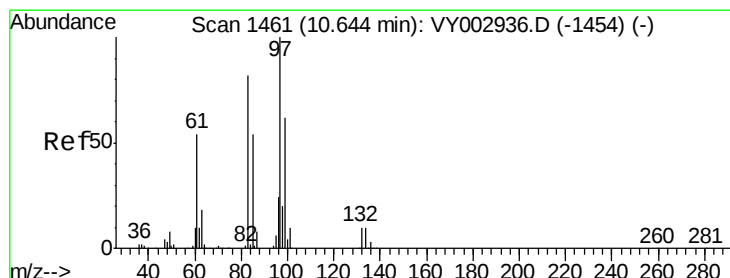
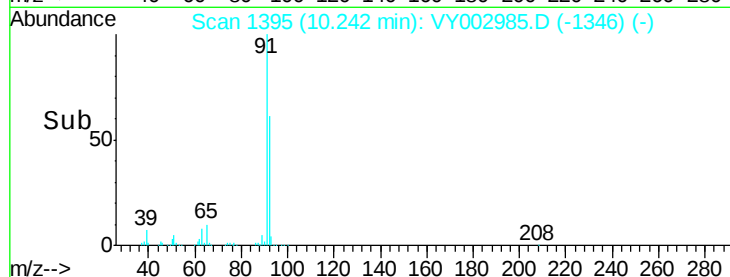
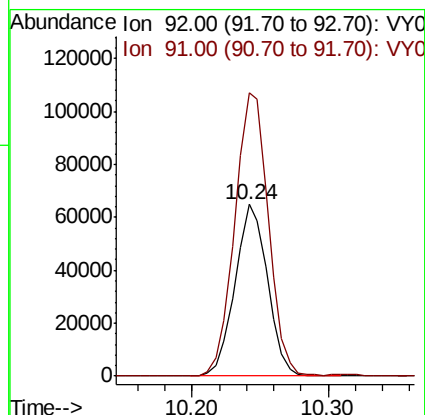
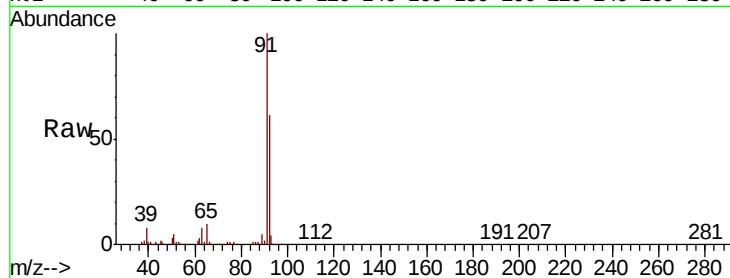
SB-4

Tot Ion: 92 Resp: 108241

Ion Ratio Lower Upper

92 100

91 170.1 139.3 208.9



#55

1,1,2-Trichloroethane

Concen: 1.543 ug/l

RT: 10.61 min Scan# 1456

Delta R.T. -0.03 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Tgt Ion: 97 Resp: 3625

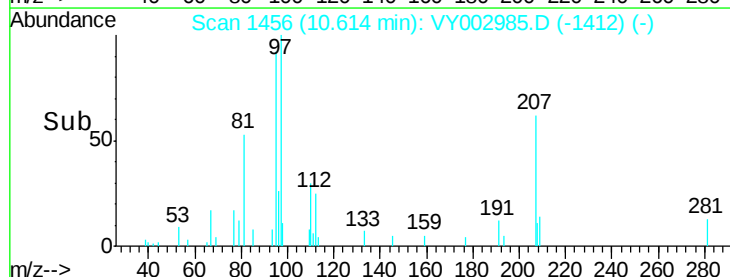
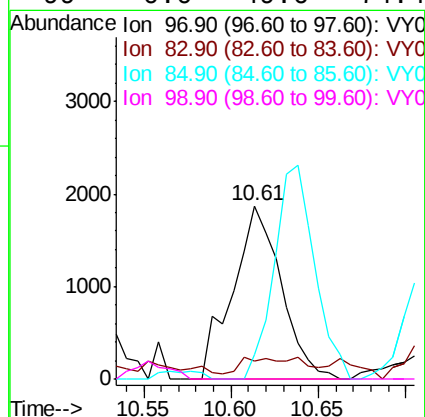
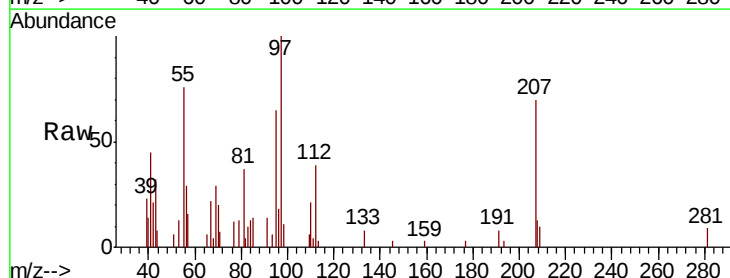
Ion Ratio Lower Upper

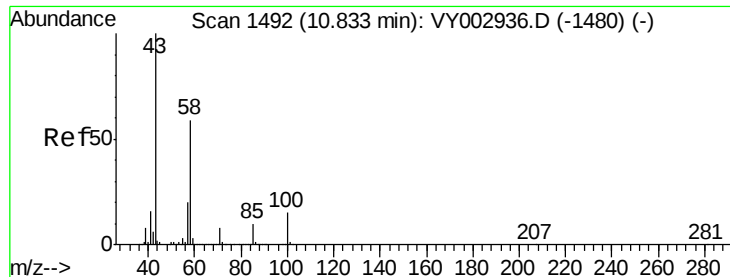
97 100

83 4.2 65.9 98.9#

85 9.4 43.1 64.7#

99 0.0 49.6 74.4#

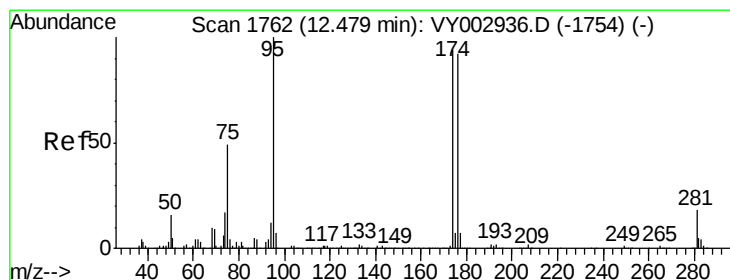
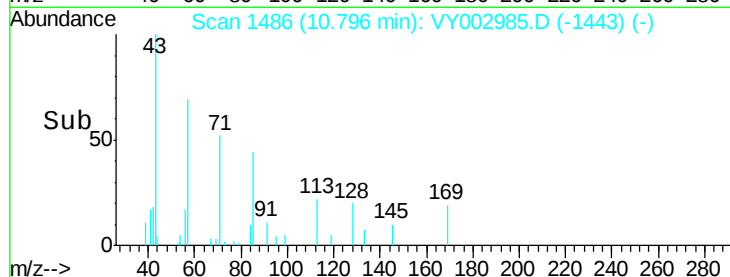
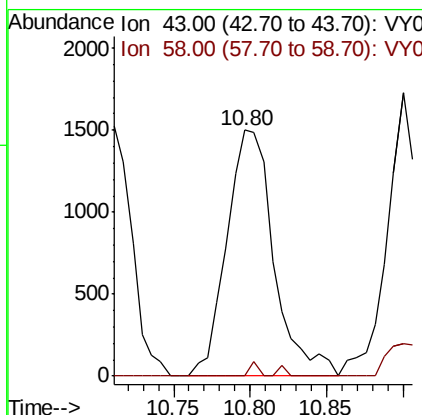
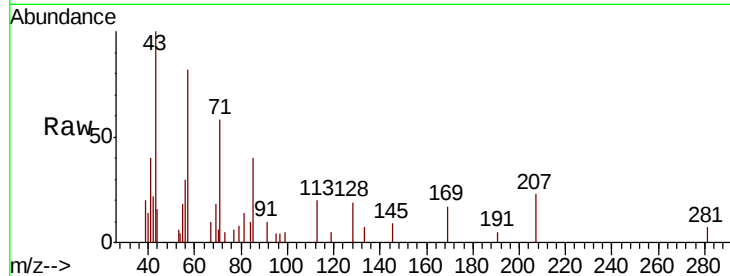




#59
2-Hexanone
Concen: 2.259 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. -0.04 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

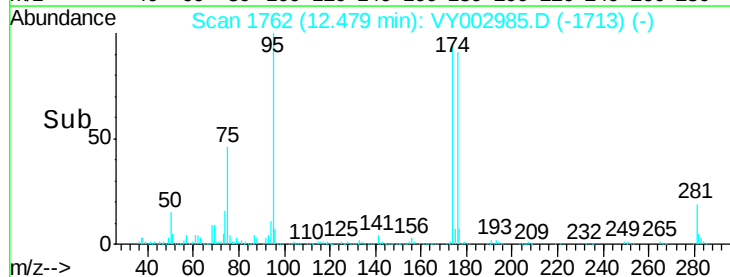
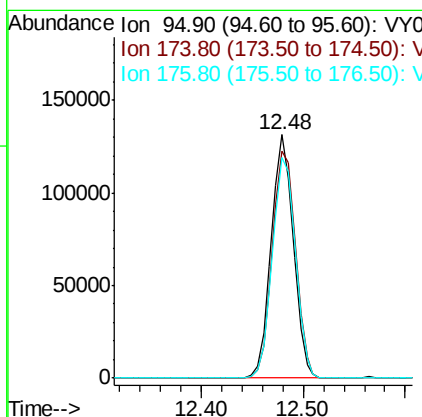
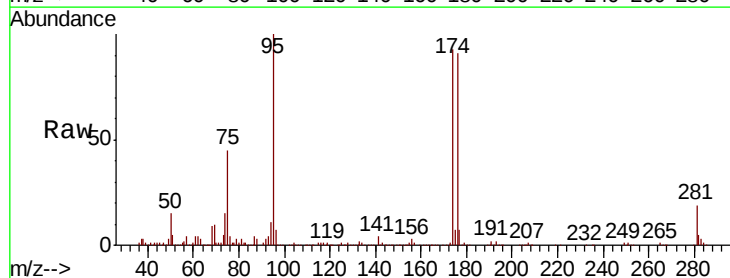
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

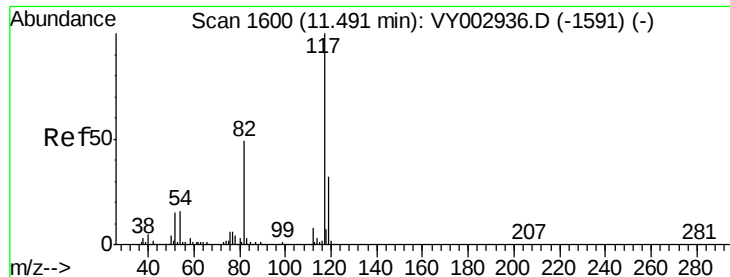
Tot Ion: 43 Resp: 3206
Ion Ratio Lower Upper
43 100
58 1.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 55.885 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Tgt Ion: 95 Resp: 196197
Ion Ratio Lower Upper
95 100
174 98.7 0.0 191.2
176 94.5 0.0 186.0

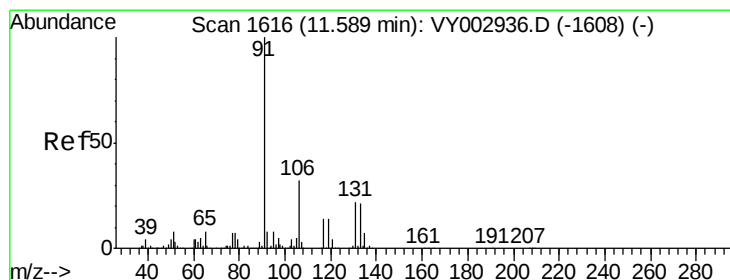
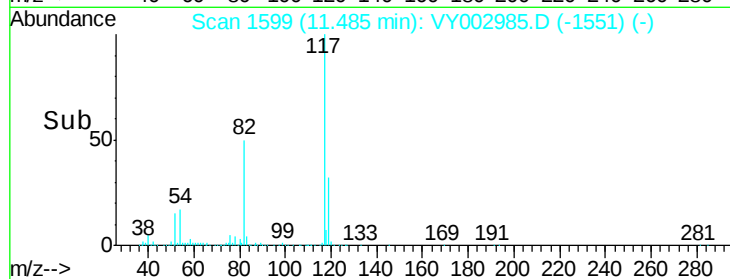
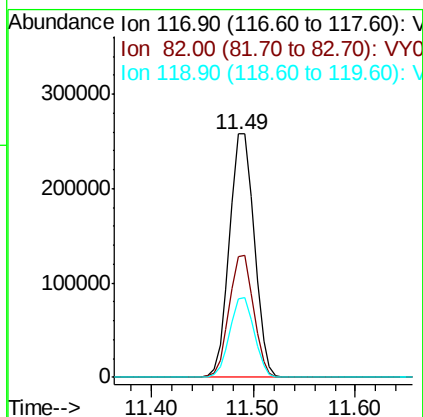
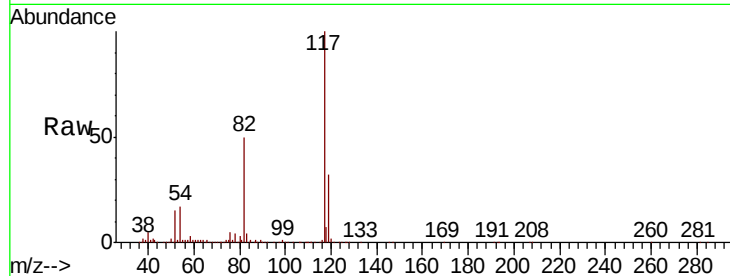




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

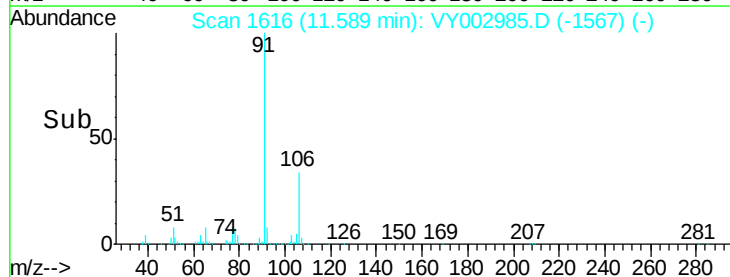
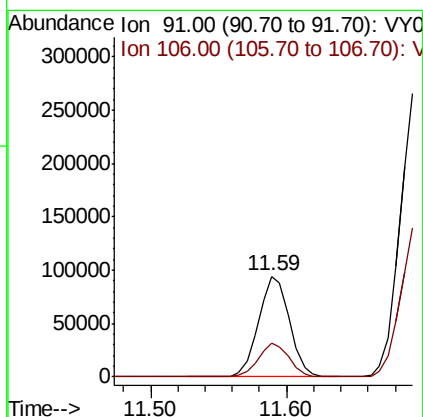
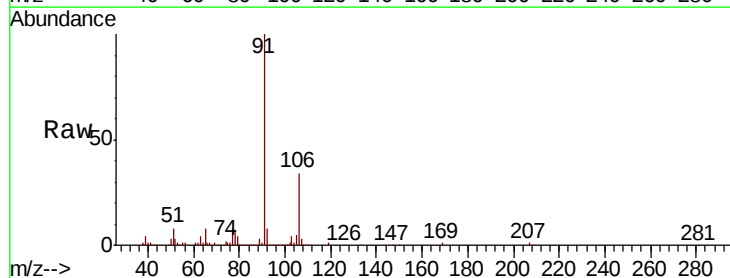
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

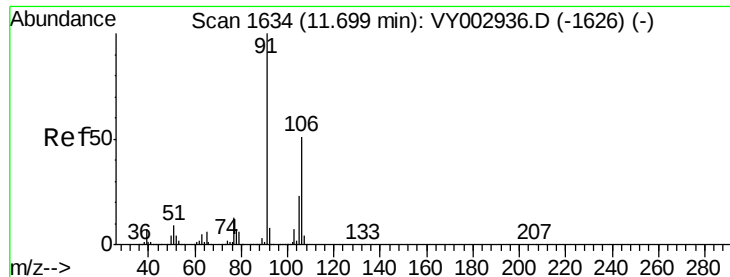
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.4	59.0
119	32.1	25.4	38.0



#67
Ethyl Benzene
Concen: 10.604 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.9	25.8	38.8

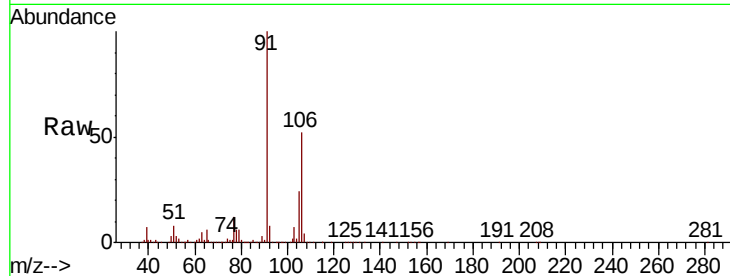




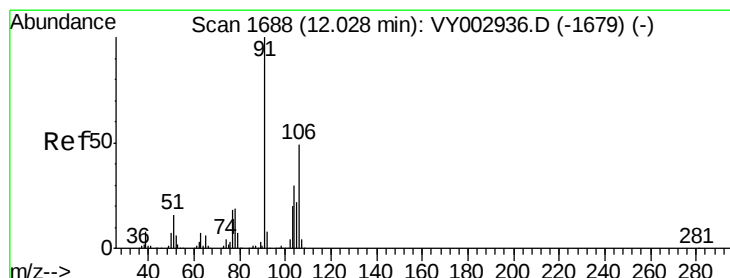
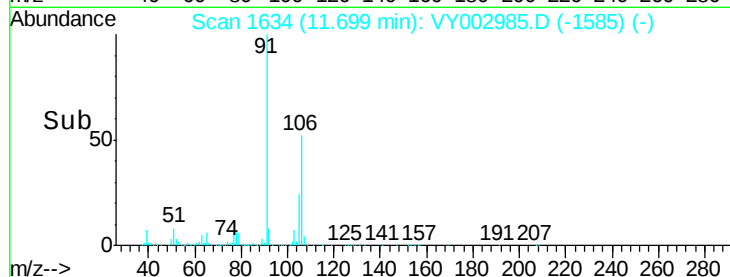
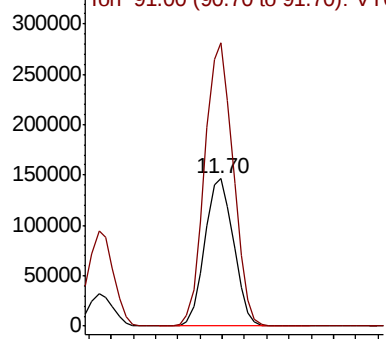
#68
m/p-Xvlenes
Concen: 47.472 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Tot Ion:106 Resp: 261089
Ion Ratio Lower Upper
106 100
91 191.1 155.9 233.9

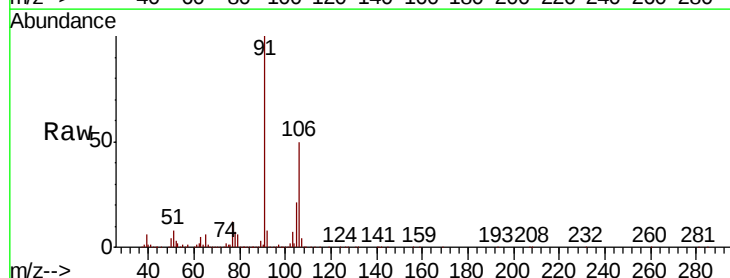


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

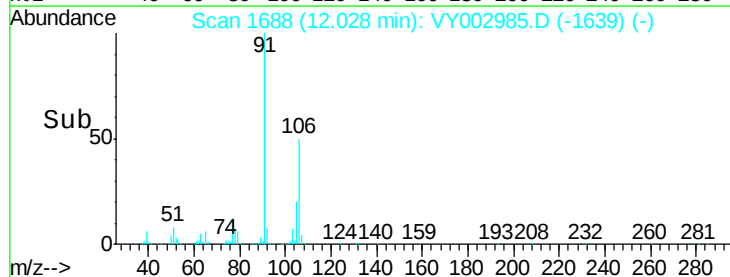
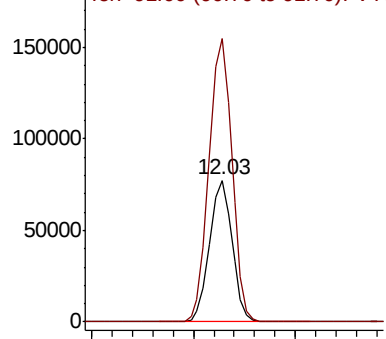


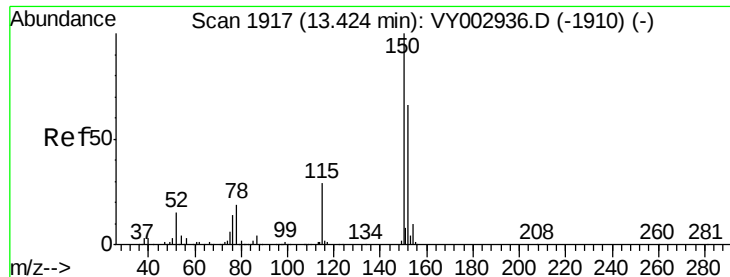
#69
o-Xylene
Concen: 22.806 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Tgt Ion:106 Resp: 118235
Ion Ratio Lower Upper
106 100
91 203.6 102.1 306.1



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



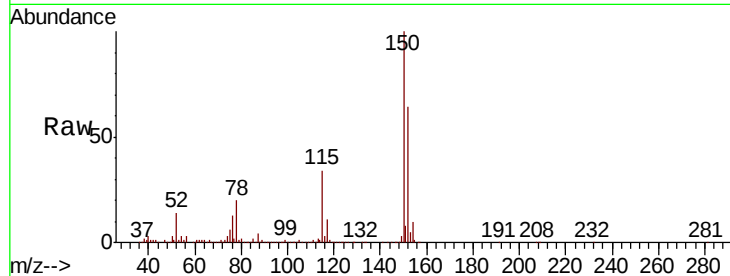


#72

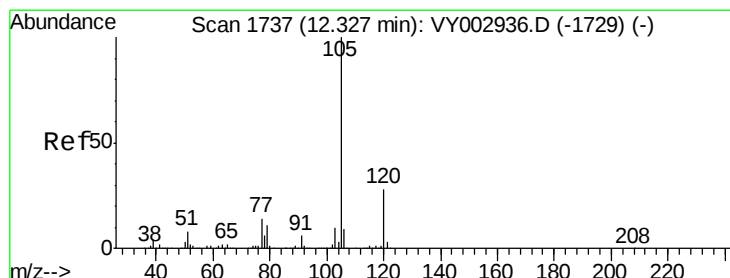
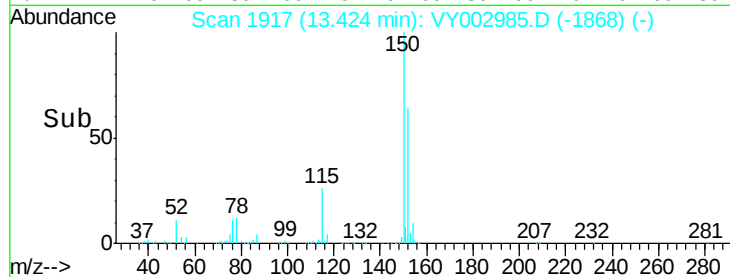
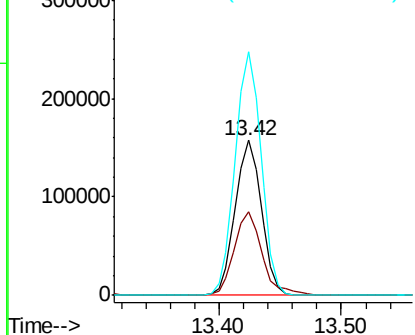
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	26.9	80.6
150	156.6	0.0	341.8



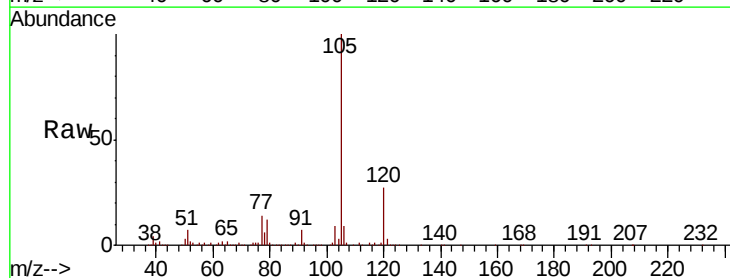
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



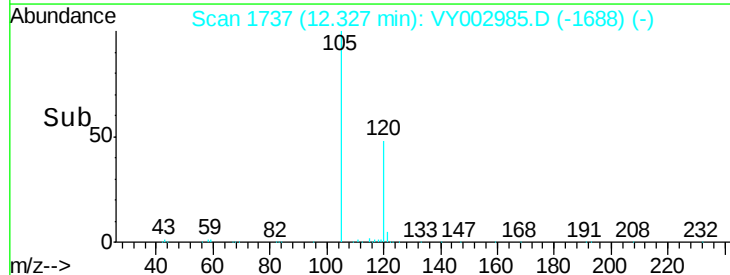
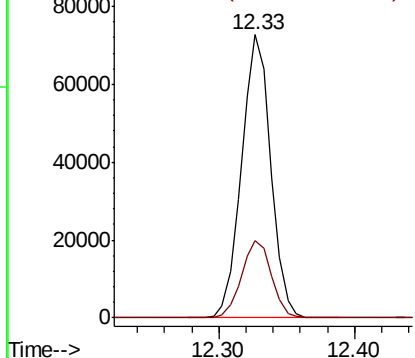
#73

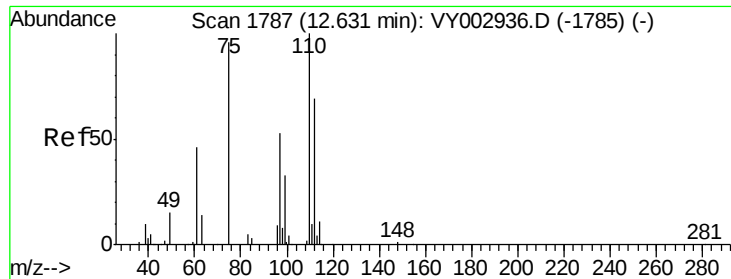
Isopropylbenzene
Concen: 7.622 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.9	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: 1.735 ug/l

RT: 12.74 min Scan# 1804

Delta R.T. 0.10 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampled :

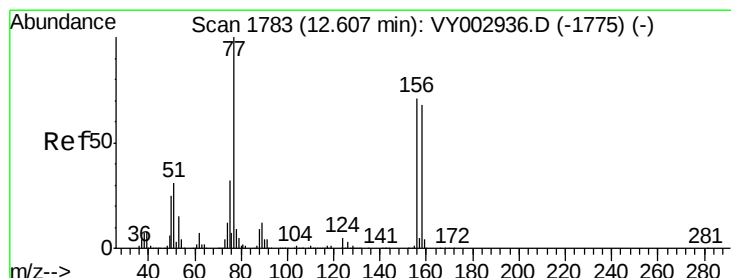
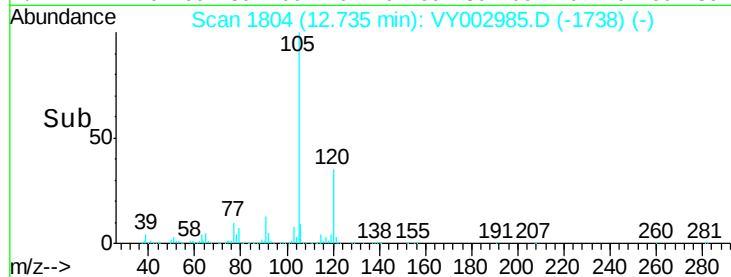
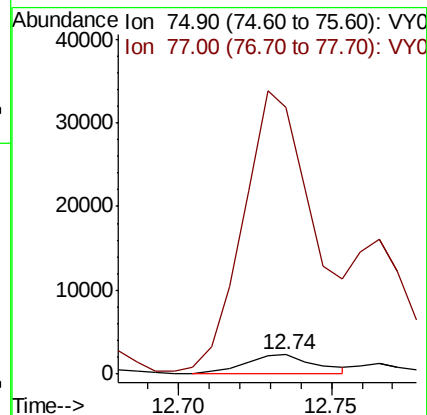
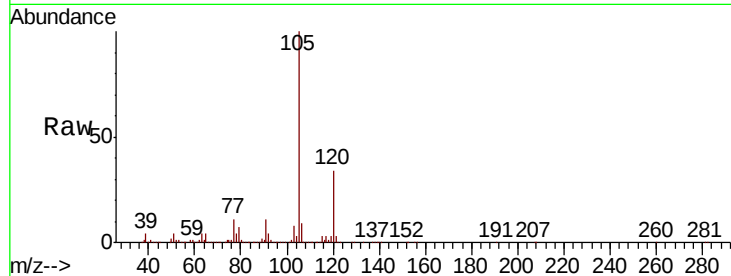
SB-4

Tot Ion: 75 Resp: 3517

Ion Ratio Lower Upper

75 100

77 1528.3 0.0 0.0#



#77

Bromobenzene

Concen: 3.428 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.07 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

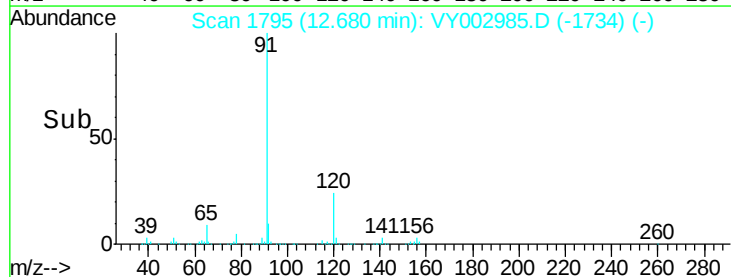
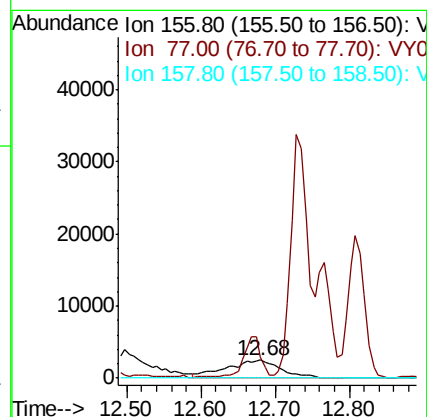
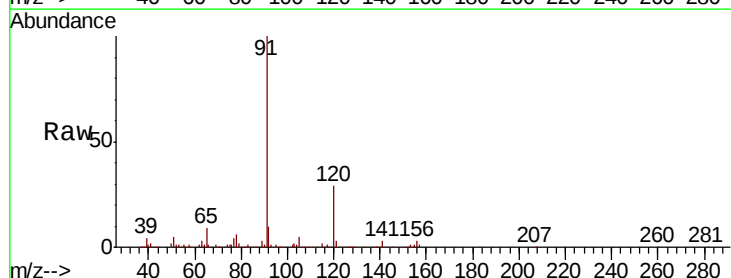
Tgt Ion: 156 Resp: 12801

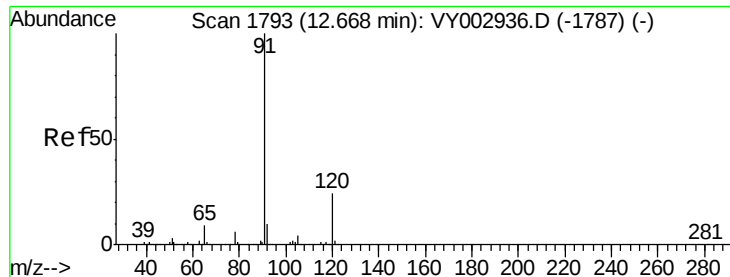
Ion Ratio Lower Upper

156 100

77 67.1 80.5 241.5#

158 0.0 48.2 144.6#





#78

n-propylbenzene

Concen: 12.798 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampled :

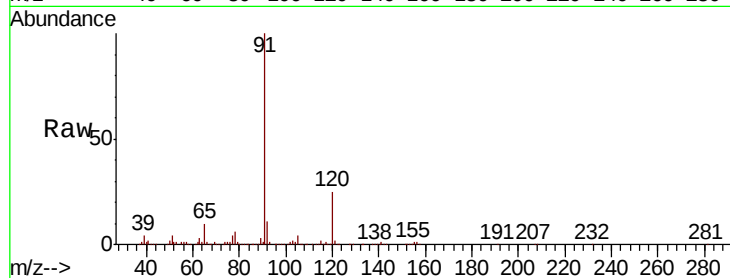
SB-4

Tot Ion: 91 Resp: 211807

Ion Ratio Lower Upper

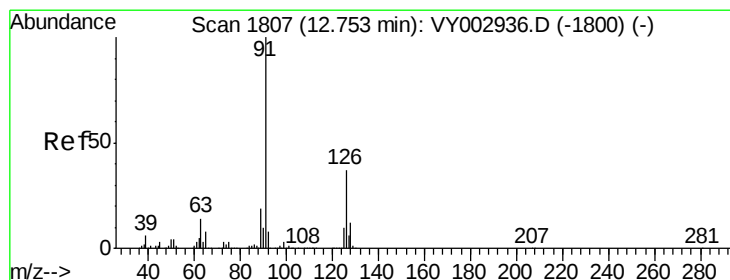
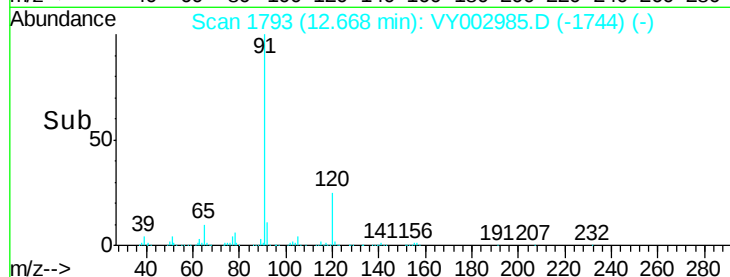
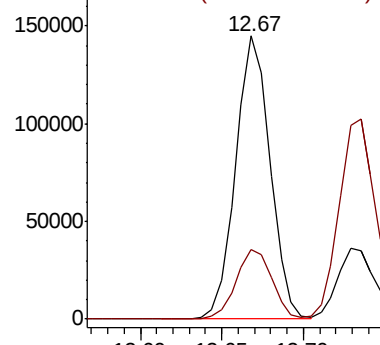
91 100

120 25.5 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: 5.996 ug/l

RT: 12.73 min Scan# 1803

Delta R.T. -0.02 min

Lab File: VY002985.D

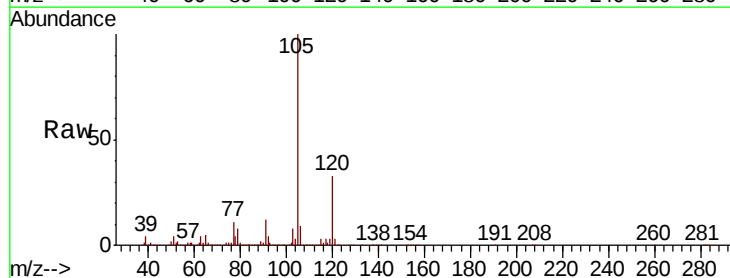
Acq: 22 Jun 2020 19:44

Tgt Ion: 91 Resp: 55579

Ion Ratio Lower Upper

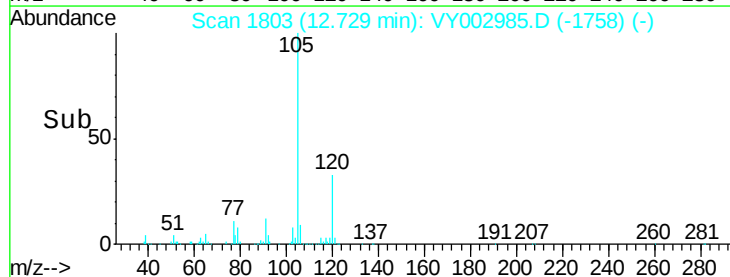
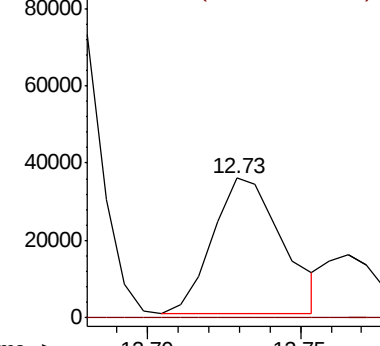
91 100

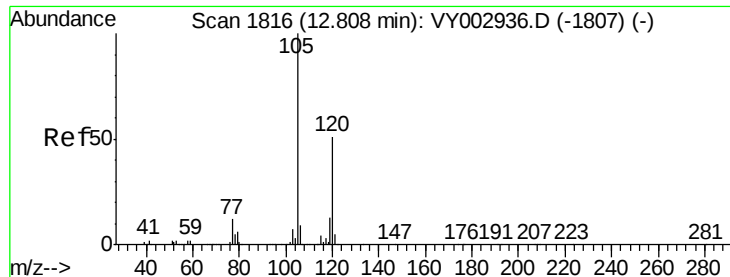
126 0.0 18.5 55.5#



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: 21.153 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampled :

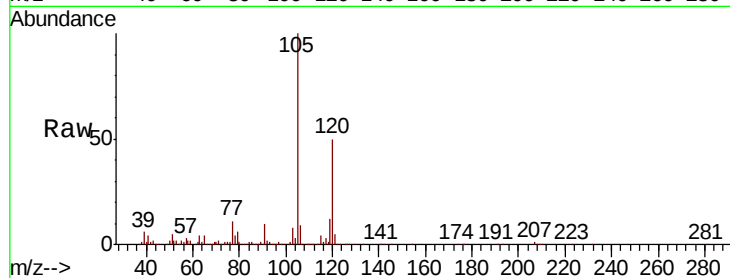
SB-4

Tot Ion:105 Resp: 251548

Ion Ratio Lower Upper

105 100

120 53.6 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

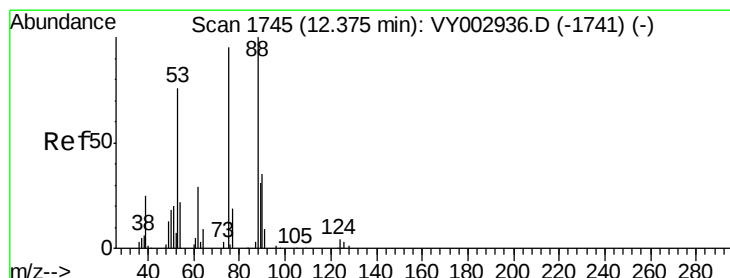
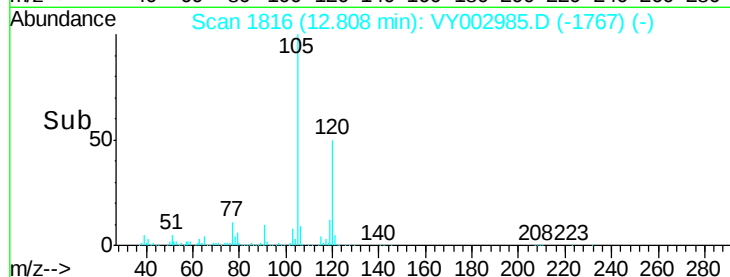
100000

50000

0

12.75 12.80 12.85 12.90

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 85.520 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

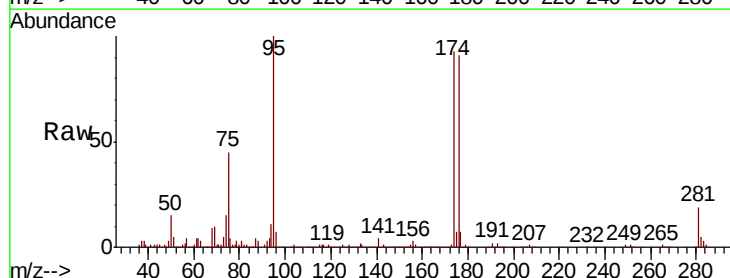
Tgt Ion: 75 Resp: 90798

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.7 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

80000

60000

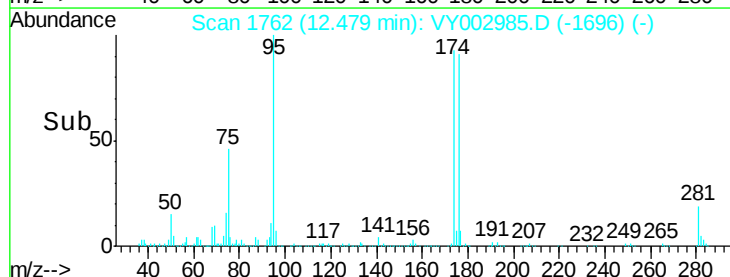
40000

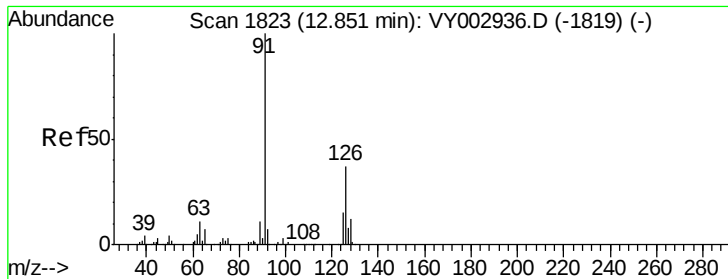
20000

0

12.40 12.50

Time-->





#82

4-Chlorotoluene

Concen: 2.766 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.04 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

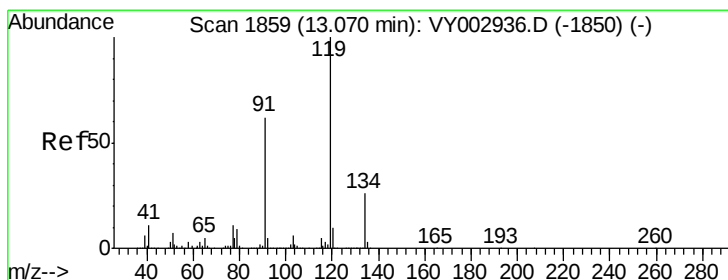
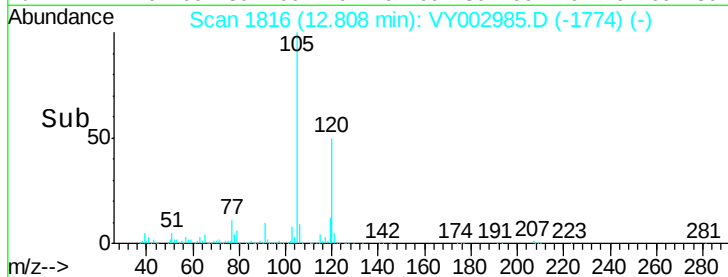
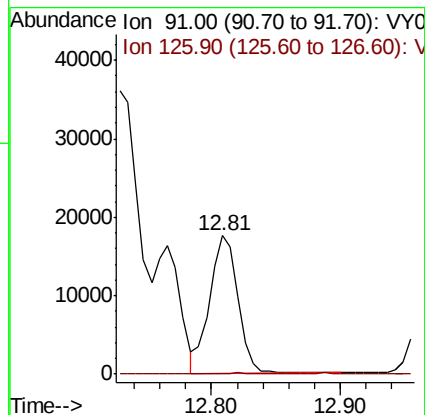
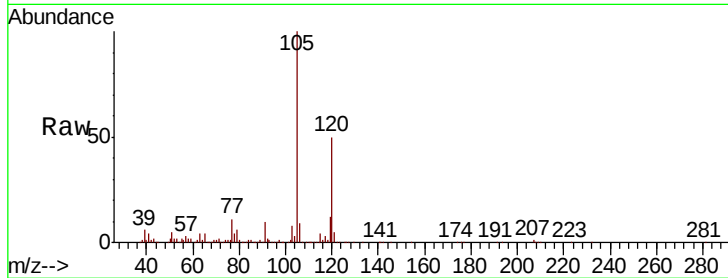
SB-4

Tot Ion: 91 Resp: 26962

Ion Ratio Lower Upper

91 100

126 0.4 18.6 55.8#



#83

tert-Butylbenzene

Concen: 10.635 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.05 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

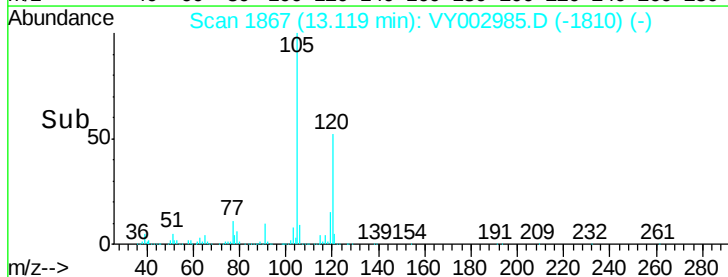
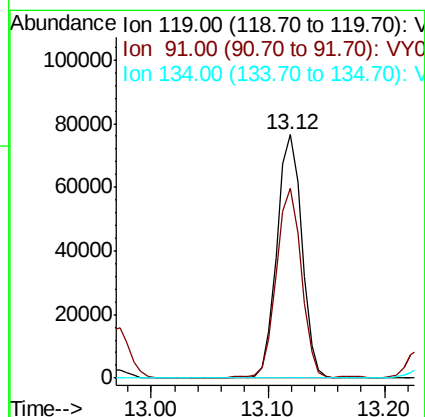
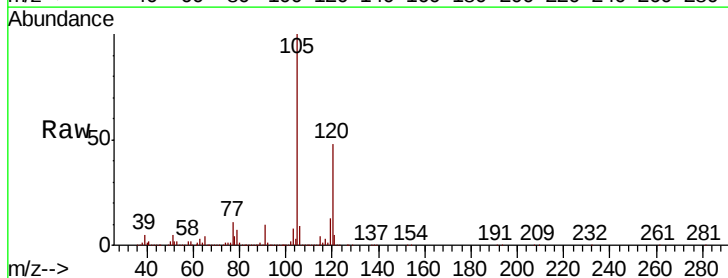
Tgt Ion: 119 Resp: 113285

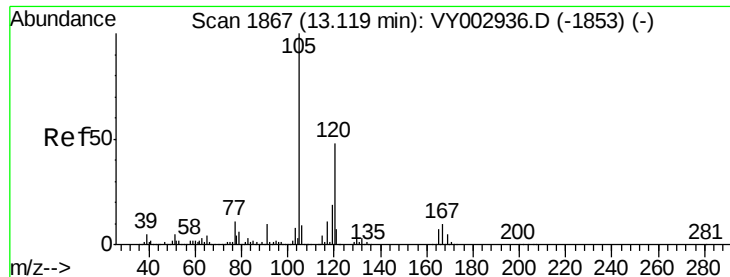
Ion Ratio Lower Upper

119 100

91 77.5 29.9 89.7

134 0.0 13.3 39.8#

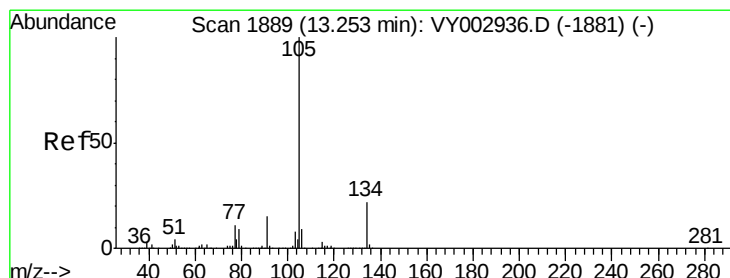
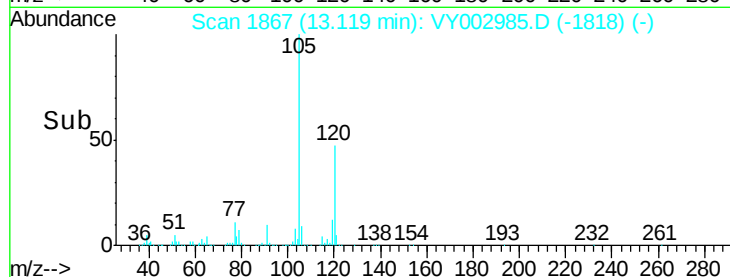
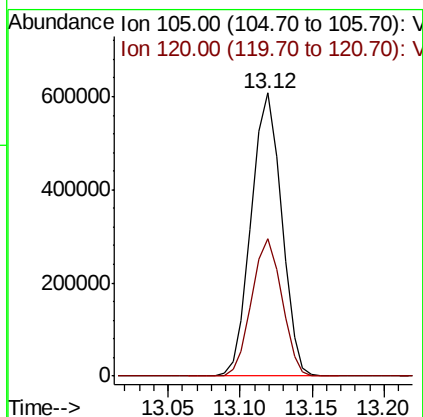
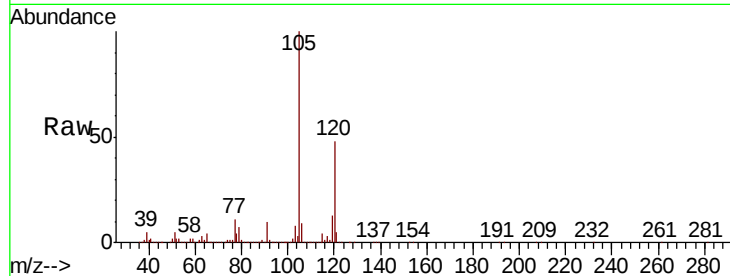




#84
1,2,4-Trimethylbenzene
Concen: 74.128 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

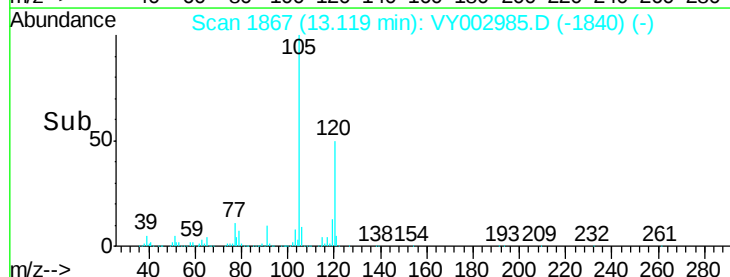
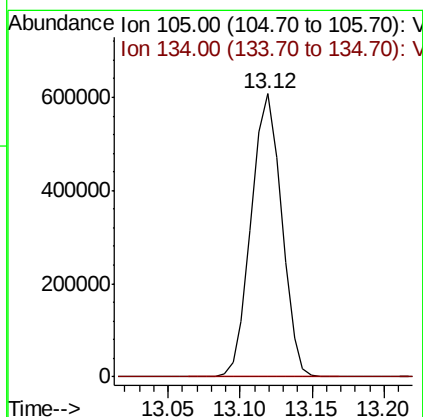
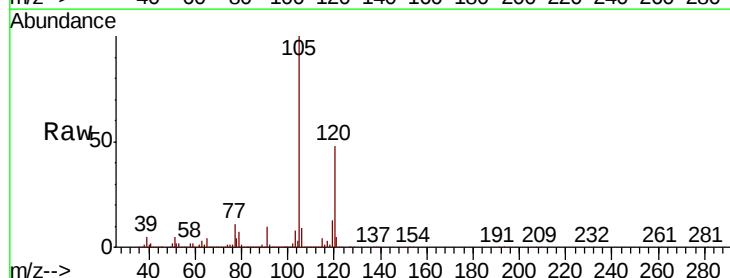
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

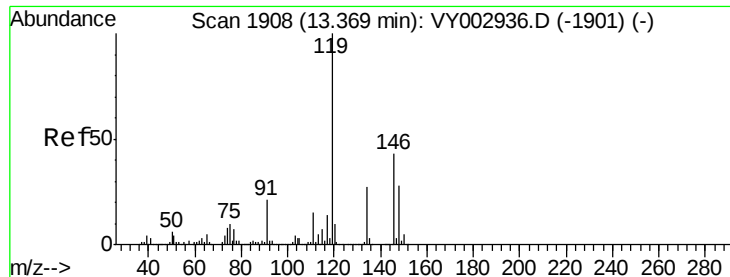
Tot Ion:105 Resp: 887032
Ion Ratio Lower Upper
105 100
120 48.3 23.5 70.5



#85
sec-Butylbenzene
Concen: 61.218 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.13 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Tgt Ion:105 Resp: 887032
Ion Ratio Lower Upper
105 100
134 0.0 10.8 32.4#

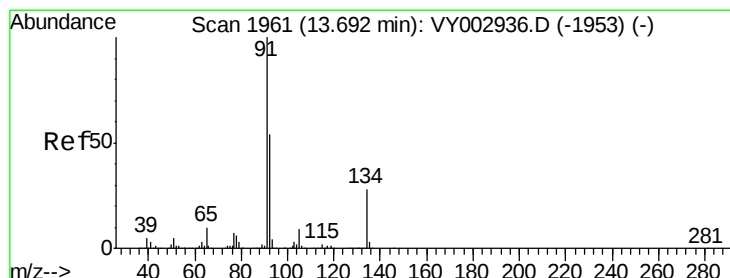
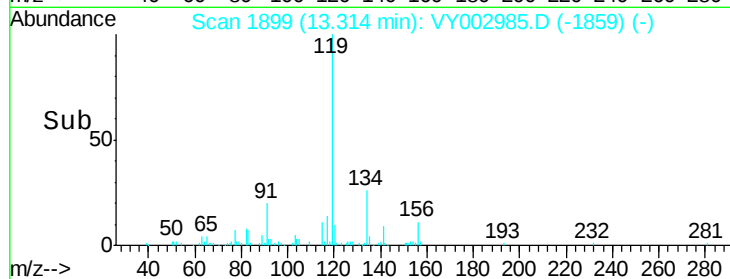
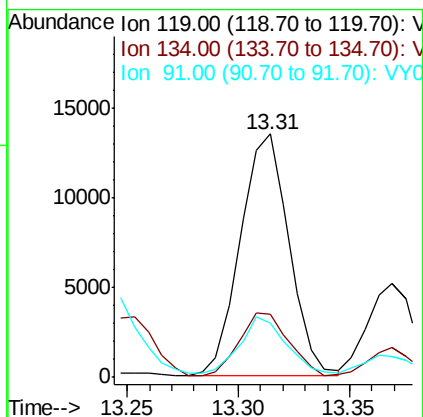
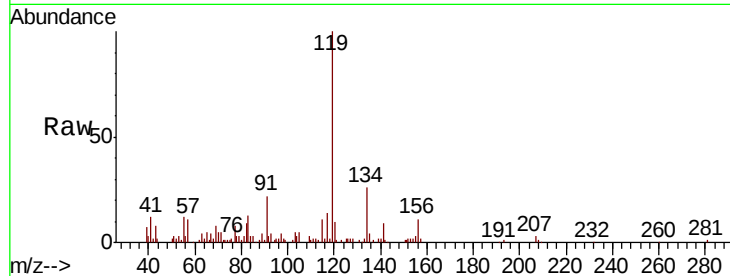




#86
p-Isopropyltoluene
Concen: 1.515 ug/l
RT: 13.31 min Scan# 1899
Delta R.T. -0.05 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

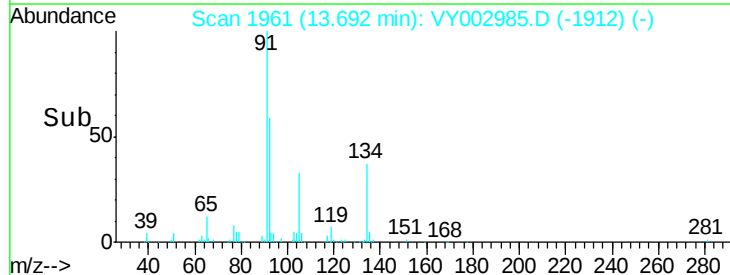
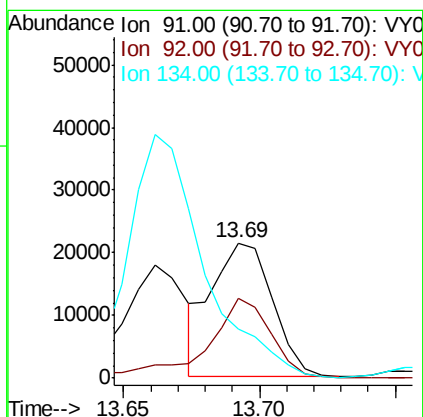
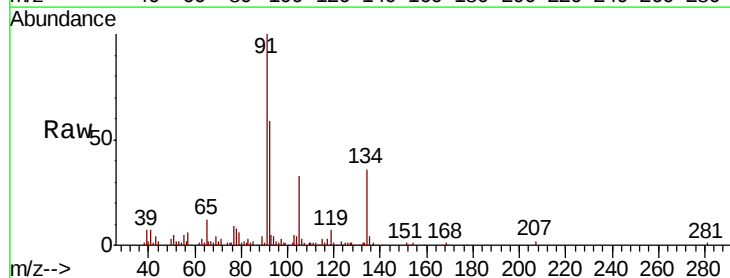
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

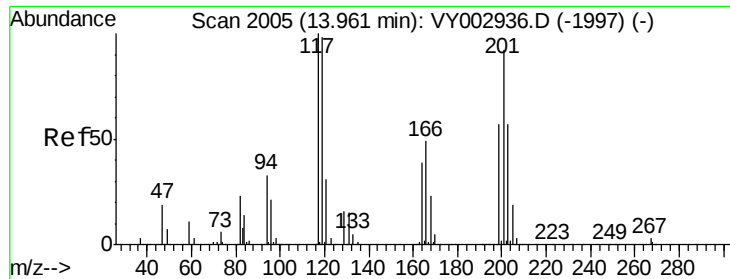
Tot Ion:119 Resp: 20596
Ion Ratio Lower Upper
119 100
134 27.6 13.6 40.8
91 21.7 10.8 32.4



#89
n-Butylbenzene
Concen: 2.668 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Tgt Ion: 91 Resp: 32775
Ion Ratio Lower Upper
91 100
92 61.8 27.0 80.8
134 0.0 14.5 43.5#





#90

Hexachloroethane

Concen: 5.509 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

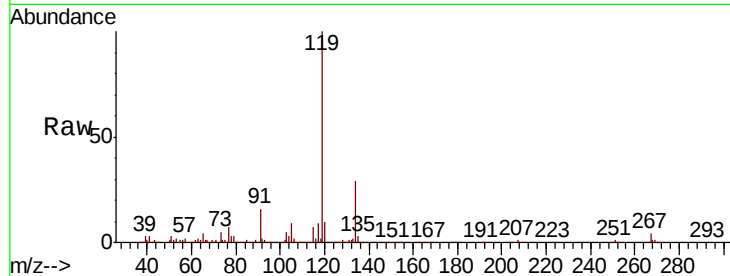
SB-4

Tot Ion:117 Resp: 13946

Ion Ratio Lower Upper

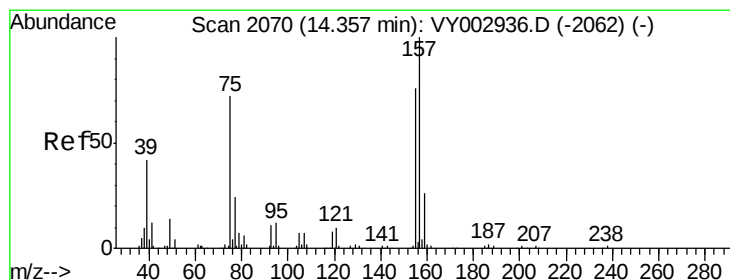
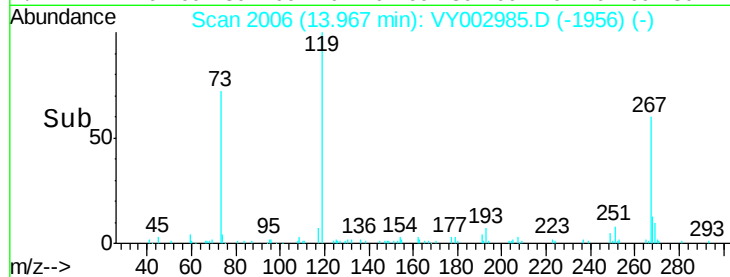
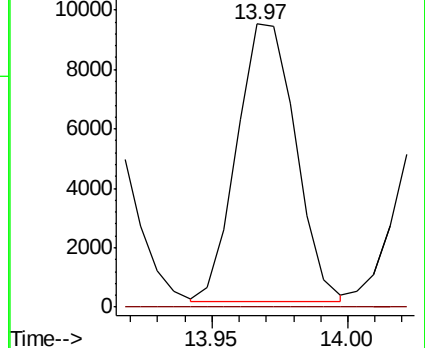
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.907 ug/l

RT: 14.33 min Scan# 2066

Delta R.T. -0.02 min

Lab File: VY002985.D

Acq: 22 Jun 2020 19:44

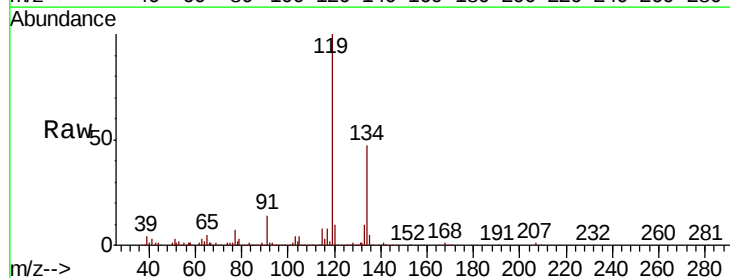
Tgt Ion: 75 Resp: 942

Ion Ratio Lower Upper

75 100

155 8.9 53.1 159.4#

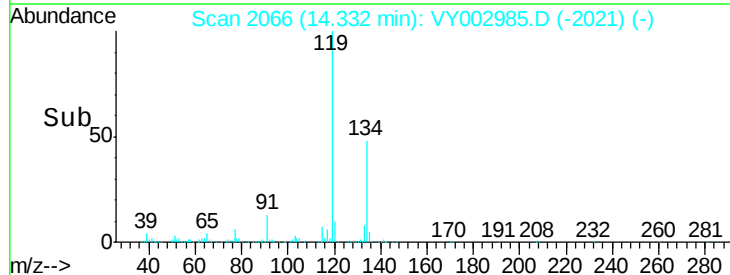
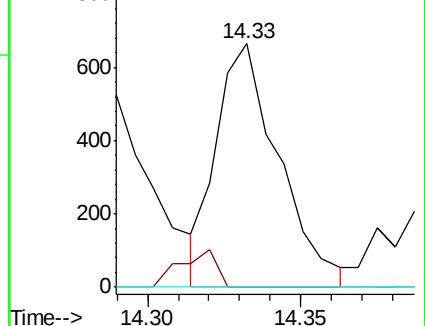
157 0.0 69.0 206.9#

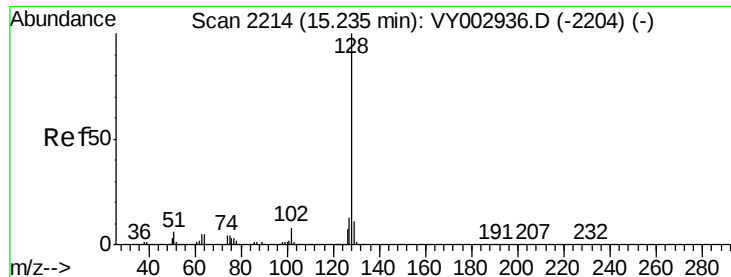


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 20.622 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002985.D
Acq: 22 Jun 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Tot Ion:128 Resp: 197610
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.7 13.1

