

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002988.D
 Acq On : 22 Jun 2020 20:56
 Operator : SY/MD
 Sample : L3082-07
 Misc : 5.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

Quant Time: Jun 23 09:42:09 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	282887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	434709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223584	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	131823	56.42	ug/l	0.00
Spiked Amount			Recovery	=	112.84%	
35) Dibromofluoromethane	7.72	113	131749	53.56	ug/l	0.00
Spiked Amount			Recovery	=	107.12%	
50) Toluene-d8	10.18	98	496644	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.48	95	186688	55.49	ug/l	0.00
Spiked Amount			Recovery	=	110.98%	

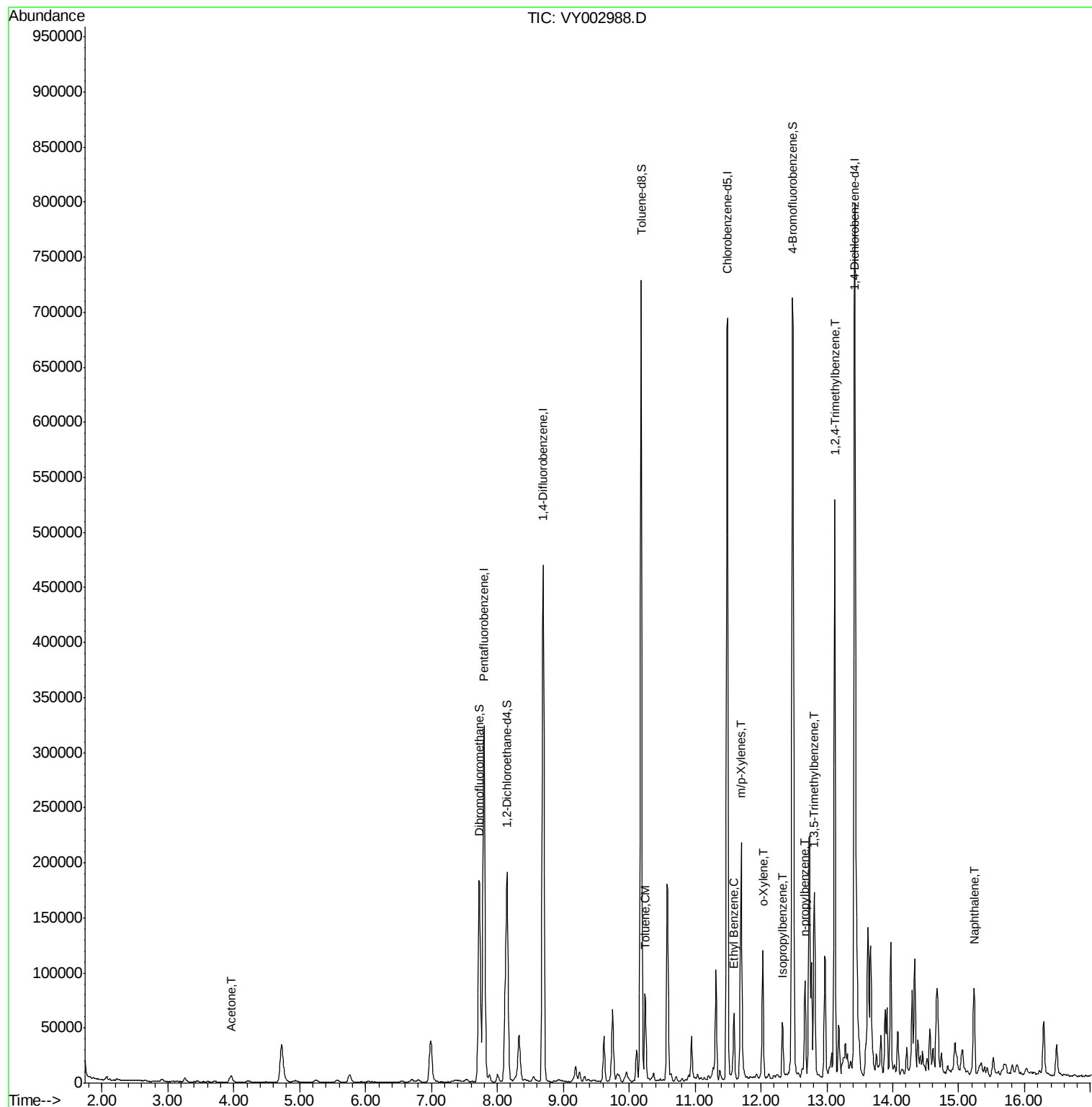
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	8533	14.745	ug/l	93
52) Toluene	10.24	92	35306	5.190	ug/l	98
67) Ethyl Benzene	11.59	91	40760	2.997	ug/l	99
68) m/p-Xylenes	11.70	106	70564	13.352	ug/l	98
69) o-Xylene	12.03	106	33785	6.782	ug/l	97
73) Isopropylbenzene	12.33	105	33626	2.454	ug/l	99
78) n-propylbenzene	12.67	91	61820	3.889	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	82121	7.189	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	288207	25.073	ug/l	99
95) Naphthalene	15.23	128	64543	7.012	ug/l	98

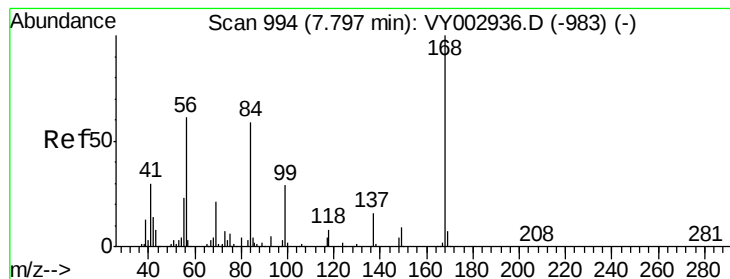
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002988.D

Acq: 22 Jun 2020 20:56

Instrument :

MSVOA_Y

ClientSampleId :

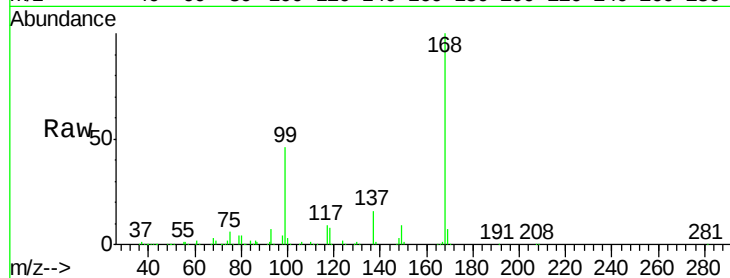
SB-8

Tot Ion:168 Resp: 282887

Ion Ratio Lower Upper

168 100

99 46.3 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

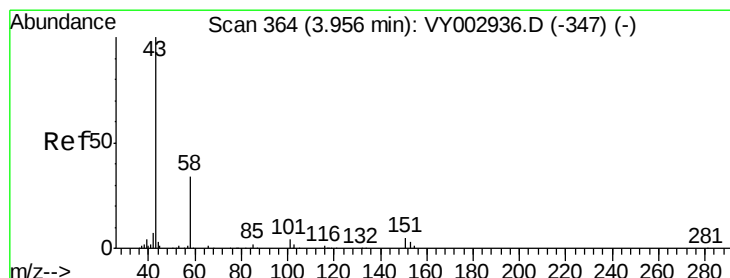
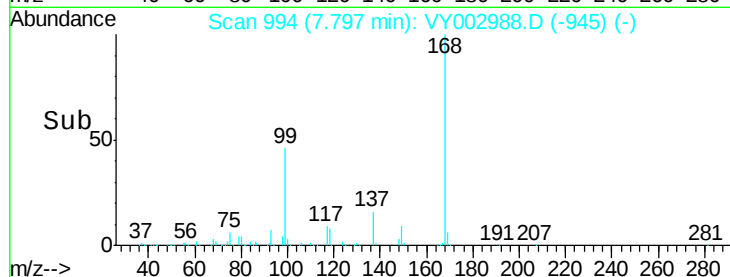
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.745 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002988.D

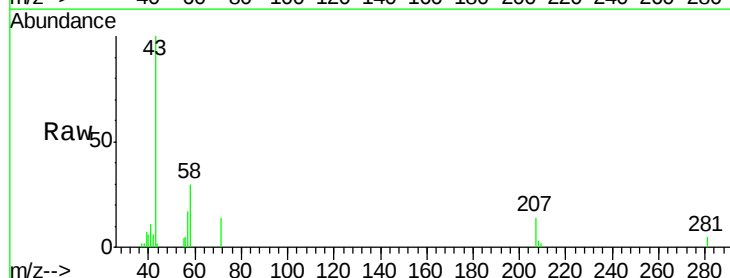
Acq: 22 Jun 2020 20:56

Tgt Ion: 43 Resp: 8533

Ion Ratio Lower Upper

43 100

58 30.3 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY002936.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002936.D (-347) (-)

3.96

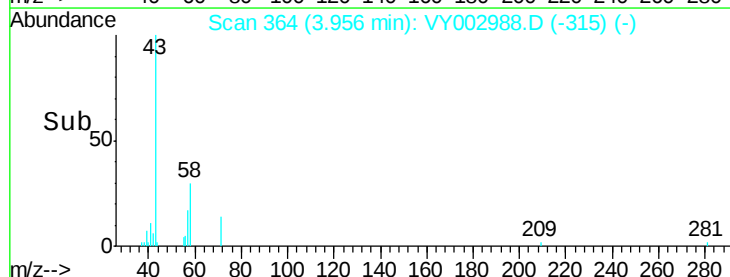
3000

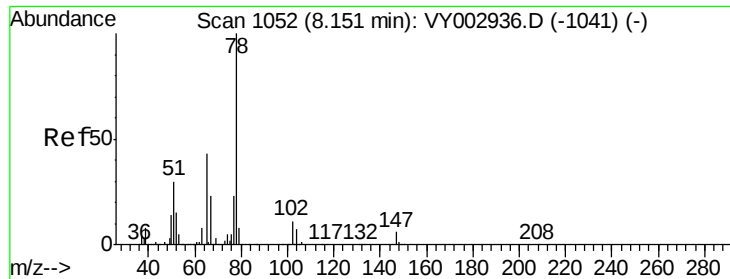
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1000

0

Time-->

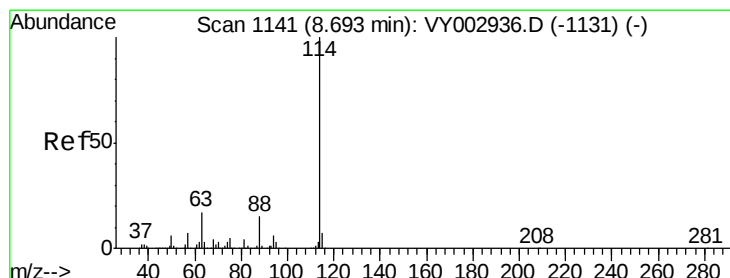
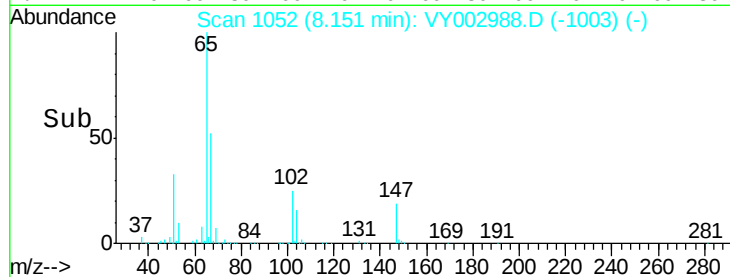
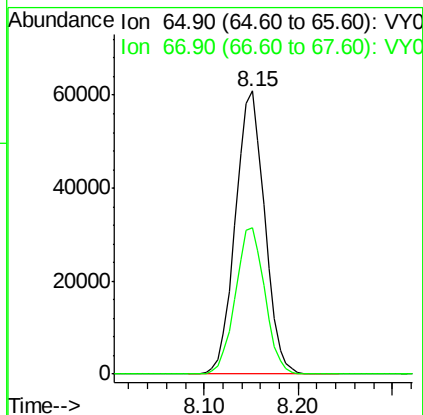
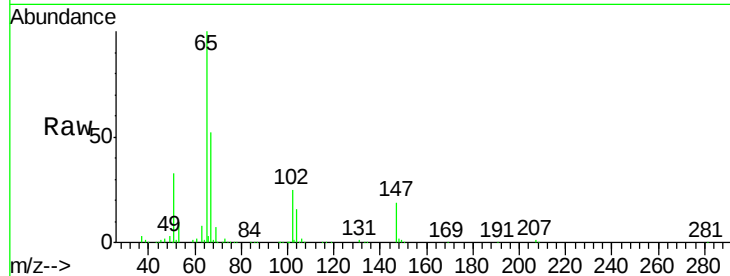




#33
 1,2-Dichloroethane-d4
 Concen: 56.417 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002988.D
 Acq: 22 Jun 2020 20:56

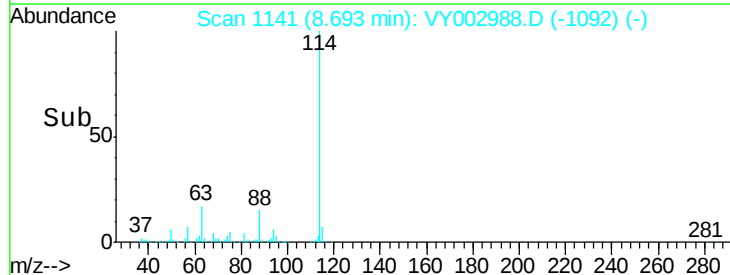
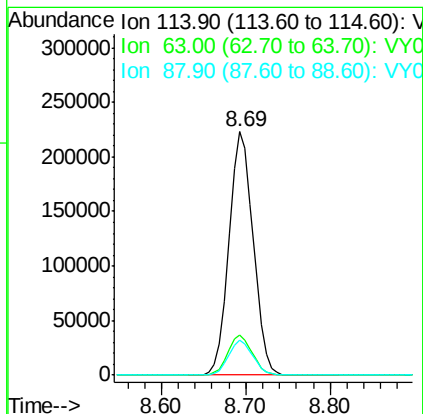
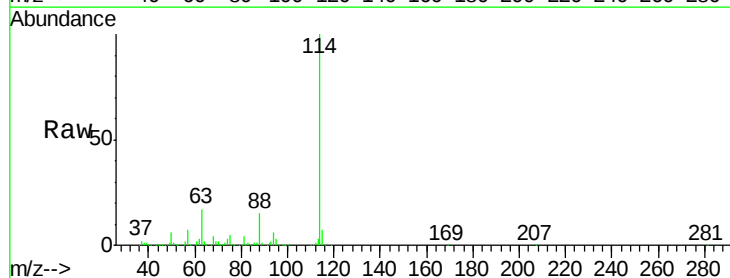
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

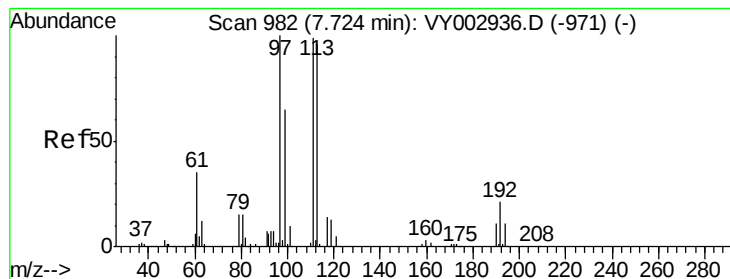
Tot Ion: 65 Resp: 131823
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002988.D
 Acq: 22 Jun 2020 20:56

Tgt Ion: 114 Resp: 434709
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 34.6
 88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.563 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002988.D

Acq: 22 Jun 2020 20:56

Instrument :

MSVOA_Y

ClientSampled :

SB-8

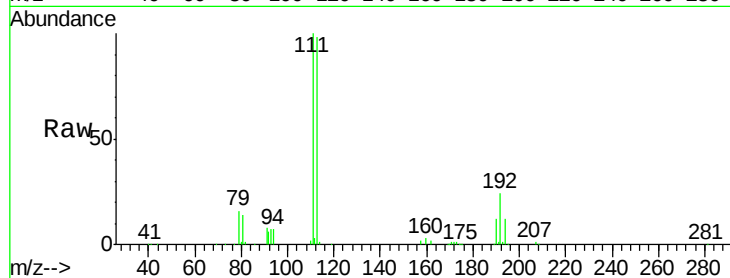
Tot Ion:113 Resp: 131749

Ion Ratio Lower Upper

113 100

111 101.5 81.5 122.3

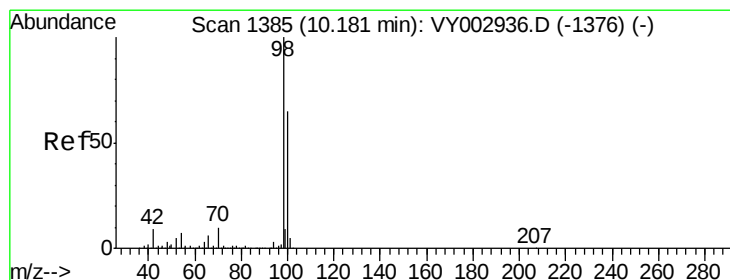
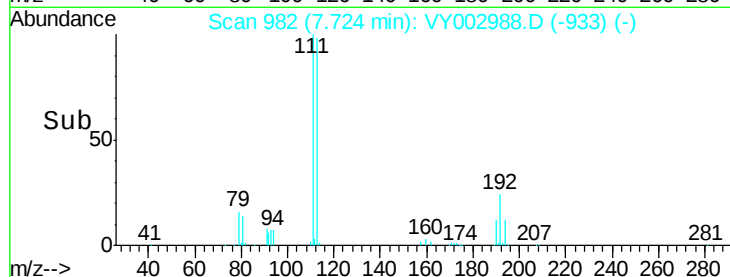
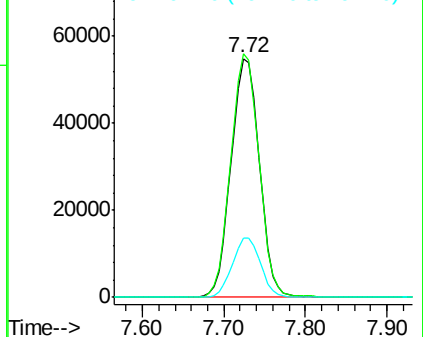
192 24.7 19.2 28.8



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



#50

Toluene-d8

Concen: 51.209 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002988.D

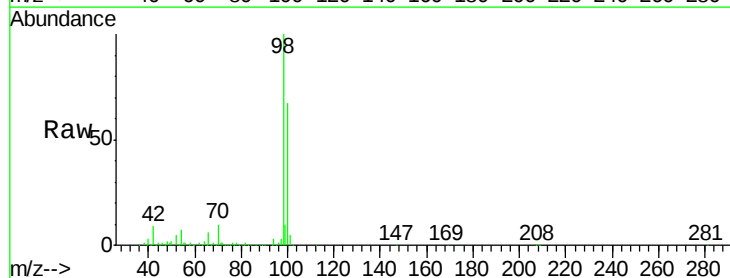
Acq: 22 Jun 2020 20:56

Tgt Ion: 98 Resp: 496644

Ion Ratio Lower Upper

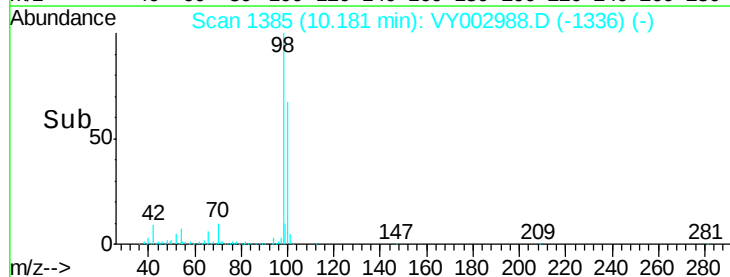
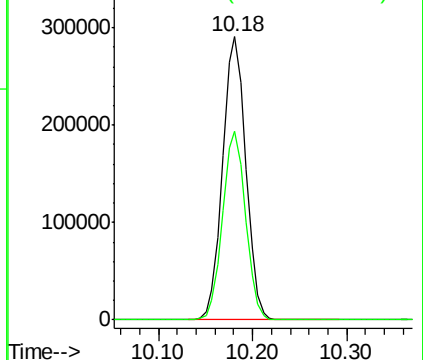
98 100

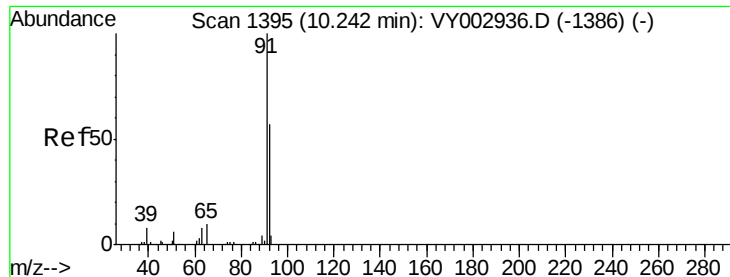
100 65.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 5.190 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002988.D

Acq: 22 Jun 2020 20:56

Instrument :

MSVOA_Y

ClientSampleId :

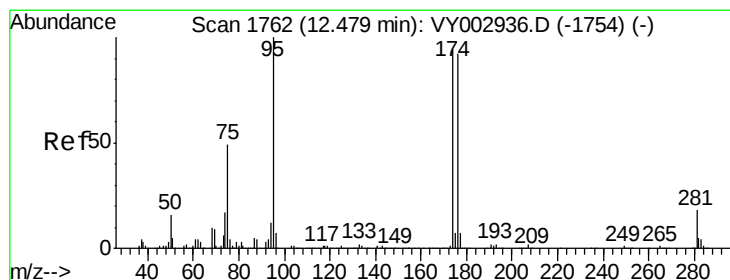
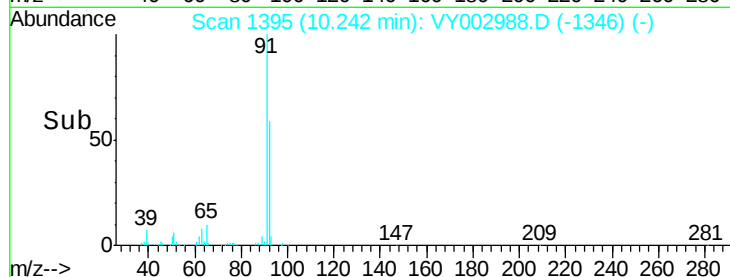
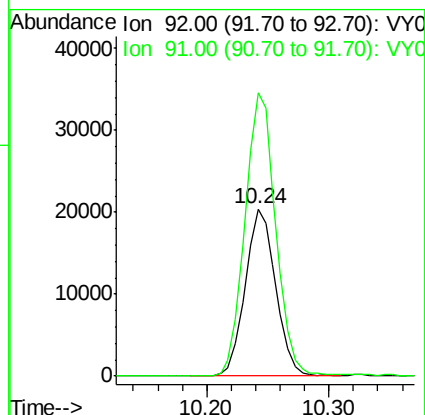
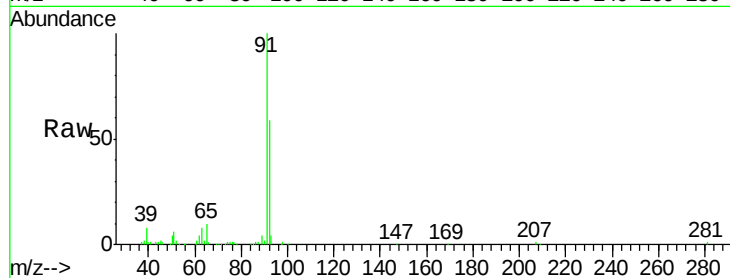
SB-8

Tot Ion: 92 Resp: 35306

Ion Ratio Lower Upper

92 100

91 171.5 139.3 208.9



#62

4-Bromofluorobenzene

Concen: 55.493 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002988.D

Acq: 22 Jun 2020 20:56

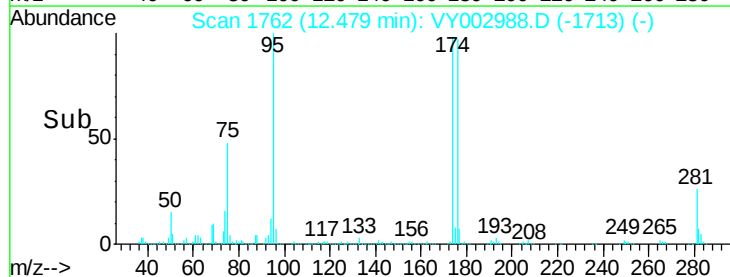
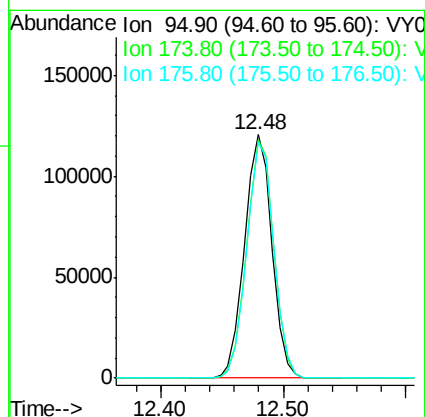
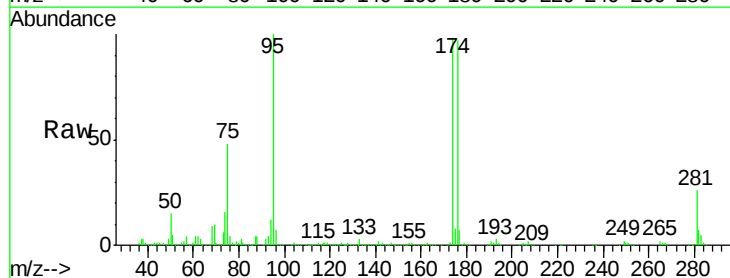
Tgt Ion: 95 Resp: 186688

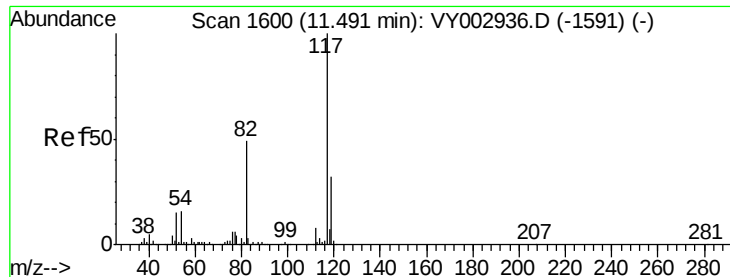
Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.2

176 96.7 0.0 186.0

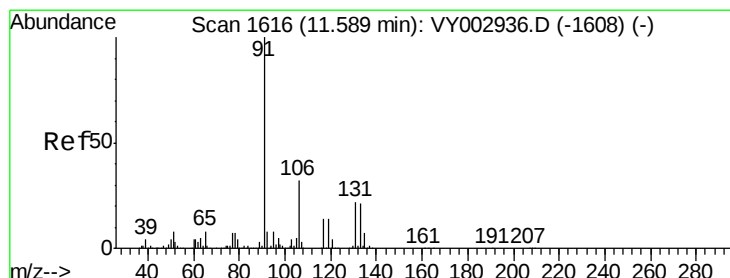
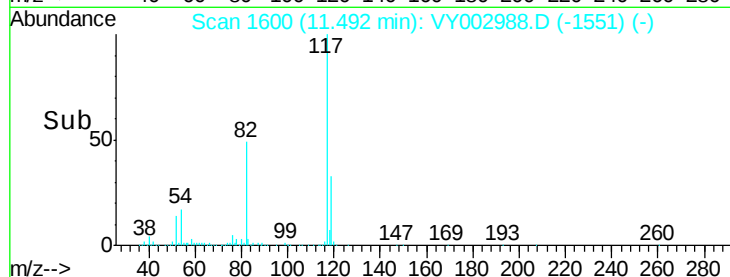
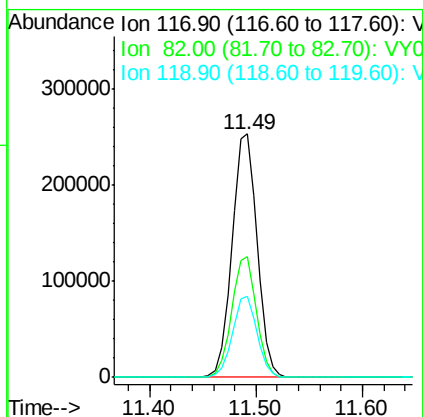
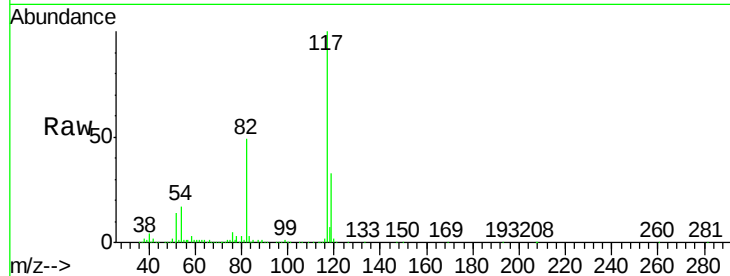




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002988.D
Acq: 22 Jun 2020 20:56

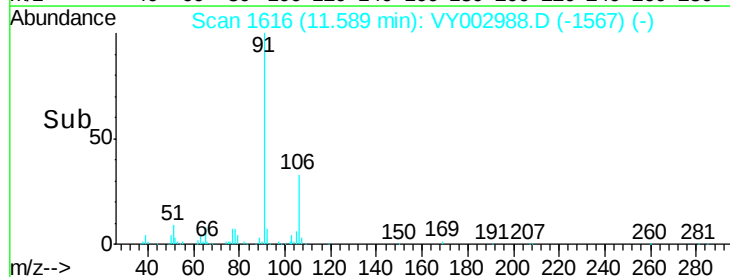
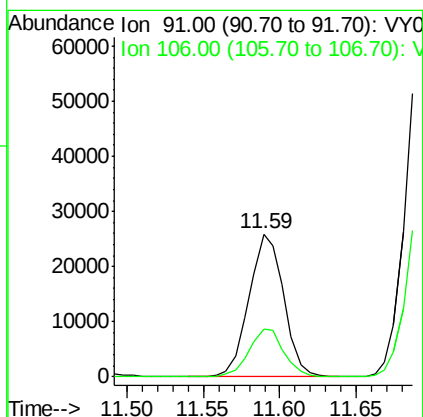
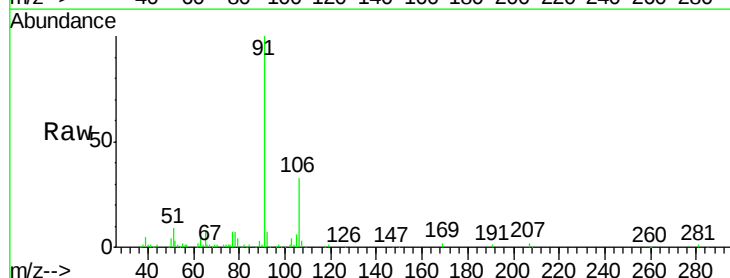
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

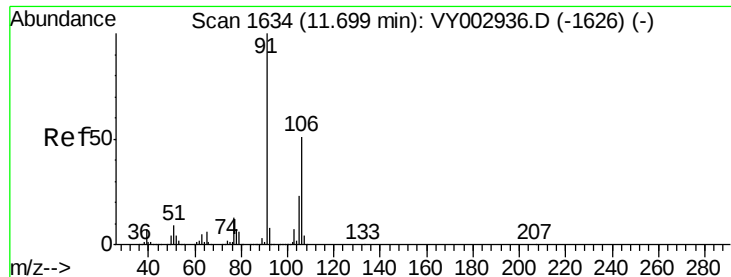
Tot Ion:117 Resp: 416529
Ion Ratio Lower Upper
117 100
82 49.5 39.4 59.0
119 33.1 25.4 38.0



#67
Ethyl Benzene
Concen: 2.997 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002988.D
Acq: 22 Jun 2020 20:56

Tgt Ion: 91 Resp: 40760
Ion Ratio Lower Upper
91 100
106 32.9 25.8 38.8

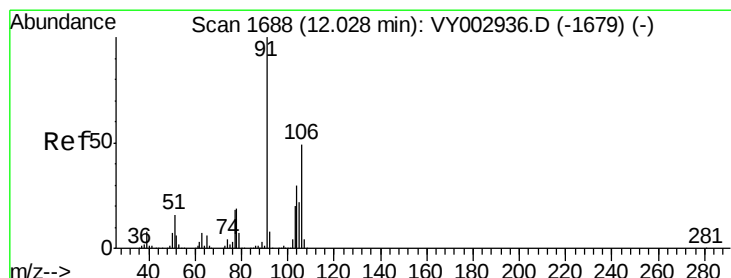
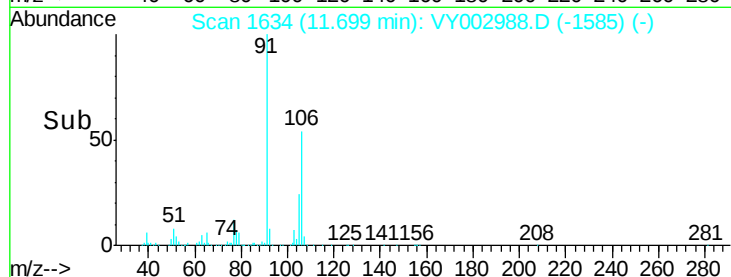
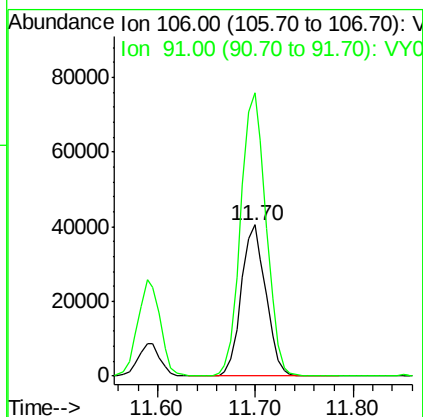
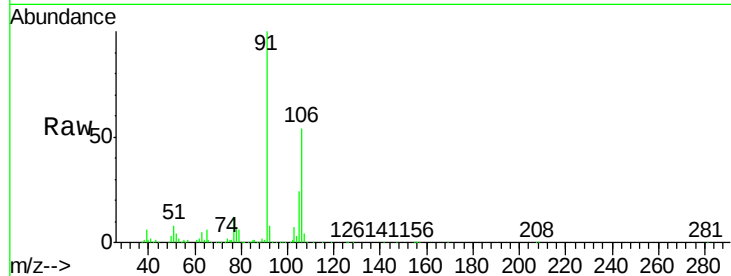




#68
m/p-Xvlenes
Concen: 13.352 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002988.D
Acq: 22 Jun 2020 20:56

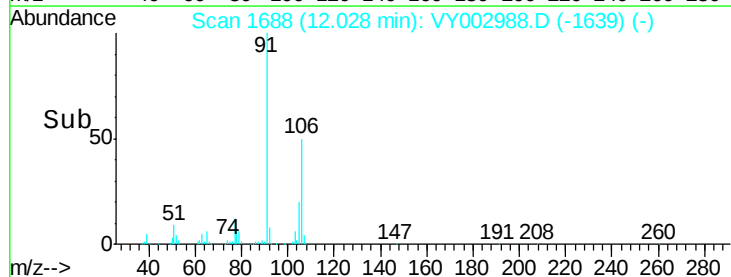
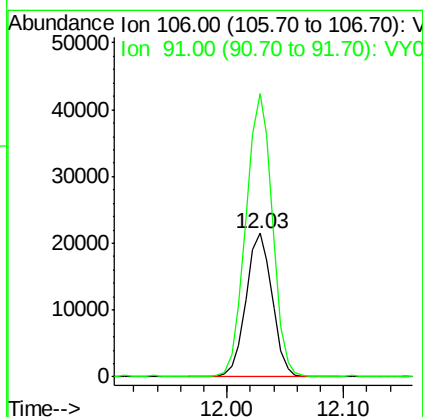
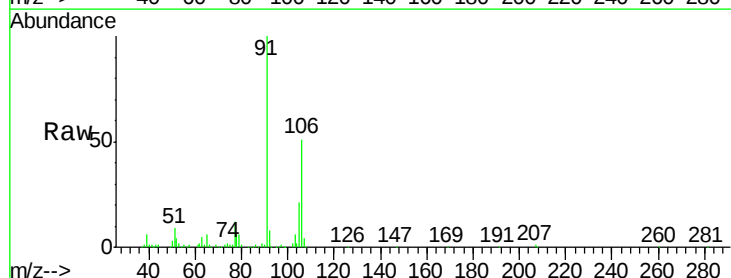
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

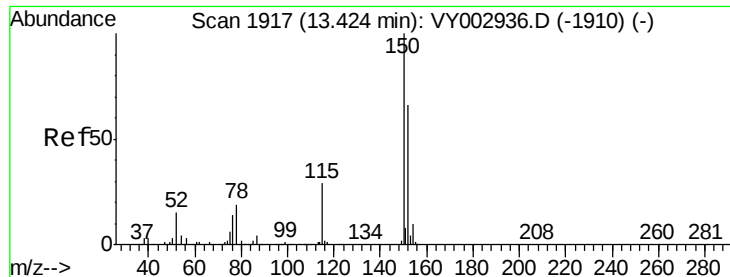
Tot Ion:106 Resp: 70564
Ion Ratio Lower Upper
106 100
91 192.4 155.9 233.9



#69
o-Xylene
Concen: 6.782 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002988.D
Acq: 22 Jun 2020 20:56

Tgt Ion:106 Resp: 33785
Ion Ratio Lower Upper
106 100
91 198.8 102.1 306.1



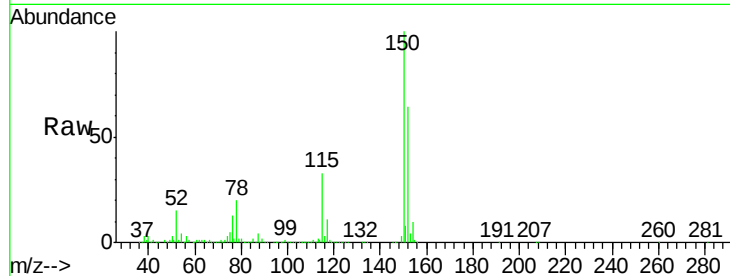


#72

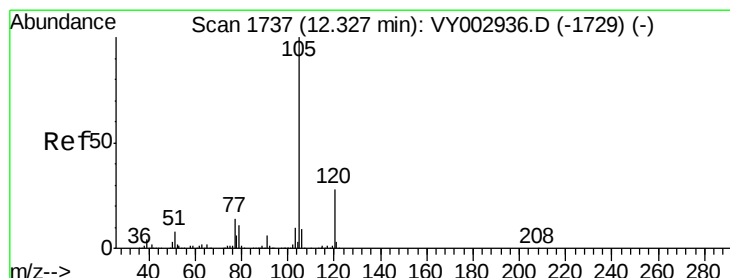
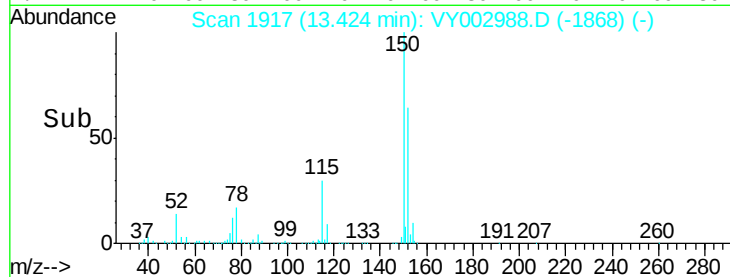
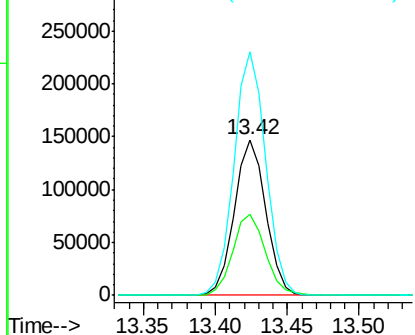
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002988.D
Acq: 22 Jun 2020 20:56

Instrument :
MSVOA_Y
ClientSampled :
SB-8

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	26.9	80.6
150	157.7	0.0	341.8



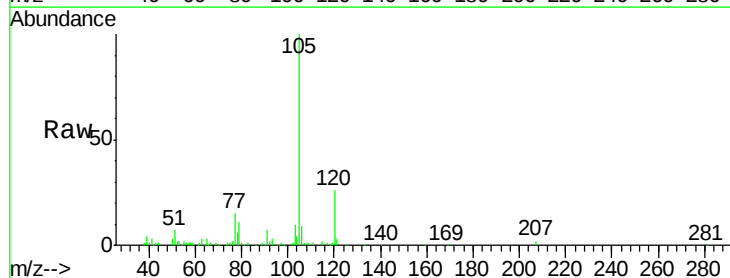
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



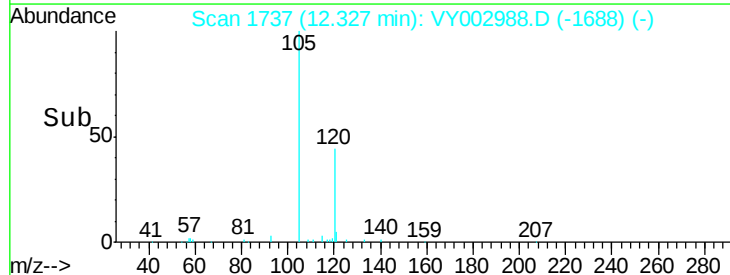
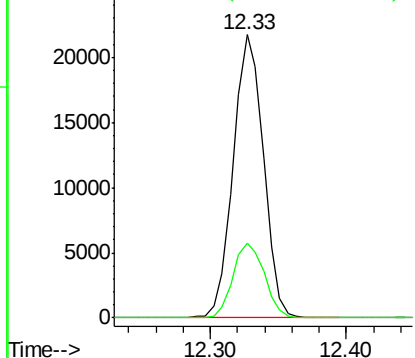
#73

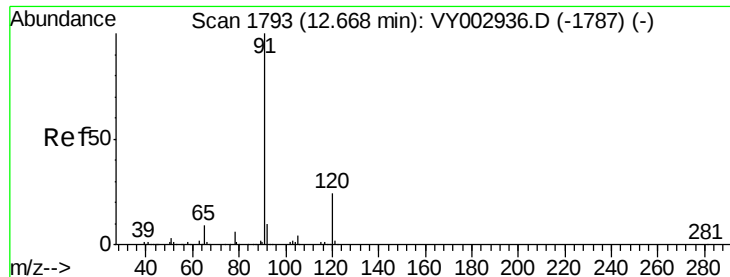
Isopropylbenzene
Concen: 2.454 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002988.D
Acq: 22 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	14.0	41.9



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





#78

n-propylbenzene

Concen: 3.889 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002988.D

Acq: 22 Jun 2020 20:56

Instrument :

MSVOA_Y

ClientSampleId :

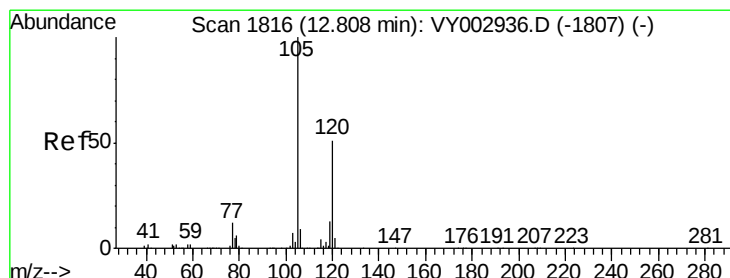
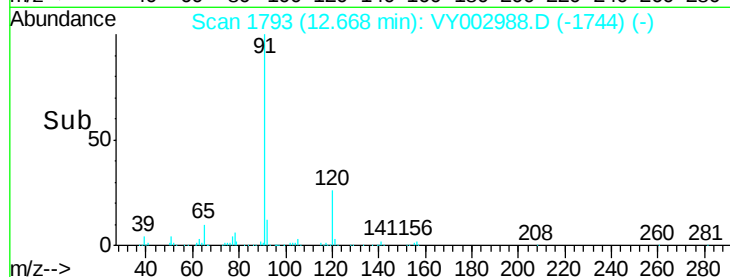
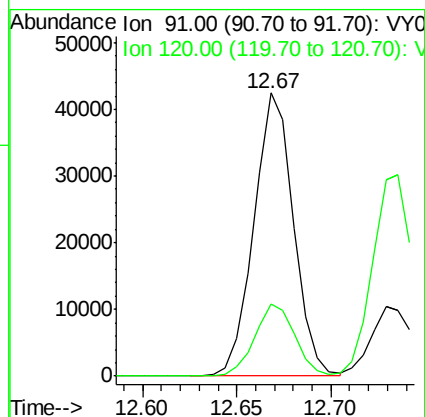
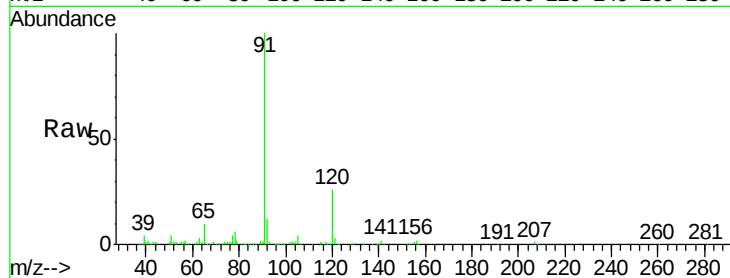
SB-8

Tot Ion: 91 Resp: 61820

Ion Ratio Lower Upper

91 100

120 25.9 12.3 36.9



#80

1,3,5-Trimethylbenzene

Concen: 7.189 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY002988.D

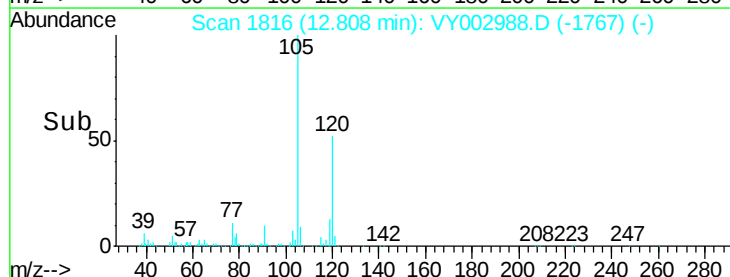
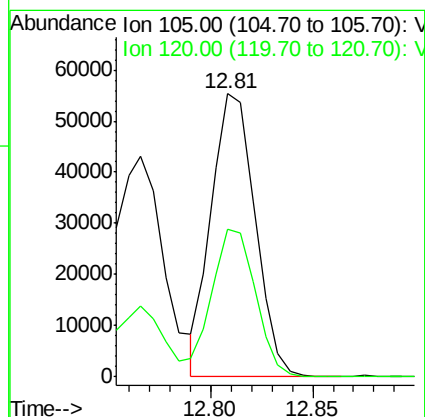
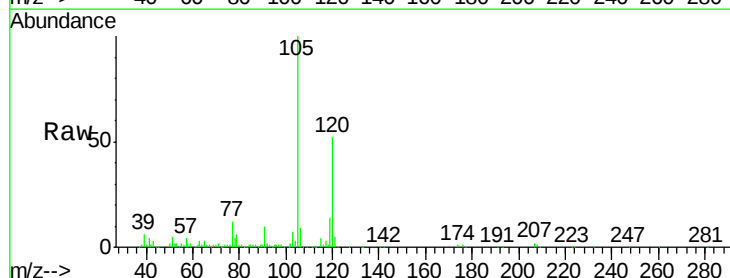
Acq: 22 Jun 2020 20:56

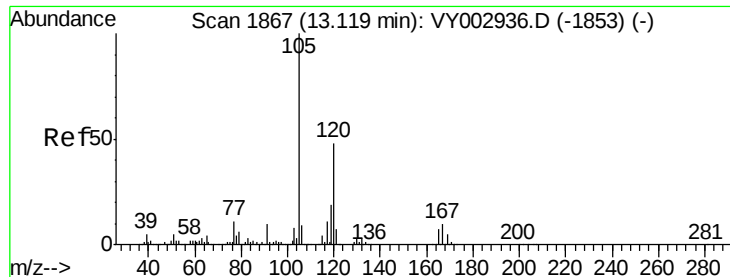
Tgt Ion: 105 Resp: 82121

Ion Ratio Lower Upper

105 100

120 53.3 25.6 76.6

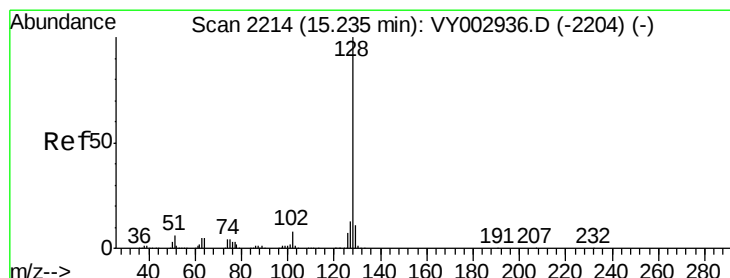
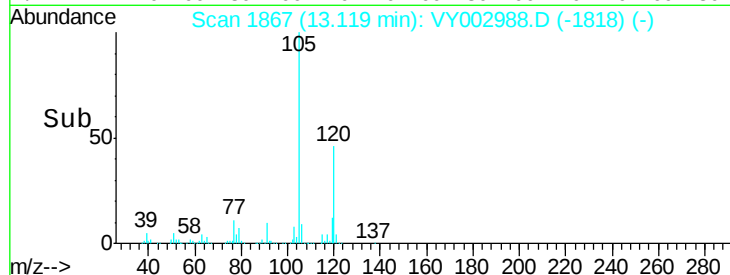
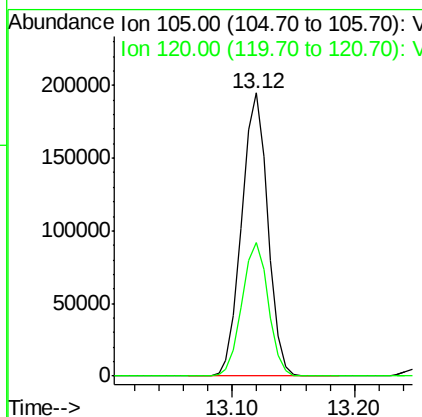
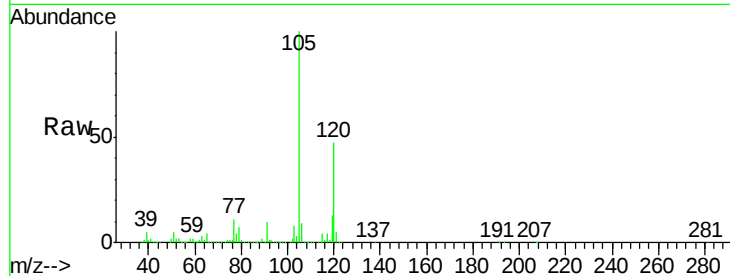




#84
 1,2,4-Trimethylbenzene
 Concen: 25.073 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002988.D
 Acq: 22 Jun 2020 20:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

Tot Ion:105 Resp: 288207
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.5 70.5



#95
 Naphthalene
 Concen: 7.012 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VY002988.D
 Acq: 22 Jun 2020 20:56

Tgt Ion:128 Resp: 64543
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.2 15.4
 129 11.4 8.7 13.1

