

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001707.D
 Acq On : 19 Feb 2020 18:21
 Operator : SY/MD
 Sample : L1589-04
 Misc : 7.14G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB6-3.0-3.5

Quant Time: Feb 20 06:26:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

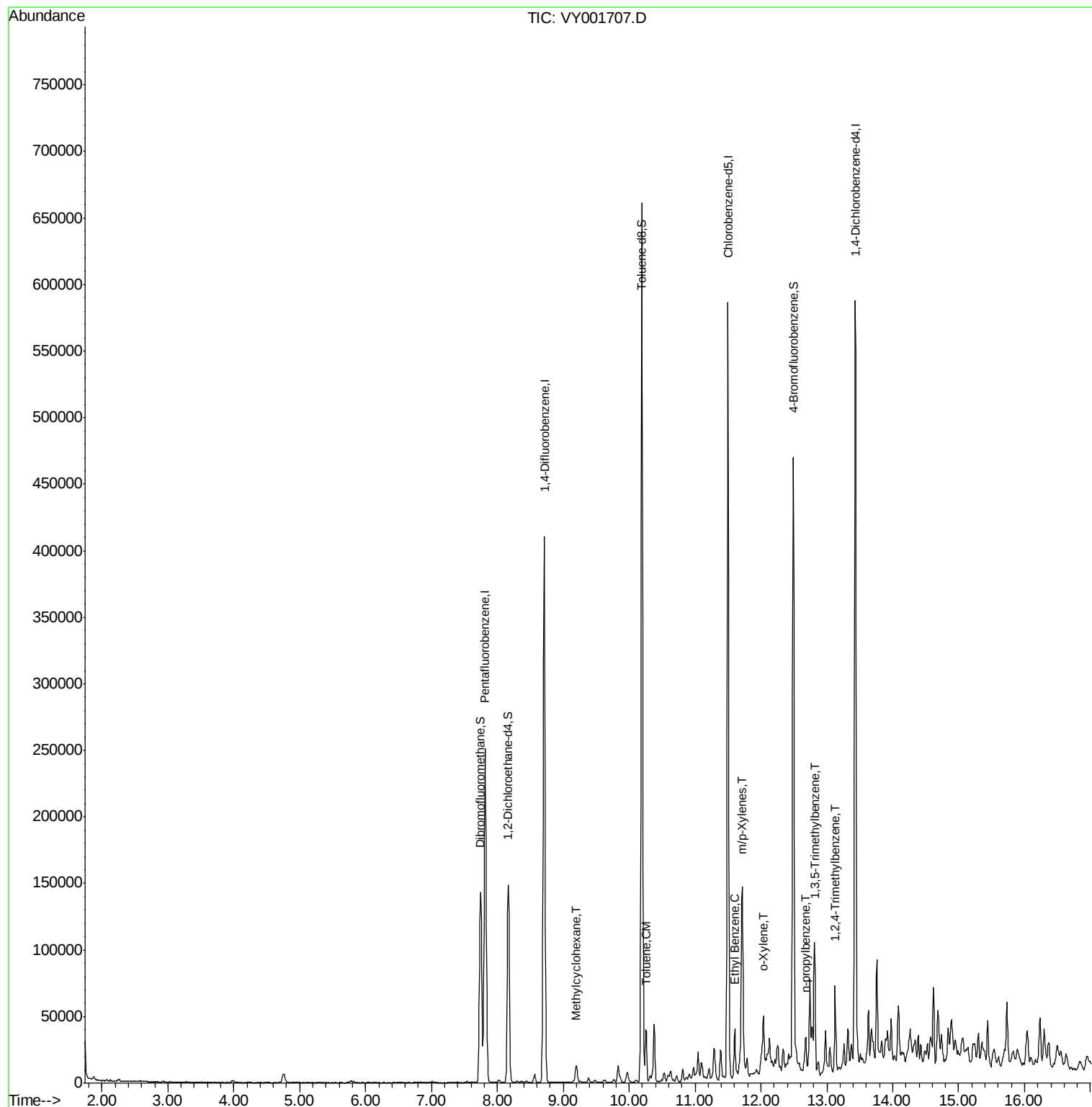
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	189476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	359338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	324658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	139728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	113441	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	7.75	113	105835	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	10.19	98	434558	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
62) 4-Bromofluorobenzene	12.49	95	154782	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.20	83	5767	1.266	ug/l	94
52) Toluene	10.25	92	16539	2.627	ug/l	100
67) Ethyl Benzene	11.60	91	24276	2.018	ug/l	99
68) m/p-Xylenes	11.70	106	24807	5.521	ug/l	100
69) o-Xylene	12.04	106	10418	2.439	ug/l	97
78) n-propylbenzene	12.68	91	20257	1.563	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	8843	1.004	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	33293	3.790	ug/l	98

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

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SB6-3.0-3.5

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001707.D

Acq: 19 Feb 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

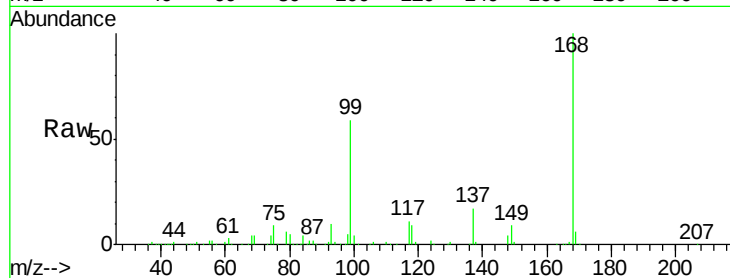
SB6-3.0-3.5

Tot Ion:168 Resp: 189476

Ion Ratio Lower Upper

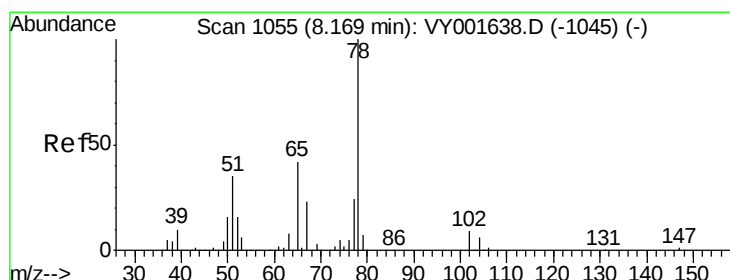
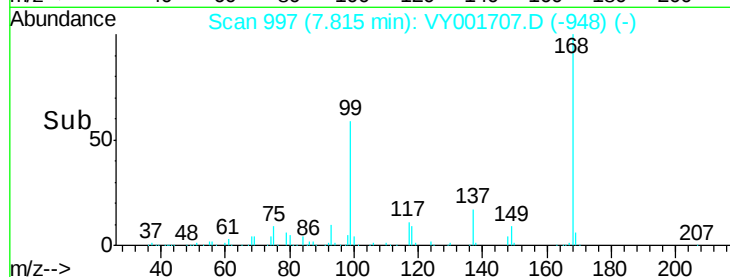
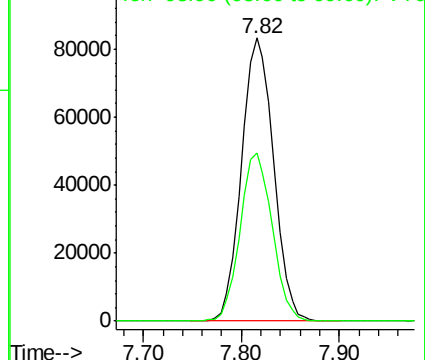
168 100

99 59.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001707.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001707.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.661 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001707.D

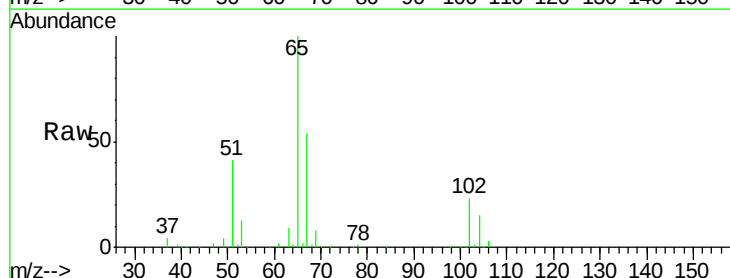
Acq: 19 Feb 2020 18:21

Tgt Ion: 65 Resp: 113441

Ion Ratio Lower Upper

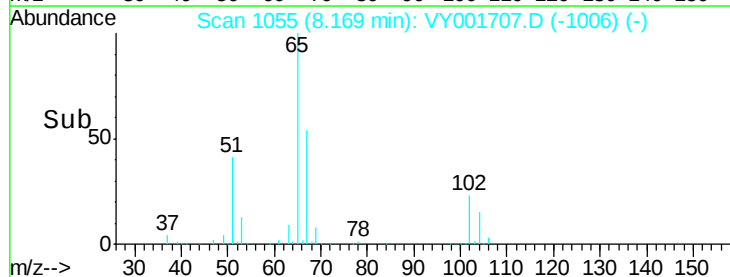
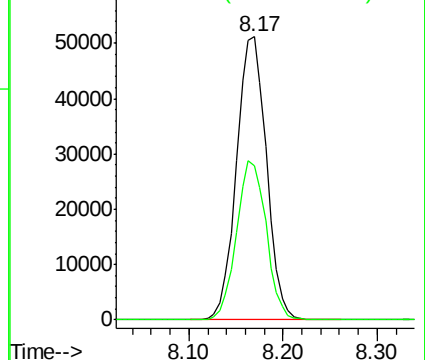
65 100

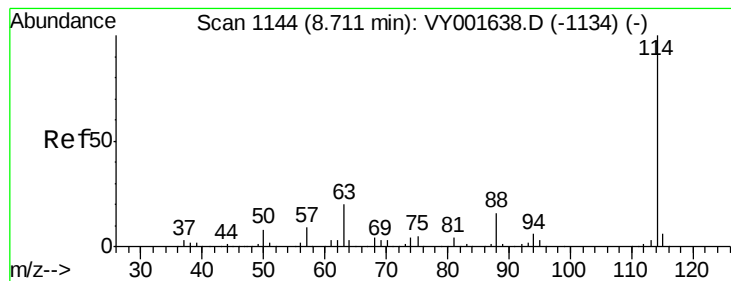
67 55.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001707.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001707.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001707.D

Acq: 19 Feb 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

SB6-3.0-3.5

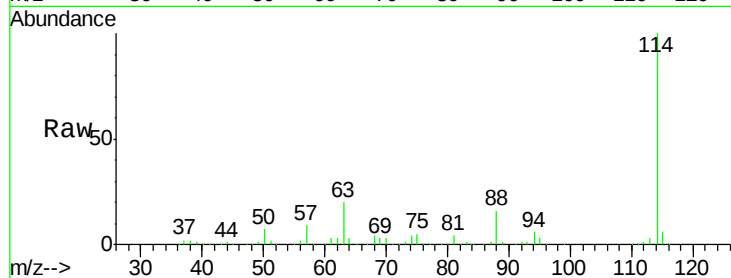
Tot Ion:114 Resp: 359338

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

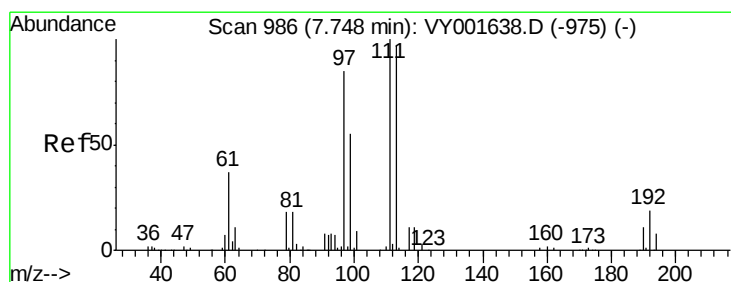
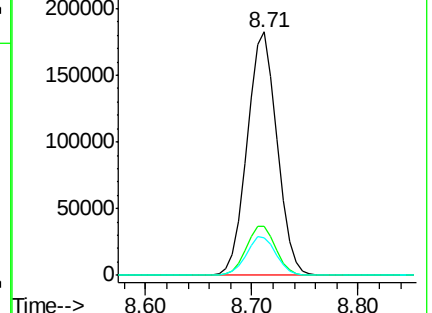
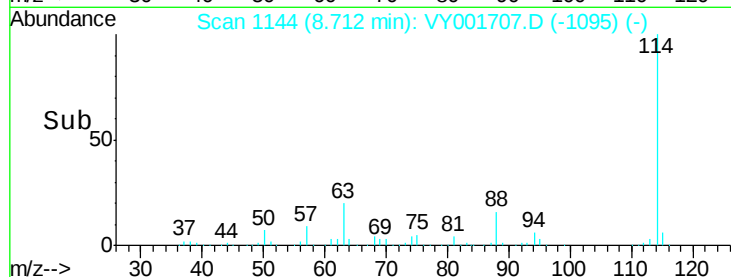
88 15.6 0.0 32.8



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: 51.423 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001707.D

Acq: 19 Feb 2020 18:21

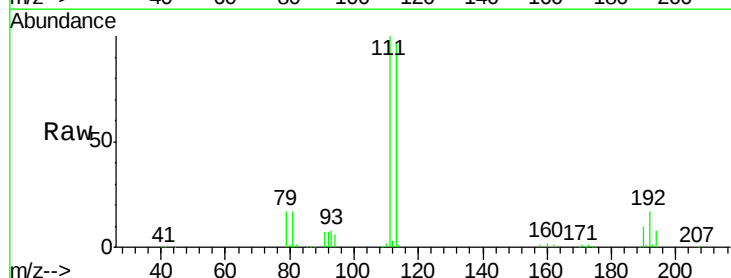
Tgt Ion:113 Resp: 105835

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

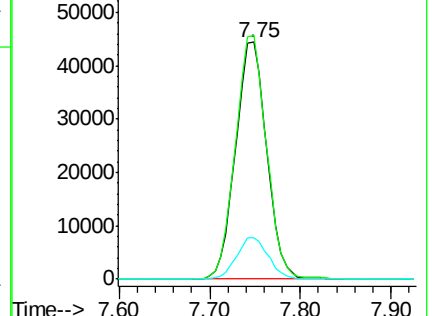
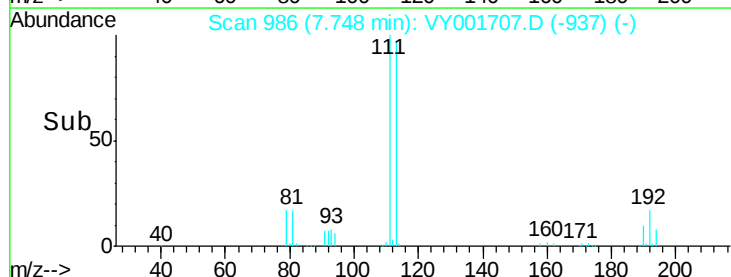
192 17.8 14.3 21.5

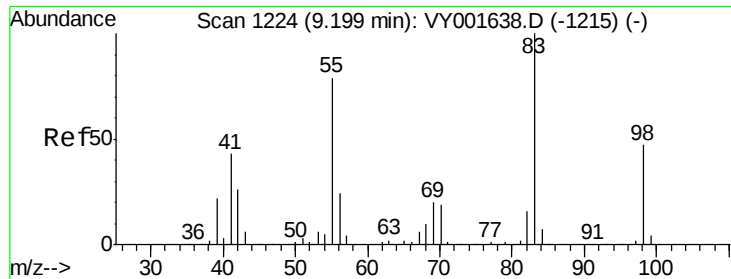


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

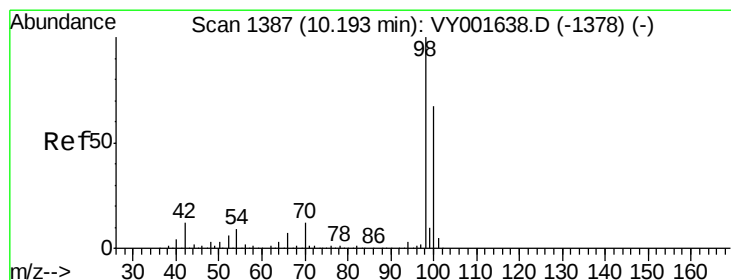
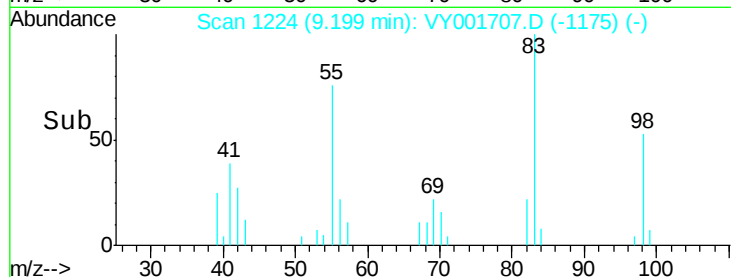
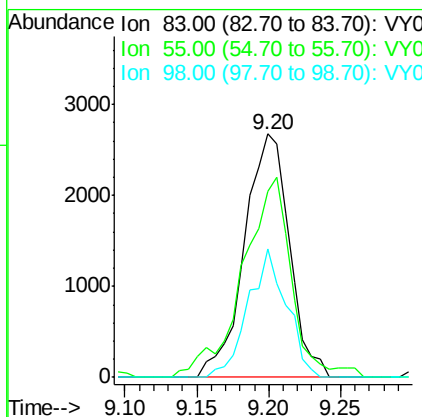
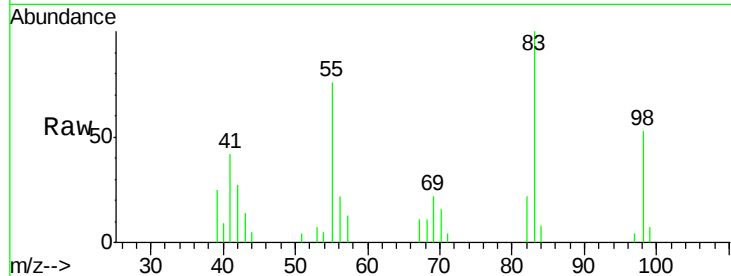




#39
Methvlcvclohexane
Concen: 1.266 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001707.D
Acq: 19 Feb 2020 18:21

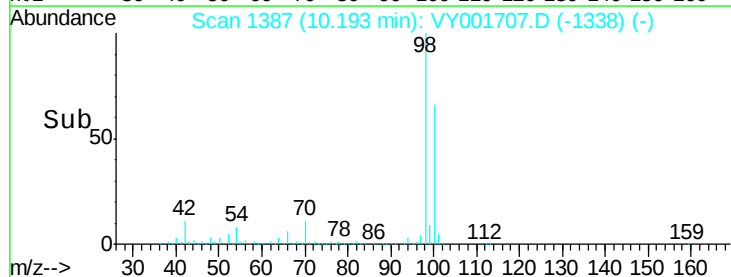
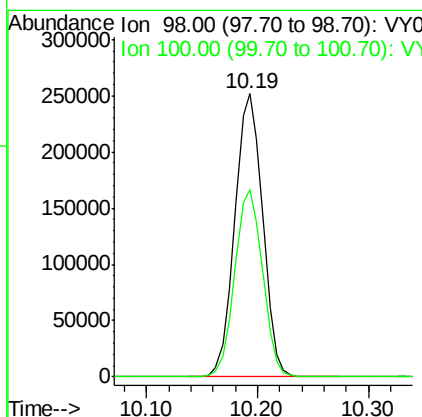
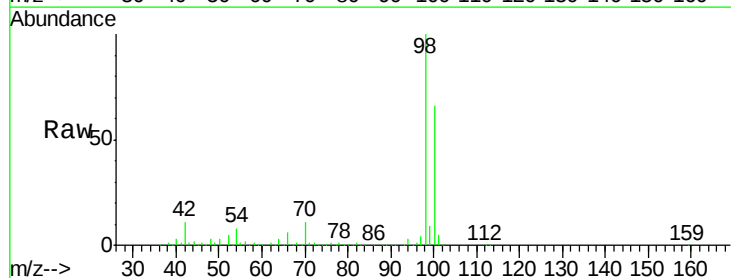
Instrument :
MSVOA_Y
ClientSampleId :
SB6-3.0-3.5

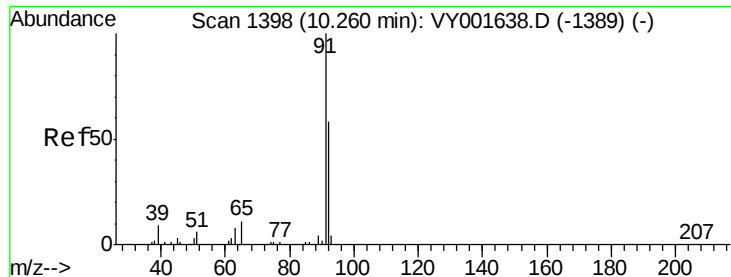
Tot Ion: 83 Resp: 5767
Ion Ratio Lower Upper
83 100
55 72.7 61.3 91.9
98 52.7 38.0 57.0



#50
Toluene-d8
Concen: 53.895 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001707.D
Acq: 19 Feb 2020 18:21

Tgt Ion: 98 Resp: 434558
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4





#52

Toluene

Concen: 2.627 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001707.D

Acq: 19 Feb 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

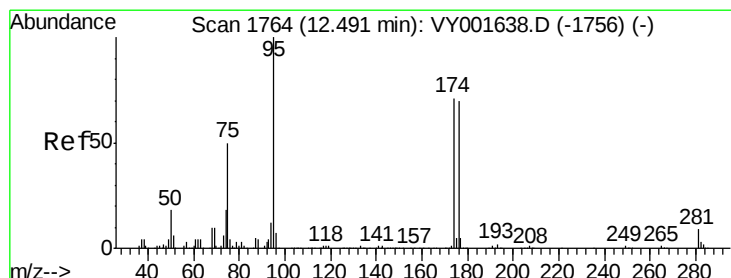
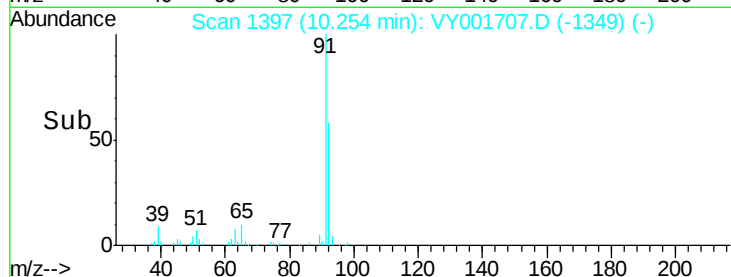
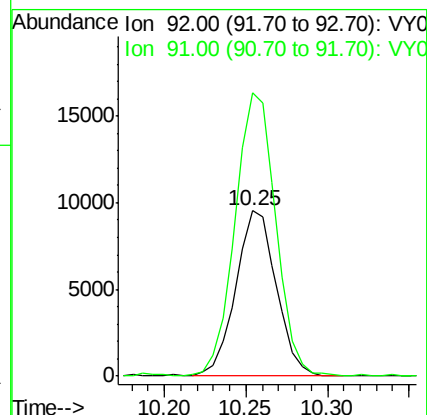
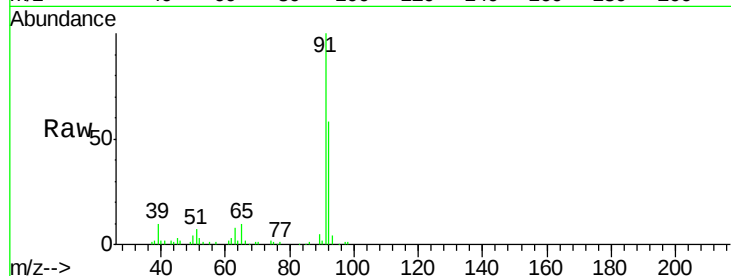
SB6-3.0-3.5

Tot Ion: 92 Resp: 16539

Ion Ratio Lower Upper

92 100

91 171.2 137.0 205.6



#62

4-Bromofluorobenzene

Concen: 49.412 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001707.D

Acq: 19 Feb 2020 18:21

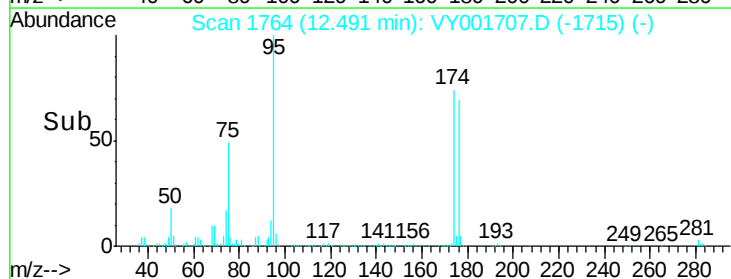
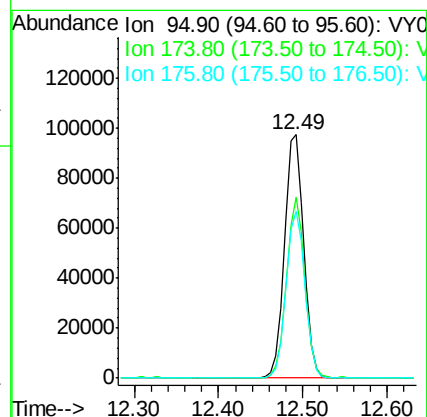
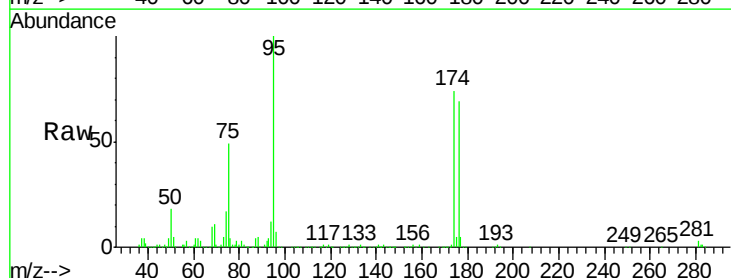
Tgt Ion: 95 Resp: 154782

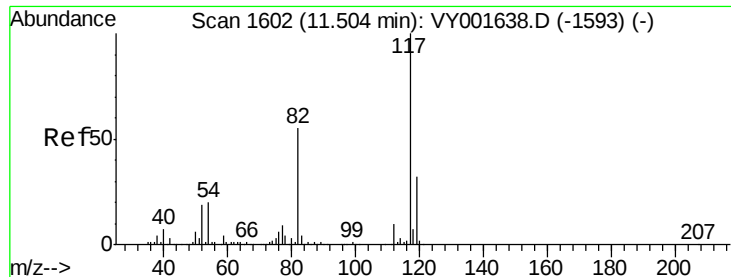
Ion Ratio Lower Upper

95 100

174 70.4 0.0 138.4

176 67.1 0.0 131.8

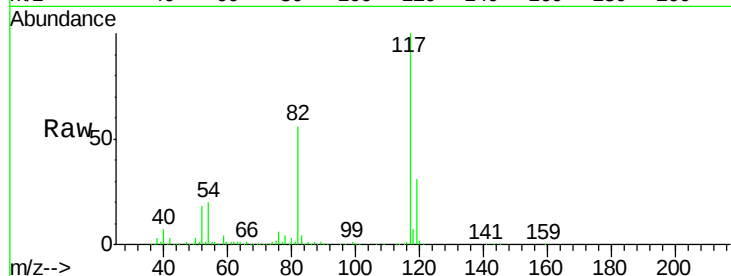




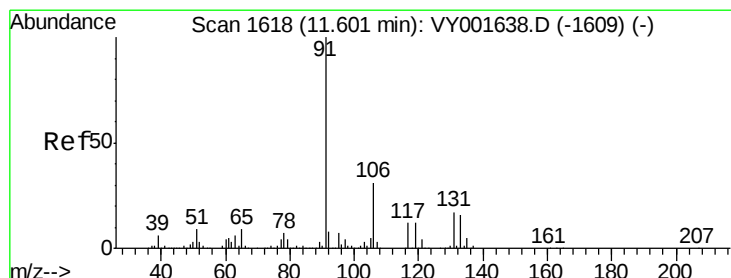
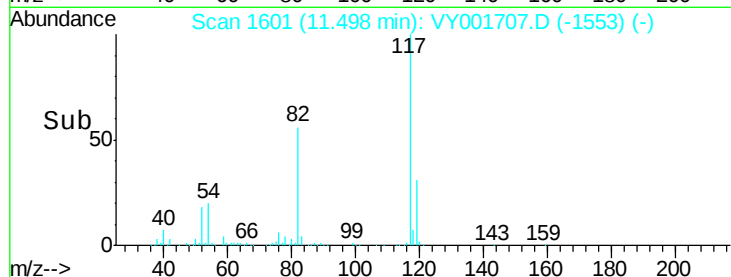
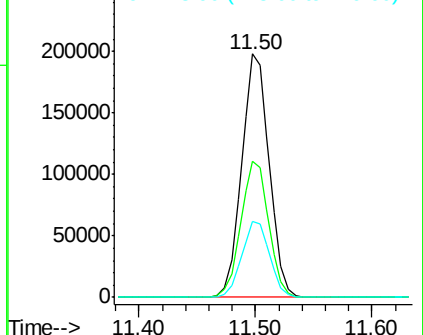
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001707.D
Acq: 19 Feb 2020 18:21

Instrument :
MSVOA_Y
ClientSampleId :
SB6-3.0-3.5

Tot Ion:117 Resp: 324658
Ion Ratio Lower Upper
117 100
82 55.6 45.5 68.3
119 31.2 25.8 38.6

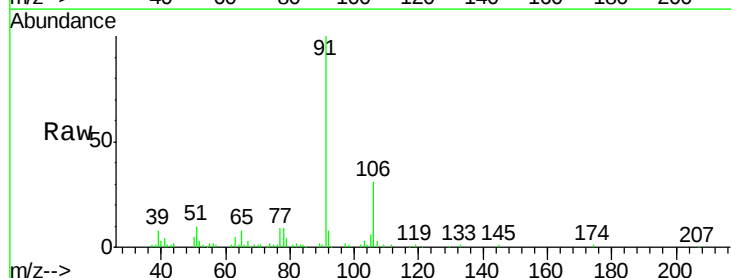


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

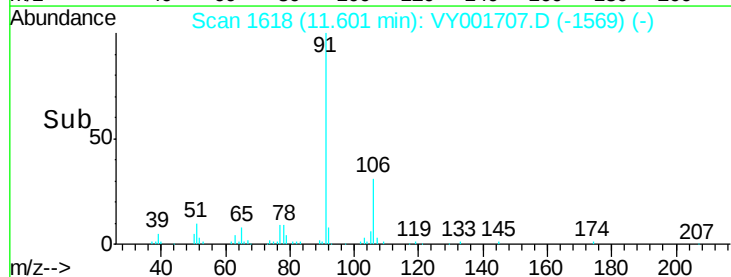
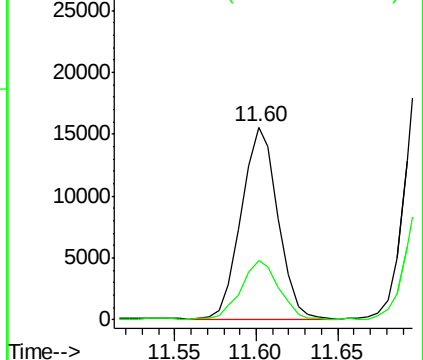


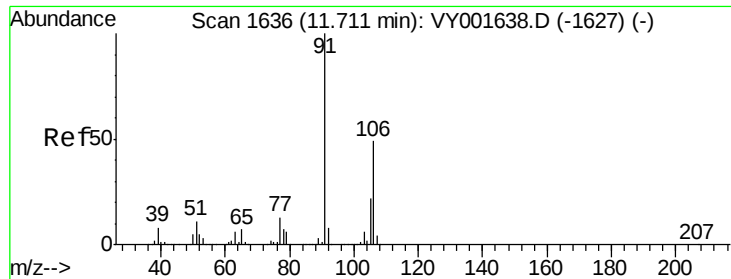
#67
Ethyl Benzene
Concen: 2.018 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001707.D
Acq: 19 Feb 2020 18:21

Tgt Ion: 91 Resp: 24276
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7



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

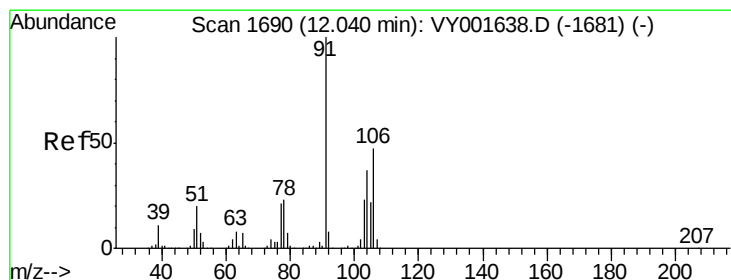
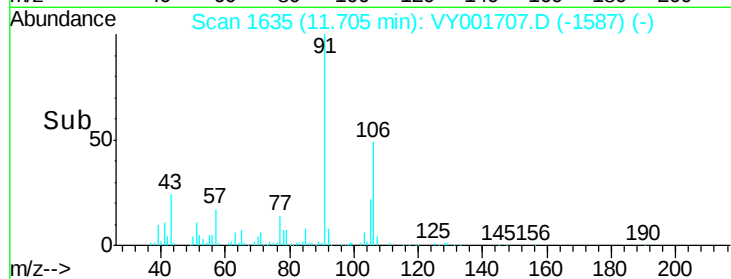
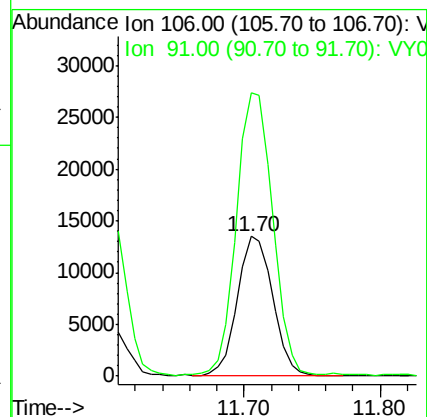
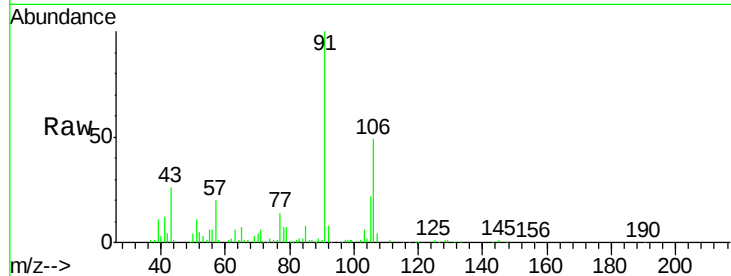




#68
m/p-Xvlenes
Concen: 5.521 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001707.D
Acq: 19 Feb 2020 18:21

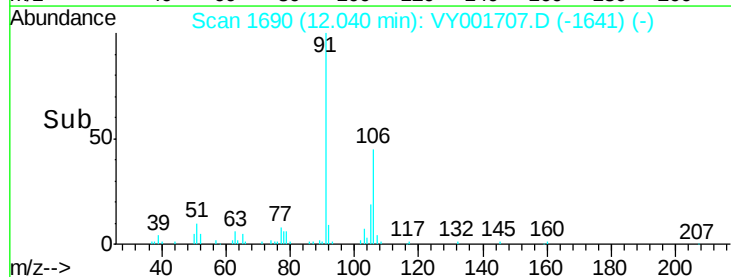
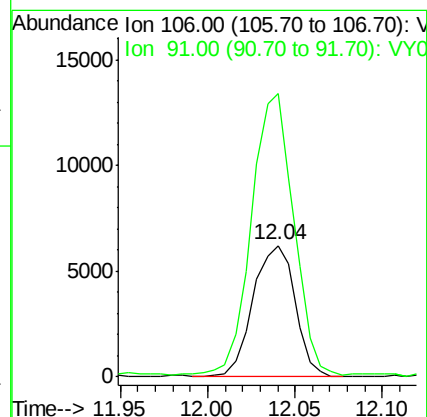
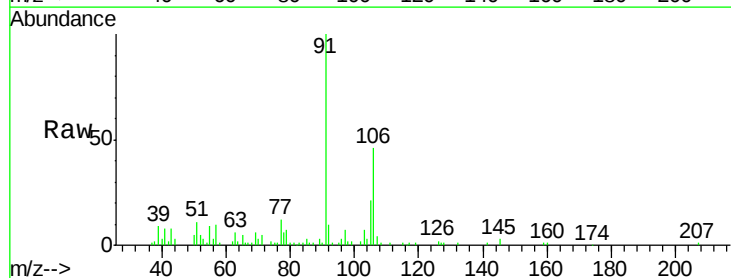
Instrument :
MSVOA_Y
ClientSampled :
SB6-3.0-3.5

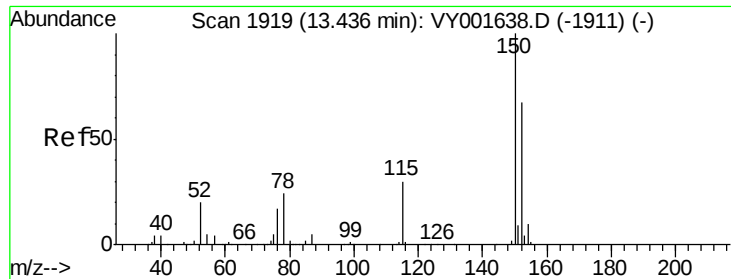
Tot Ion:106 Resp: 24807
Ion Ratio Lower Upper
106 100
91 204.5 163.3 244.9



#69
o-Xylene
Concen: 2.439 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001707.D
Acq: 19 Feb 2020 18:21

Tgt Ion:106 Resp: 10418
Ion Ratio Lower Upper
106 100
91 220.7 108.3 324.9



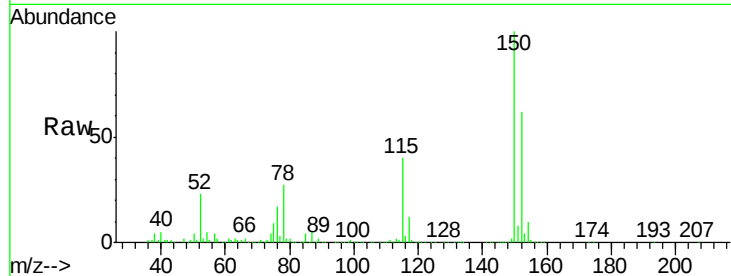


#72

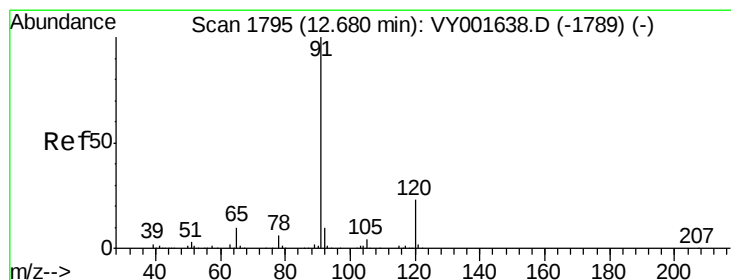
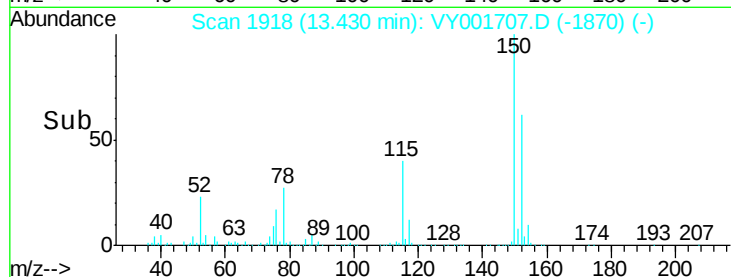
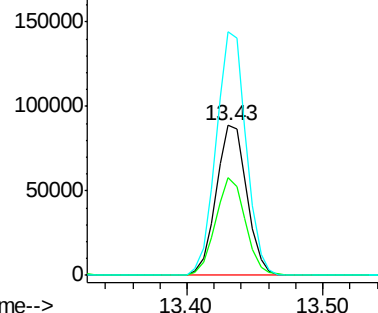
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001707.D
Acq: 19 Feb 2020 18:21

Instrument :
MSVOA_Y
ClientSampled :
SB6-3.0-3.5

Tot Ion:152 Resp: 139728
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.2
150 158.6 0.0 407.2



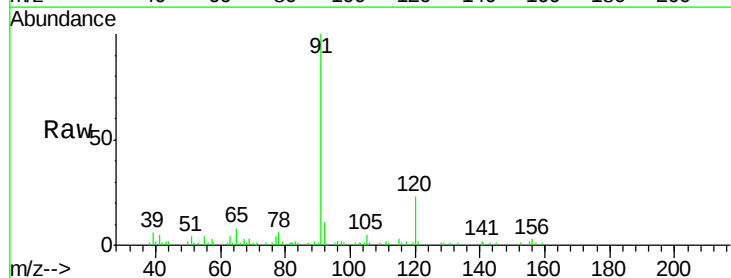
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



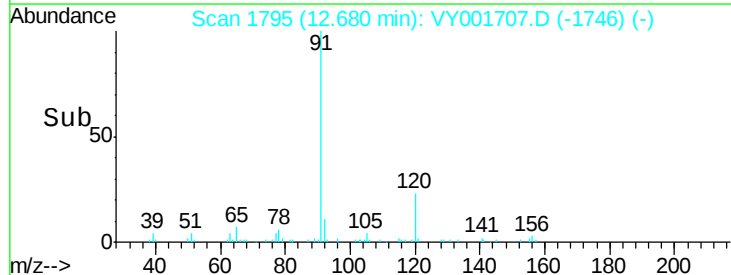
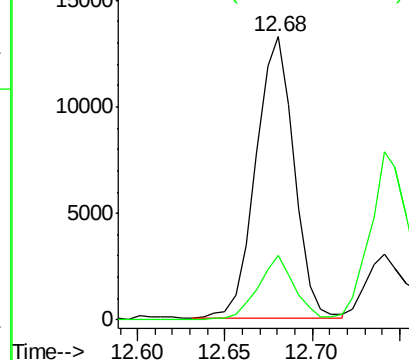
#78

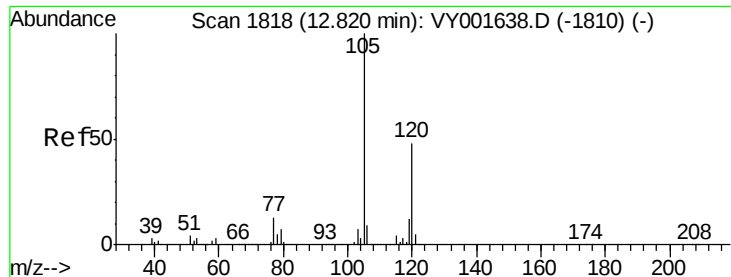
n-propylbenzene
Concen: 1.563 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VY001707.D
Acq: 19 Feb 2020 18:21

Tgt Ion: 91 Resp: 20257
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.004 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001707.D

Acq: 19 Feb 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

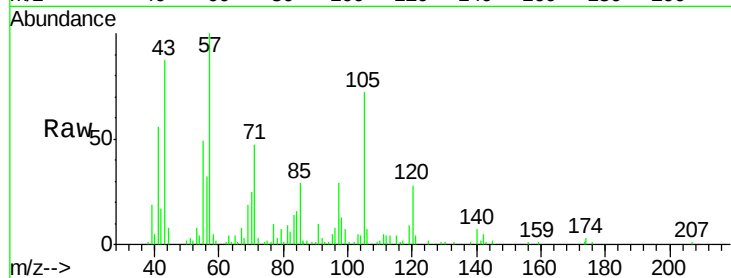
SB6-3.0-3.5

Tot Ion:105 Resp: 8843

Ion Ratio Lower Upper

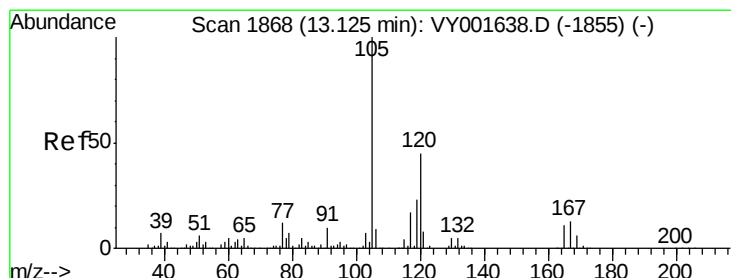
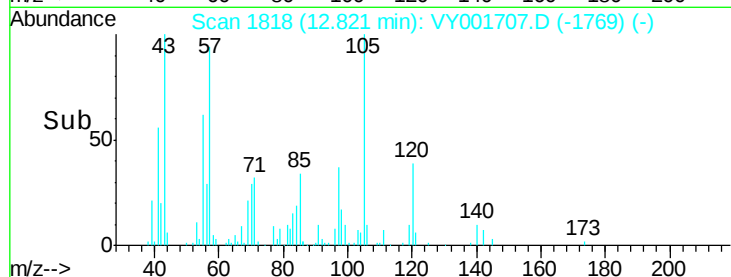
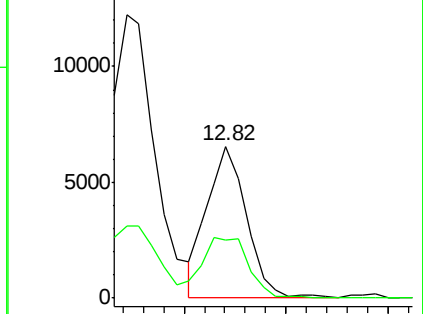
105 100

120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.790 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VY001707.D

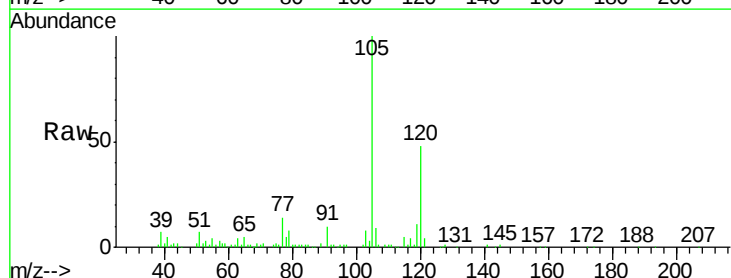
Acq: 19 Feb 2020 18:21

Tgt Ion:105 Resp: 33293

Ion Ratio Lower Upper

105 100

120 46.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

