

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001875.D
 Acq On : 05 Mar 2020 12:44
 Operator : SY/MD
 Sample : L1761-01
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-030420

Quant Time: Mar 06 04:58:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

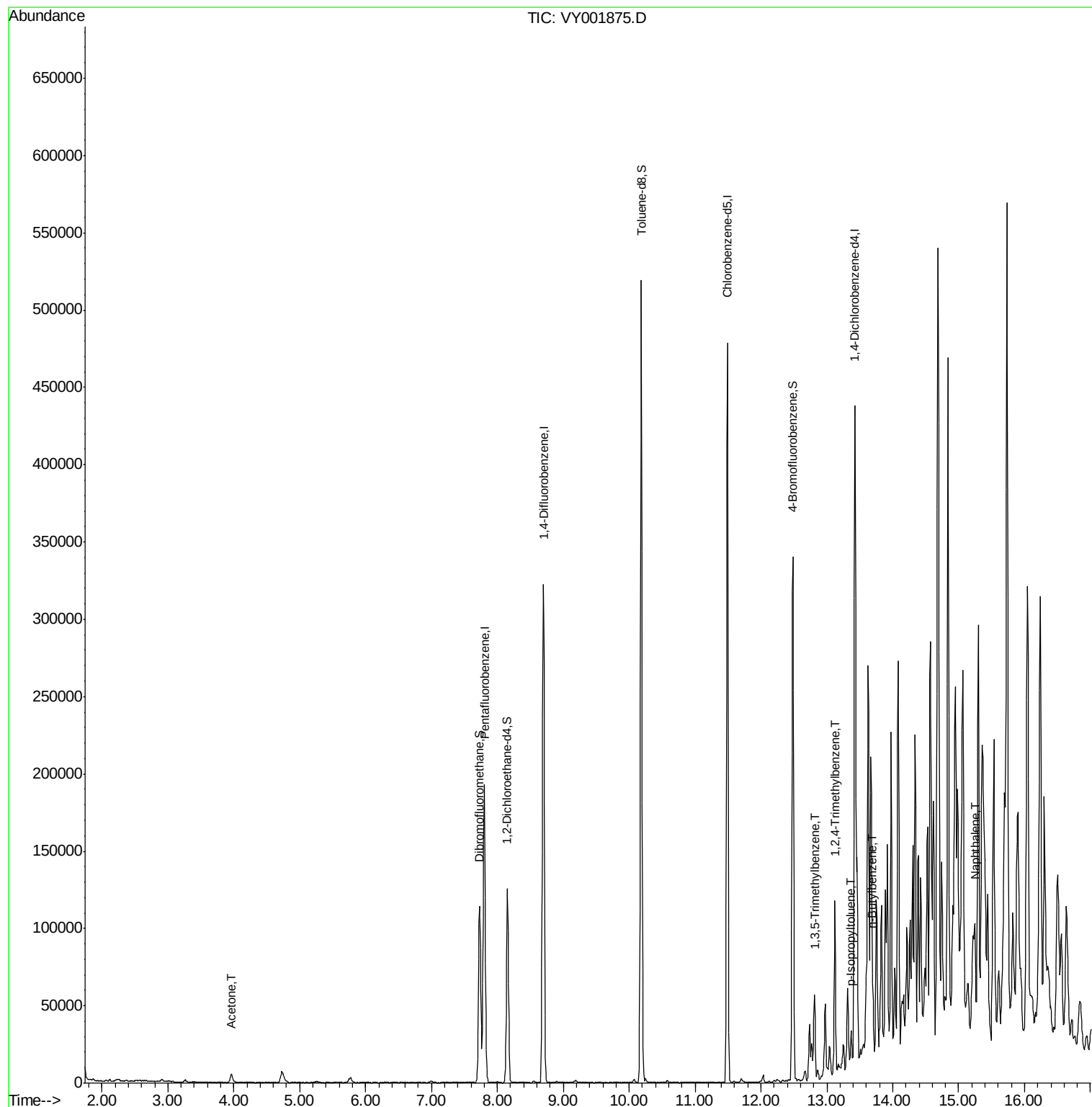
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	143226	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	277417	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	248456	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	104751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90896	59.45	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	118.90%	
35) Dibromofluoromethane	7.73	113	81650	53.90	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.80%	
50) Toluene-d8	10.18	98	336621	52.70	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.49	95	109431	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
Target Compounds						
16) Acetone	3.96	43	9058	20.339	ug/l	90
80) 1,3,5-Trimethylbenzene	12.81	105	20416	3.101	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	59227	9.066	ug/l	99
86) p-Isopropyltoluene	13.37	119	10048	1.445	ug/l	97
89) n-Butylbenzene	13.70	91	19712	2.733	ug/l #	73
95) Naphthalene	15.24	128	23428	5.050	ug/l #	86

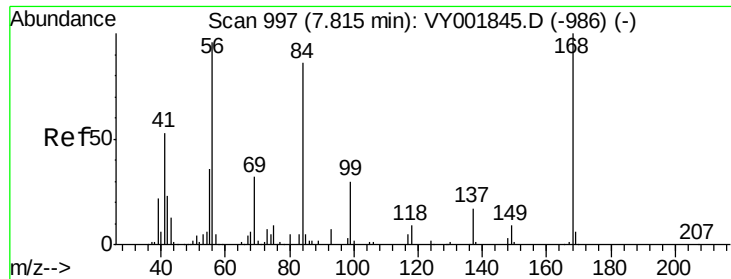
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001875.D

Acq: 05 Mar 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

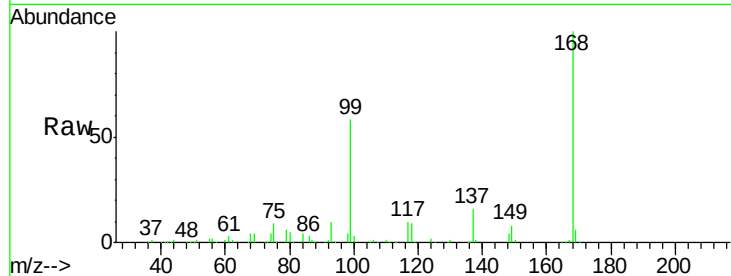
SU-04-030420

Tot Ion:168 Resp: 143226

Ion Ratio Lower Upper

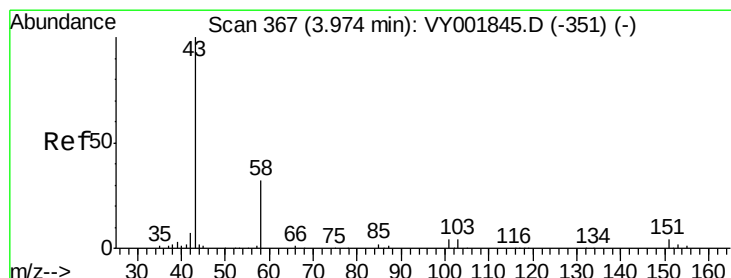
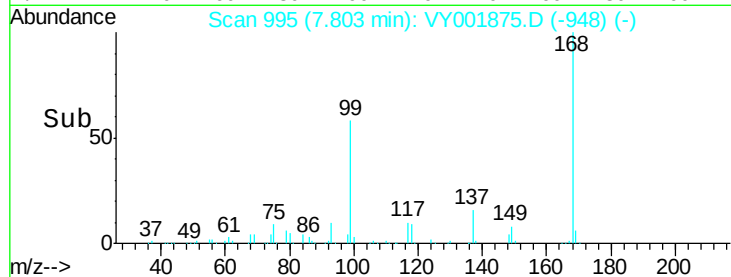
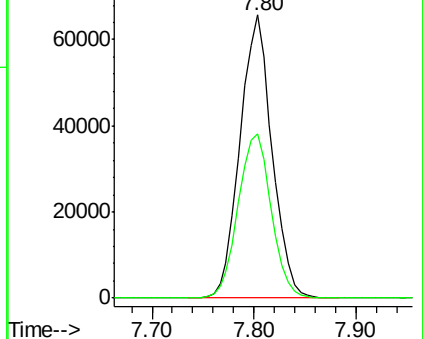
168 100

99 58.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#16

Acetone

Concen: 20.339 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001875.D

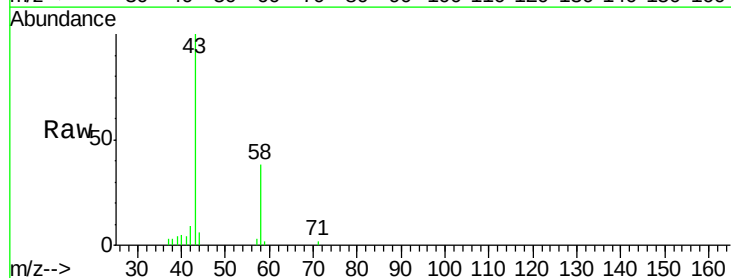
Acq: 05 Mar 2020 12:44

Tgt Ion: 43 Resp: 9058

Ion Ratio Lower Upper

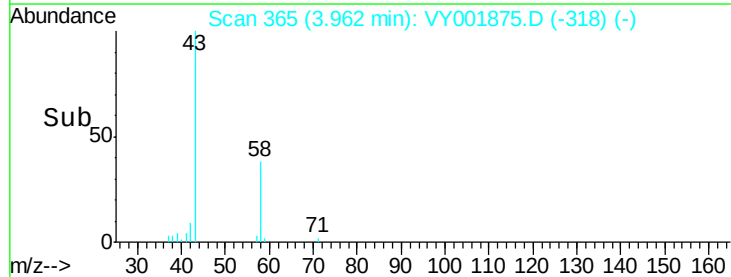
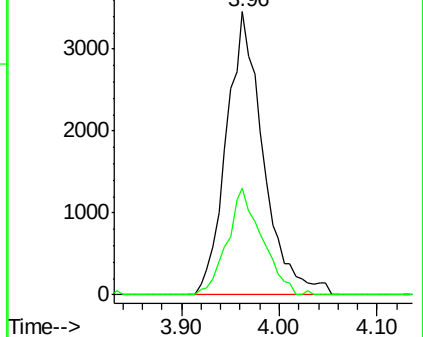
43 100

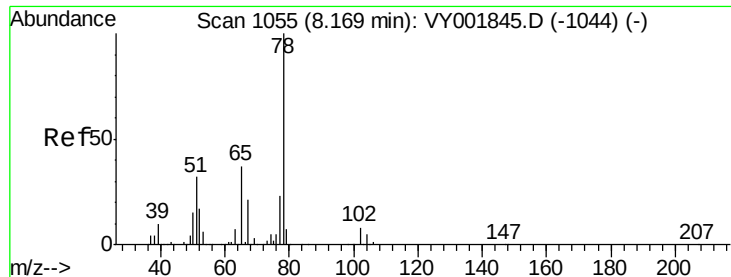
58 37.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

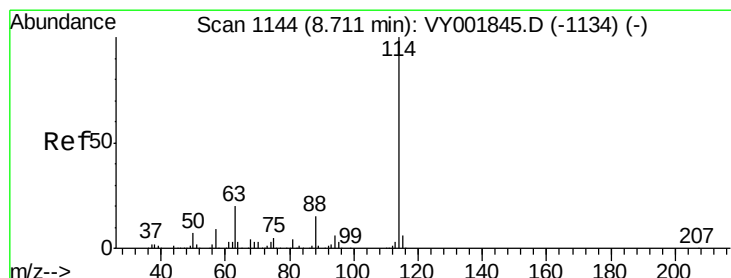
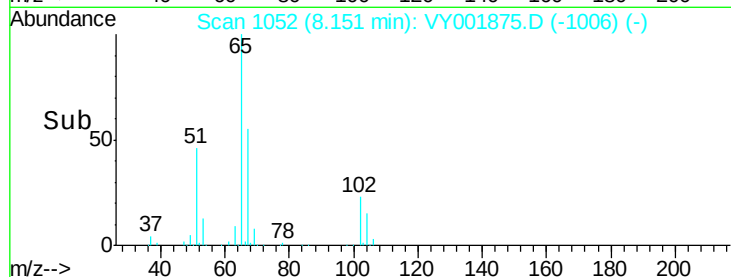
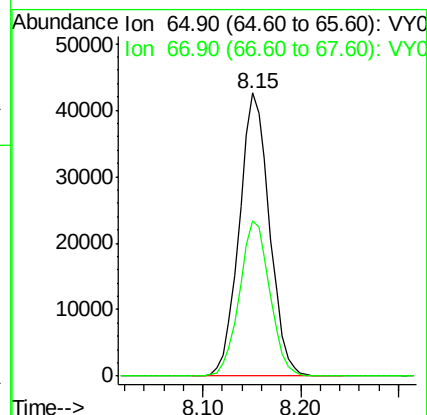
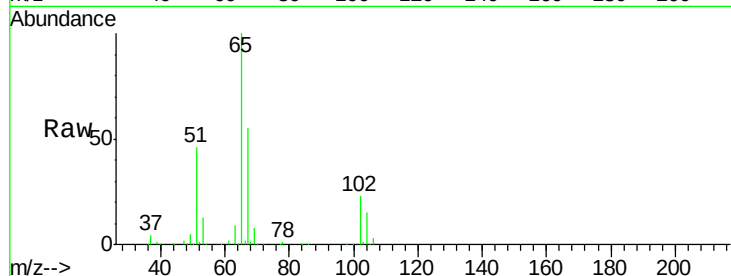




#33
 1,2-Dichloroethane-d4
 Concen: 59.447 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001875.D
 Acq: 05 Mar 2020 12:44

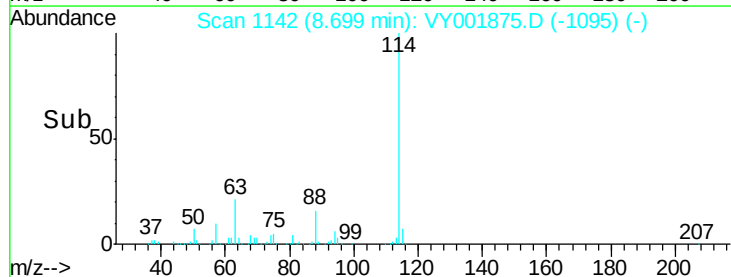
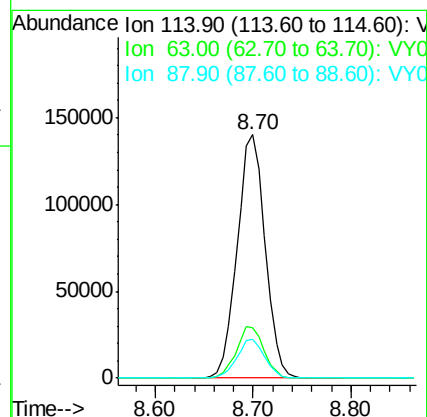
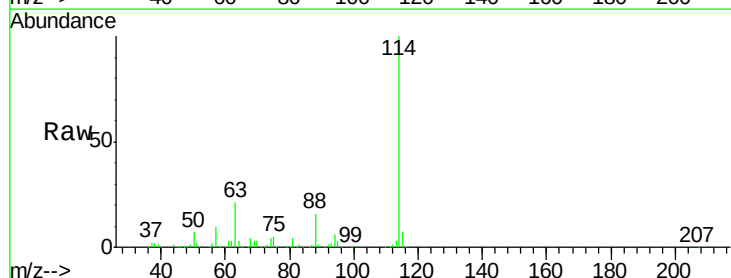
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-030420

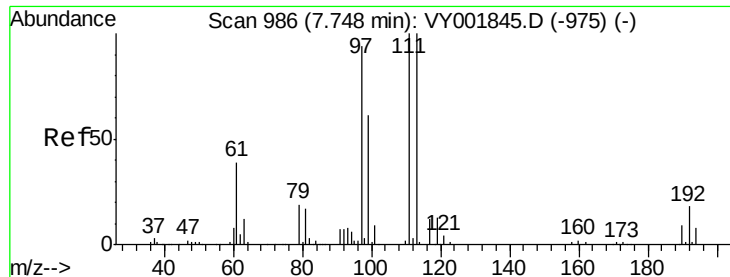
Tot Ion: 65 Resp: 90896
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001875.D
 Acq: 05 Mar 2020 12:44

Tgt Ion: 114 Resp: 277417
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.4
 88 15.8 0.0 30.4

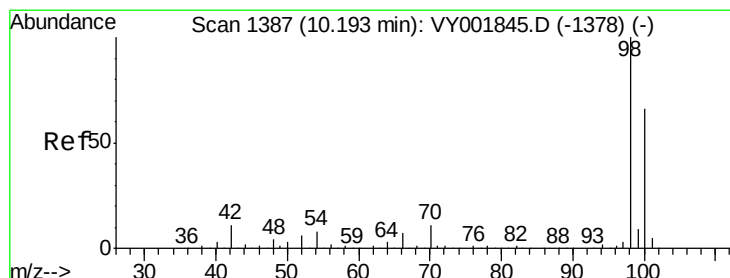
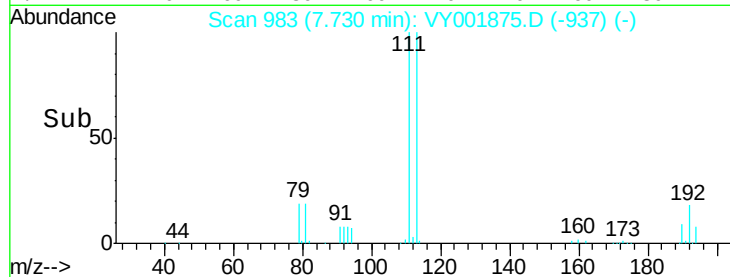
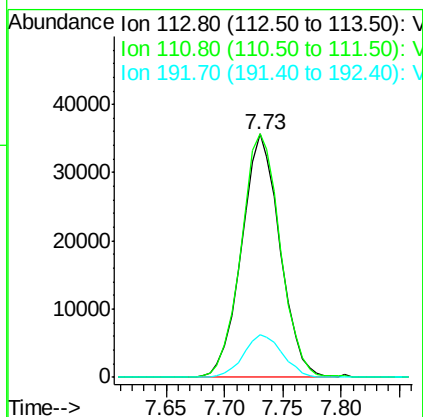
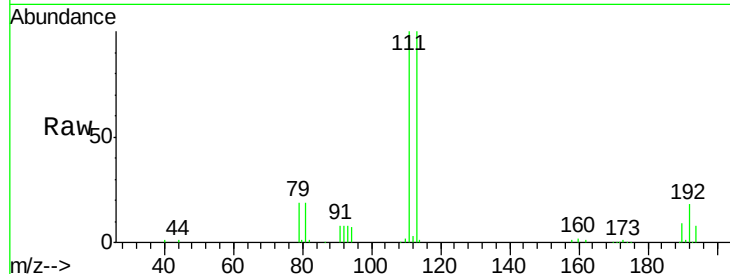




#35
 Dibromofluoromethane
 Concen: 53.901 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001875.D
 Acq: 05 Mar 2020 12:44

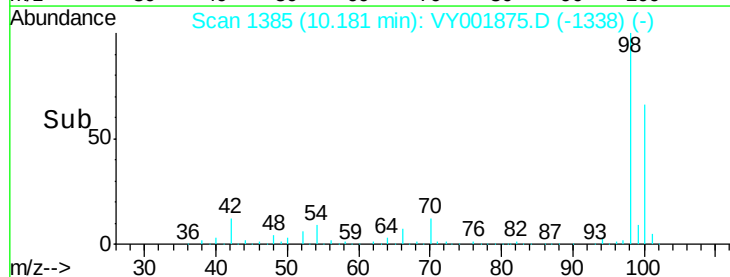
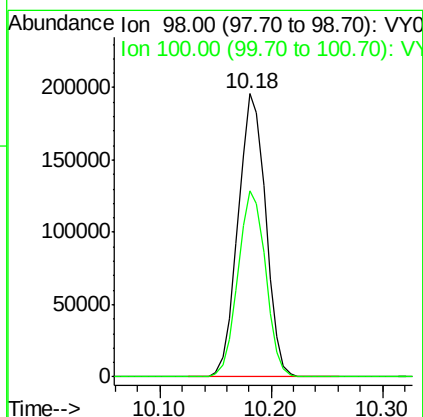
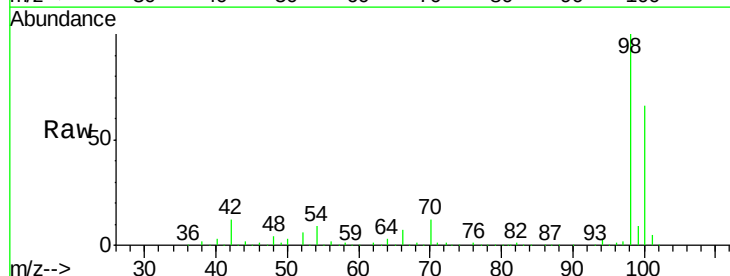
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-030420

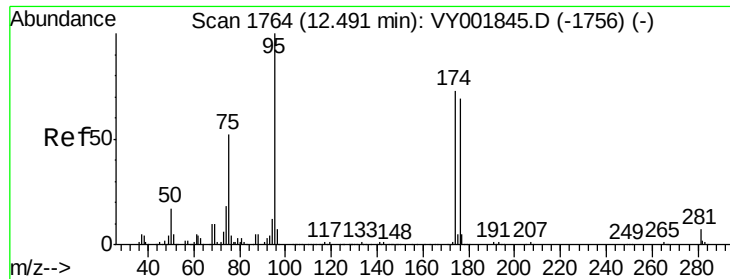
Tot Ion:113 Resp: 81650
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.8
 192 18.0 14.2 21.2



#50
 Toluene-d8
 Concen: 52.698 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY001875.D
 Acq: 05 Mar 2020 12:44

Tgt Ion: 98 Resp: 336621
 Ion Ratio Lower Upper
 98 100
 100 65.7 53.0 79.4

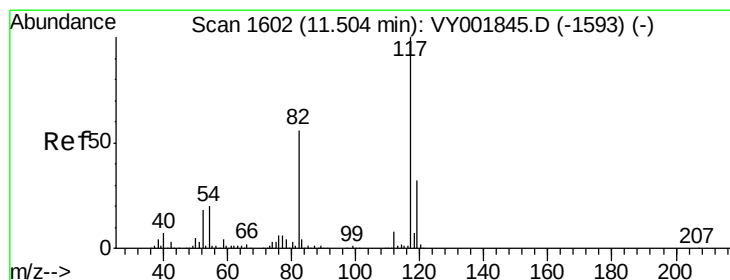
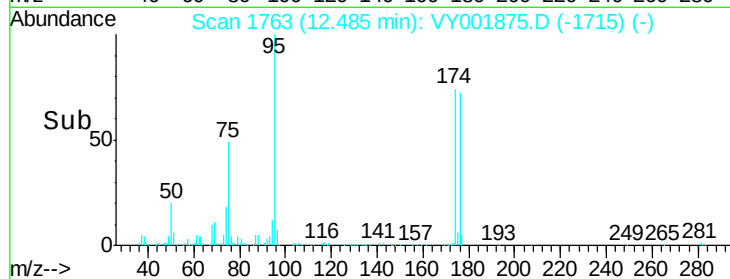
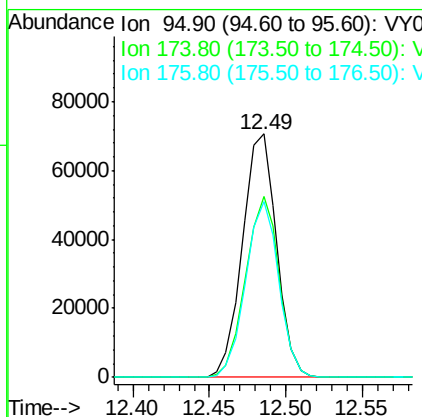
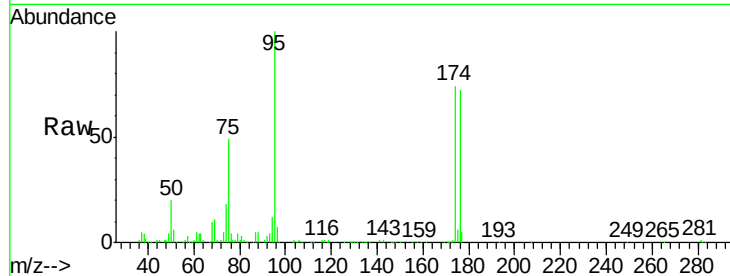




#62
4-Bromofluorobenzene
Concen: 49.269 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001875.D
Acq: 05 Mar 2020 12:44

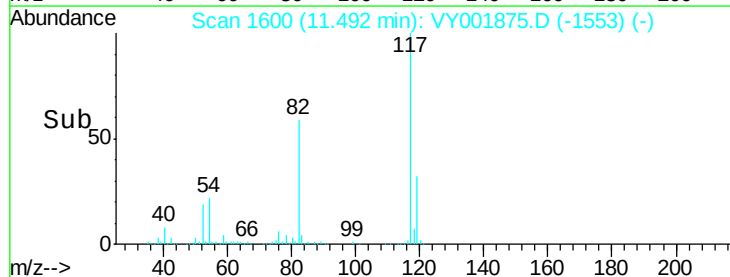
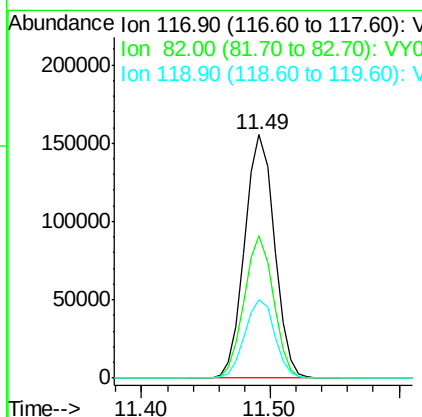
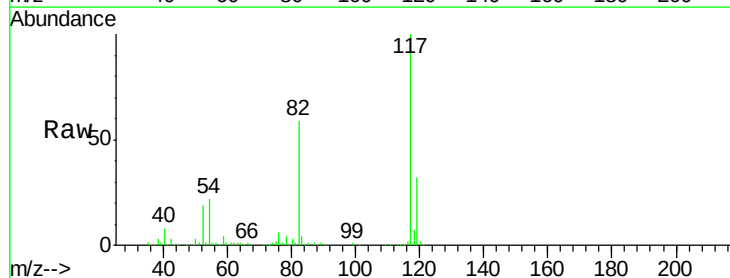
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-030420

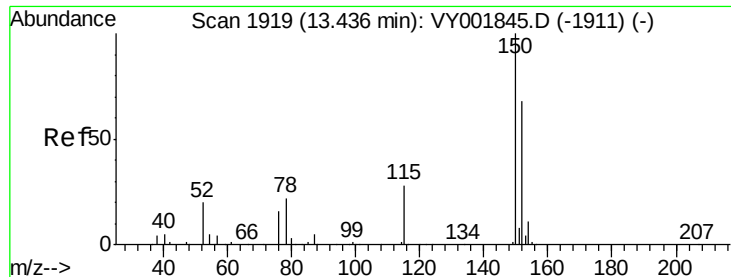
Tot Ion	95	Resp	109431
Ion Ratio	Lower	Upper	
95	100		
174	73.1	0.0	145.0
176	70.3	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001875.D
Acq: 05 Mar 2020 12:44

Tgt Ion	117	Resp	248456
Ion Ratio	Lower	Upper	
117	100		
82	58.5	44.5	66.7
119	32.2	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001875.D

Acq: 05 Mar 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-030420

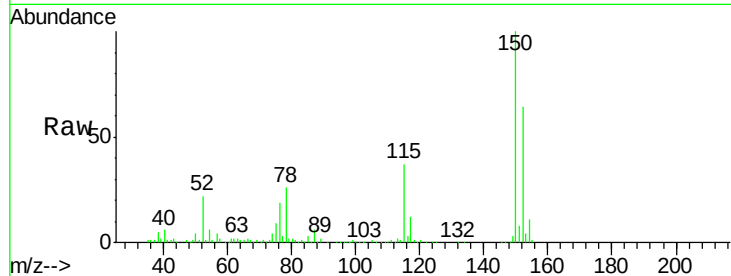
Tot Ion:152 Resp: 104751

Ion Ratio Lower Upper

152 100

115 63.1 29.9 89.7

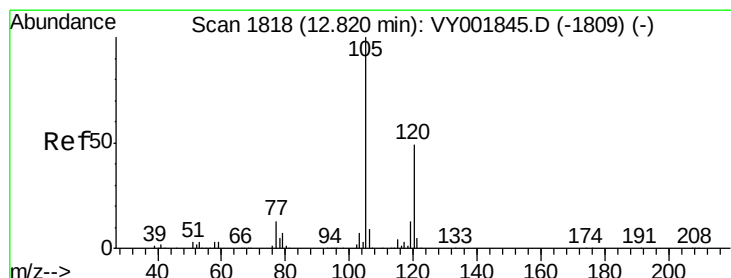
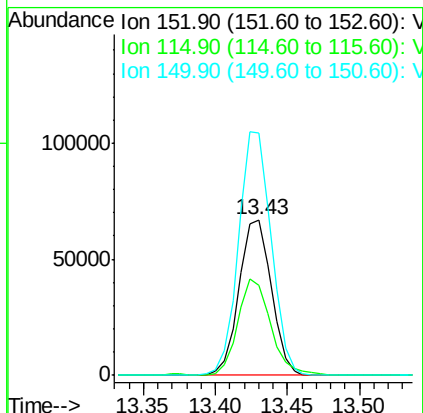
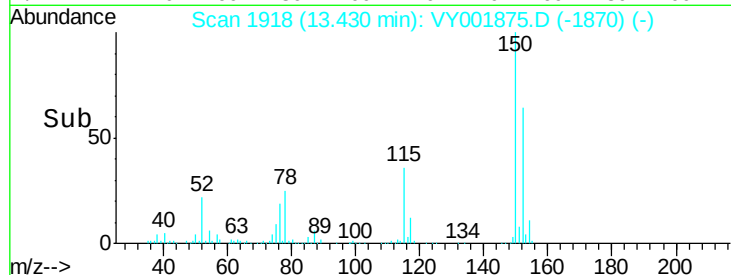
150 157.3 0.0 340.6



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



#80

1,3,5-Trimethylbenzene

Concen: 3.101 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001875.D

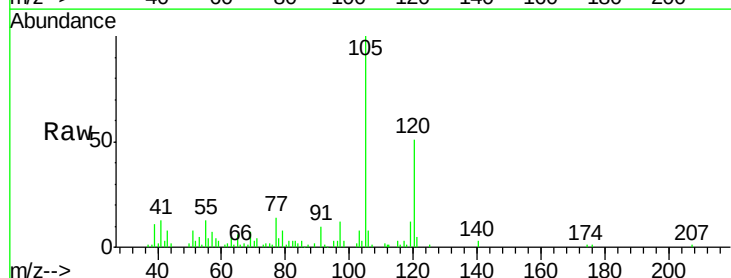
Acq: 05 Mar 2020 12:44

Tgt Ion:105 Resp: 20416

Ion Ratio Lower Upper

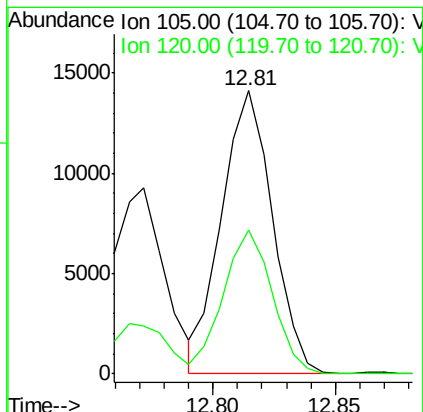
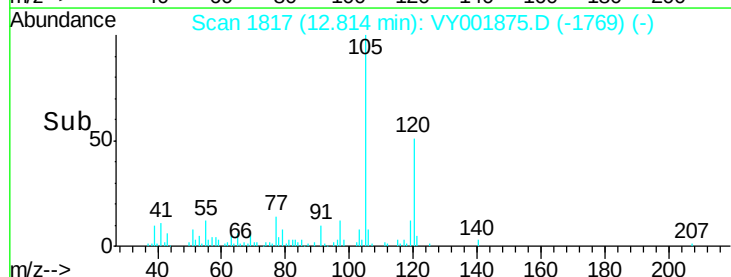
105 100

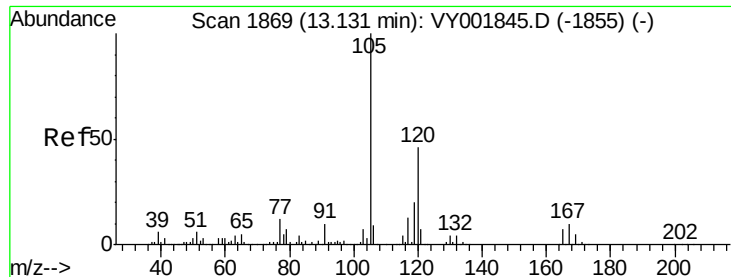
120 48.9 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

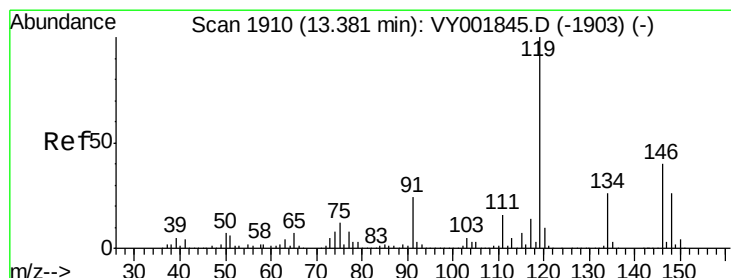
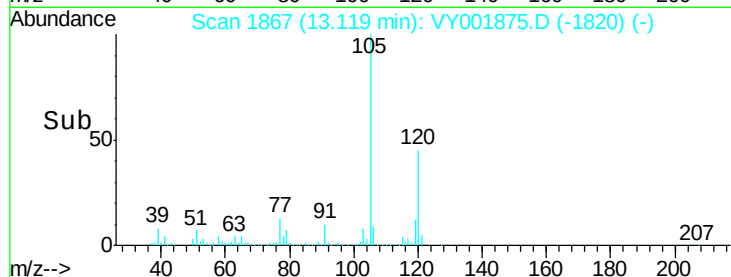
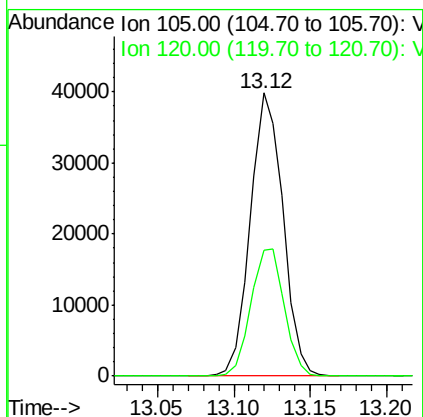
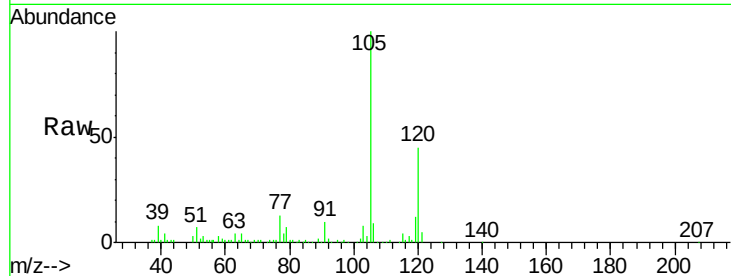




#84
 1,2,4-Trimethylbenzene
 Concen: 9.066 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001875.D
 Acq: 05 Mar 2020 12:44

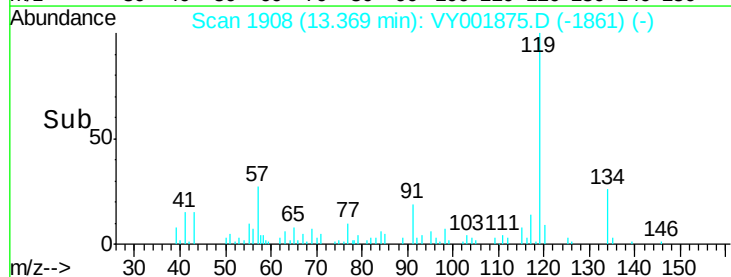
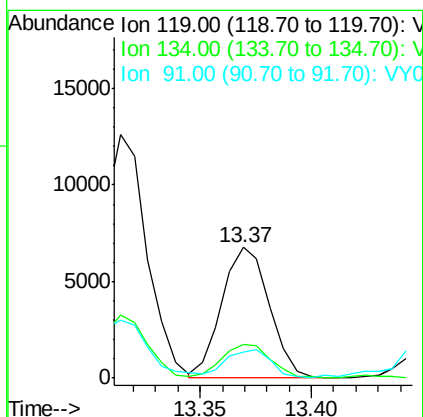
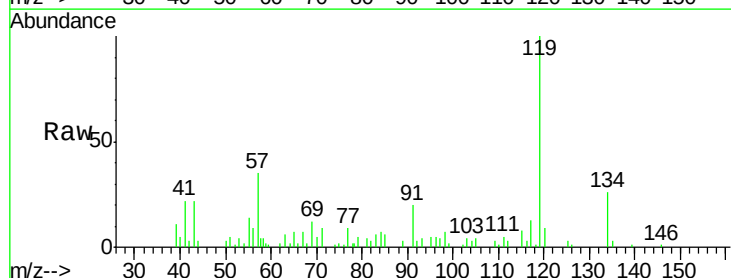
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-030420

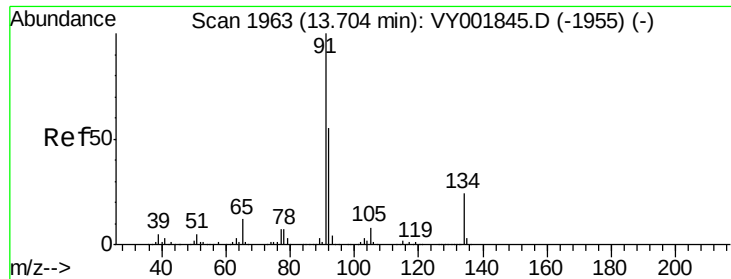
Tot Ion:105 Resp: 59227
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.7



#86
 p-Isopropyltoluene
 Concen: 1.445 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001875.D
 Acq: 05 Mar 2020 12:44

Tgt Ion:119 Resp: 10048
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 20.8 11.9 35.7

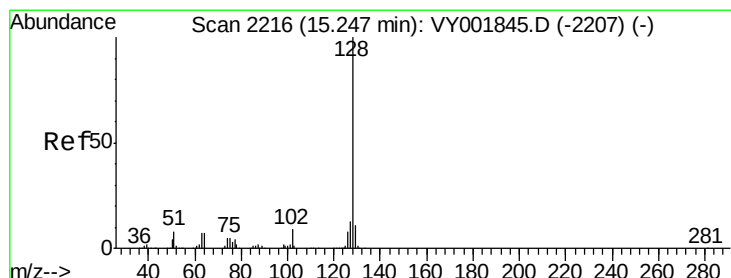
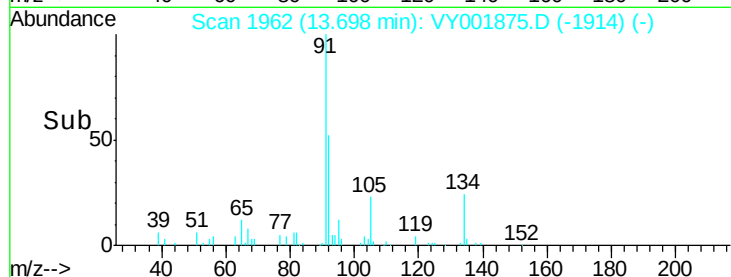
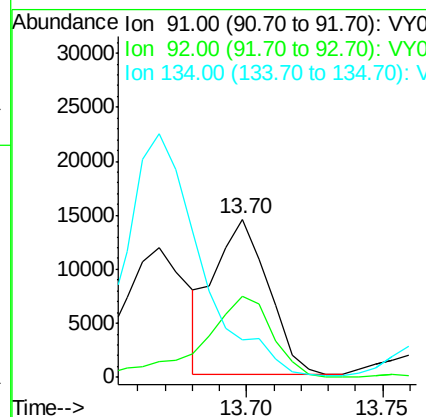
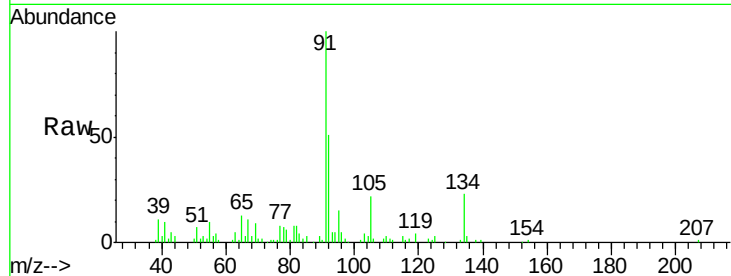




#89
n-Butylbenzene
Concen: 2.733 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001875.D
Acq: 05 Mar 2020 12:44

Instrument :
MSVOA_Y
ClientSampled :
SU-04-030420

Tot Ion: 91 Resp: 19712
Ion Ratio Lower Upper
91 100
92 67.0 27.5 82.4
134 0.0 12.5 37.5#



#95
Naphthalene
Concen: 5.050 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001875.D
Acq: 05 Mar 2020 12:44

Tgt Ion: 128 Resp: 23428
Ion Ratio Lower Upper
128 100
127 16.7 10.1 15.1#
129 17.6 8.6 13.0#

