

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002256.D
 Acq On : 08 Apr 2020 17:40
 Operator : SY/MD
 Sample : L2135-08RE
 Misc : 7.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3K-(0-2)RE

Quant Time: Apr 09 02:48:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

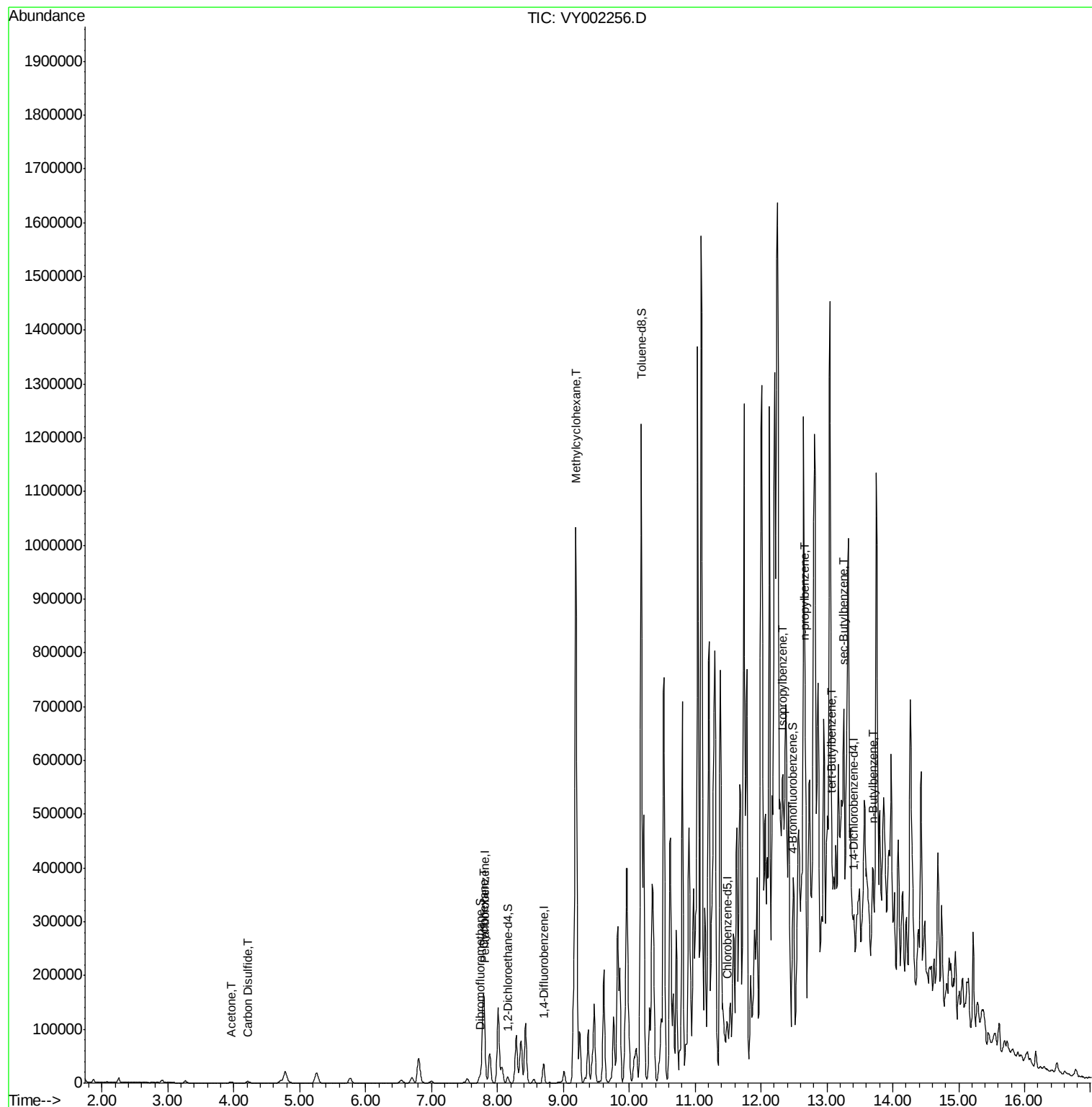
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	14846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	28317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	18764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.41	152	11686	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	8553	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.74	113	8243	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.18	98	89714	127.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	254.42%	
62) 4-Bromofluorobenzene	12.48	95	35531	152.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.42%	
Target Compounds						
16) Acetone	3.97	43	2206	50.731	ug/l	92
17) Carbon Disulfide	4.21	76	3587	6.025	ug/l	99
31) Cyclohexane	7.80	56	81982	235.705	ug/l	93
39) Methylcyclohexane	9.19	83	453481	1195.212	ug/l	100
73) Isopropylbenzene	12.33	105	134735	146.760	ug/l	100
78) n-propylbenzene	12.67	91	308827	270.473	ug/l	99
83) tert-Butylbenzene	13.08	119	9887	15.546	ug/l #	69
85) sec-Butylbenzene	13.26	105	166459	175.699	ug/l	81
89) n-Butylbenzene	13.70	91	72817	87.122	ug/l	88

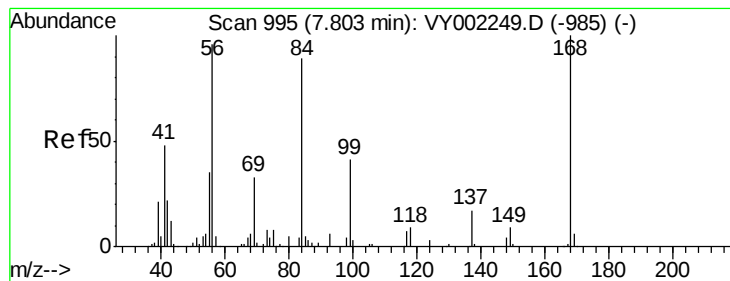
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002256.D

Acq: 08 Apr 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

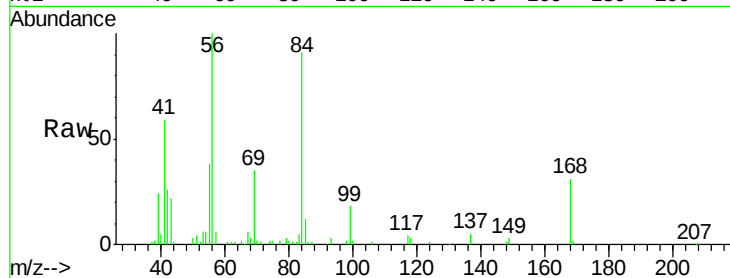
SB-3K-(0-2)RE

Tot Ion:168 Resp: 14846

Ion Ratio Lower Upper

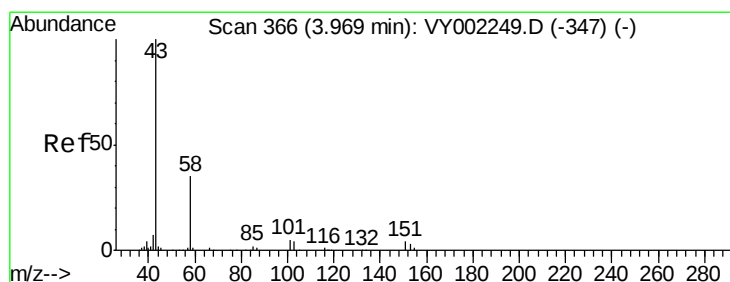
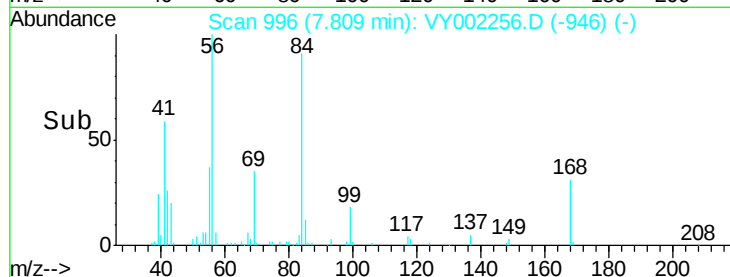
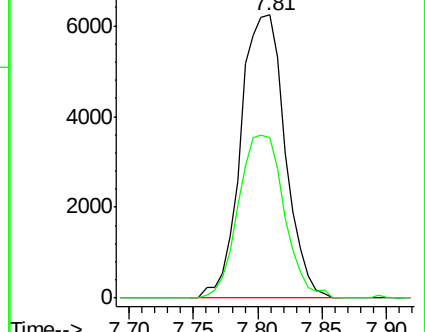
168 100

99 56.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 50.731 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002256.D

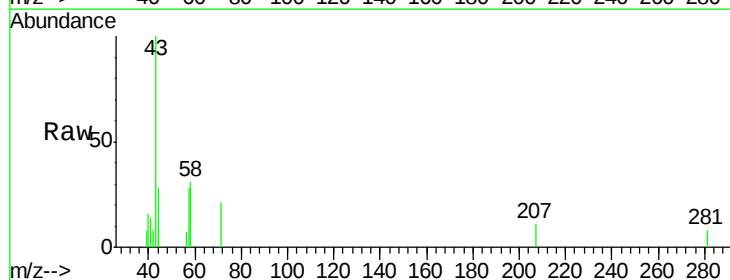
Acq: 08 Apr 2020 17:40

Tgt Ion: 43 Resp: 2206

Ion Ratio Lower Upper

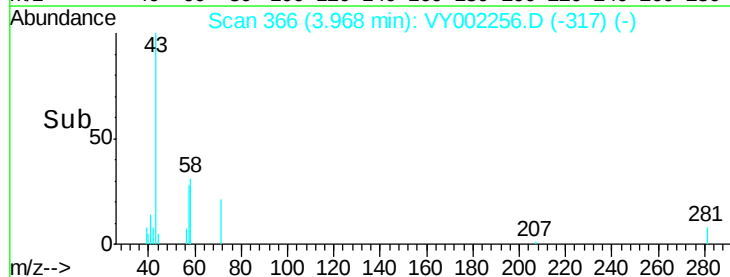
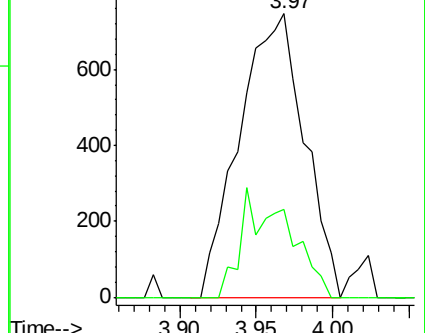
43 100

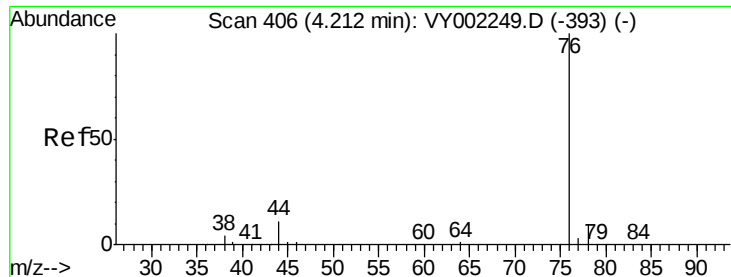
58 30.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

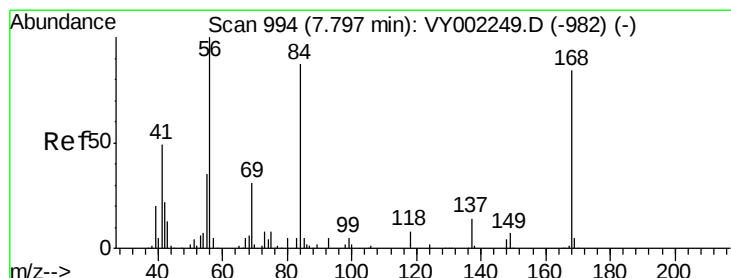
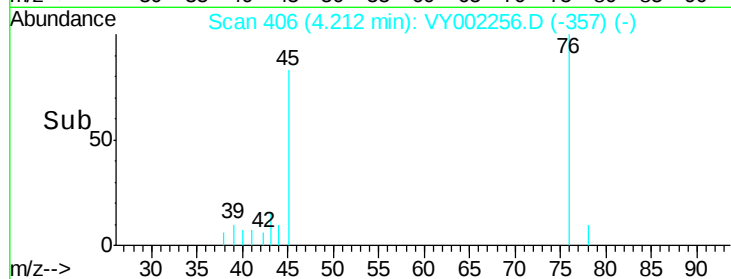
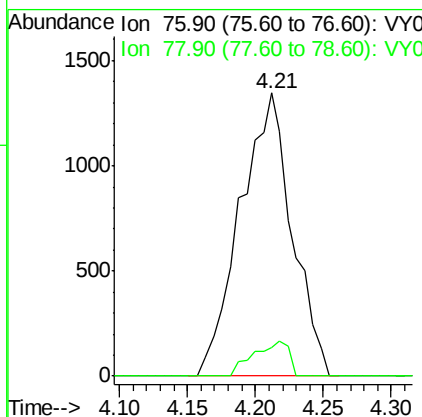
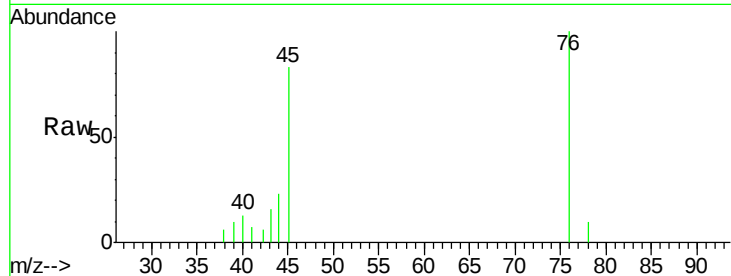




#17
Carbon Disulfide
Concen: 6.025 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002256.D
Acq: 08 Apr 2020 17:40

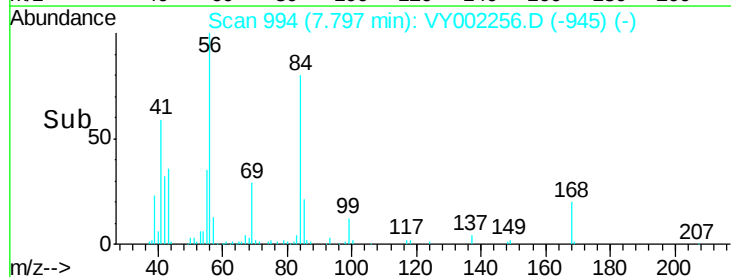
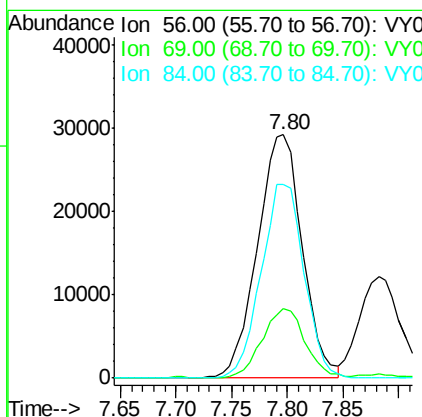
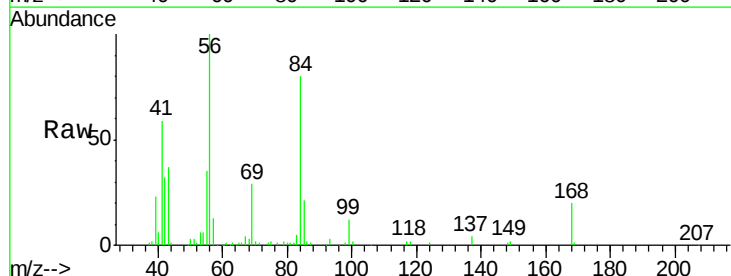
Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)RE

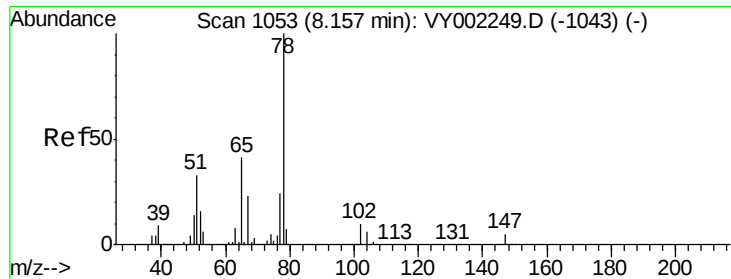
Tot Ion: 76 Resp: 3587
Ion Ratio Lower Upper
76 100
78 10.0 7.7 11.5



#31
Cyclohexane
Concen: 235.705 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY002256.D
Acq: 08 Apr 2020 17:40

Tgt Ion: 56 Resp: 81982
Ion Ratio Lower Upper
56 100
69 28.2 25.0 37.6
84 79.7 69.7 104.5





#33

1,2-Dichloroethane-d4

Concen: 51.806 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002256.D

Acq: 08 Apr 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

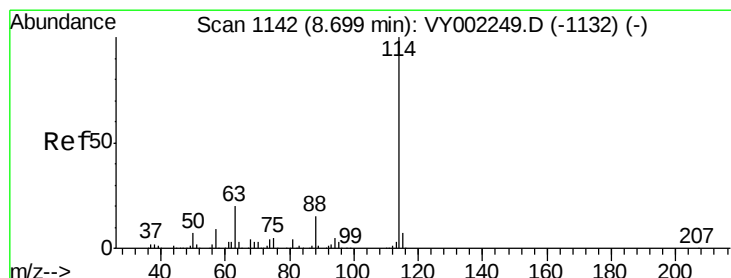
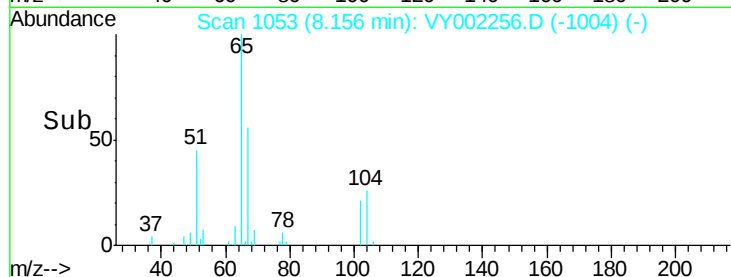
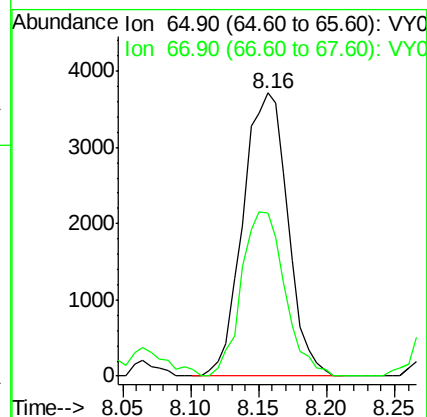
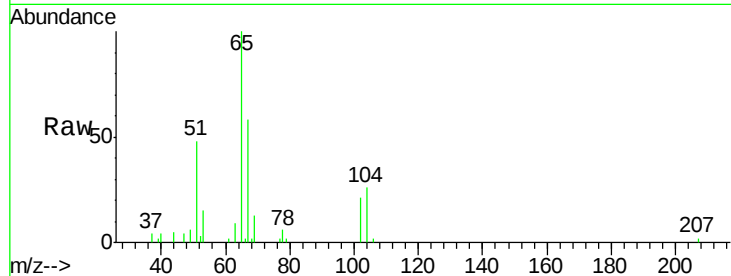
SB-3K-(0-2)RE

Tot Ion: 65 Resp: 8553

Ion Ratio Lower Upper

65 100

67 56.1 0.0 114.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002256.D

Acq: 08 Apr 2020 17:40

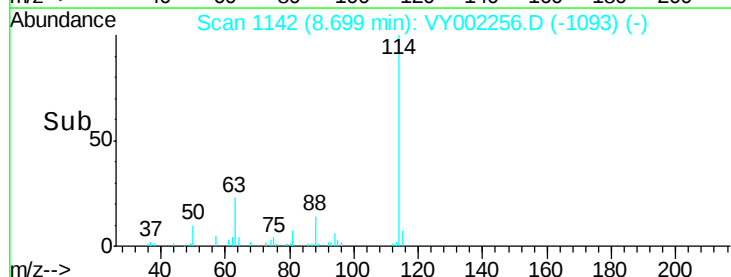
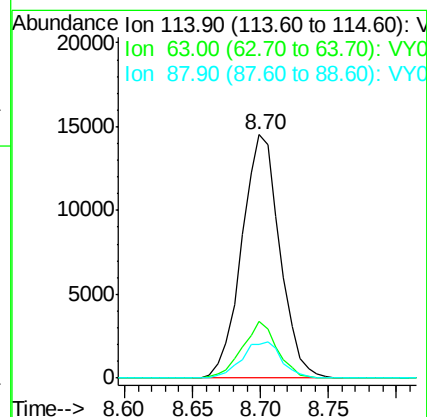
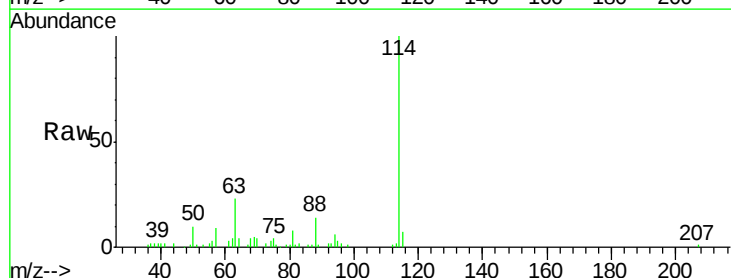
Tgt Ion: 114 Resp: 28317

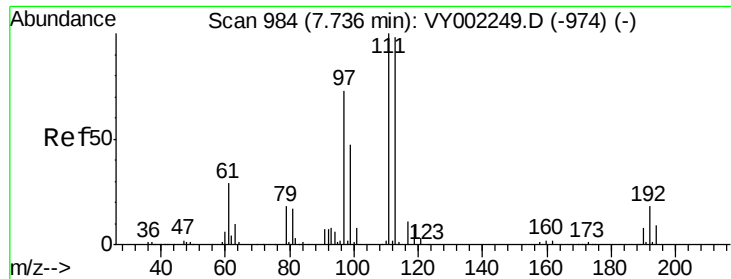
Ion Ratio Lower Upper

114 100

63 23.3 0.0 39.0

88 13.9 0.0 31.0

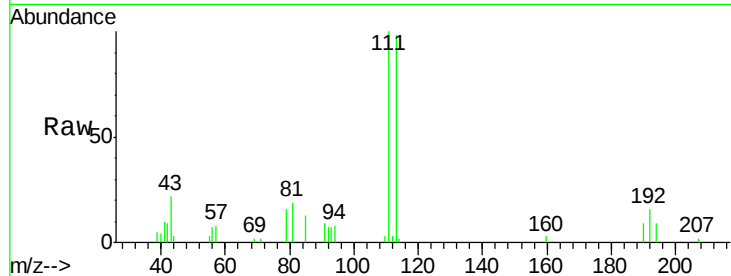




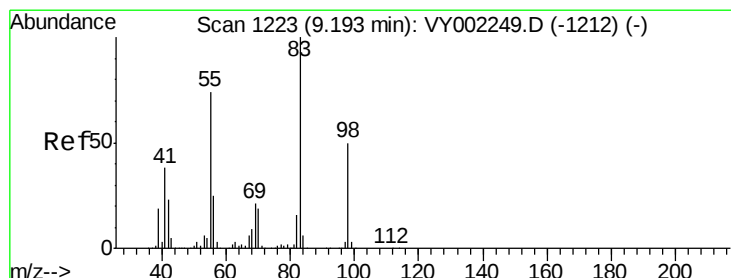
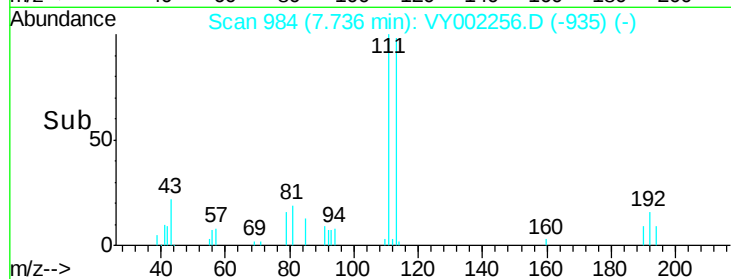
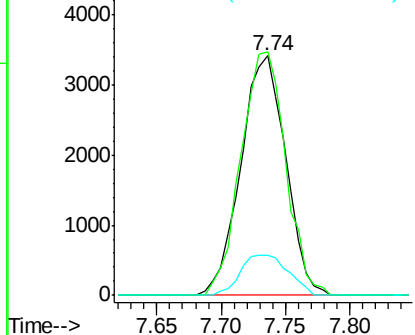
#35
 Dibromofluoromethane
 Concen: 48.921 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002256.D
 Acq: 08 Apr 2020 17:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3K-(0-2)RE

Tot Ion:113 Resp: 8243
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.5 125.3
 192 18.0 14.7 22.1

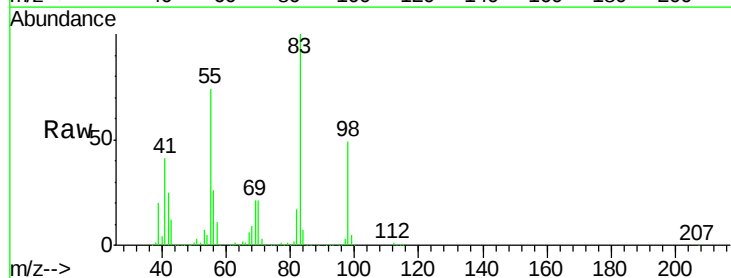


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

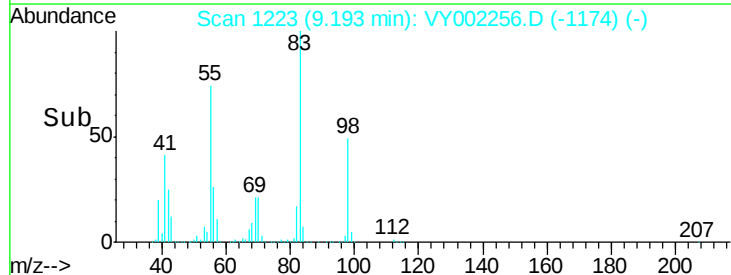
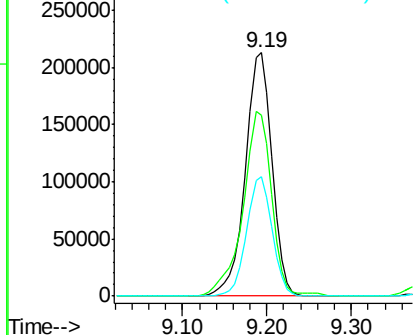


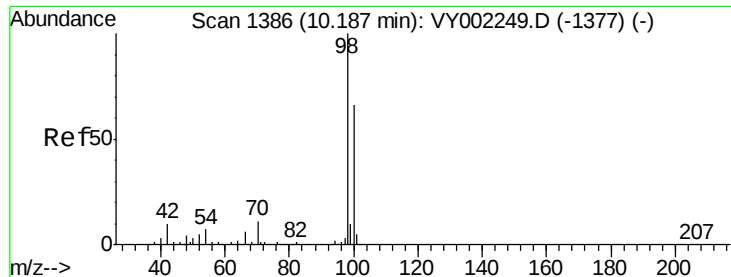
#39
 Methylcyclohexane
 Concen: 1195.212 ug/l
 RT: 9.19 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: VY002256.D
 Acq: 08 Apr 2020 17:40

Tgt Ion: 83 Resp: 453481
 Ion Ratio Lower Upper
 83 100
 55 74.3 59.3 88.9
 98 48.9 39.6 59.4



Abundance Ion 83.00 (82.70 to 83.70): VY0
 Ion 55.00 (54.70 to 55.70): VY0
 Ion 98.00 (97.70 to 98.70): VY0





#50

Toluene-d8

Concen: 127.208 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002256.D

Acq: 08 Apr 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

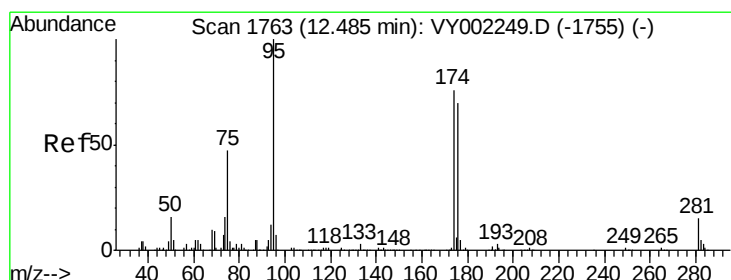
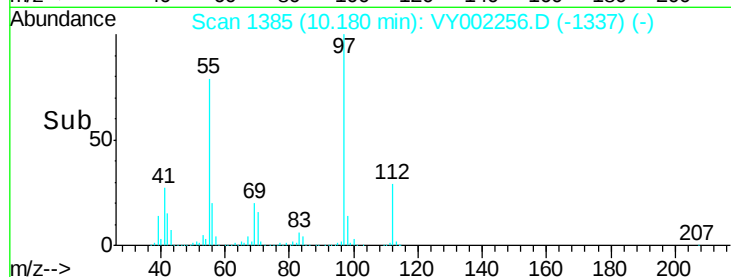
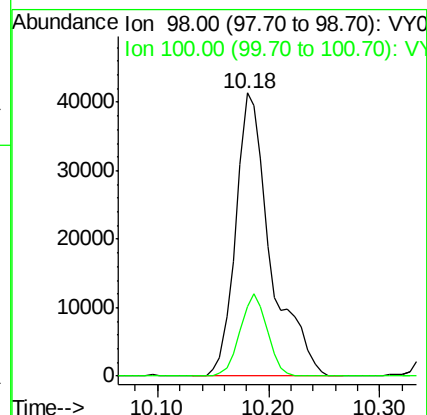
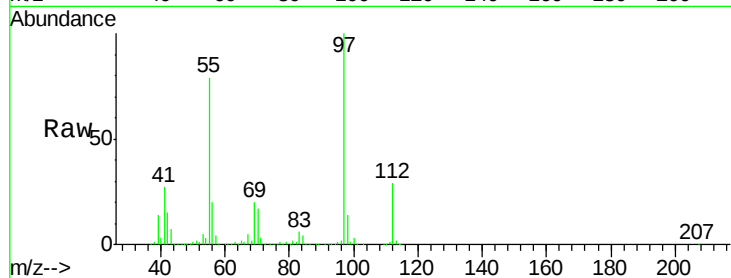
SB-3K-(0-2)RE

Tot Ion: 98 Resp: 89714

Ion Ratio Lower Upper

98 100

100 22.6 52.6 78.8#



#62

4-Bromofluorobenzene

Concen: 152.708 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002256.D

Acq: 08 Apr 2020 17:40

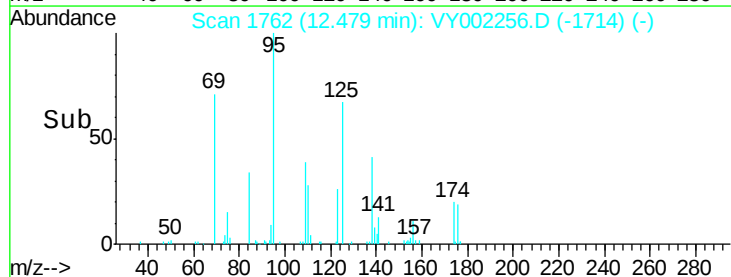
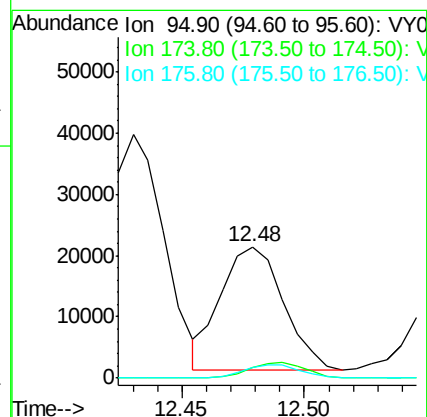
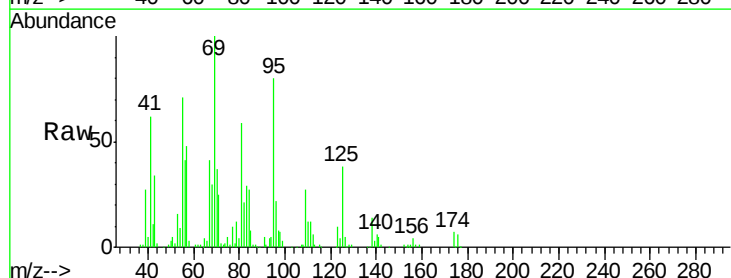
Tgt Ion: 95 Resp: 35531

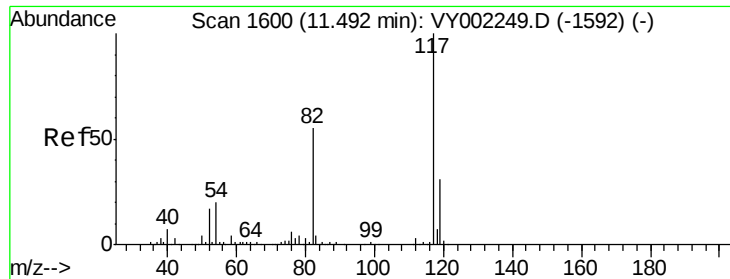
Ion Ratio Lower Upper

95 100

174 11.5 0.0 150.6

176 10.0 0.0 141.4

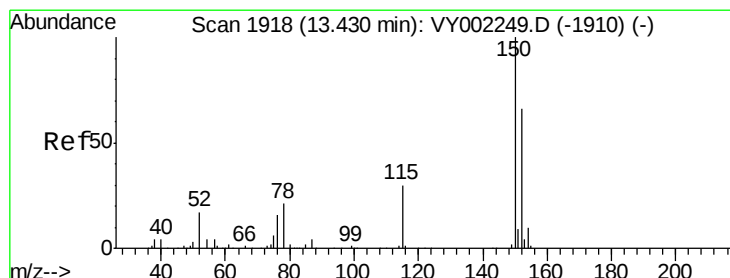
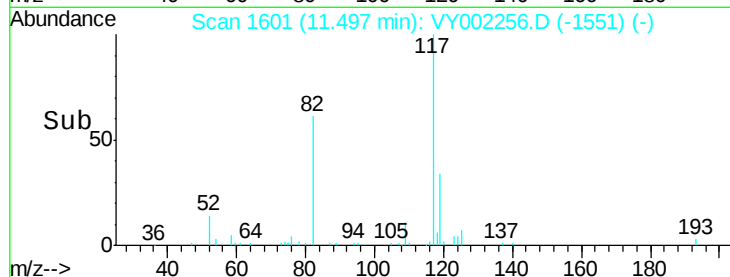
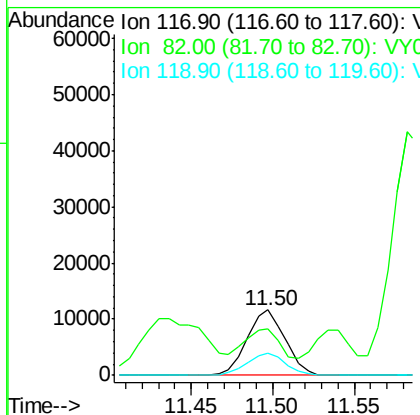
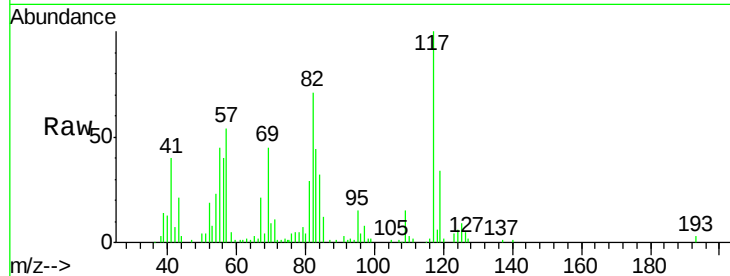




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002256.D
Acq: 08 Apr 2020 17:40

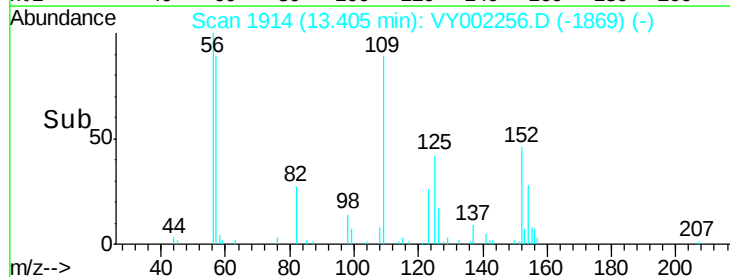
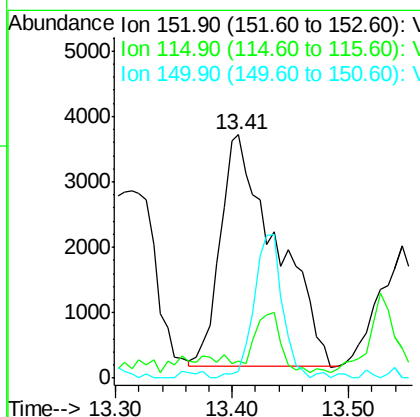
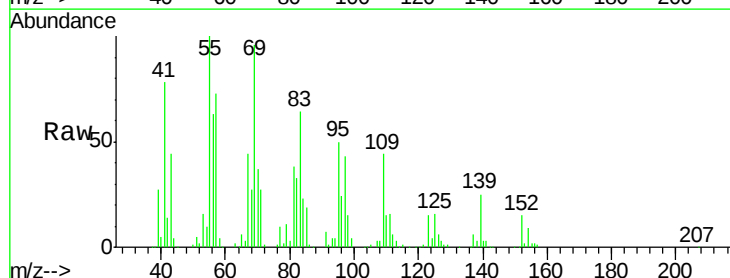
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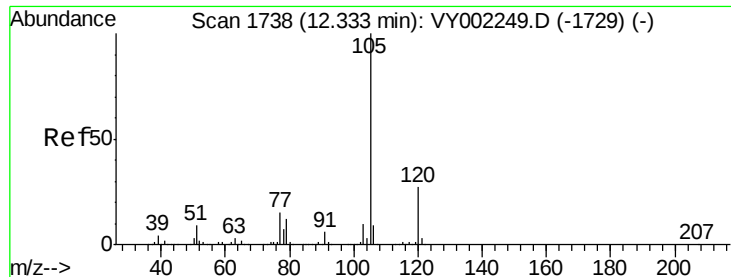
Tot Ion:117 Resp: 18764
Ion Ratio Lower Upper
117 100
82 0.9 44.2 66.4#
119 34.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.41 min Scan# 1914
Delta R.T. -0.02 min
Lab File: VY002256.D
Acq: 08 Apr 2020 17:40

Tgt Ion:152 Resp: 11686
Ion Ratio Lower Upper
152 100
115 0.0 30.7 92.1#
150 0.0 0.0 350.6





#73

Isopropylbenzene

Concen: 146.760 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY002256.D

Acq: 08 Apr 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

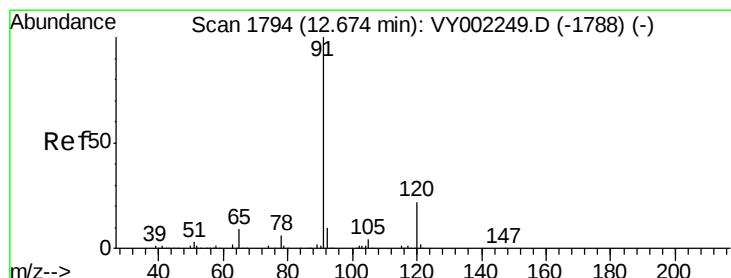
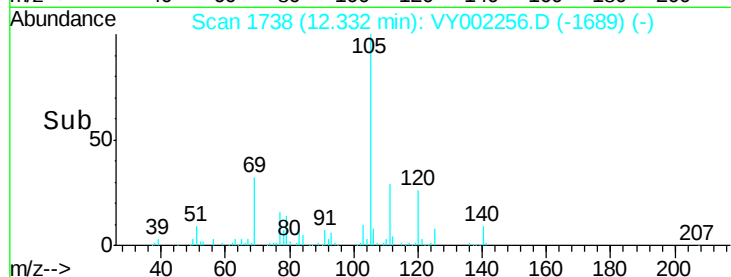
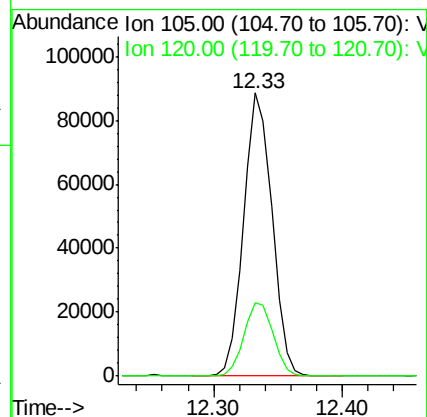
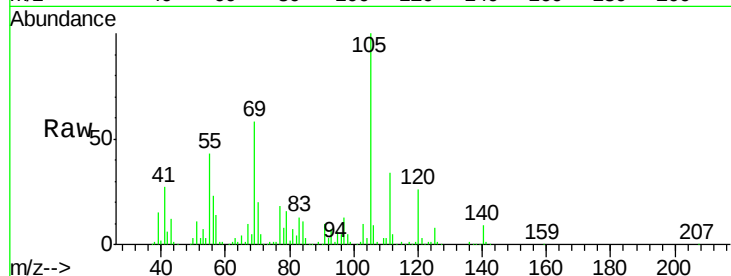
SB-3K-(0-2)RE

Tot Ion:105 Resp: 134735

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#78

n-propylbenzene

Concen: 270.473 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002256.D

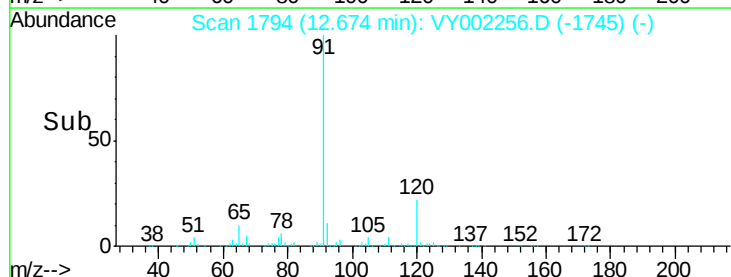
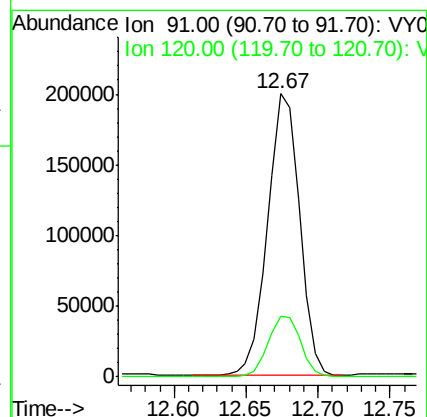
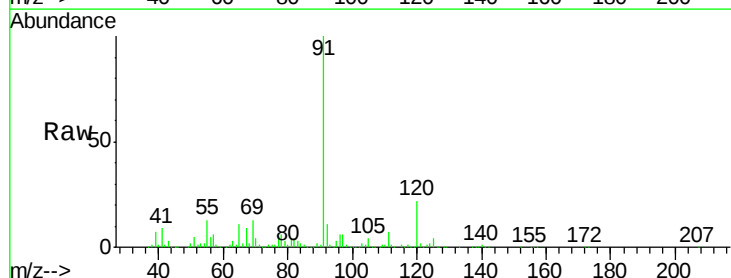
Acq: 08 Apr 2020 17:40

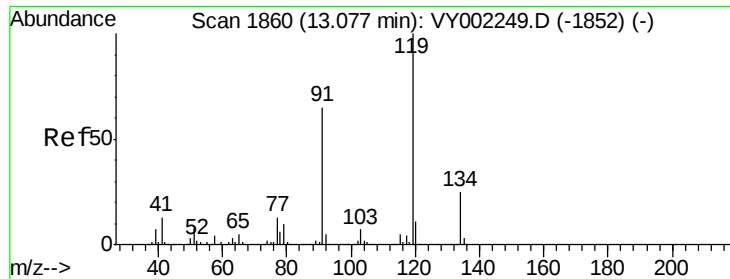
Tgt Ion: 91 Resp: 308827

Ion Ratio Lower Upper

91 100

120 21.9 11.2 33.5

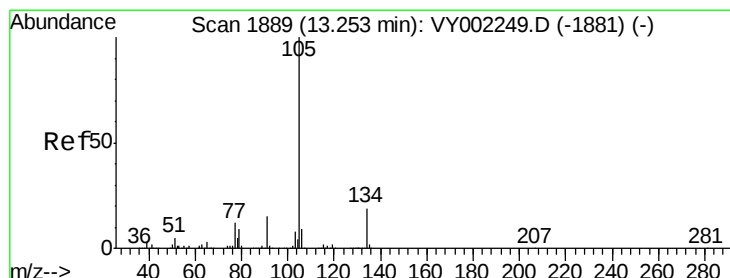
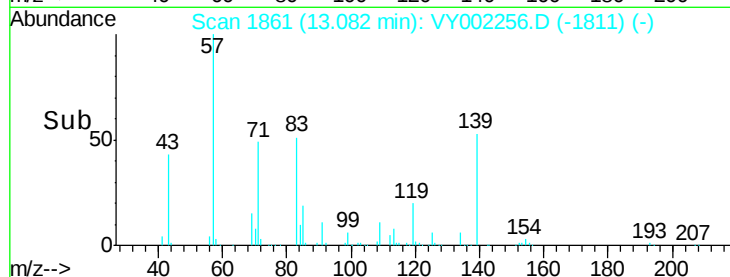
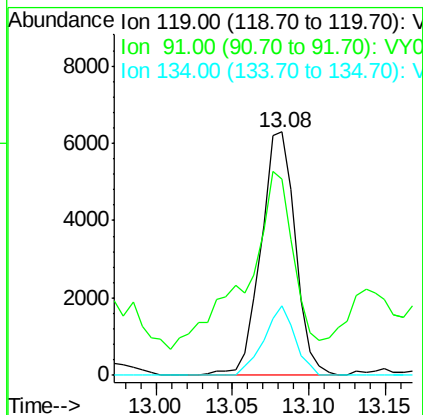
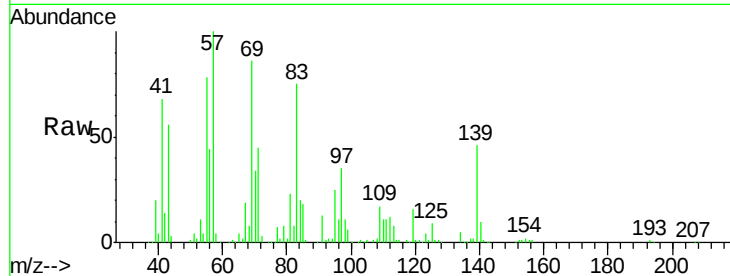




#83
tert-Butylbenzene
Concen: 15.546 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VY002256.D
Acq: 08 Apr 2020 17:40

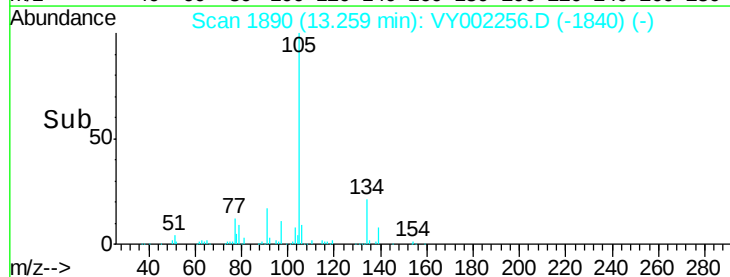
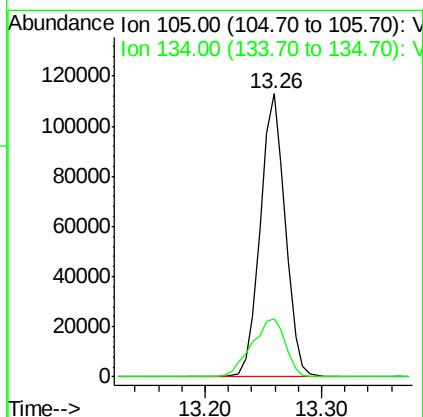
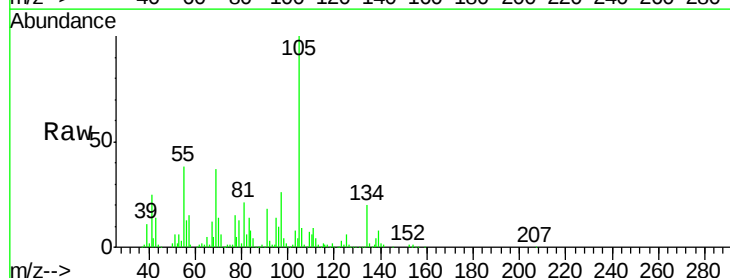
Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)RE

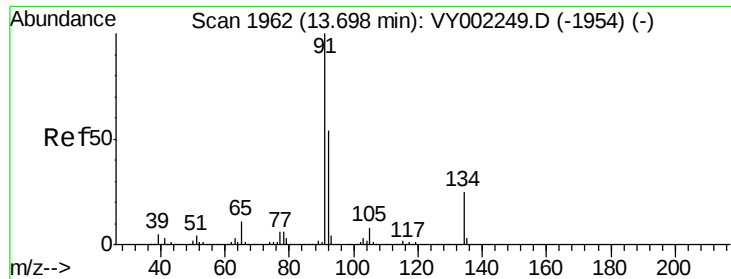
Tot Ion:119 Resp: 9887
Ion Ratio Lower Upper
119 100
91 97.9 32.4 97.0#
134 25.6 12.6 37.6



#85
sec-Butylbenzene
Concen: 175.699 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VY002256.D
Acq: 08 Apr 2020 17:40

Tgt Ion:105 Resp: 166459
Ion Ratio Lower Upper
105 100
134 28.0 9.8 29.3





#89

n-Butylbenzene

Concen: 87.122 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VY002256.D

Acq: 08 Apr 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-3K-(0-2)RE

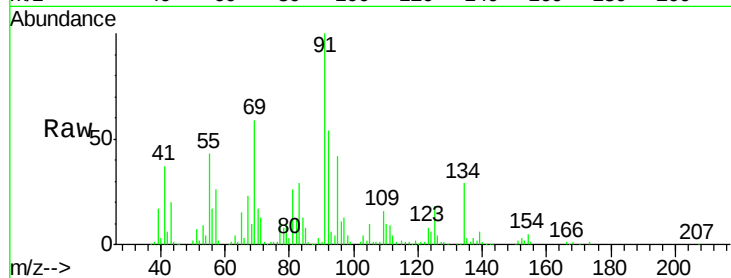
Tot Ion: 91 Resp: 72817

Ion Ratio Lower Upper

91 100

92 50.2 27.2 81.6

134 37.4 12.7 38.0



Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V

