

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015862.D
 Acq On : 23 Apr 2020 00:33
 Operator : JC/SP
 Sample : L2380-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW003-200421

Quant Time: Apr 23 12:22:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	916548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1411493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1388139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	748349	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	510782	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	5.47	113	409067	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
50) Toluene-d8	8.70	98	1718562	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.12	95	710474	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	

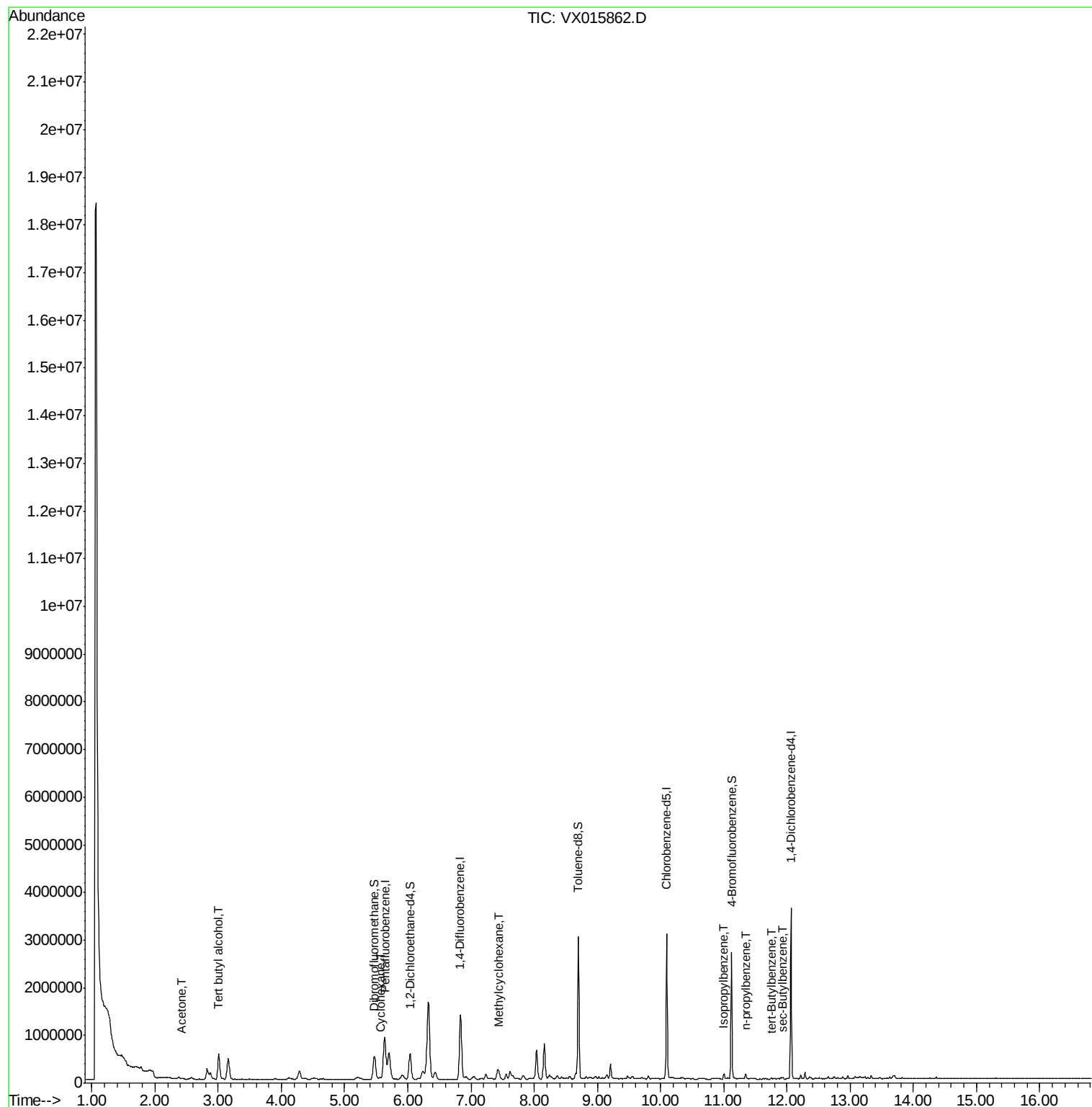
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	681267	319.860	ug/l	99
16) Acetone	2.42	43	15394	3.391	ug/l #	83
31) Cyclohexane	5.56	56	25392	1.667	ug/l #	84
39) Methylcyclohexane	7.45	83	59257	3.740	ug/l	94
73) Isopropylbenzene	11.00	105	58227	1.225	ug/l	93
78) n-propylbenzene	11.34	91	59025	1.084	ug/l	100
83) tert-Butylbenzene	11.76	119	10001	0.278	ug/l	87
85) sec-Butylbenzene	11.93	105	20392	0.430	ug/l	96

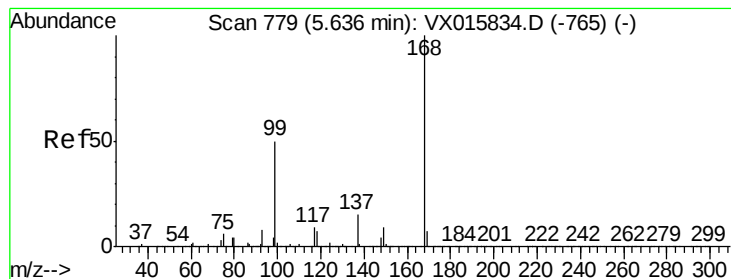
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
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Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015862.D

Acq: 23 Apr 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

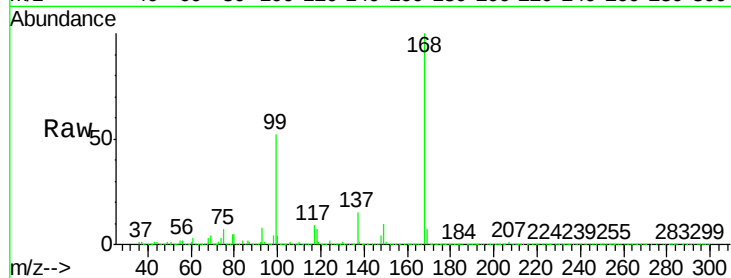
KY001MW003-200421

Tot Ion:168 Resp: 916548

Ion Ratio Lower Upper

168 100

99 52.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

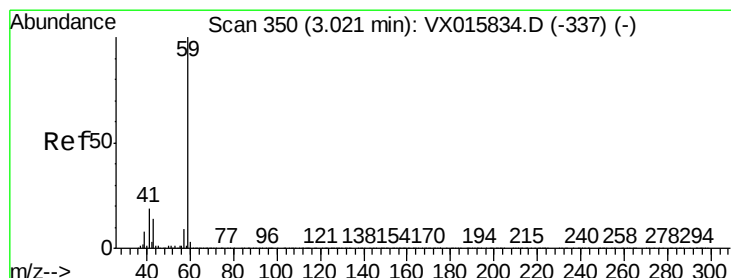
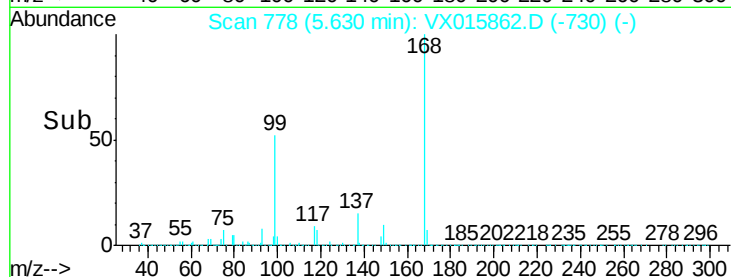
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 319.860 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015862.D

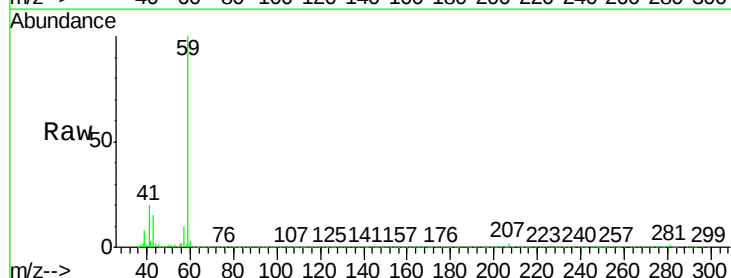
Acq: 23 Apr 2020 00:33

Tgt Ion: 59 Resp: 681267

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

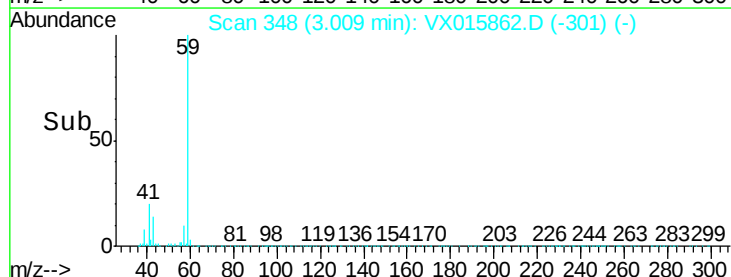
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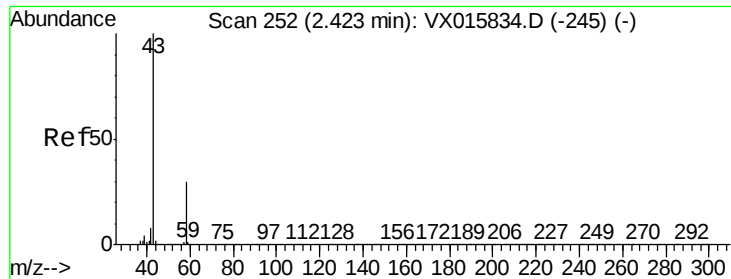
200000

100000

0

Time-->





#16

Acetone

Concen: 3.391 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015862.D

Acq: 23 Apr 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

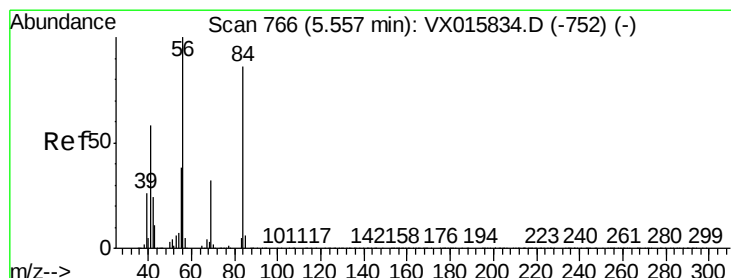
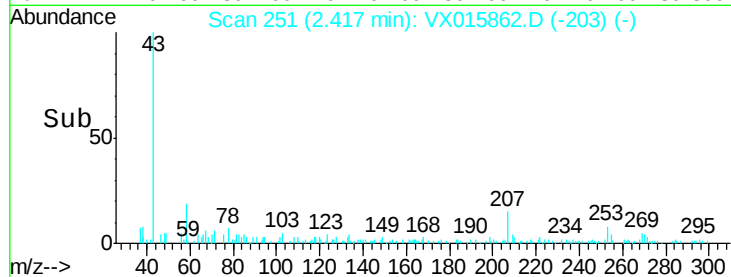
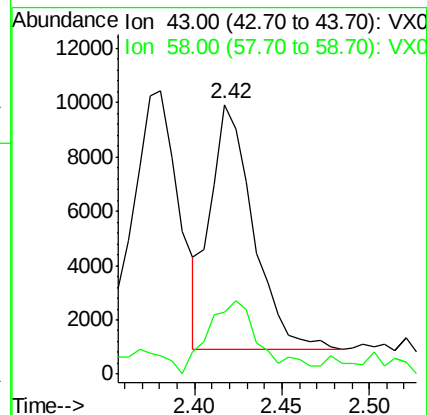
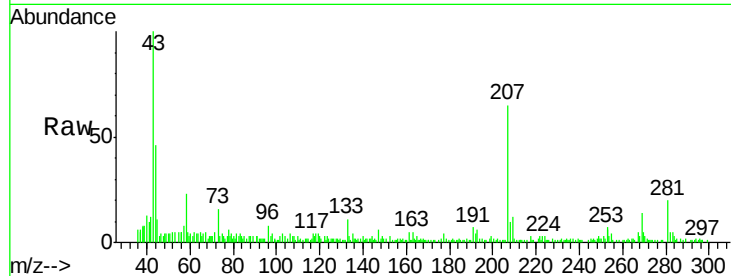
KY001MW003-200421

Tot Ion: 43 Resp: 15394

Ion Ratio Lower Upper

43 100

58 20.8 24.0 36.0#



#31

Cyclohexane

Concen: 1.667 ug/l

RT: 5.56 min Scan# 767

Delta R.T. 0.01 min

Lab File: VX015862.D

Acq: 23 Apr 2020 00:33

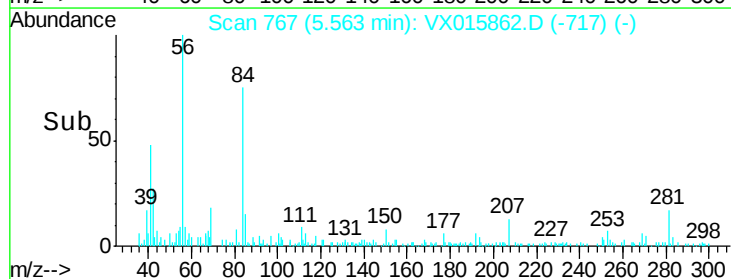
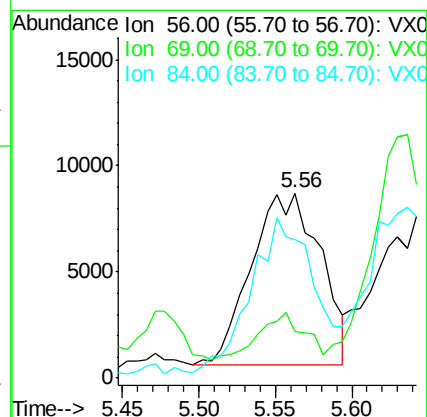
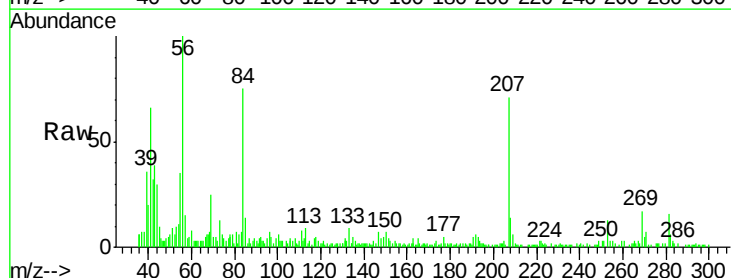
Tgt Ion: 56 Resp: 25392

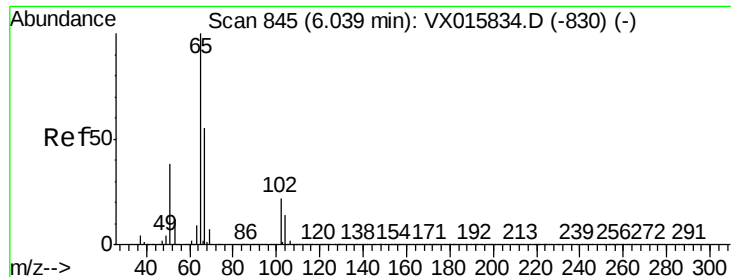
Ion Ratio Lower Upper

56 100

69 13.4 25.3 37.9#

84 77.5 69.1 103.7





#33

1,2-Dichloroethane-d4

Concen: 48.999 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015862.D

Acq: 23 Apr 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

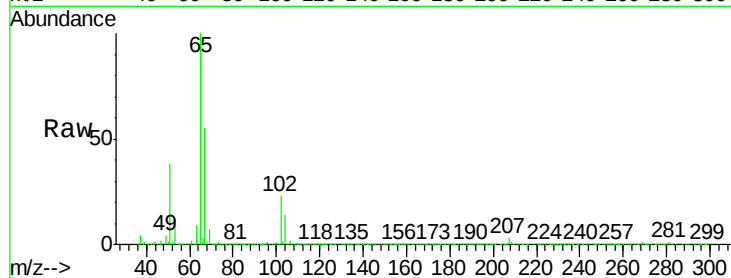
KY001MW003-200421

Tot Ion: 65 Resp: 510782

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

200000

150000

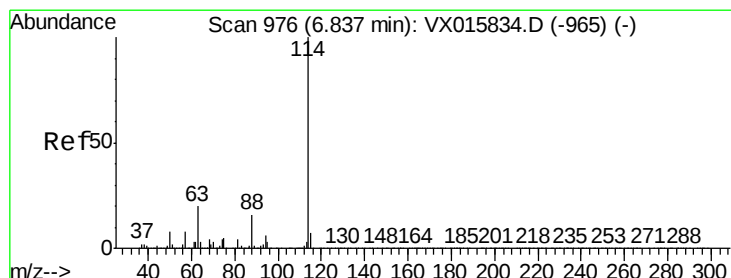
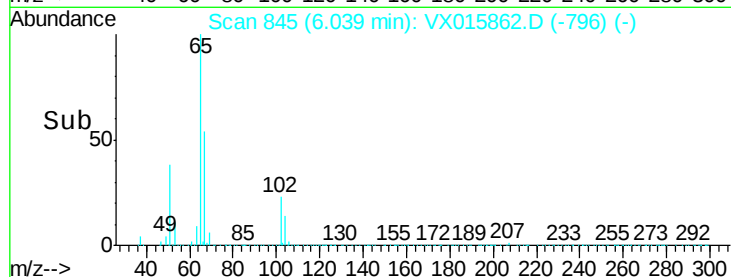
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015862.D

Acq: 23 Apr 2020 00:33

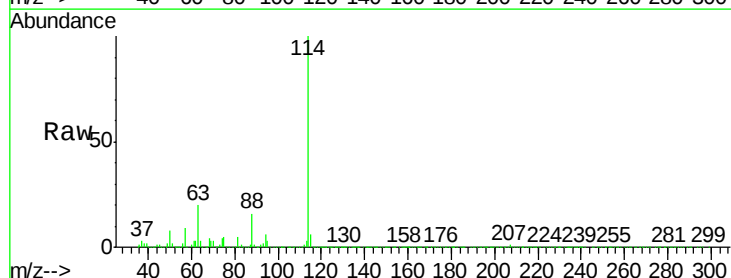
Tgt Ion: 114 Resp: 1411493

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

88 15.9 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

800000

600000

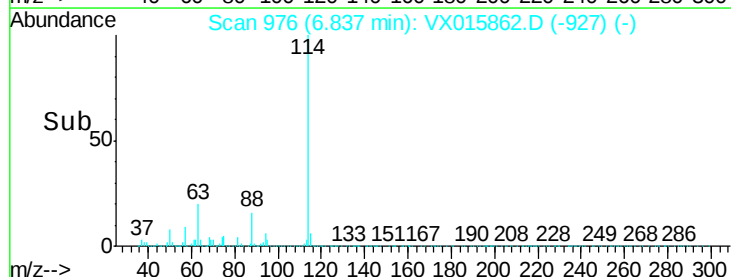
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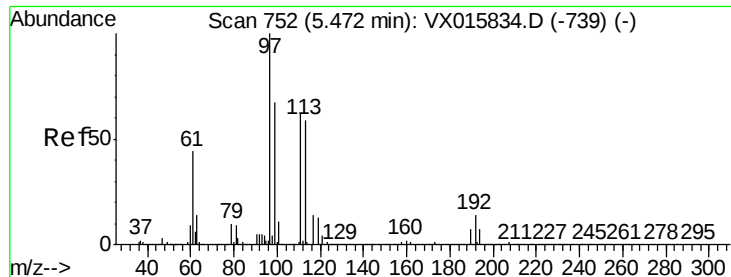
200000

0

Time-->

6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 50.208 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015862.D

Acq: 23 Apr 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

KY001MW003-200421

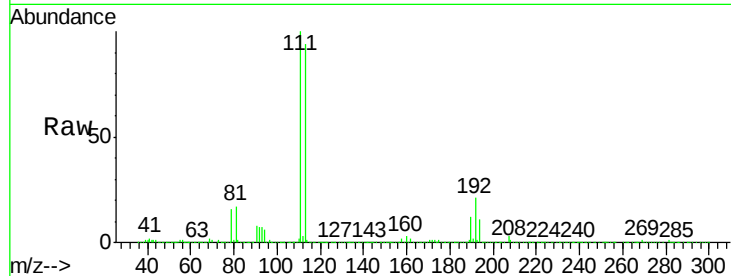
Tot Ion:113 Resp: 409067

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

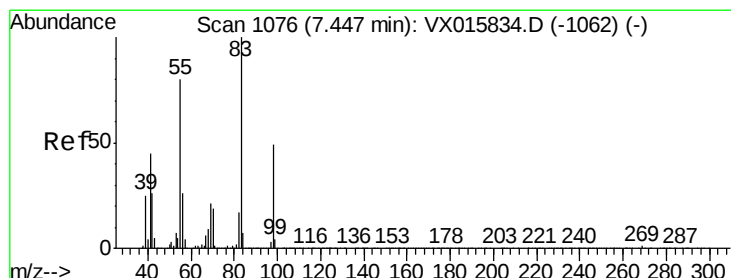
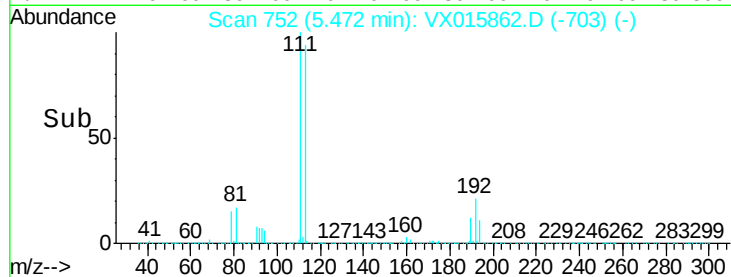
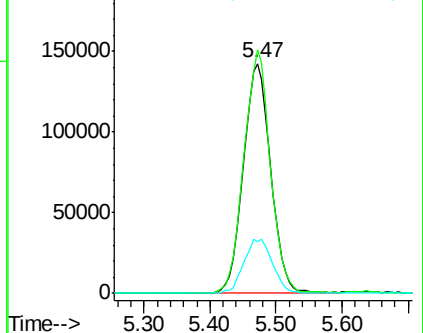
192 24.5 19.3 28.9



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: 3.740 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VX015862.D

Acq: 23 Apr 2020 00:33

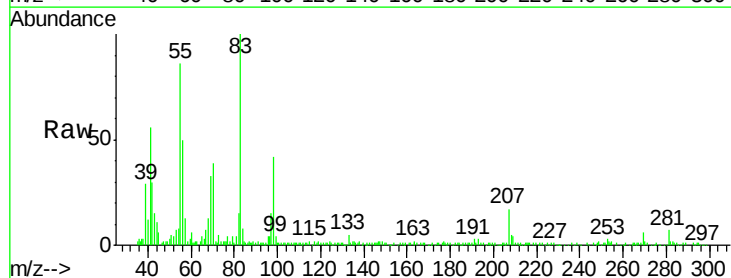
Tgt Ion: 83 Resp: 59257

Ion Ratio Lower Upper

83 100

55 83.6 64.2 96.4

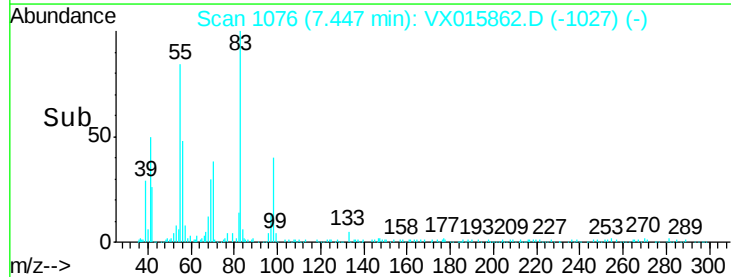
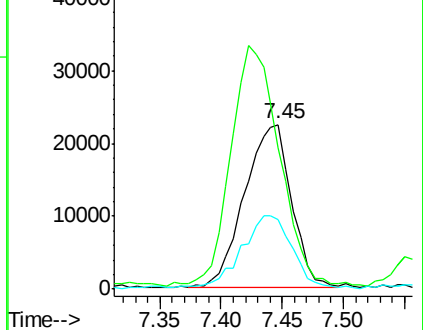
98 41.8 39.3 58.9

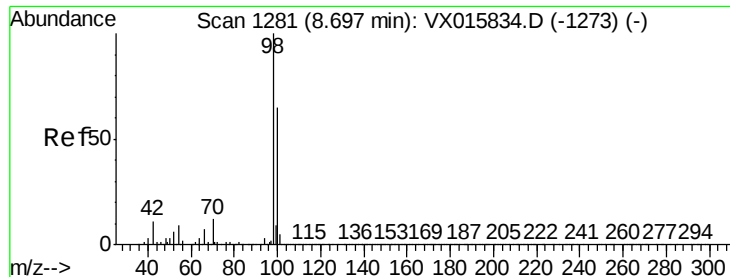


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 52.397 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015862.D

Acq: 23 Apr 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

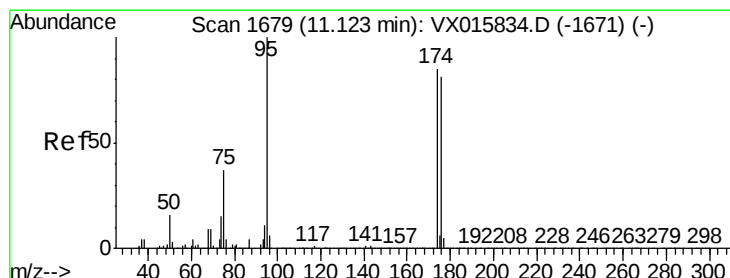
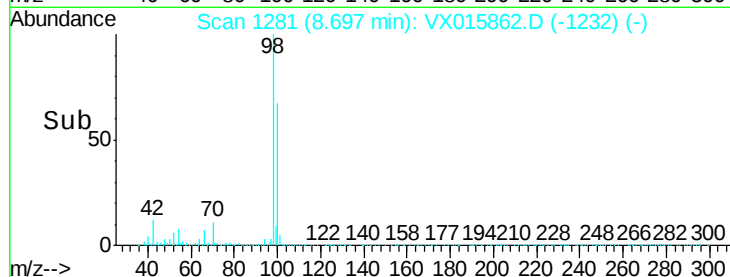
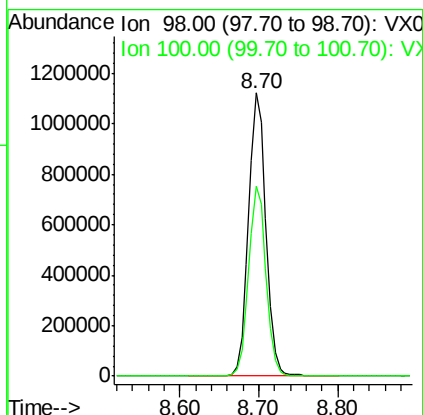
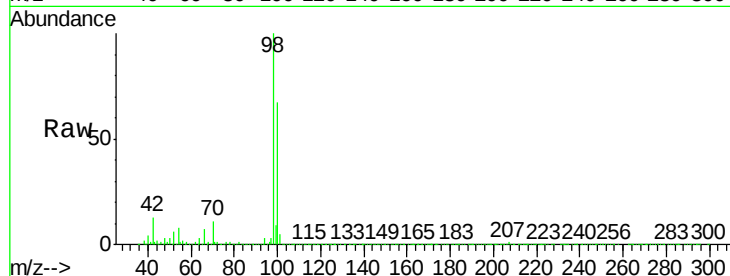
KY001MW003-200421

Tot Ion: 98 Resp: 1718562

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 52.804 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015862.D

Acq: 23 Apr 2020 00:33

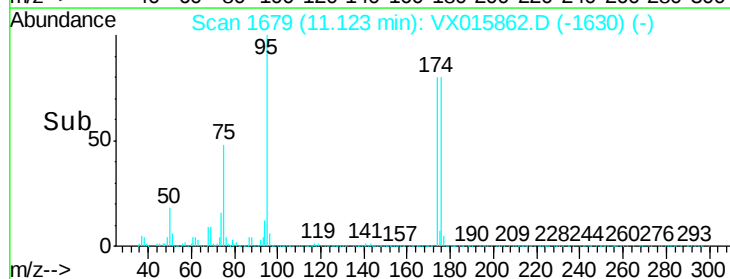
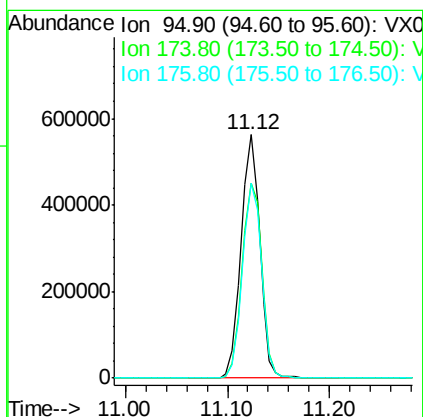
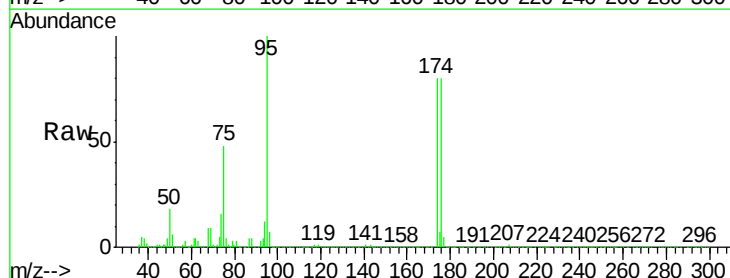
Tgt Ion: 95 Resp: 710474

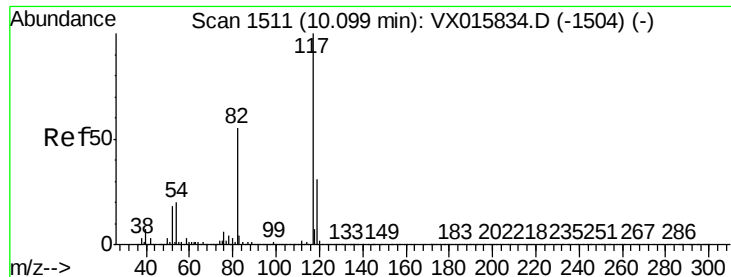
Ion Ratio Lower Upper

95 100

174 85.0 0.0 172.4

176 82.3 0.0 167.0

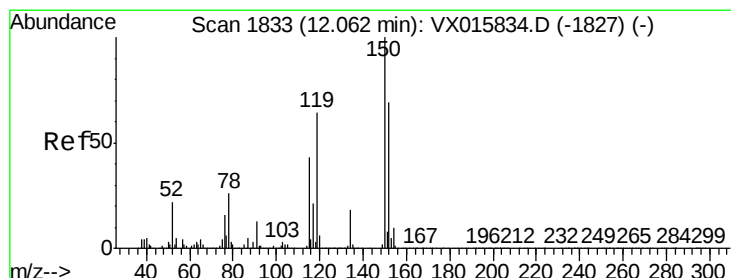
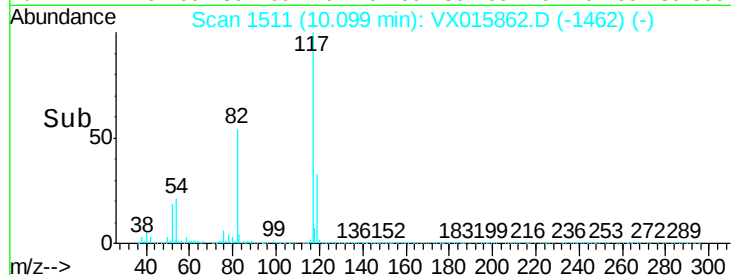
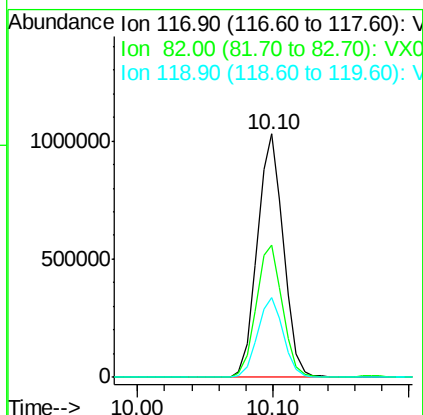
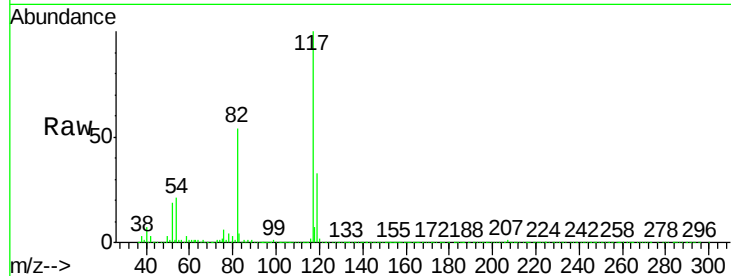




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015862.D
Acq: 23 Apr 2020 00:33

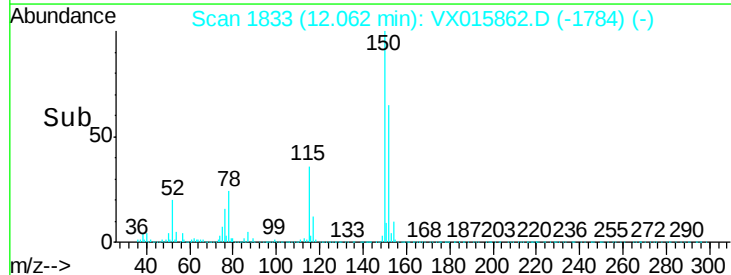
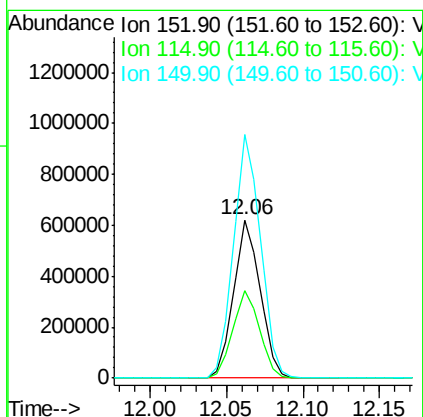
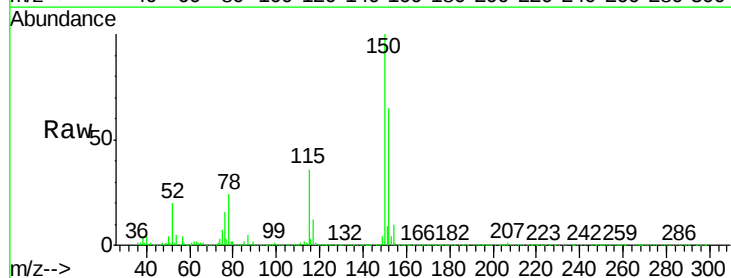
Instrument :
MSVOA_X
ClientSampleId :
KY001MW003-200421

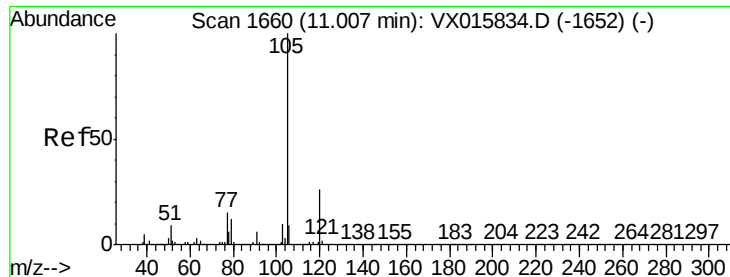
Tot Ion:117 Resp: 1388139
Ion Ratio Lower Upper
117 100
82 54.4 43.9 65.9
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015862.D
Acq: 23 Apr 2020 00:33

Tgt Ion:152 Resp: 748349
Ion Ratio Lower Upper
152 100
115 55.8 39.0 116.9
150 156.3 0.0 336.8





#73

Isopropylbenzene

Concen: 1.225 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015862.D

Acq: 23 Apr 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

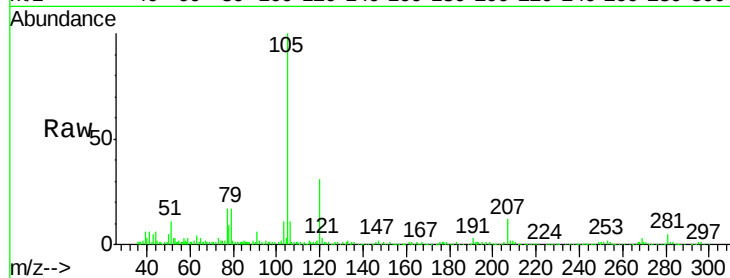
KY001MW003-200421

Tot Ion: 105 Resp: 58227

Ion Ratio Lower Upper

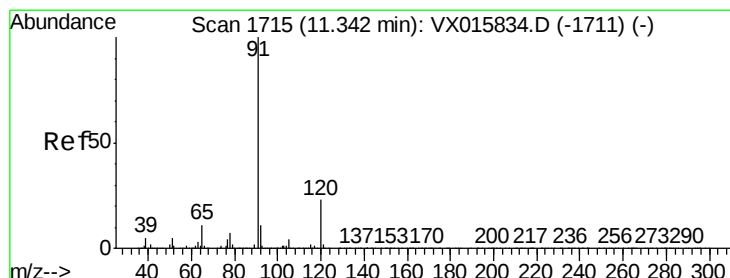
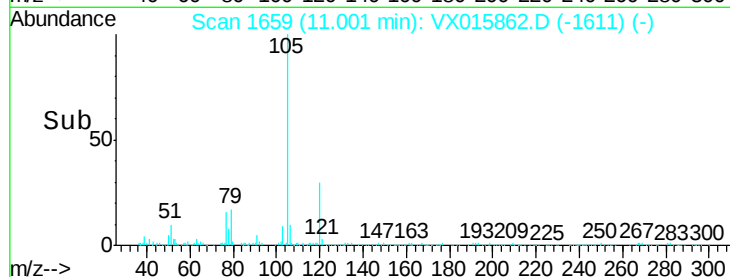
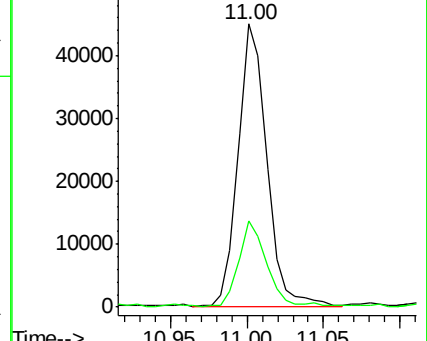
105 100

120 29.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.084 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015862.D

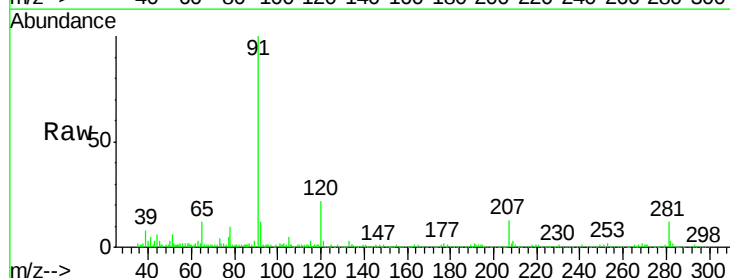
Acq: 23 Apr 2020 00:33

Tgt Ion: 91 Resp: 59025

Ion Ratio Lower Upper

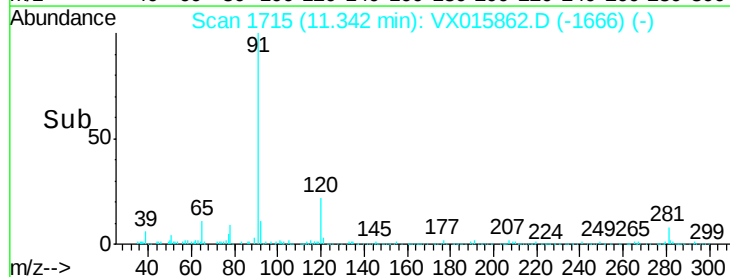
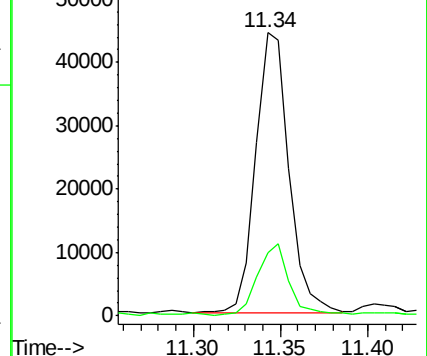
91 100

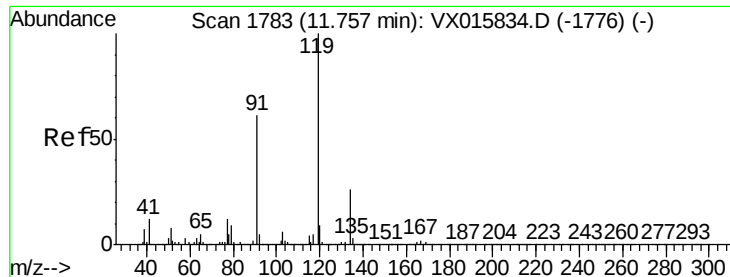
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

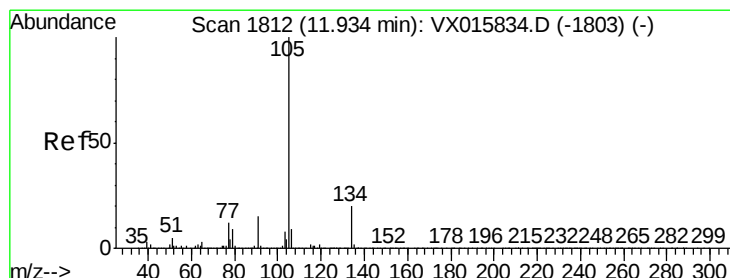
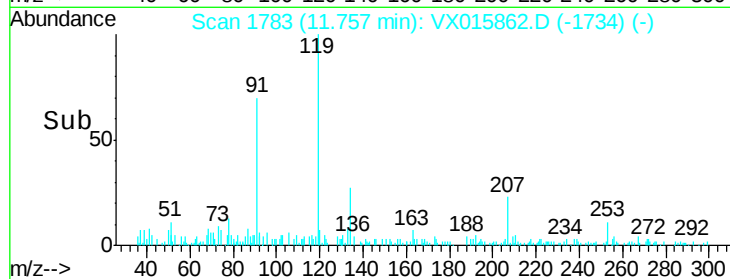
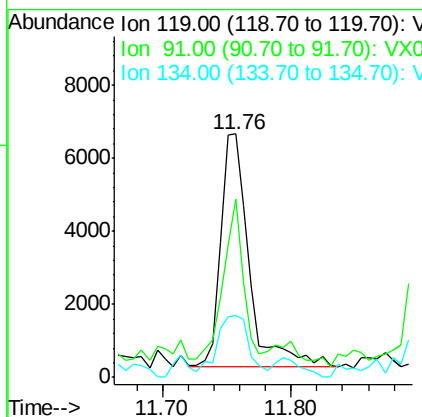
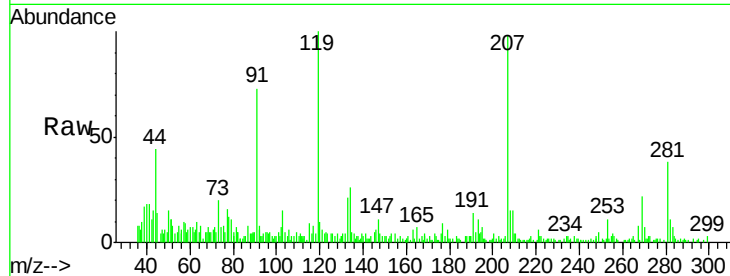




#83
tert-Butylbenzene
Concen: 0.278 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015862.D
Acq: 23 Apr 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
KY001MW003-200421

Tot Ion:119 Resp: 10001
Ion Ratio Lower Upper
119 100
91 50.2 30.9 92.7
134 28.2 12.4 37.2



#85
sec-Butylbenzene
Concen: 0.430 ug/l
RT: 11.93 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VX015862.D
Acq: 23 Apr 2020 00:33

Tgt Ion:105 Resp: 20392
Ion Ratio Lower Upper
105 100
134 22.2 10.3 30.8

