

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010728.D
 Acq On : 09 Jul 2019 04:40
 Operator : JC/SP
 Sample : K3690-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW009-190703

Quant Time: Jul 09 09:38:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	221540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161892	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113579	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	
35) Dibromofluoromethane	5.50	113	107181	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	8.71	98	417889	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	150821	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	

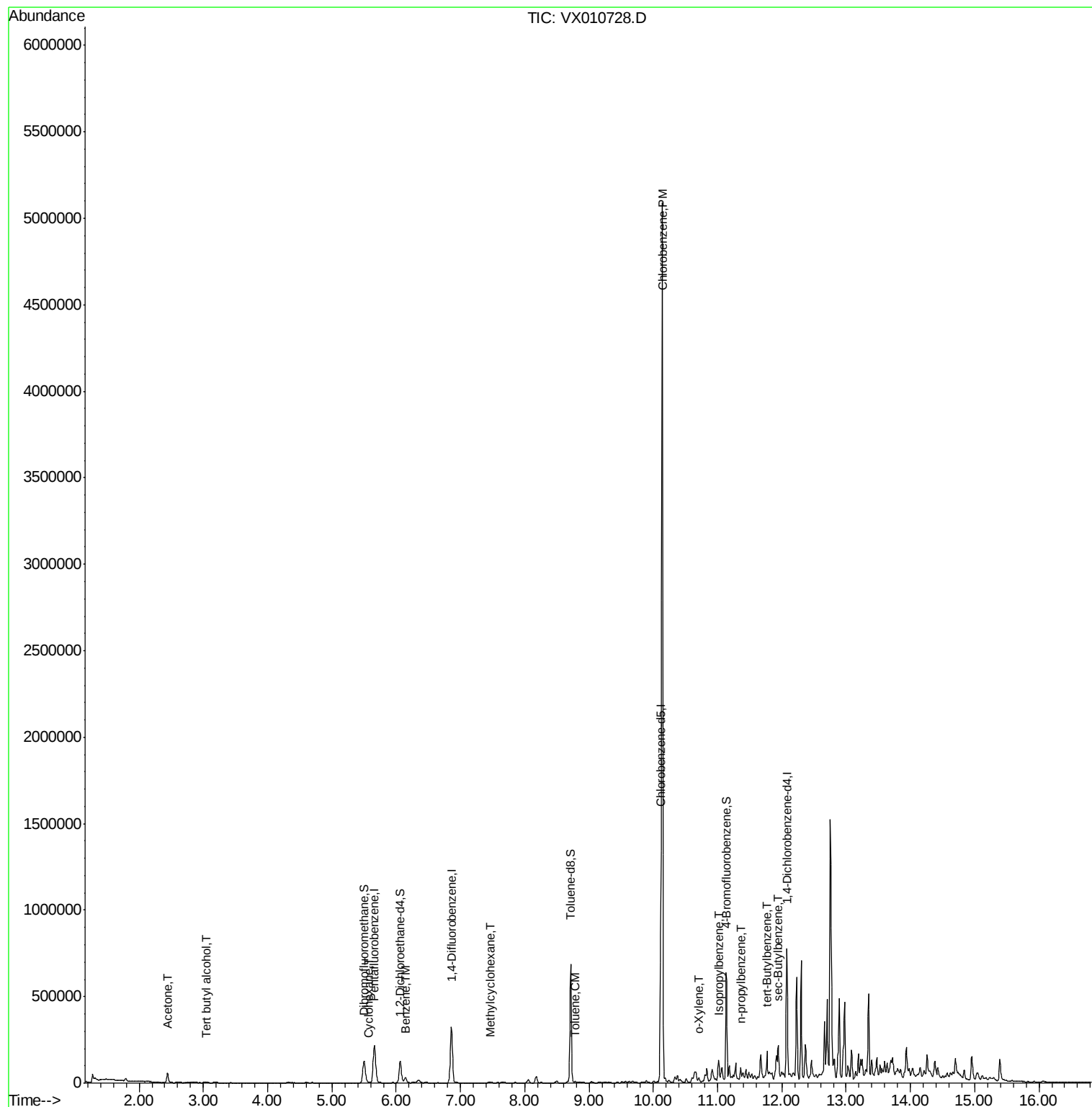
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.04	59	4283	7.880	ug/l #	94
16) Acetone	2.44	43	56125	53.914	ug/l	96
31) Cyclohexane	5.57	56	2360	0.787	ug/l #	83
39) Methylcyclohexane	7.46	83	2790	0.761	ug/l	94
40) Benzene	6.15	78	35360	4.067	ug/l	97
52) Toluene	8.79	92	1885	0.329	ug/l	95
65) Chlorobenzene	10.14	112	2263715	341.581	ug/l	97
69) o-Xylene	10.69	106	2071	0.486	ug/l	97
73) Isopropylbenzene	11.02	105	60772	5.538	ug/l	96
78) n-propylbenzene	11.36	91	43650	3.619	ug/l	96
83) tert-Butylbenzene	11.77	119	62429	6.875	ug/l	94
85) sec-Butylbenzene	11.94	105	77768	7.294	ug/l	95

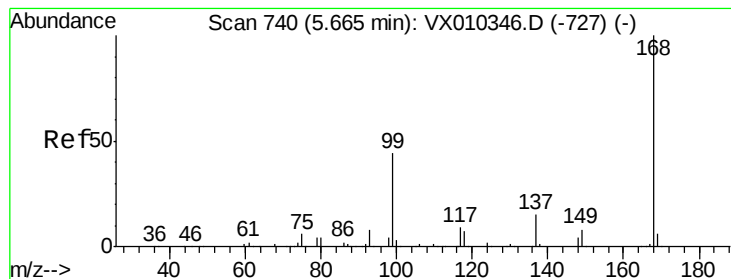
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

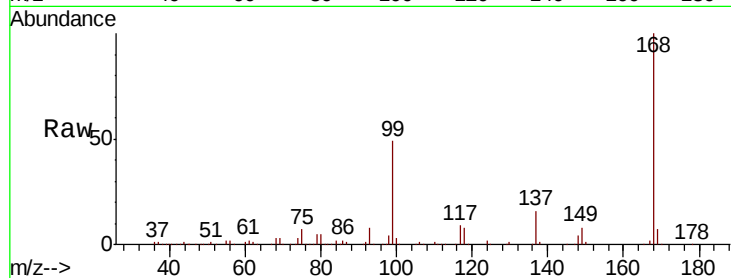
SS038MW009-190703

Tgt Ion:168 Resp: 221540

Ion Ratio Lower Upper

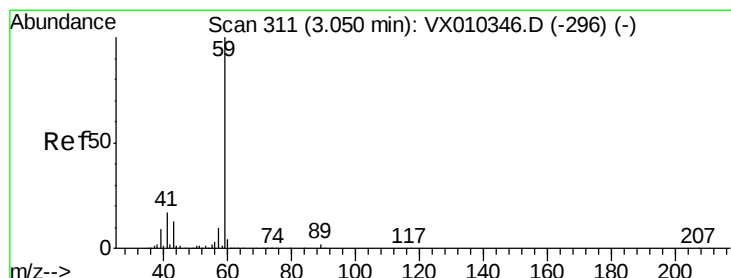
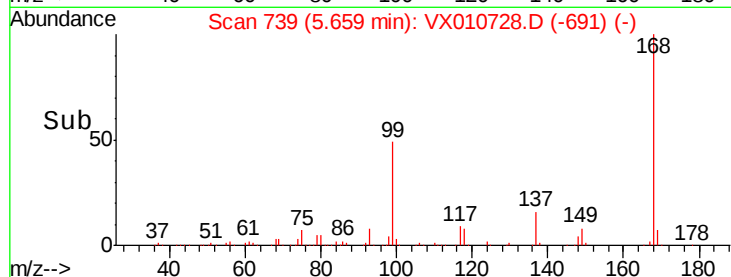
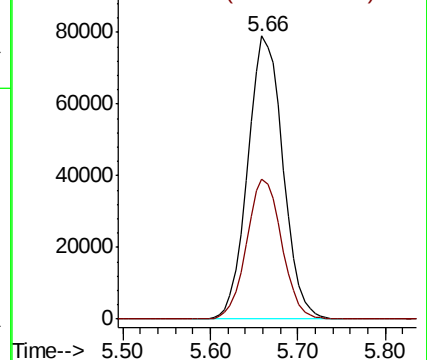
168 100

99 49.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 7.880 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010728.D

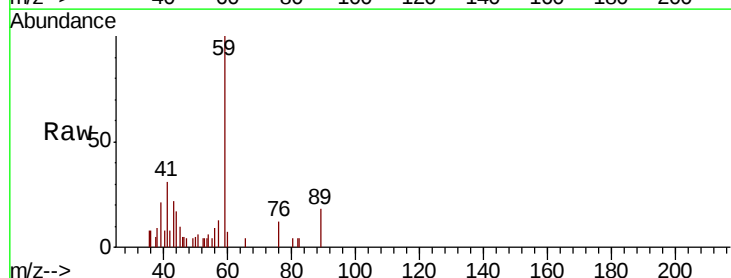
Acq: 09 Jul 2019 04:40

Tgt Ion: 59 Resp: 4283

Ion Ratio Lower Upper

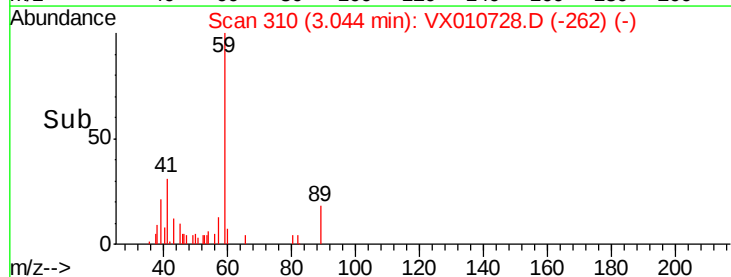
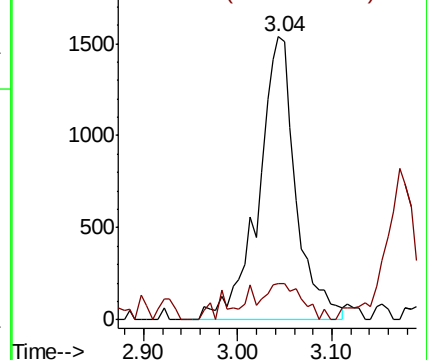
59 100

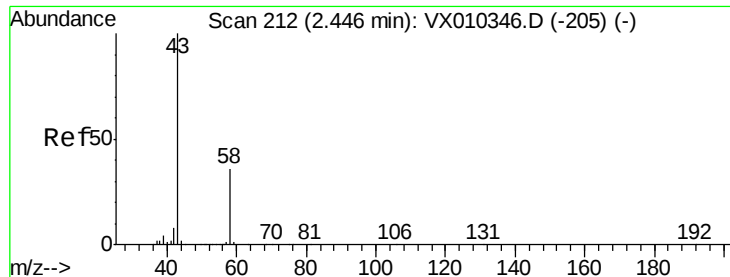
57 11.9 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 53.914 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

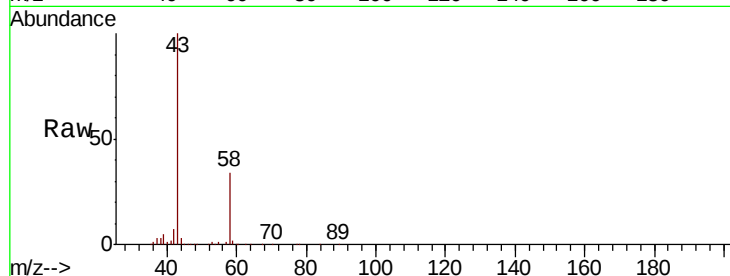
SS038MW009-190703

Tgt Ion: 43 Resp: 56125

Ion Ratio Lower Upper

43 100

58 33.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

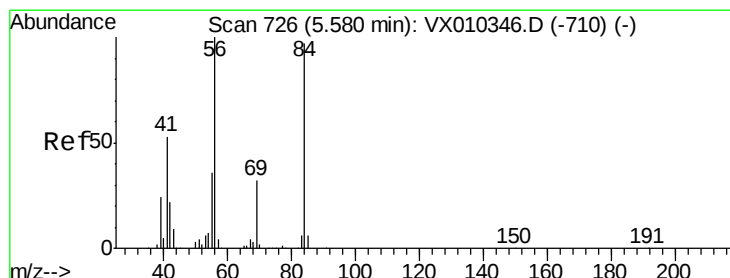
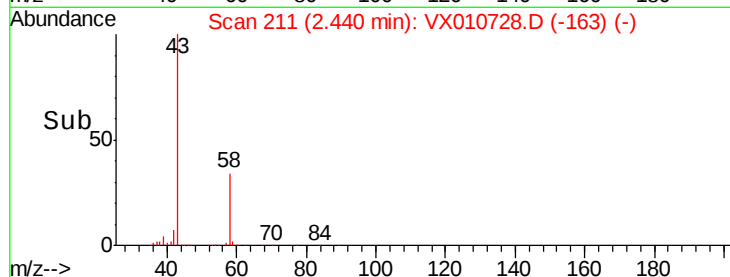
30000

20000

10000

0

Time--> 2.35 2.40 2.45 2.50



#31

Cyclohexane

Concen: 0.787 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

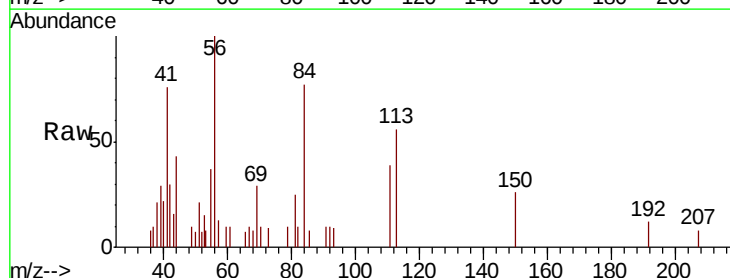
Tgt Ion: 56 Resp: 2360

Ion Ratio Lower Upper

56 100

69 29.2 25.9 38.9

84 77.4 78.0 117.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

3000

2500

2000

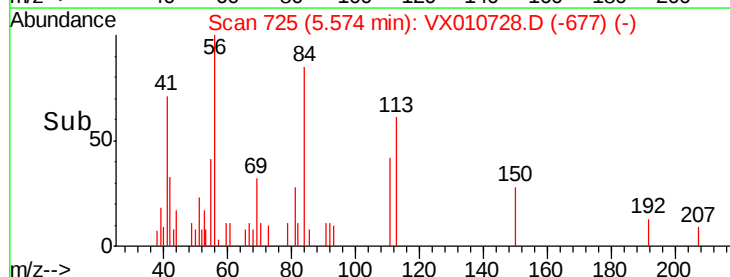
1500

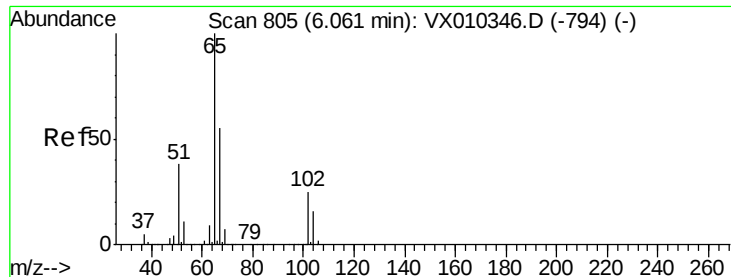
1000

500

0

Time--> 5.50 5.55 5.60 5.65





#33

1,2-Dichloroethane-d4

Concen: 54.680 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

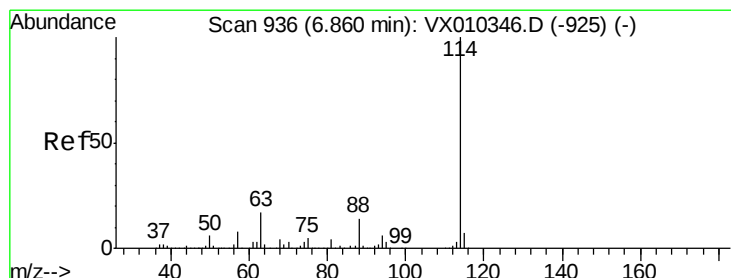
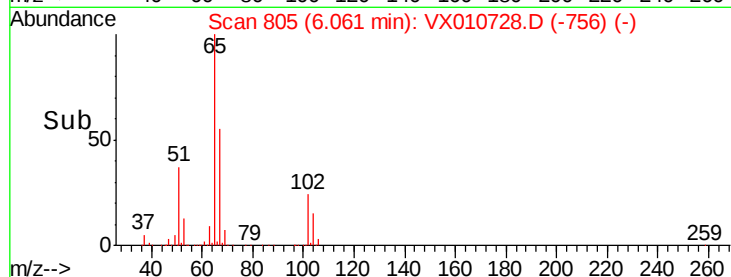
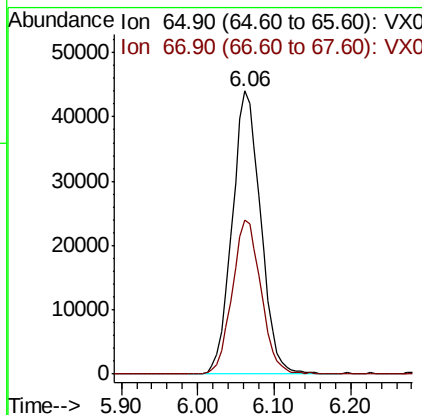
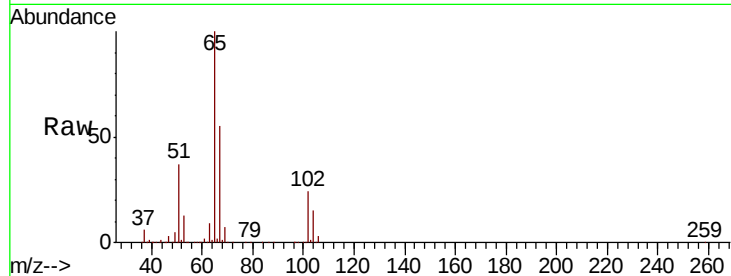
SS038MW009-190703

Tgt Ion: 65 Resp: 113579

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

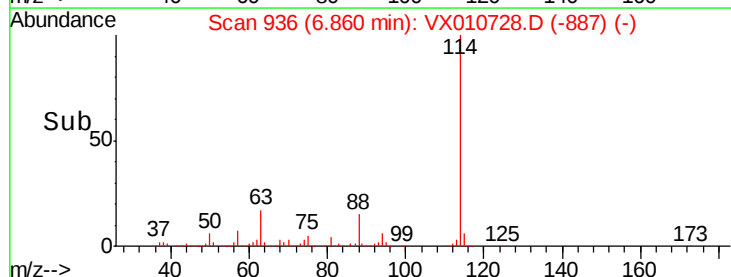
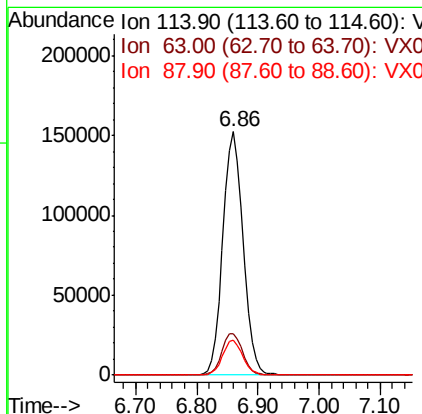
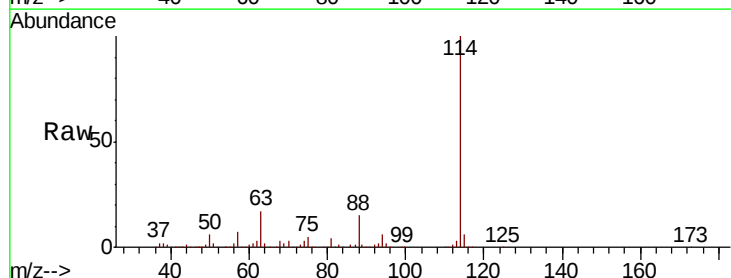
Tgt Ion: 114 Resp: 351158

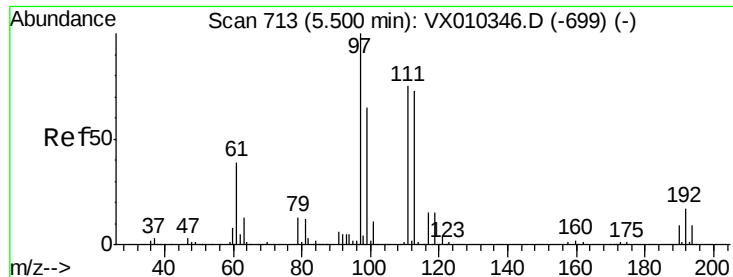
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

88 14.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.886 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190703

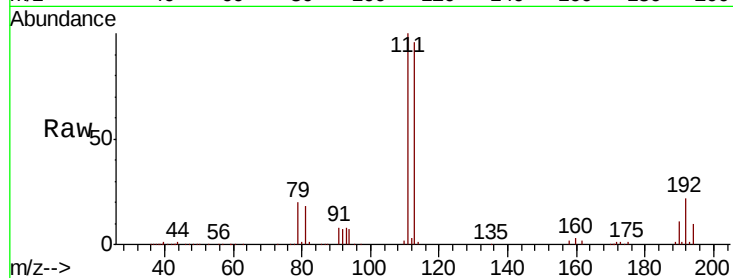
Tgt Ion:113 Resp: 107181

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

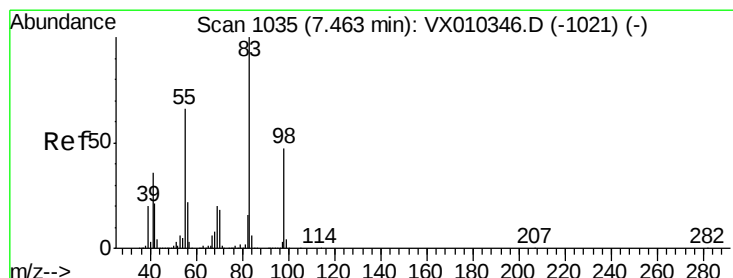
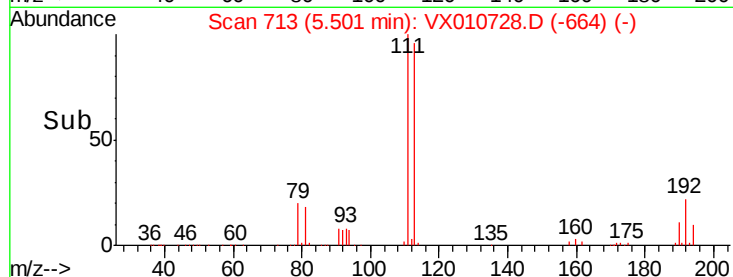
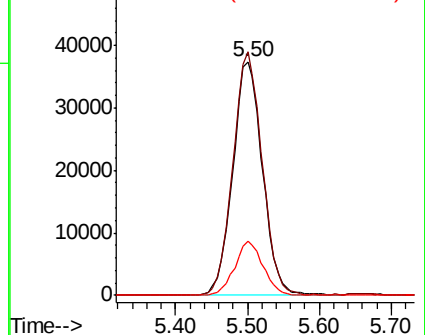
192 22.2 18.6 27.8



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



#39

Methylcyclohexane

Concen: 0.761 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

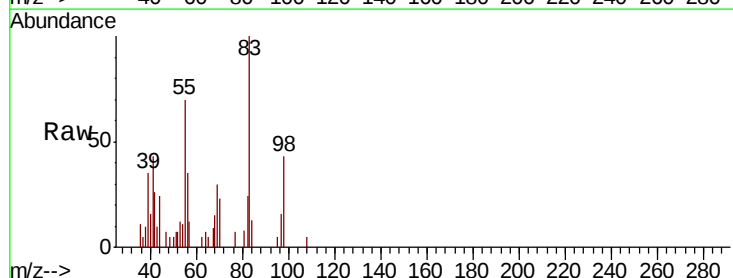
Tgt Ion: 83 Resp: 2790

Ion Ratio Lower Upper

83 100

55 70.3 53.0 79.6

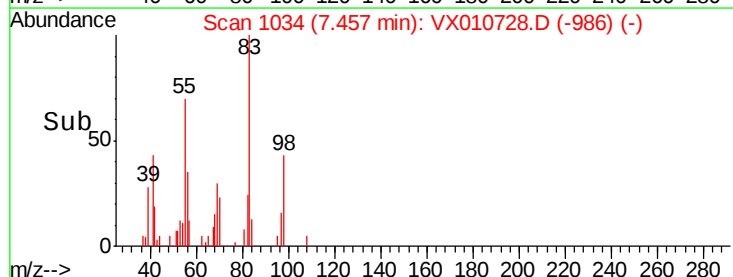
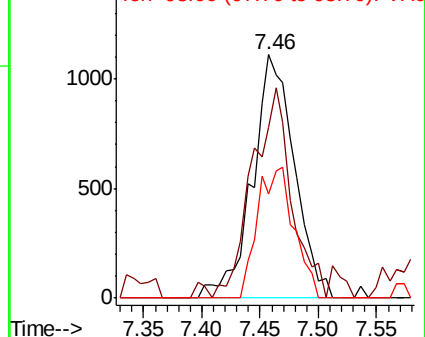
98 42.9 37.8 56.8

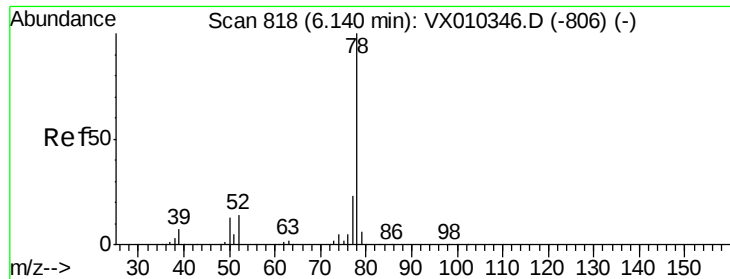


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

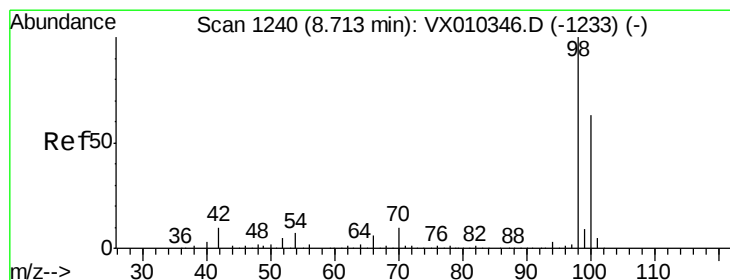
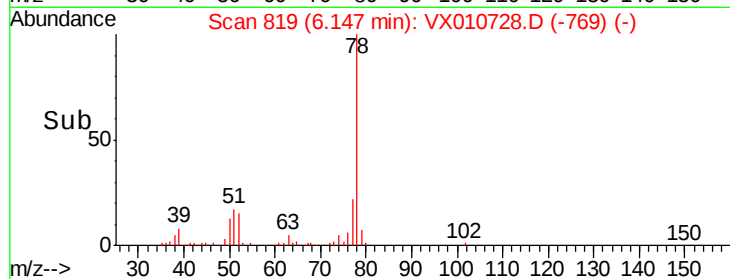
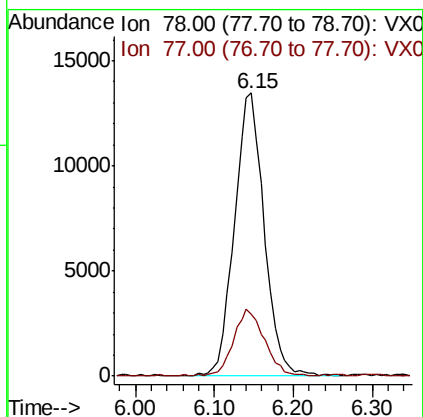
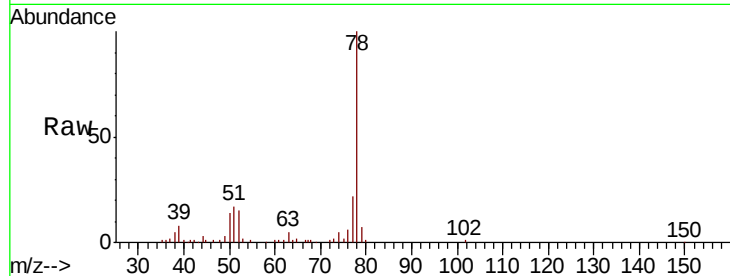




#40
Benzene
Concen: 4.067 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

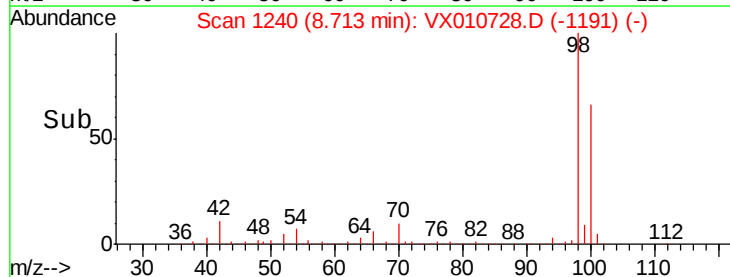
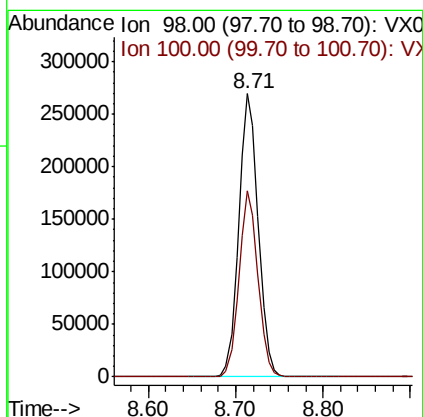
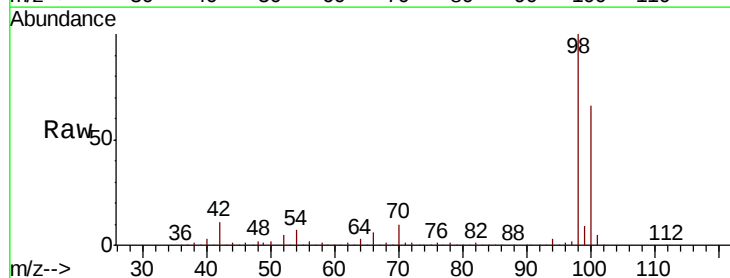
Instrument :
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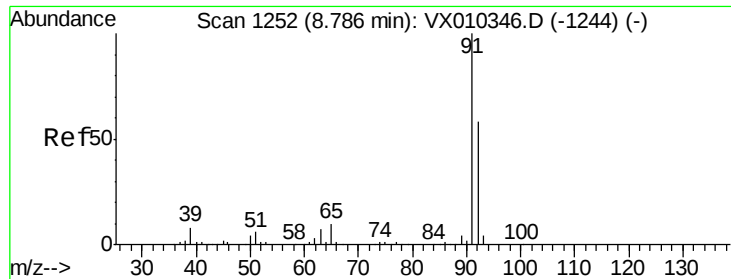
Tgt Ion: 78 Resp: 35360
Ion Ratio Lower Upper
78 100
77 21.7 18.6 28.0



#50
Toluene-d8
Concen: 50.839 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

Tgt Ion: 98 Resp: 417889
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#52

Toluene

Concen: 0.329 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

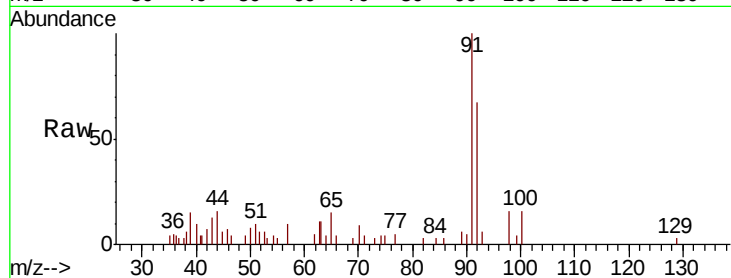
SS038MW009-190703

Tgt Ion: 92 Resp: 1885

Ion Ratio Lower Upper

92 100

91 167.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

2000

1500

1000

500

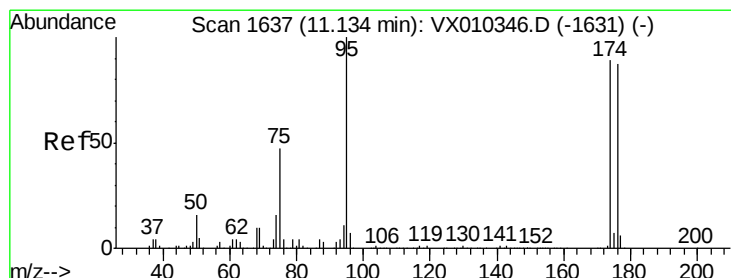
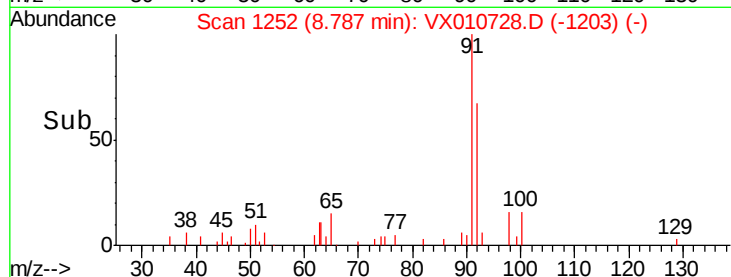
0

8.75

8.80

8.85

Time-->



#62

4-Bromofluorobenzene

Concen: 50.823 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

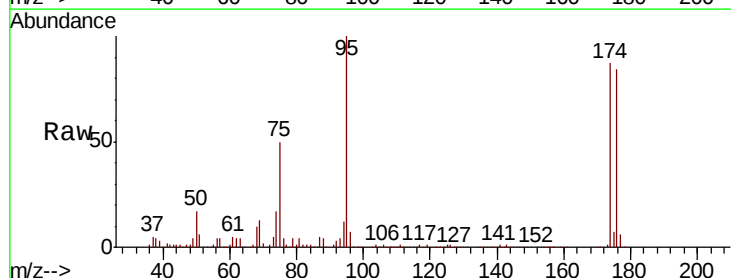
Tgt Ion: 95 Resp: 150821

Ion Ratio Lower Upper

95 100

174 92.9 0.0 187.6

176 91.0 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

100000

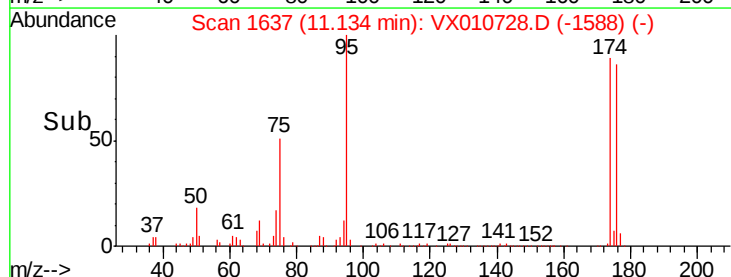
50000

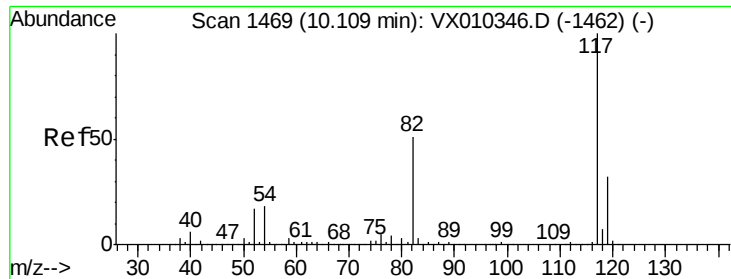
0

11.10

11.15

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

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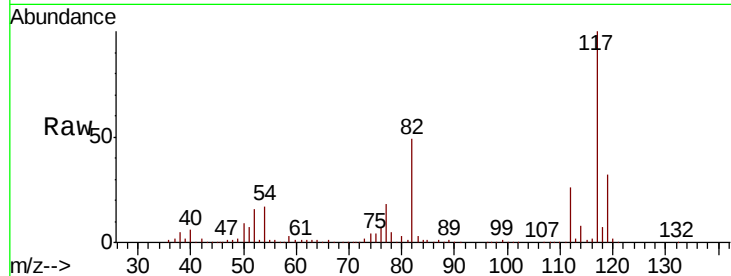
Tgt Ion:117 Resp: 326431

Ion Ratio Lower Upper

117 100

82 48.8 41.2 61.8

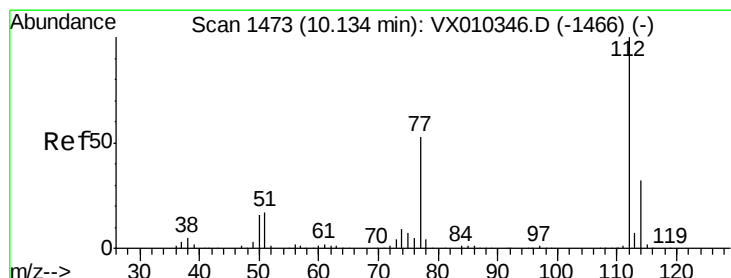
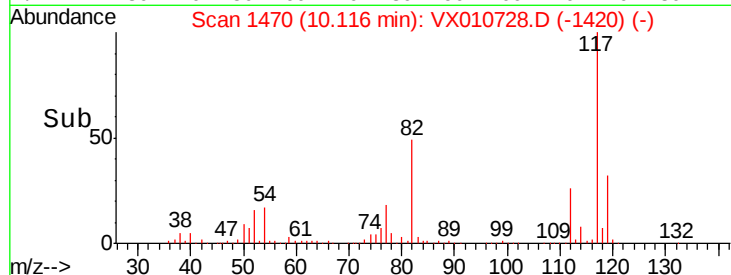
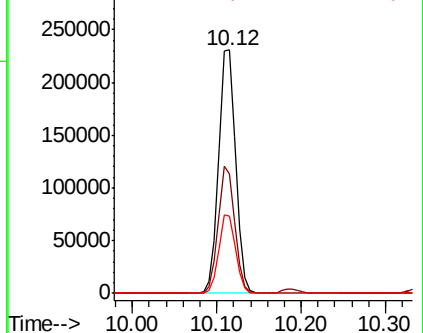
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 341.581 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010728.D

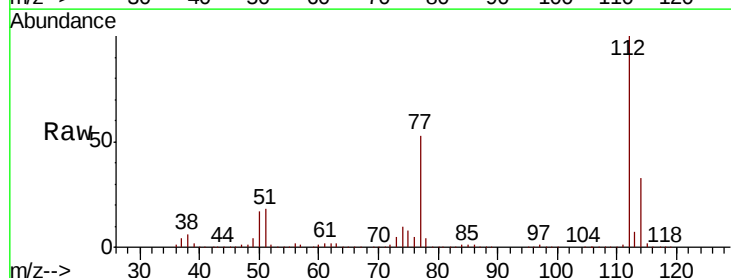
Acq: 09 Jul 2019 04:40

Tgt Ion:112 Resp: 2263715

Ion Ratio Lower Upper

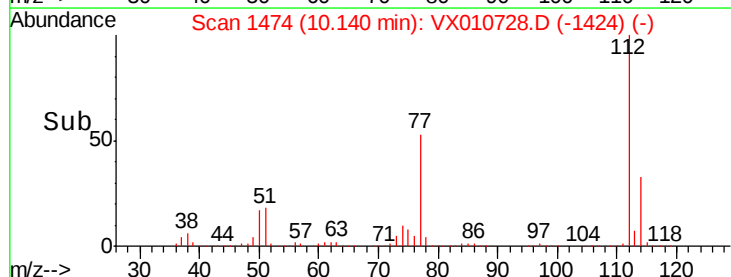
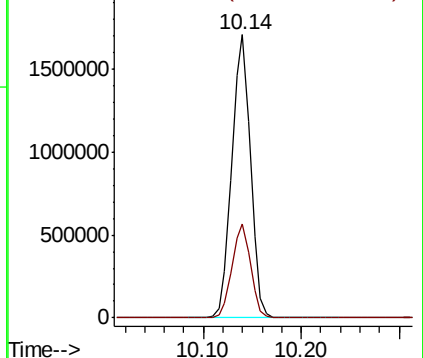
112 100

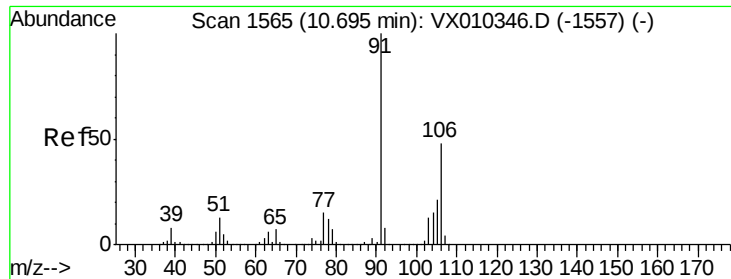
114 33.3 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

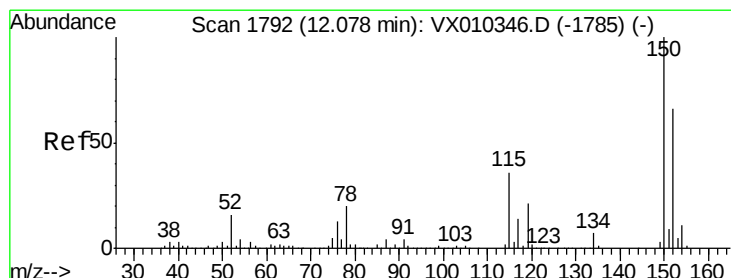
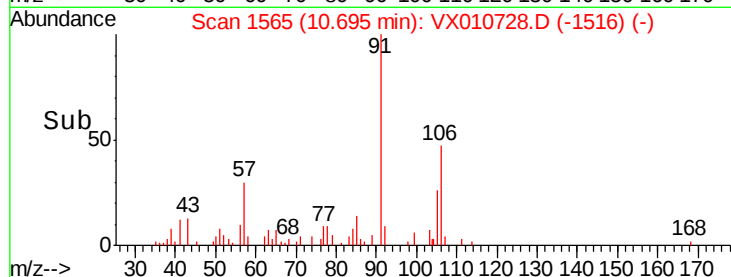
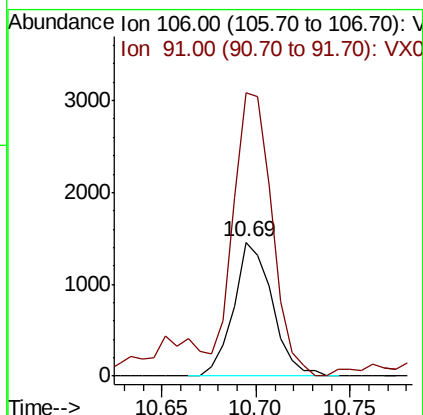
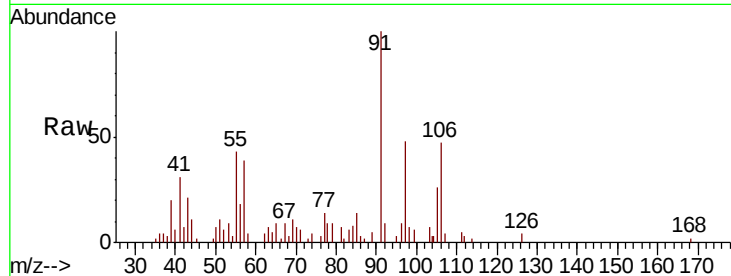




#69
o-Xylene
Concen: 0.486 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

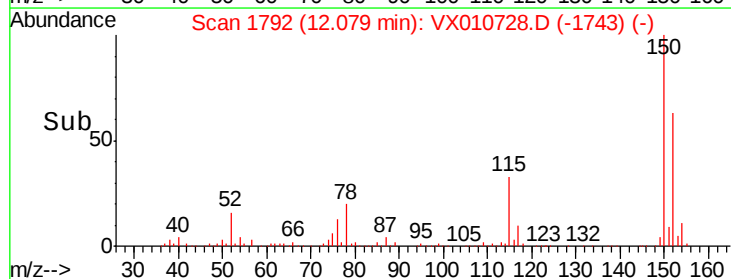
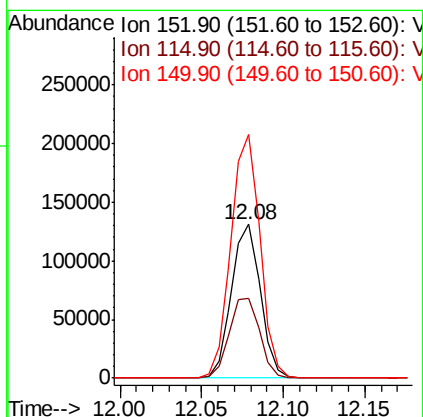
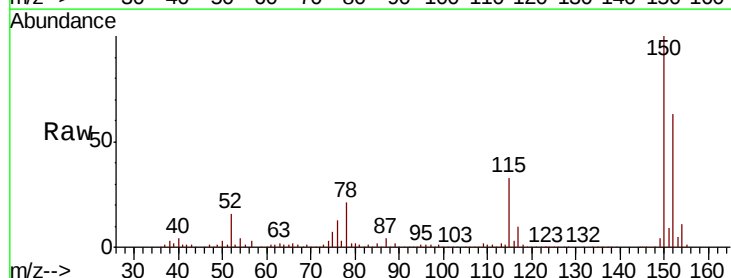
Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190703

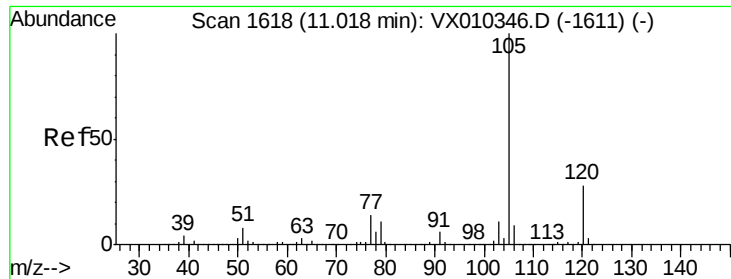
Tgt Ion:106 Resp: 2071
Ion Ratio Lower Upper
106 100
91 210.6 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

Tgt Ion:152 Resp: 161892
Ion Ratio Lower Upper
152 100
115 55.5 38.6 115.7
150 159.1 0.0 347.4





#73

Isopropylbenzene

Concen: 5.538 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010728.D

Acq: 09 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

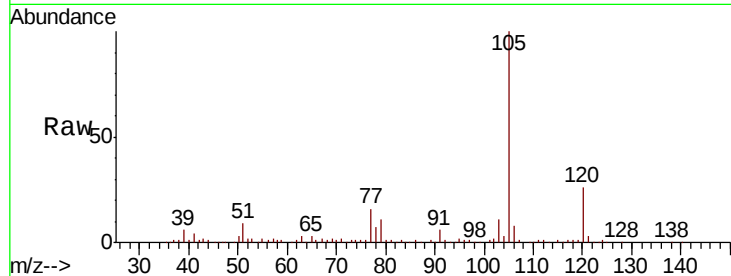
SS038MW009-190703

Tgt Ion: 105 Resp: 60772

Ion Ratio Lower Upper

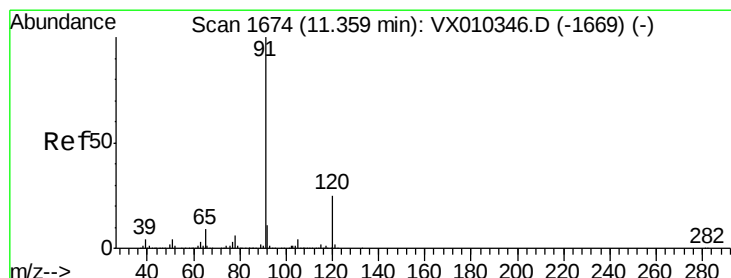
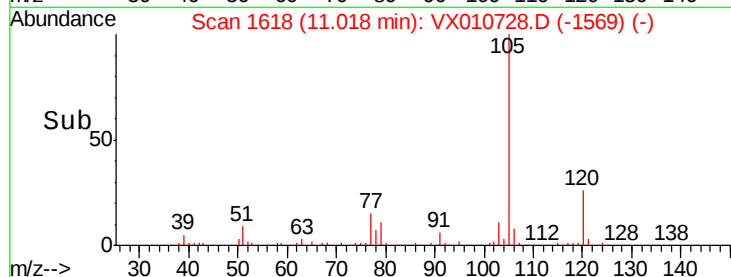
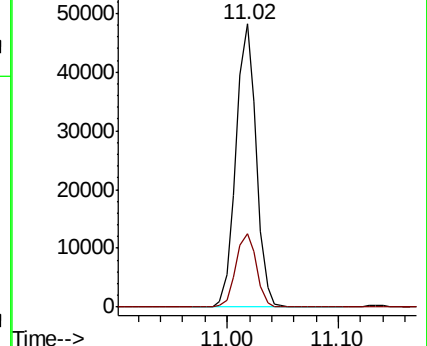
105 100

120 26.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 3.619 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010728.D

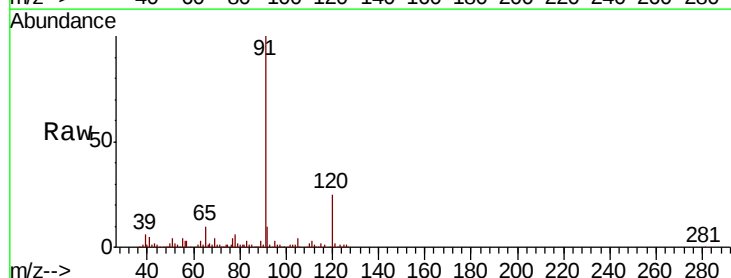
Acq: 09 Jul 2019 04:40

Tgt Ion: 91 Resp: 43650

Ion Ratio Lower Upper

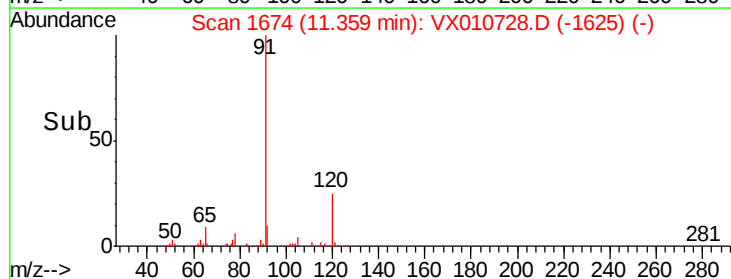
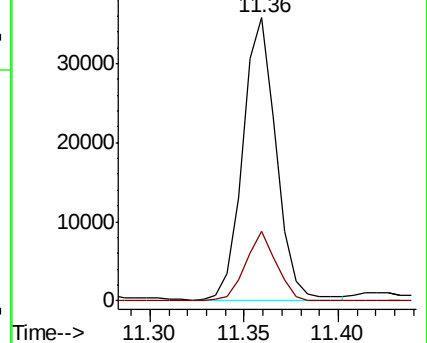
91 100

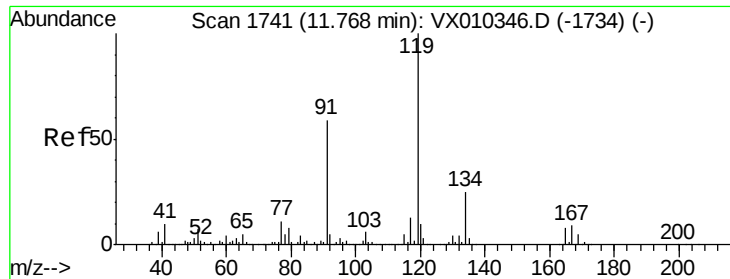
120 22.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

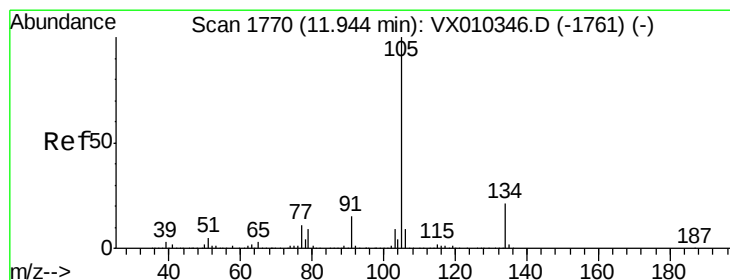
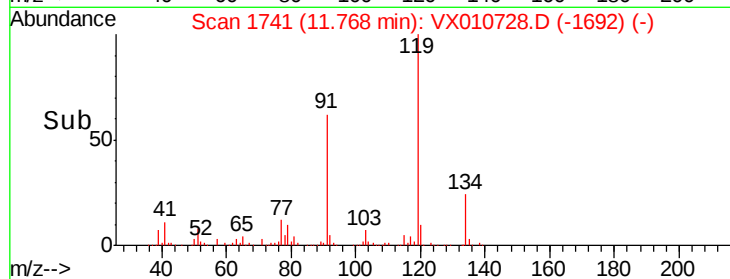
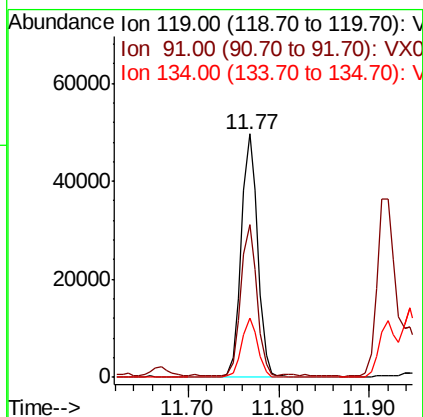
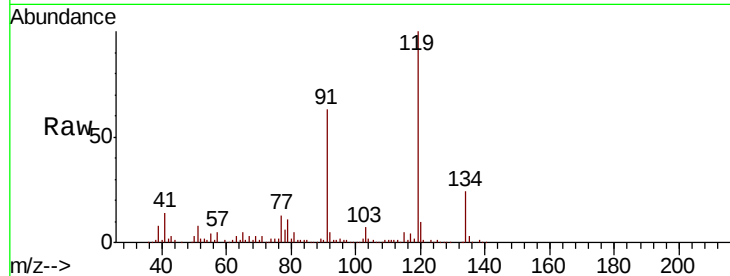




#83
tert-Butylbenzene
Concen: 6.875 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190703

Tgt Ion:119 Resp: 62429
Ion Ratio Lower Upper
119 100
91 60.9 27.6 82.7
134 24.0 11.8 35.4



#85
sec-Butylbenzene
Concen: 7.294 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010728.D
Acq: 09 Jul 2019 04:40

Tgt Ion:105 Resp: 77768
Ion Ratio Lower Upper
105 100
134 19.1 10.7 31.9

