

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050733.D
 Acq On : 17 Aug 2018 16:27
 Operator : MD\SY
 Sample : J4545-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-BASELINE-WATER

Quant Time: Aug 20 09:27:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	617416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1001200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355220	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	410196	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
35) Dibromofluoromethane	7.59	113	382303	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	10.09	98	1409058	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
62) 4-Bromofluorobenzene	12.40	95	432636	43.53	ug/l	0.00
Spiked Amount			Recovery	=	87.06%	

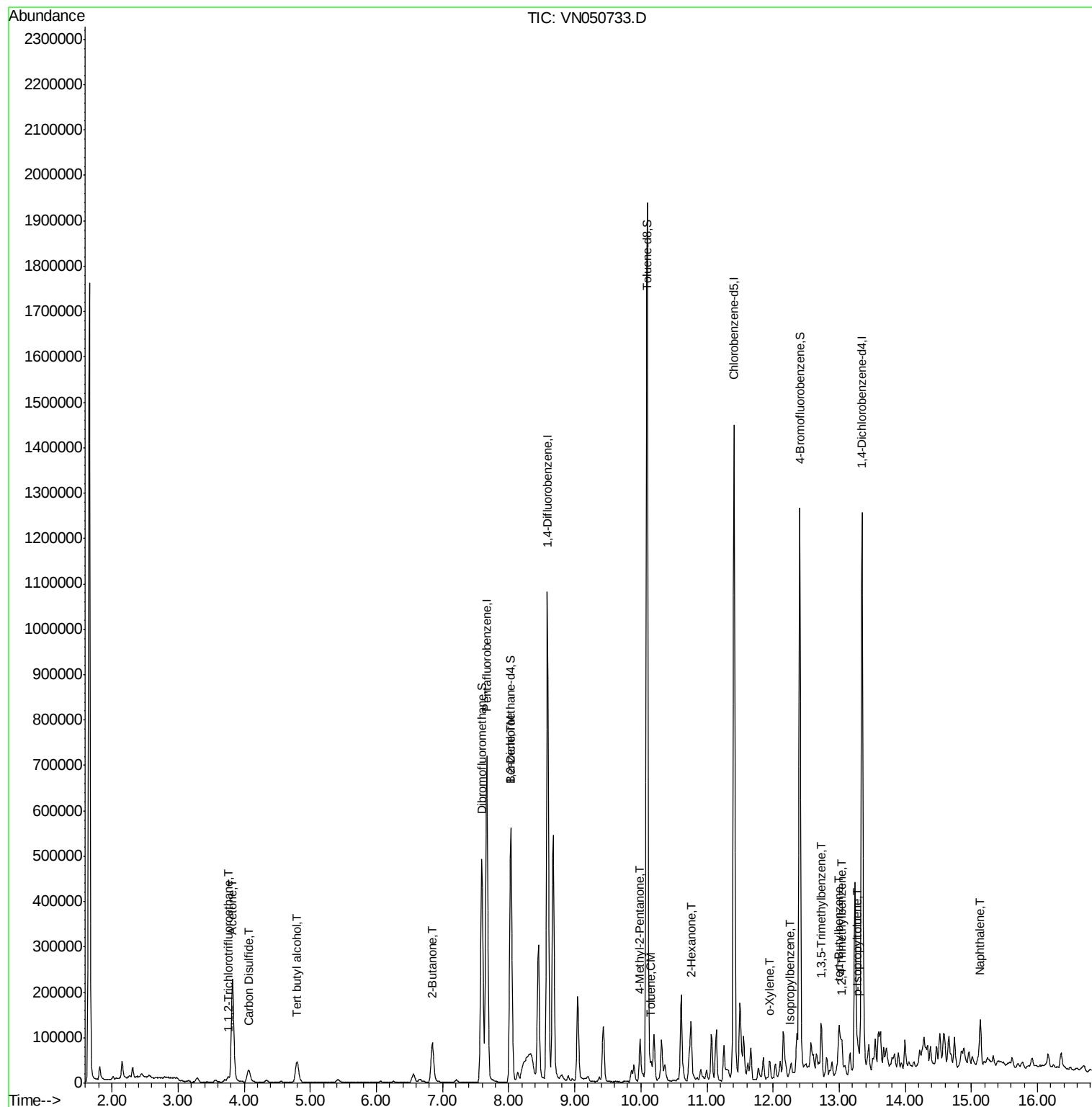
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.76	101	8087	1.10	ug/l	# 89
11) Tert butyl alcohol	4.80	59	80673	189.84	ug/l	98
16) Acetone	3.82	43	383986	197.30	ug/l	100
17) Carbon Disulfide	4.05	76	29437	1.40	ug/l	99
25) 2-Butanone	6.84	43	157095	49.23	ug/l	99
40) Benzene	8.04	78	123939	3.66	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	68022	8.76	ug/l	93
52) Toluene	10.16	92	13415	0.66	ug/l	96
59) 2-Hexanone	10.76	43	63143	12.60	ug/l	72
69) o-Xylene	11.95	106	8519	0.66	ug/l	95
73) Isopropylbenzene	12.25	105	9063	0.33	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	12560	0.57	ug/l	99
83) tert-Butylbenzene	12.99	119	46148	2.39	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	39484	1.77	ug/l	99
86) p-Isopropyltoluene	13.29	119	5337	0.25	ug/l	90
95) Naphthalene	15.13	128	85163	9.61	ug/l	98

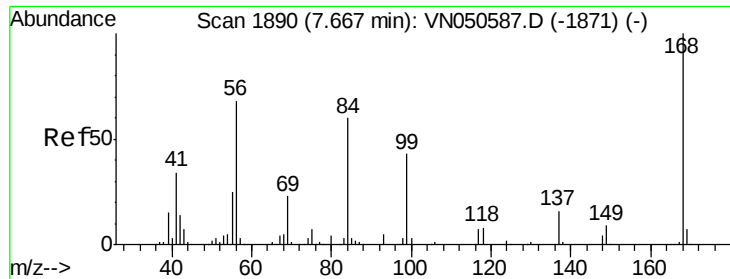
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

ClientSampleId :

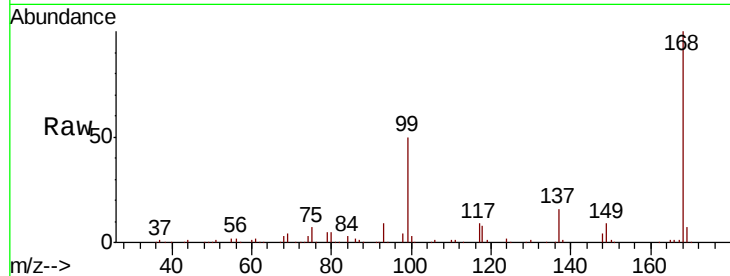
RB-BASELINE-WATER

Tot Ion:168 Resp: 617416

Ion Ratio Lower Upper

168 100

99 50.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

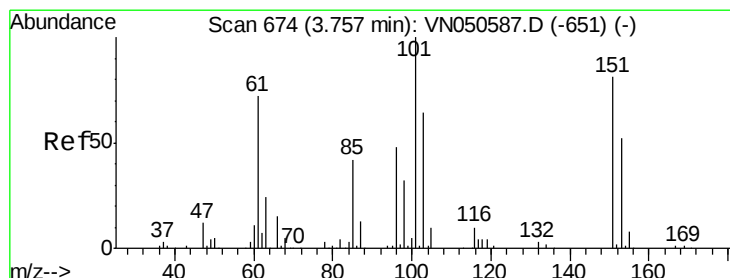
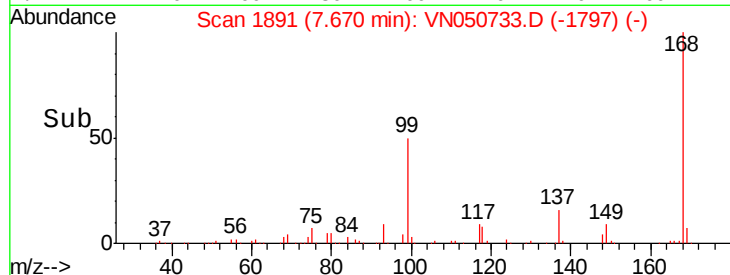
100000

50000

0

Time-->

7.60 7.70 7.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.10 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

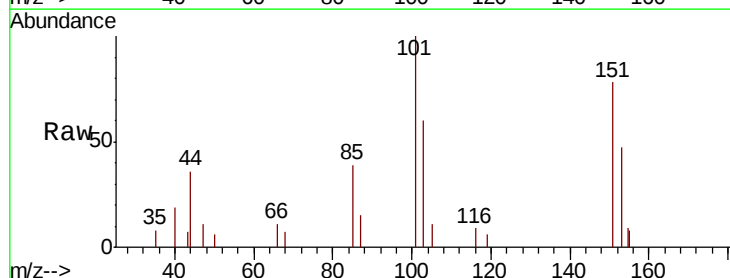
Tgt Ion:101 Resp: 8087

Ion Ratio Lower Upper

101 100

85 24.0 33.4 50.0#

151 84.9 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

3.76

4000

3000

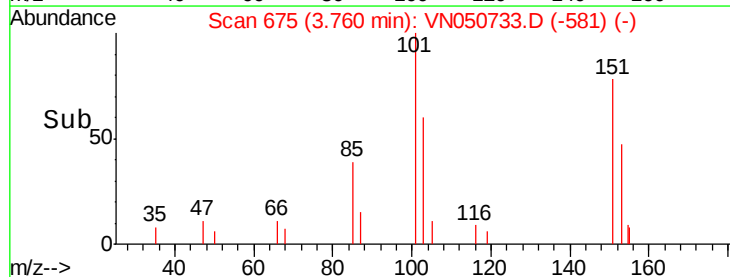
2000

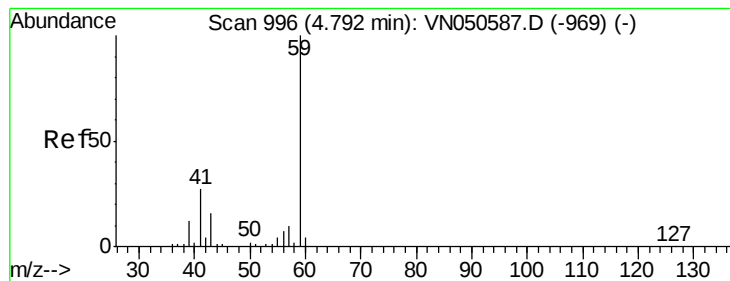
1000

0

Time-->

3.70 3.75 3.80



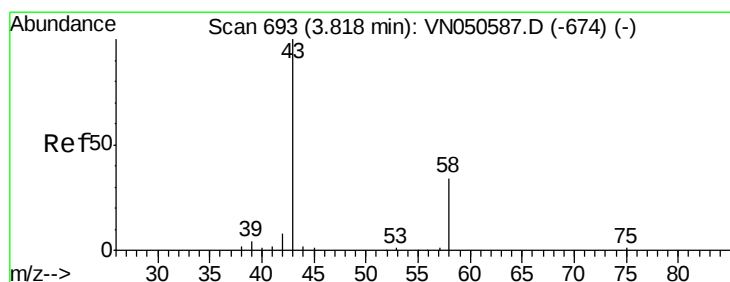
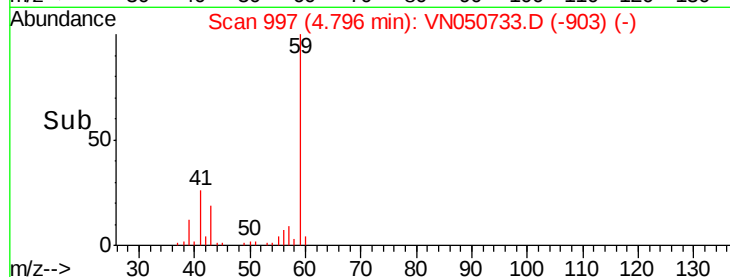
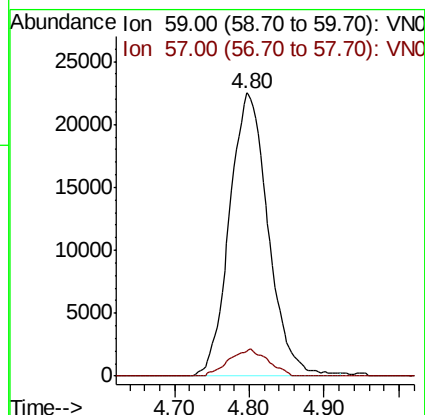
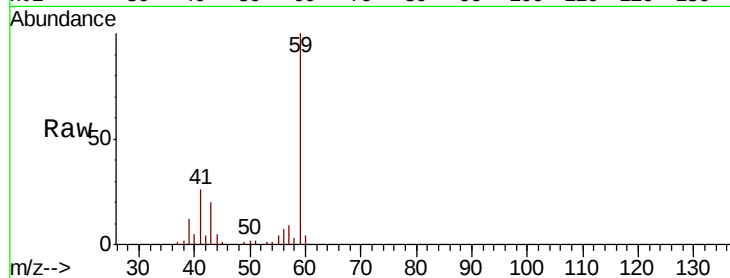


#11

Tert butyl alcohol
 Concen: 189.84 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-BASELINE-WATER

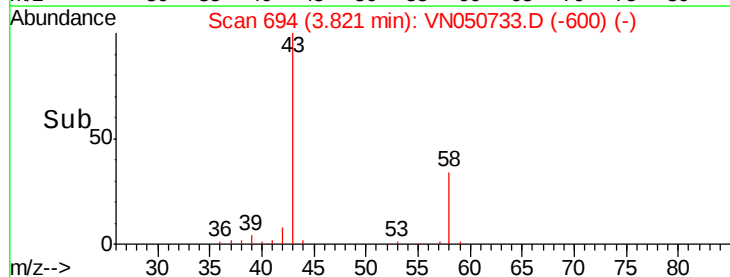
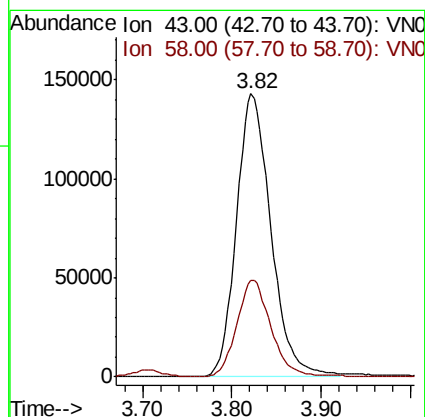
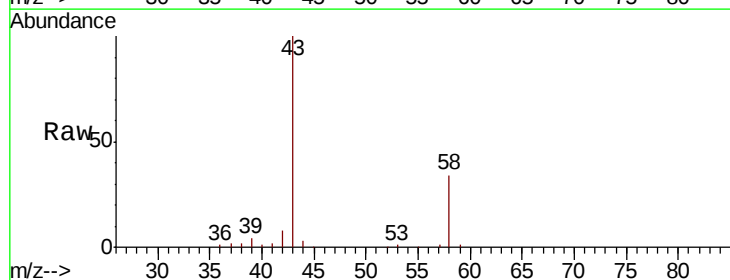
Tot Ion: 59 Resp: 80673
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.4 12.6

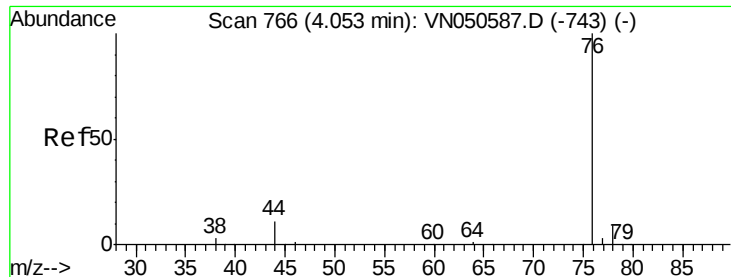


#16

Acetone
 Concen: 197.30 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Tgt Ion: 43 Resp: 383986
 Ion Ratio Lower Upper
 43 100
 58 33.8 27.1 40.7

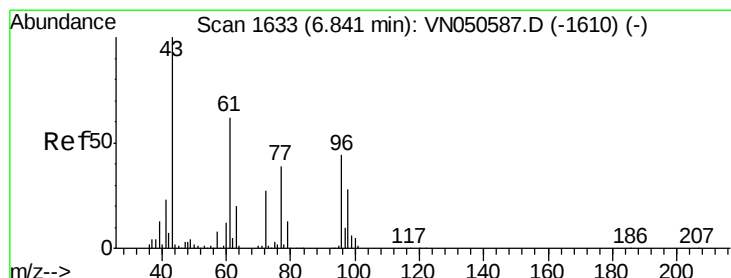
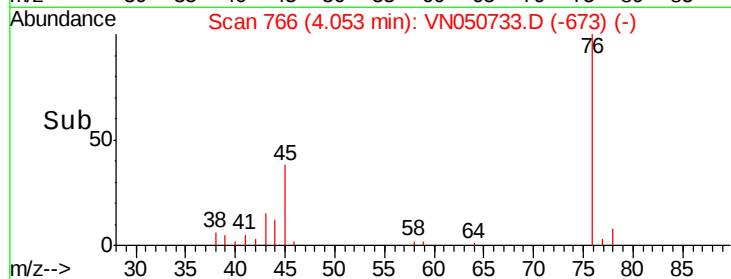
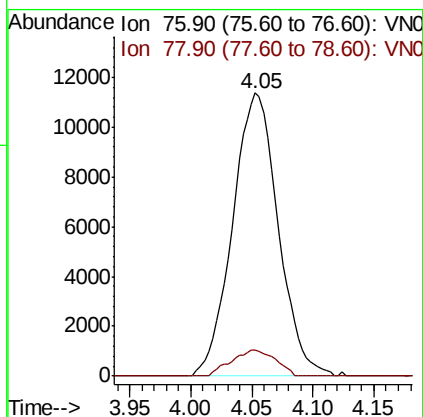
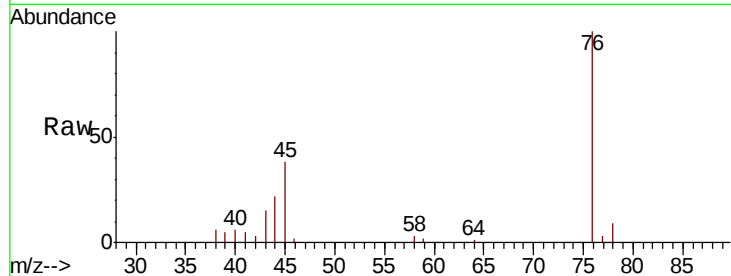




#17
Carbon Disulfide
Concen: 1.40 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

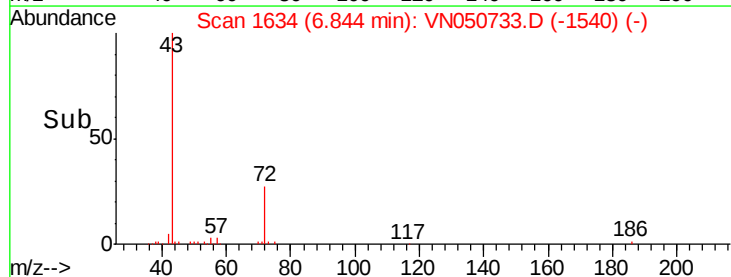
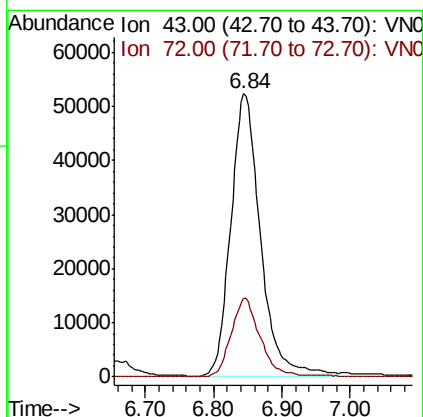
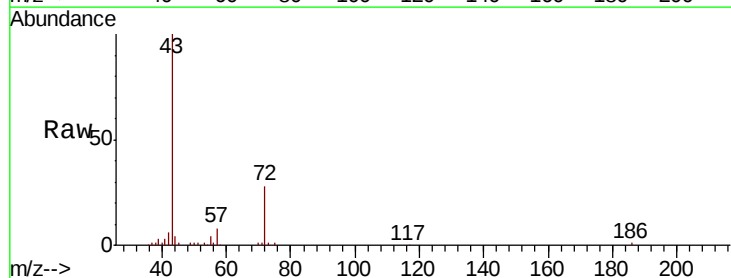
Instrument :
MSVOA_N
ClientSampleId :
RB-BASELINE-WATER

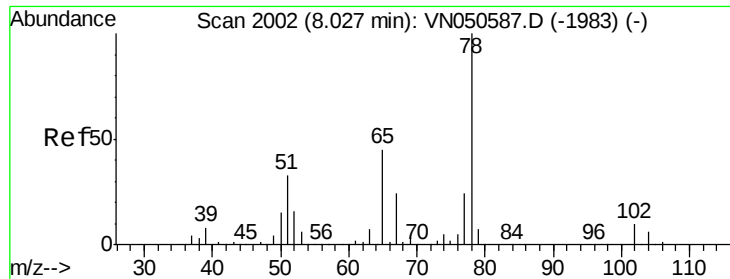
Tot Ion: 76 Resp: 29437
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#25
2-Butanone
Concen: 49.23 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 43 Resp: 157095
Ion Ratio Lower Upper
43 100
72 27.7 21.8 32.6

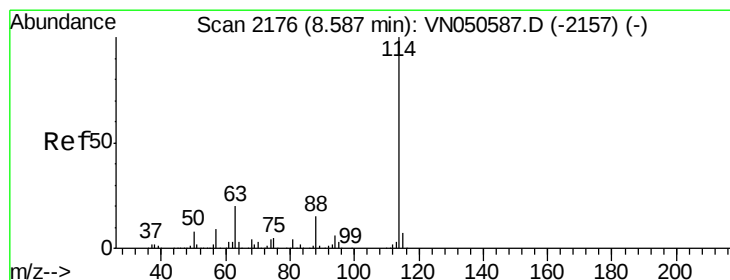
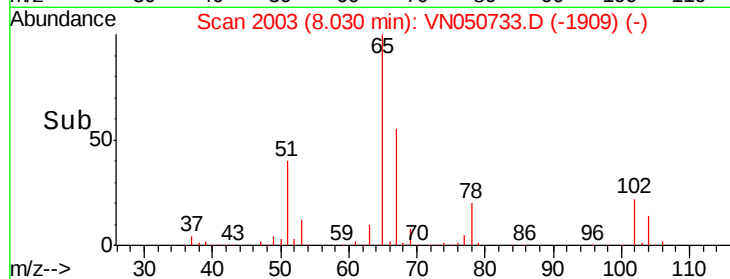
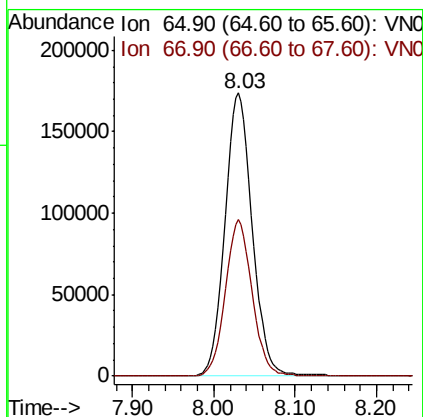
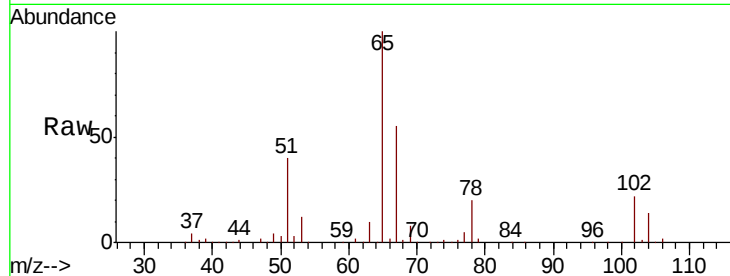




#33
 1,2-Dichloroethane-d4
 Concen: 52.71 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

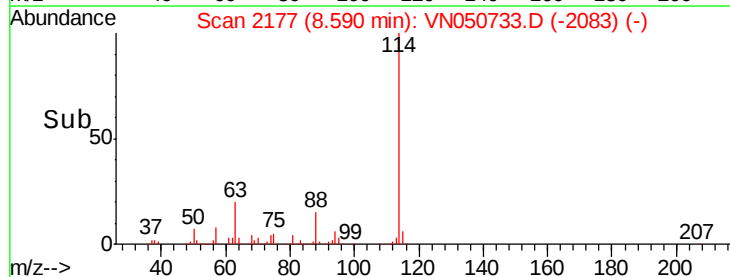
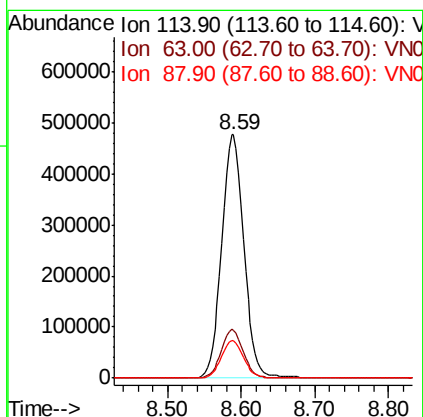
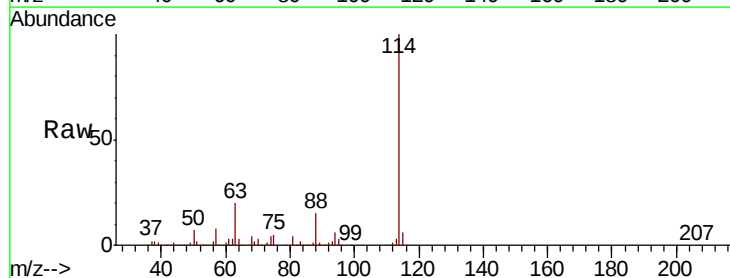
Instrument :
 MSVOA_N
 ClientSampleId :
 RB-BASELINE-WATER

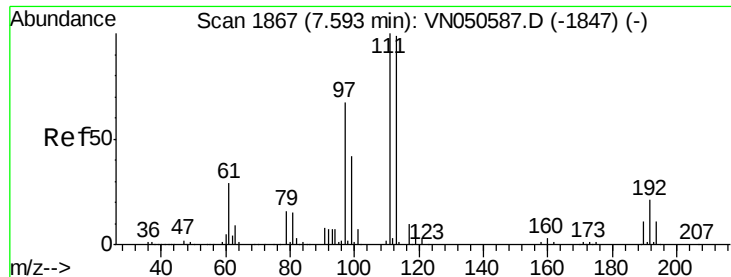
Tot Ion: 65 Resp: 410196
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Tgt Ion: 114 Resp: 1001200
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 30.8

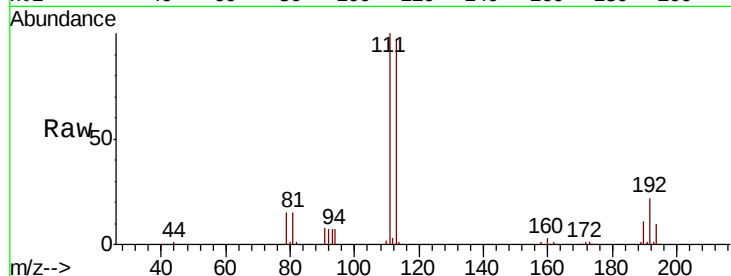




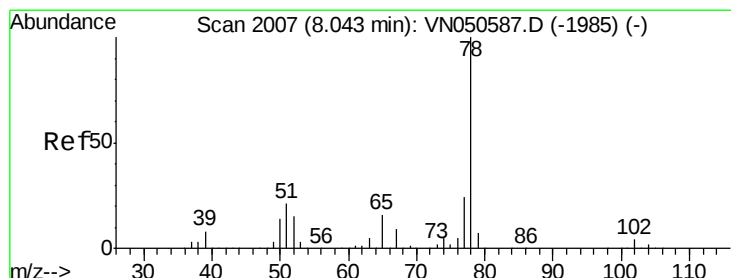
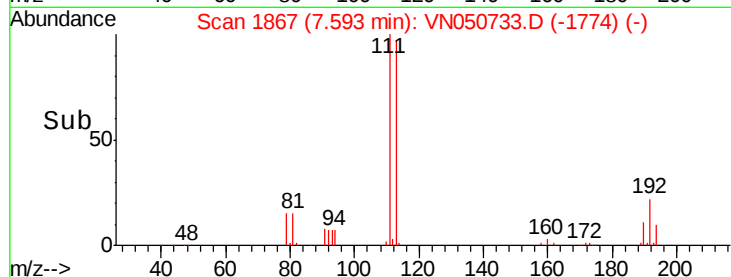
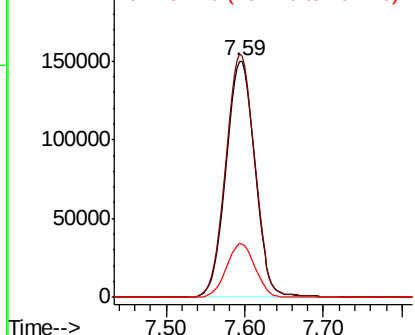
#35
Dibromofluoromethane
Concen: 47.83 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Instrument :
MSVOA_N
ClientSampleId :
RB-BASELINE-WATER

Tot Ion:113 Resp: 382303
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.6
192 22.5 17.6 26.4

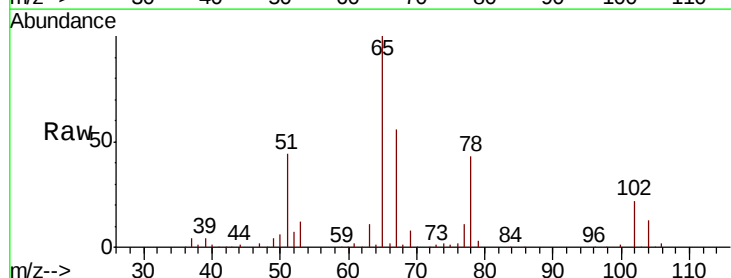


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

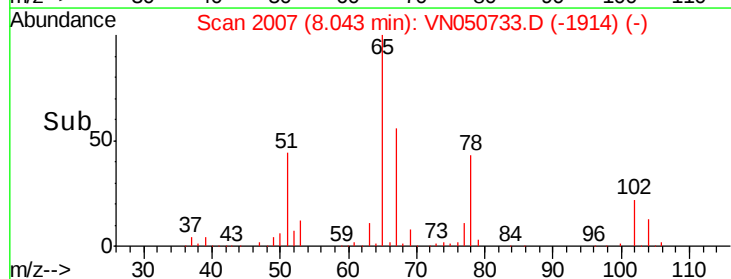
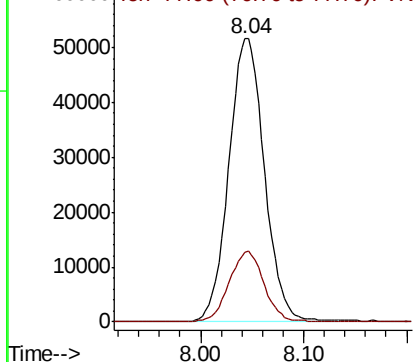


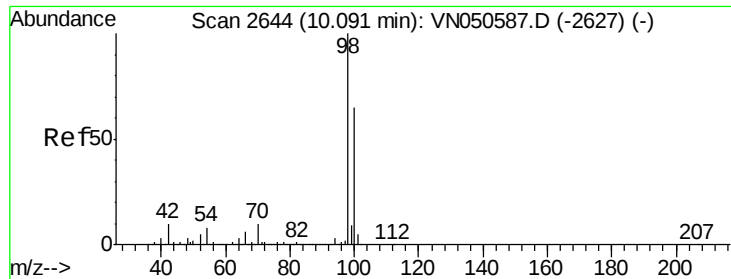
#40
Benzene
Concen: 3.66 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 78 Resp: 123939
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

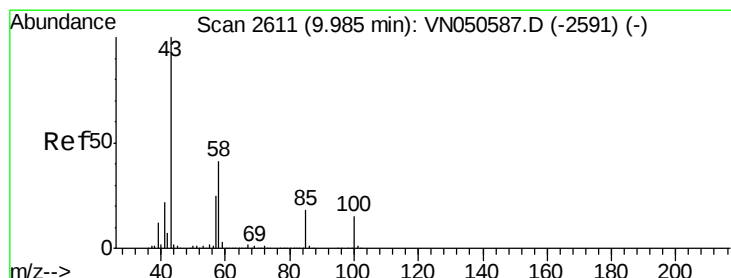
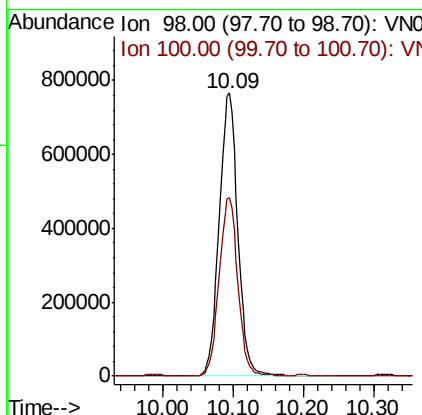
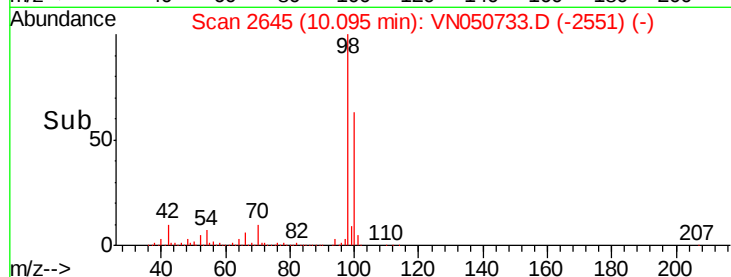
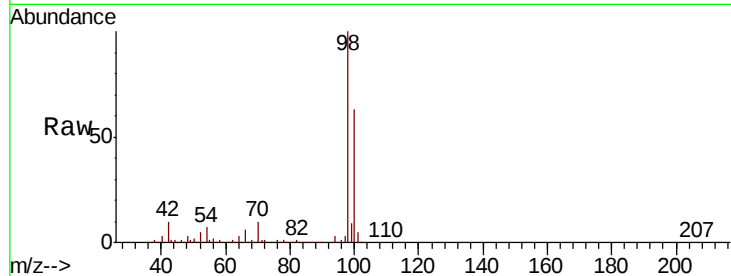




#50
Toluene-d8
Concen: 46.84 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

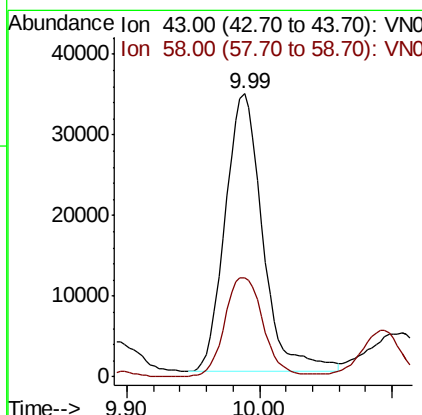
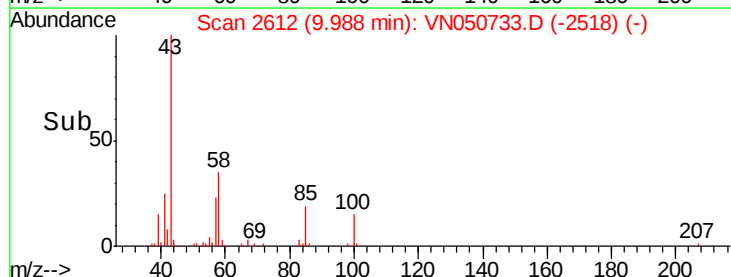
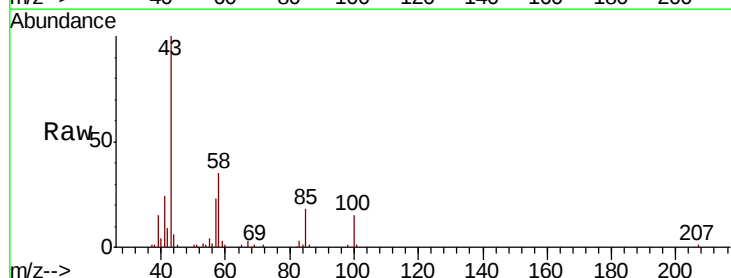
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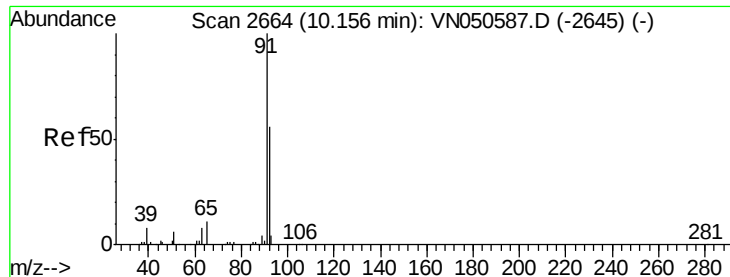
Tot Ion: 98 Resp: 1409058
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 8.76 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion: 43 Resp: 68022
Ion Ratio Lower Upper
43 100
58 36.5 32.5 48.7





#52

Toluene

Concen: 0.66 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

ClientSampleId :

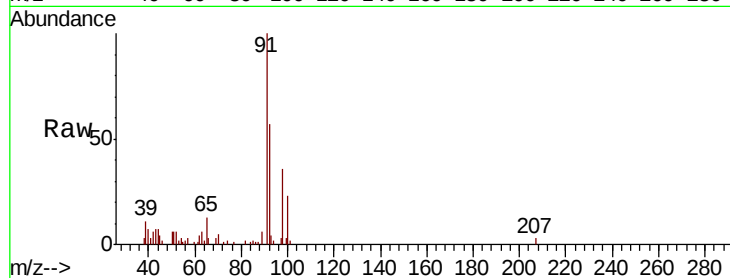
RB-BASELINE-WATER

Tot Ion: 92 Resp: 13415

Ion Ratio Lower Upper

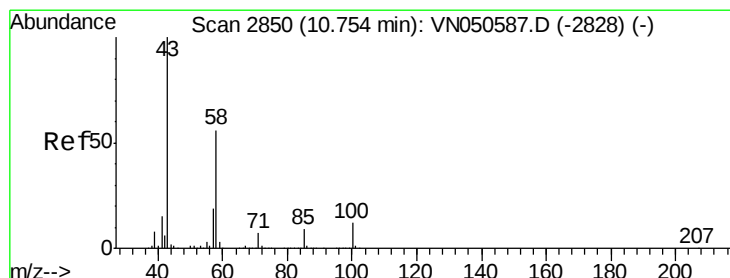
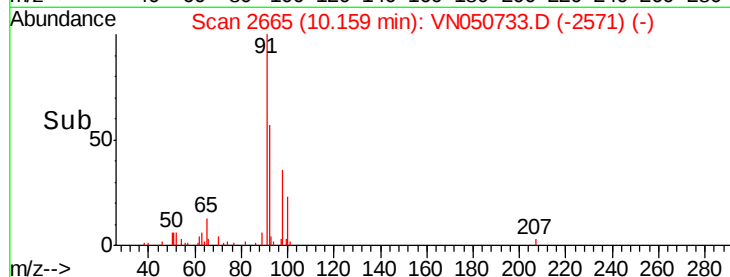
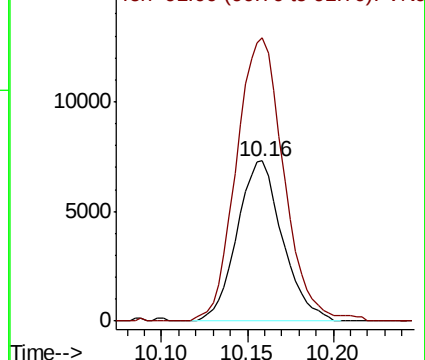
92 100

91 182.9 141.9 212.9



Abundance Ion 92.00 (91.70 to 92.70): VN050733.D (-2665) (-)

Ion 91.00 (90.70 to 91.70): VN050733.D (-2665) (-)



#59

2-Hexanone

Concen: 12.60 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN050733.D

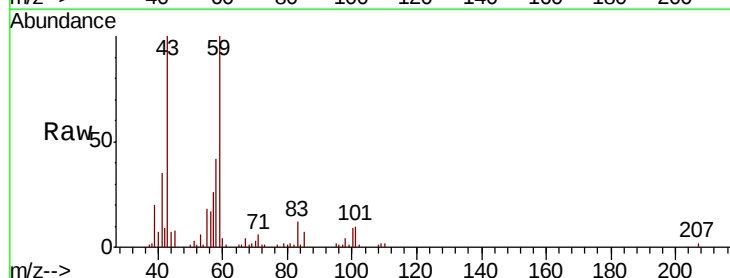
Acq: 17 Aug 2018 16:27

Tgt Ion: 43 Resp: 63143

Ion Ratio Lower Upper

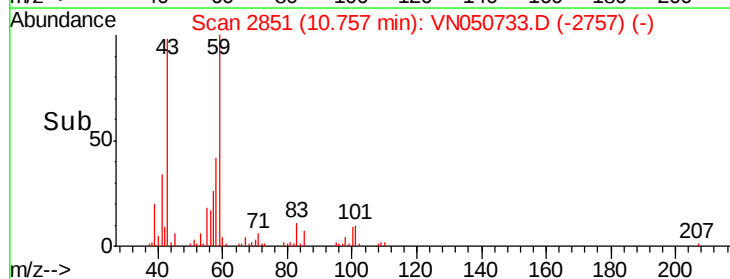
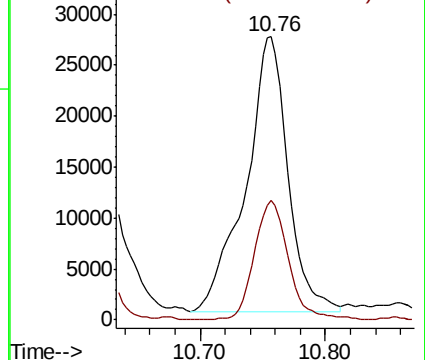
43 100

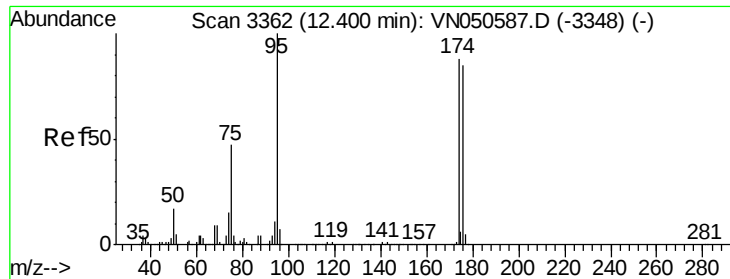
58 35.4 28.0 84.0



Abundance Ion 43.00 (42.70 to 43.70): VN050733.D (-2851) (-)

Ion 58.00 (57.70 to 58.70): VN050733.D (-2851) (-)





#62

4-Bromofluorobenzene

Concen: 43.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

ClientSampleId :

RB-BASELINE-WATER

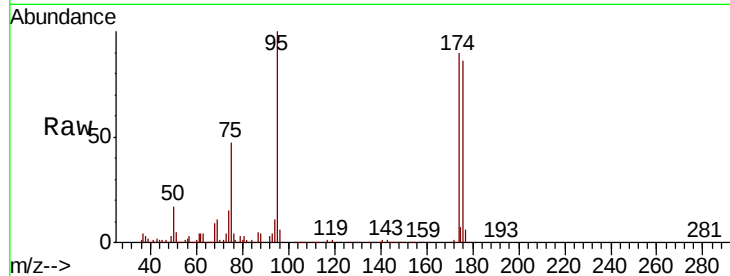
Tot Ion: 95 Resp: 432636

Ion Ratio Lower Upper

95 100

174 87.6 0.0 177.8

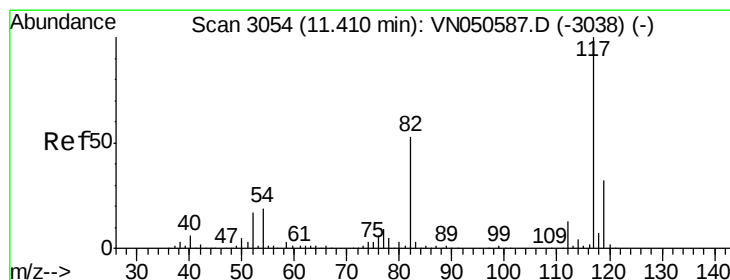
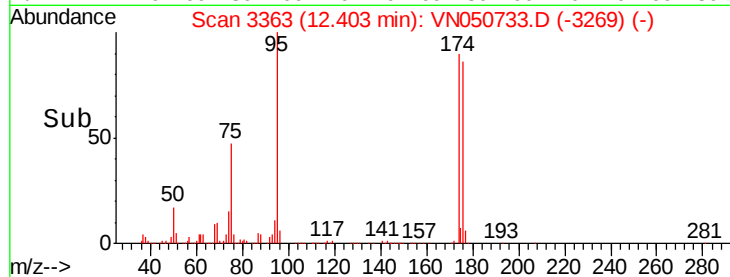
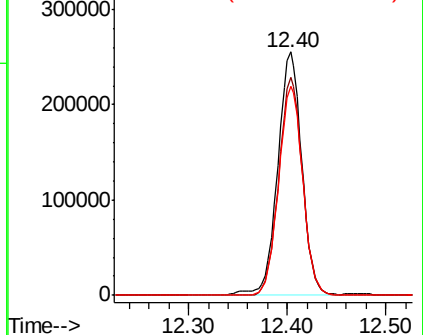
176 85.5 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

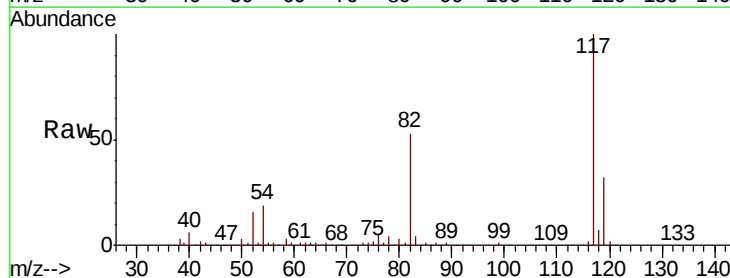
Tgt Ion: 117 Resp: 874420

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

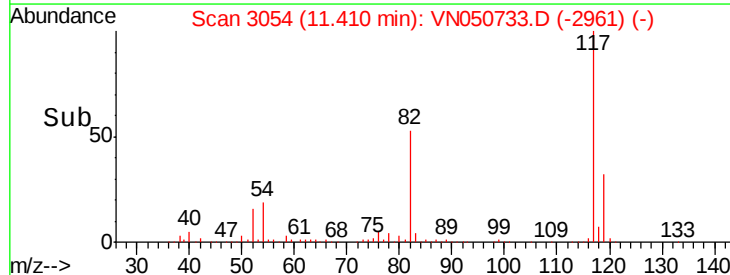
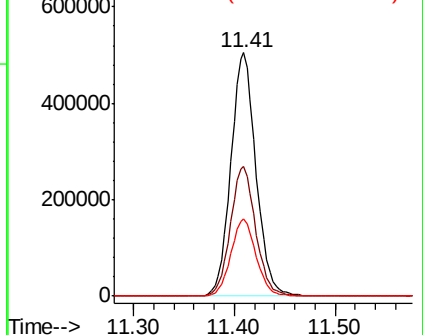
119 31.6 25.8 38.8

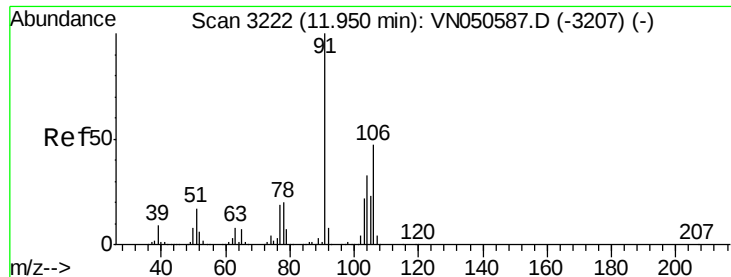


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

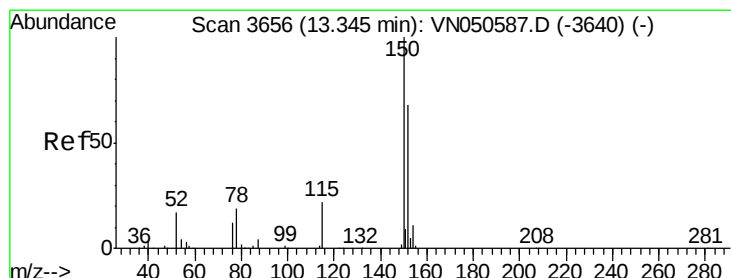
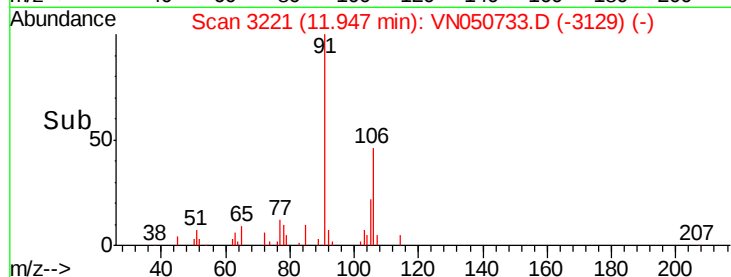
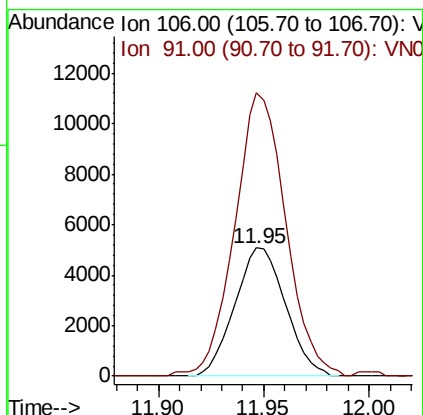
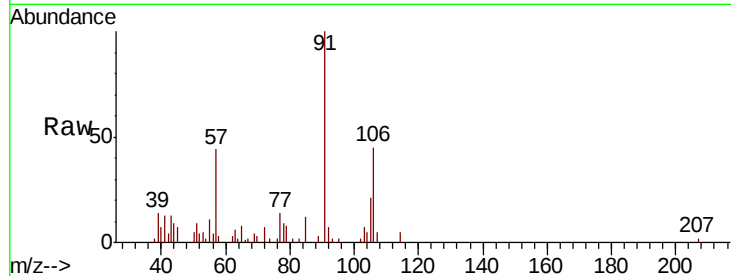




#69
o-Xylene
Concen: 0.66 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

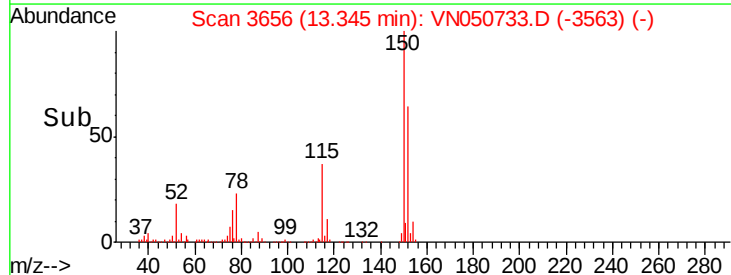
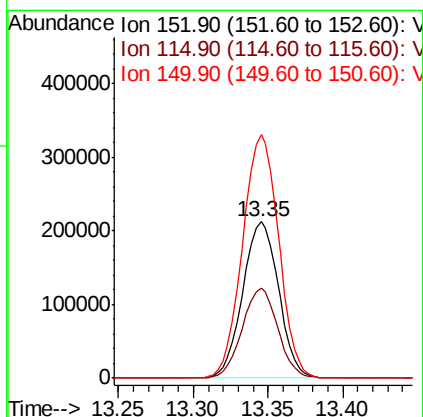
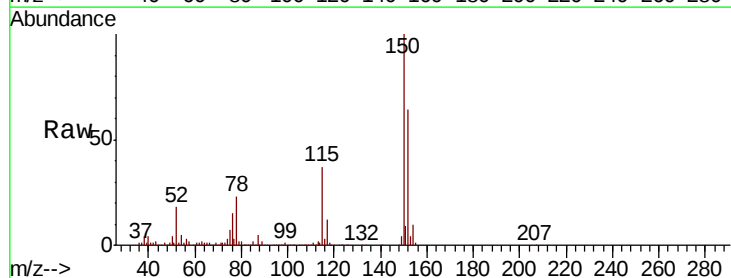
Instrument :
MSVOA_N
ClientSampleId :
RB-BASELINE-WATER

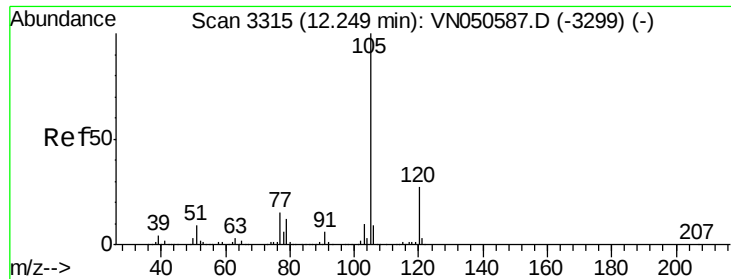
Tot Ion:106 Resp: 8519
Ion Ratio Lower Upper
106 100
91 221.8 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050733.D
Acq: 17 Aug 2018 16:27

Tgt Ion:152 Resp: 355220
Ion Ratio Lower Upper
152 100
115 57.1 28.1 84.2
150 156.5 0.0 347.8





#73

Isopropylbenzene

Concen: 0.33 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050733.D

Acq: 17 Aug 2018 16:27

Instrument :

MSVOA_N

ClientSampleId :

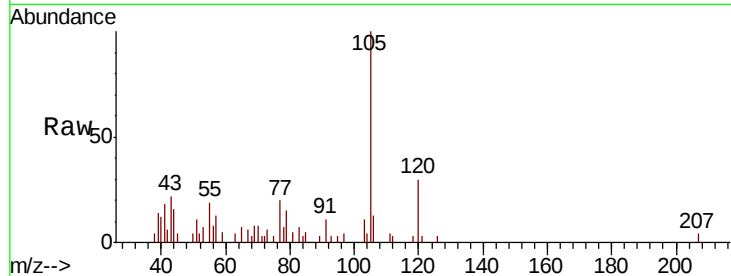
RB-BASELINE-WATER

Tot Ion:105 Resp: 9063

Ion Ratio Lower Upper

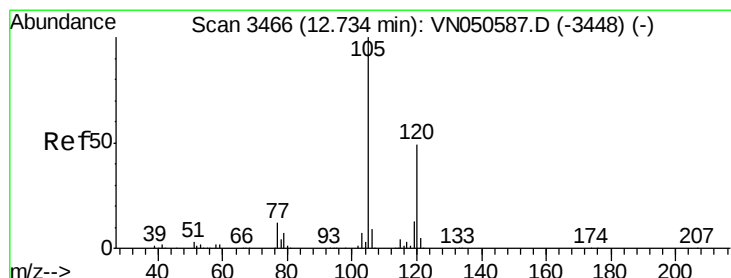
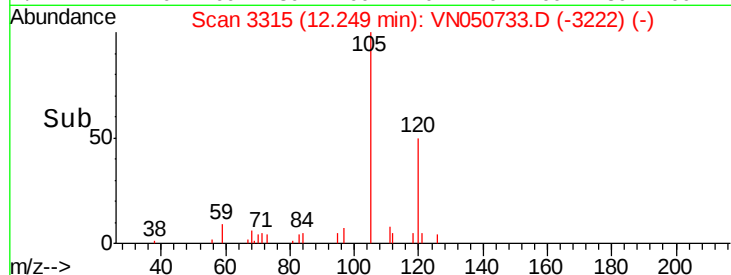
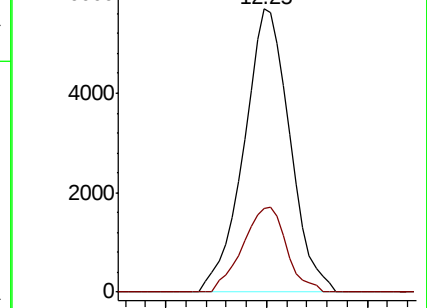
105 100

120 28.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 0.57 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050733.D

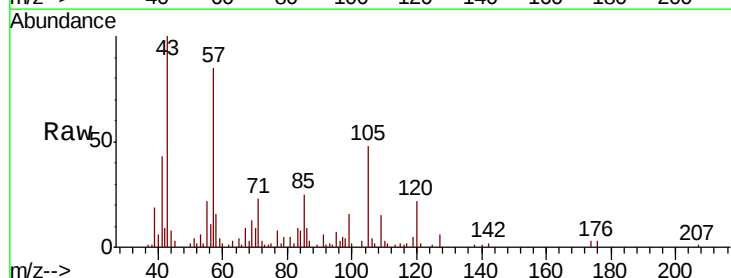
Acq: 17 Aug 2018 16:27

Tgt Ion:105 Resp: 12560

Ion Ratio Lower Upper

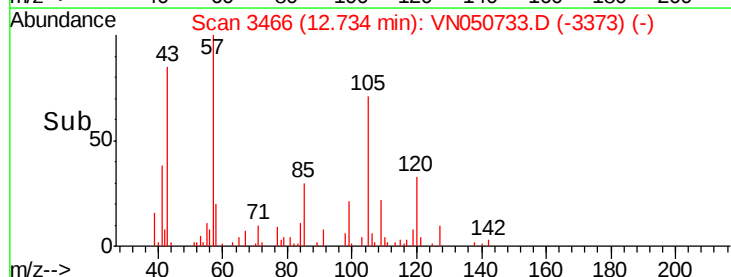
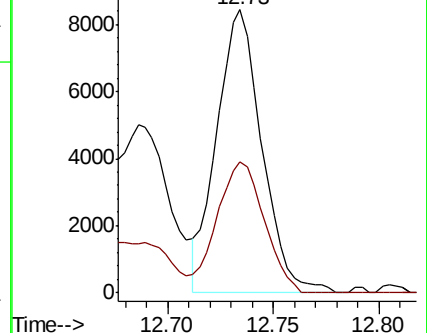
105 100

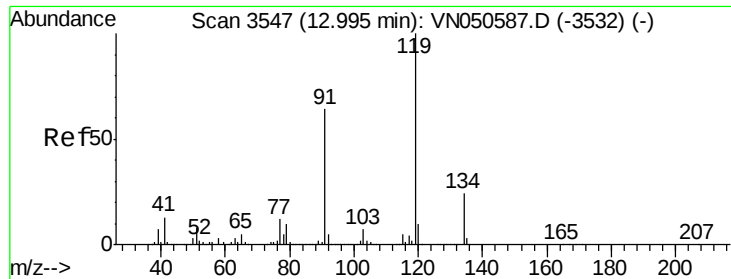
120 48.8 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

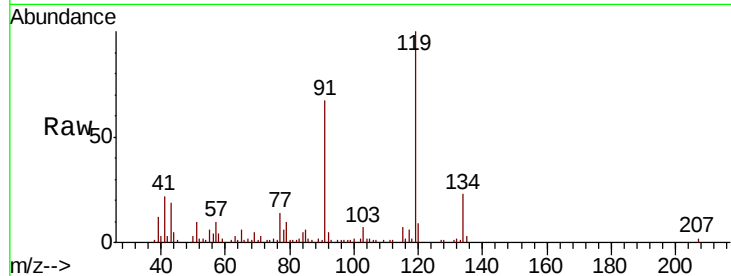




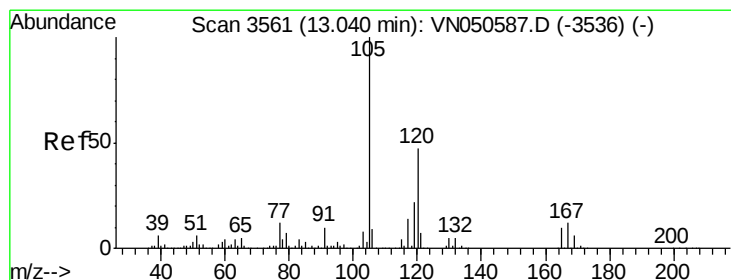
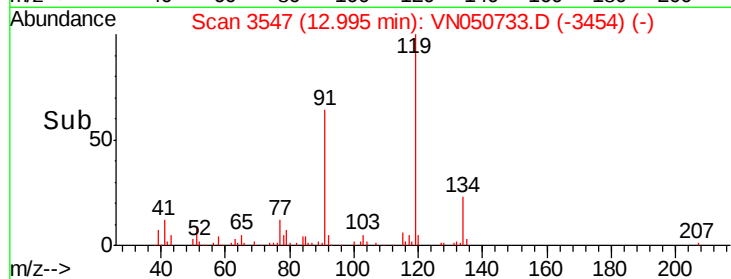
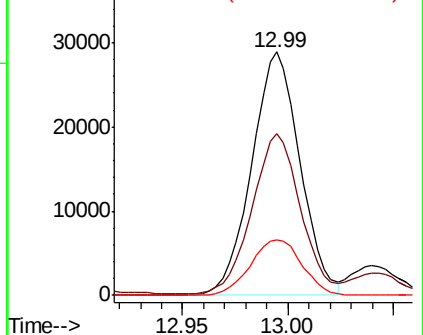
#83
 tert-Butylbenzene
 Concen: 2.39 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-BASELINE-WATER

Tot Ion:119 Resp: 46148
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.2 96.6
 134 24.1 13.4 40.2

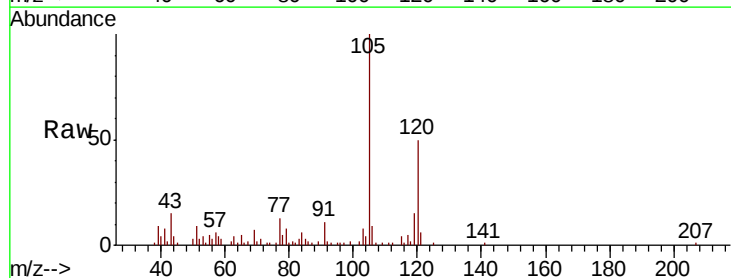


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

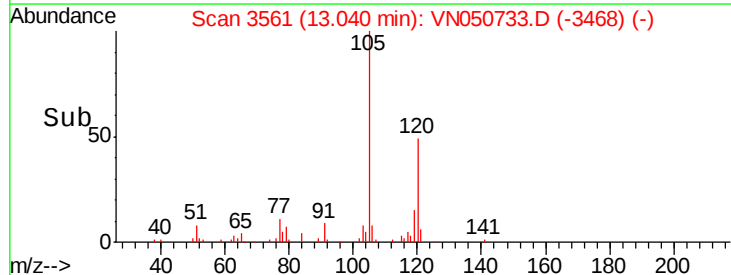
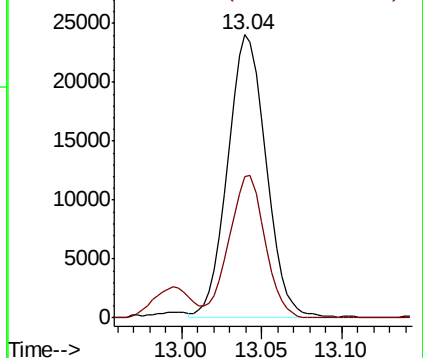


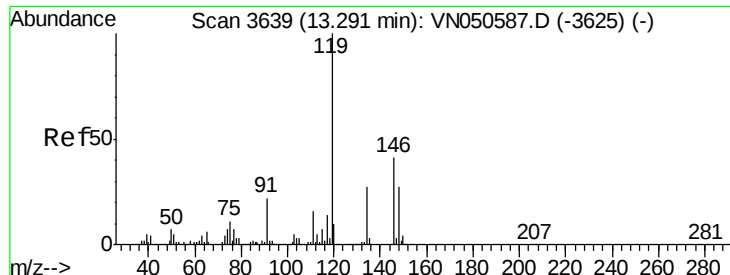
#84
 1,2,4-Trimethylbenzene
 Concen: 1.77 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Tgt Ion:105 Resp: 39484
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

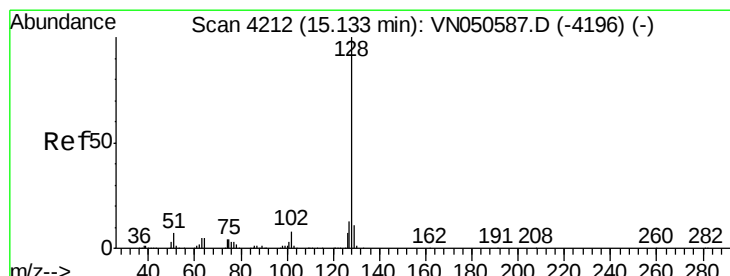
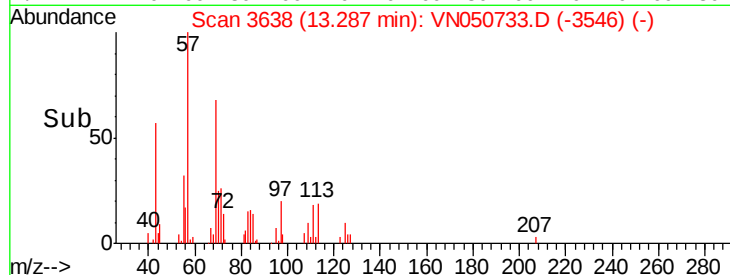
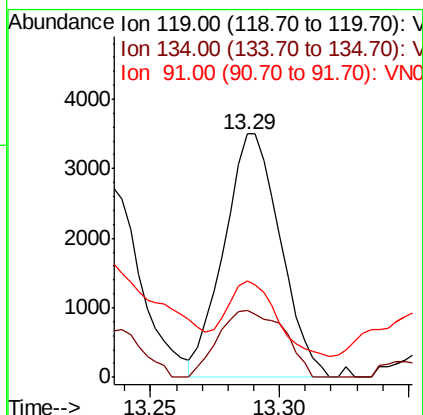
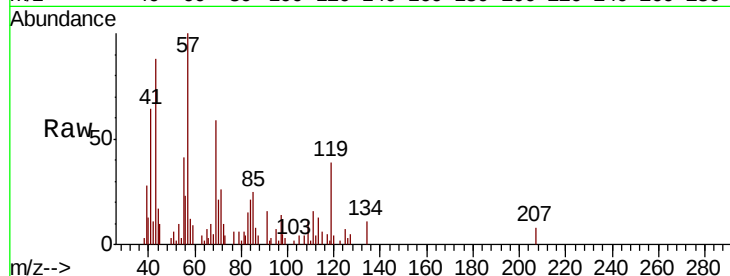




#86
 p-Isopropyltoluene
 Concen: 0.25 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-BASELINE-WATER

Tot Ion:119	Resp:	5337
Ion Ratio	Lower	Upper
119	100	
134	31.9	13.5 40.4
91	27.4	11.2 33.6



#95
 Naphthalene
 Concen: 9.61 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050733.D
 Acq: 17 Aug 2018 16:27

Tgt Ion:128	Resp:	85163
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.3 15.5
129	11.9	8.5 12.7

