

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052912.D
 Acq On : 15 Dec 2018 1:46
 Operator : MD\SY
 Sample : J6390-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 30082

Quant Time: Dec 15 04:24:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

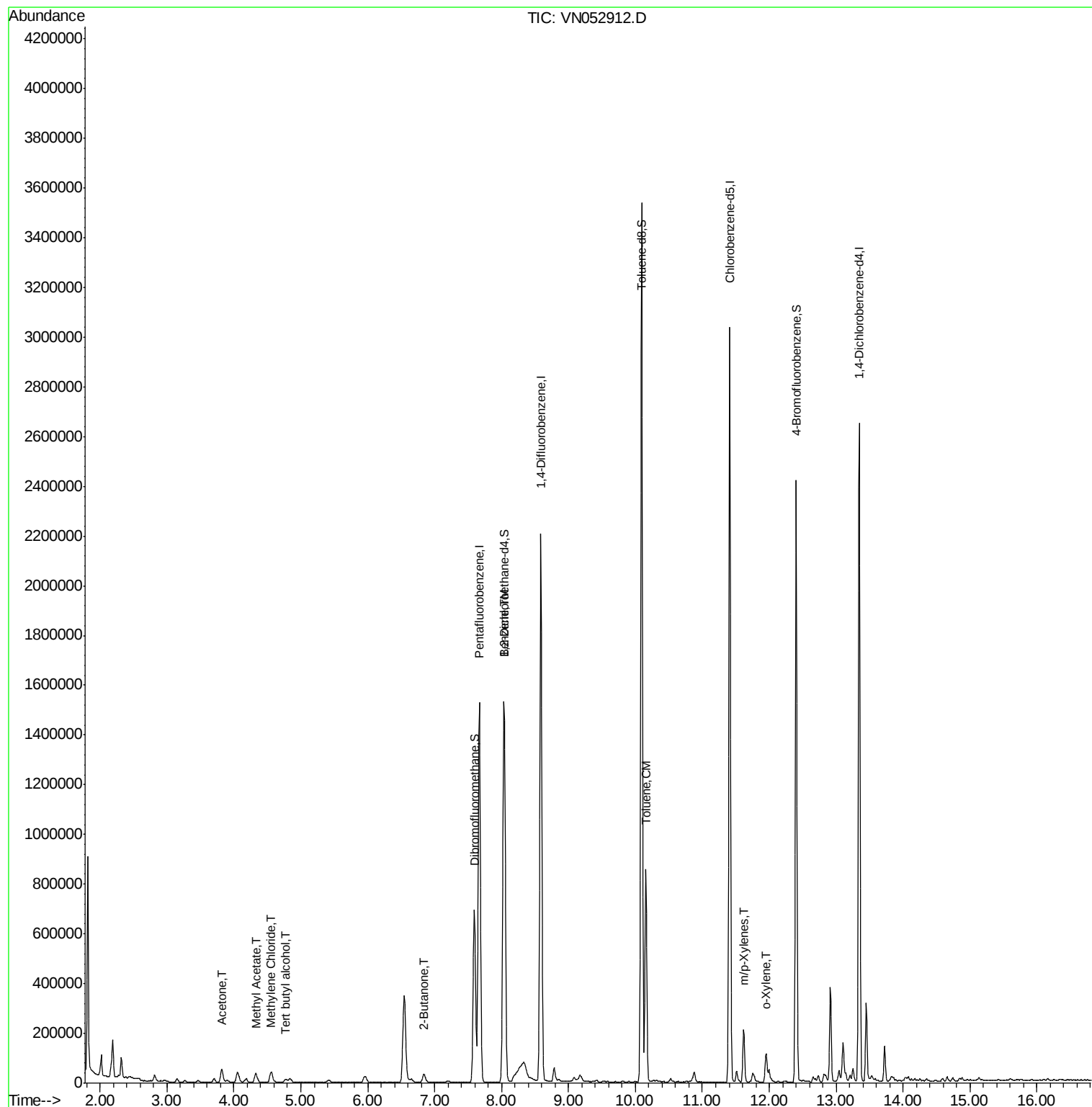
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1344831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2079973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1817660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	757060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	672891	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
35) Dibromofluoromethane	7.59	113	536523	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
50) Toluene-d8	10.09	98	2514971	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	823320	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.77	59	23900	29.913	ug/l #	80
16) Acetone	3.82	43	91437	28.471	ug/l	98
18) Methyl Acetate	4.33	43	71348	6.053	ug/l	99
20) Methylene Chloride	4.55	84	32697	2.262	ug/l	98
25) 2-Butanone	6.84	43	57657	11.570	ug/l	98
40) Benzene	8.04	78	1014856	17.653	ug/l	99
52) Toluene	10.16	92	390515	11.216	ug/l	99
68) m/p-Xylenes	11.62	106	70218	2.888	ug/l	99
69) o-Xylene	11.95	106	24264	1.022	ug/l	99

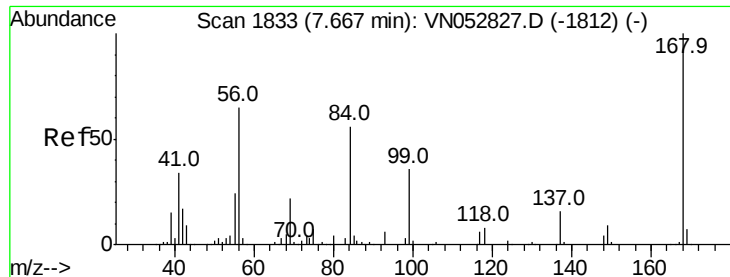
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052912.D

Acq: 15 Dec 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

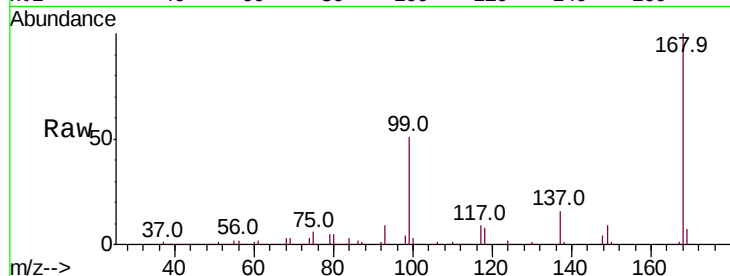
30082

Tot Ion:168 Resp: 1344831

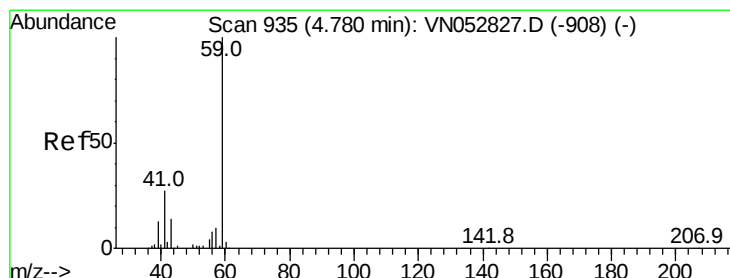
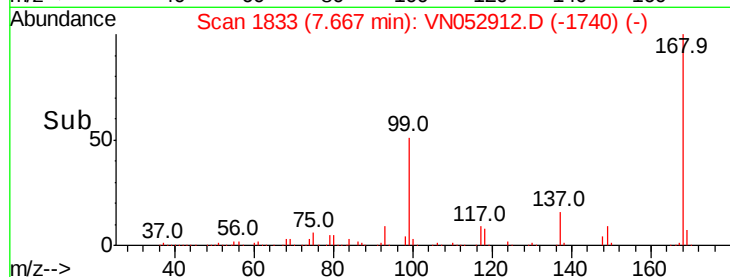
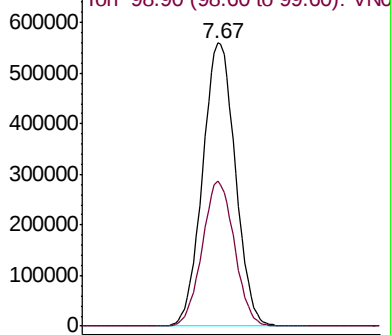
Ion Ratio Lower Upper

168 100

99 51.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052912.D (-1740) (-)



#11

Tert butyl alcohol

Concen: 29.913 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: VN052912.D

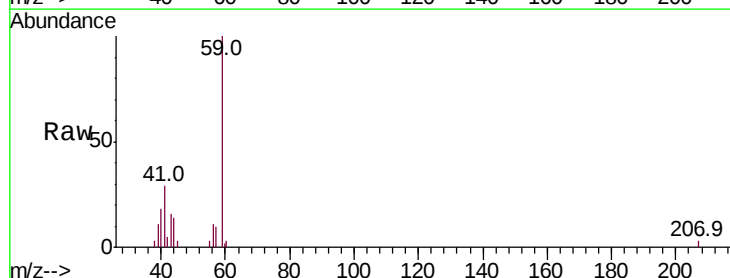
Acq: 15 Dec 2018 1:46

Tgt Ion: 59 Resp: 23900

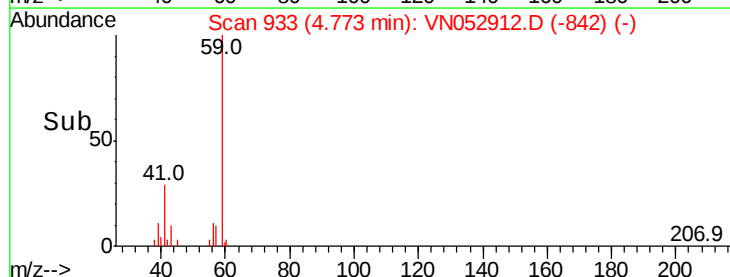
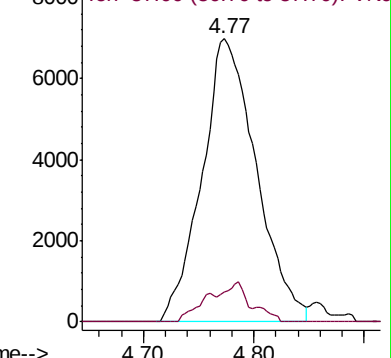
Ion Ratio Lower Upper

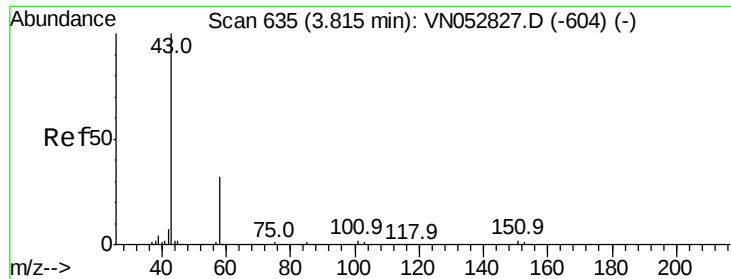
59 100

57 2.3 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN052912.D (-842) (-)





#16

Acetone

Concen: 28.471 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052912.D

Acq: 15 Dec 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

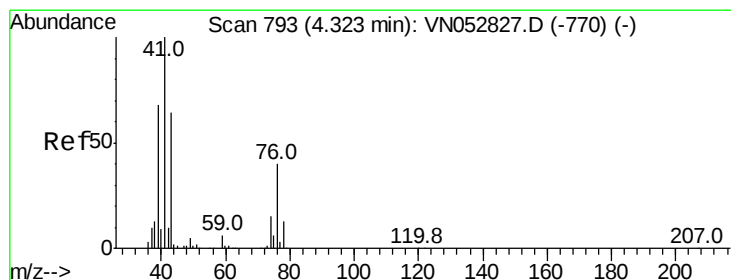
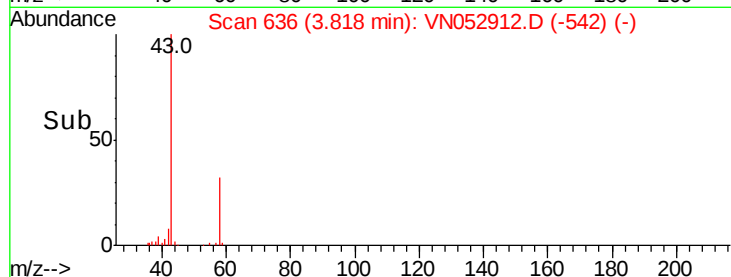
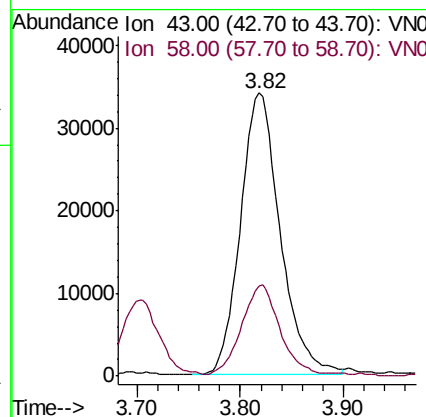
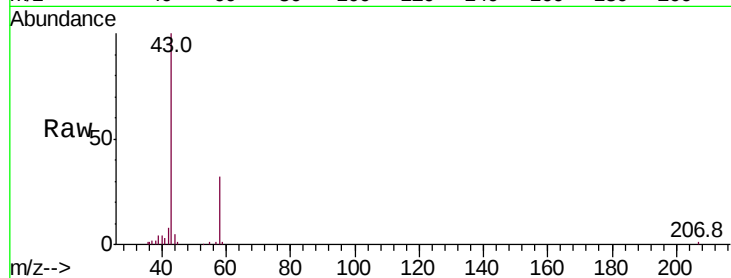
30082

Tot Ion: 43 Resp: 91437

Ion Ratio Lower Upper

43 100

58 30.8 25.4 38.0



#18

Methyl Acetate

Concen: 6.053 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN052912.D

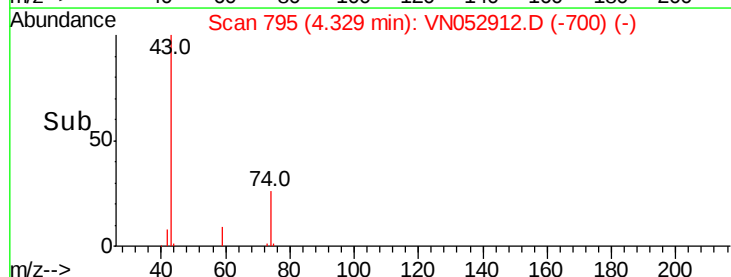
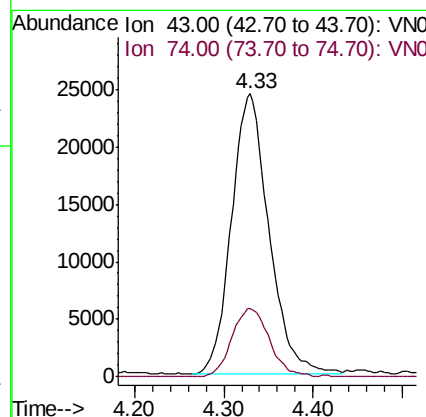
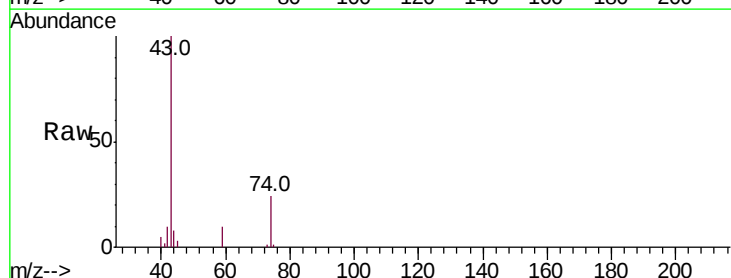
Acq: 15 Dec 2018 1:46

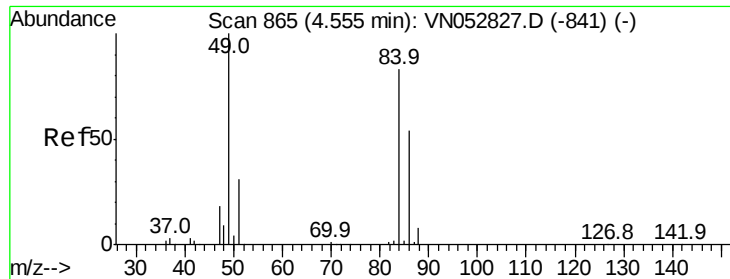
Tgt Ion: 43 Resp: 71348

Ion Ratio Lower Upper

43 100

74 24.4 19.2 28.8

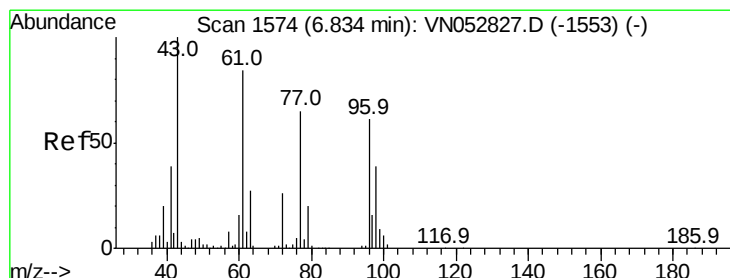
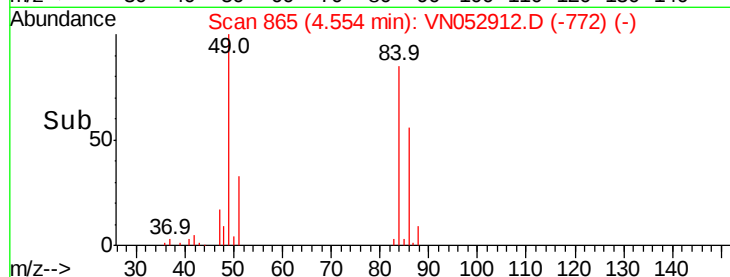
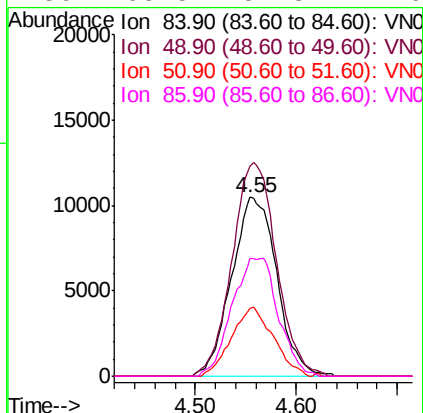
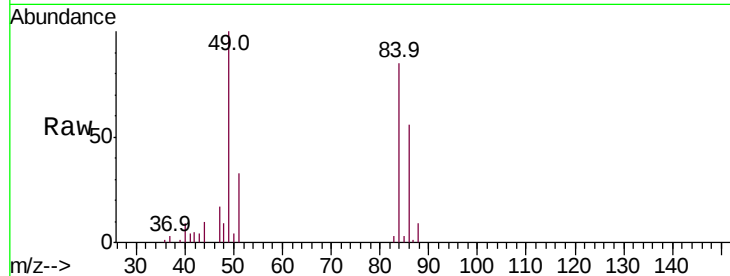




#20
Methvlene Chloride
Concen: 2.262 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052912.D
Acq: 15 Dec 2018 1:46

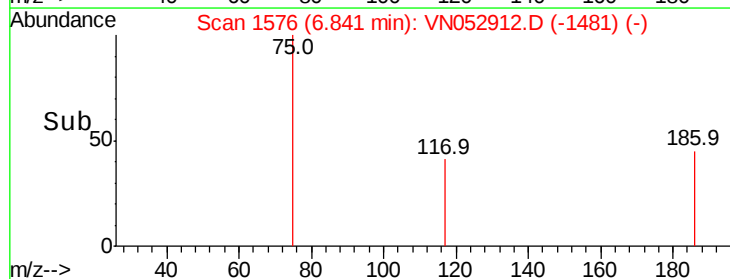
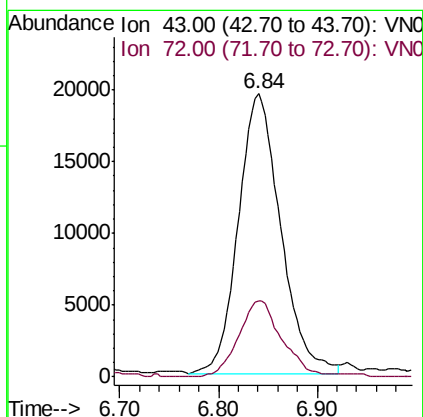
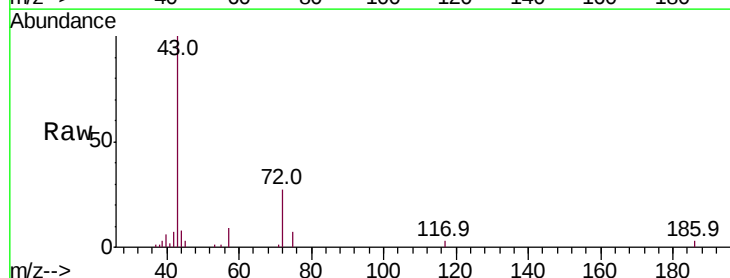
Instrument :
MSVOA_N
ClientSampled :
30082

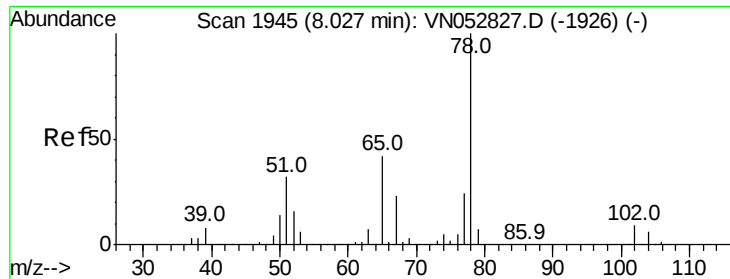
Tot Ion: 84 Resp: 32697
Ion Ratio Lower Upper
84 100
49 117.2 96.8 145.2
51 38.2 29.9 44.9
86 65.5 51.8 77.6



#25
2-Butanone
Concen: 11.570 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052912.D
Acq: 15 Dec 2018 1:46

Tgt Ion: 43 Resp: 57657
Ion Ratio Lower Upper
43 100
72 27.4 21.0 31.6

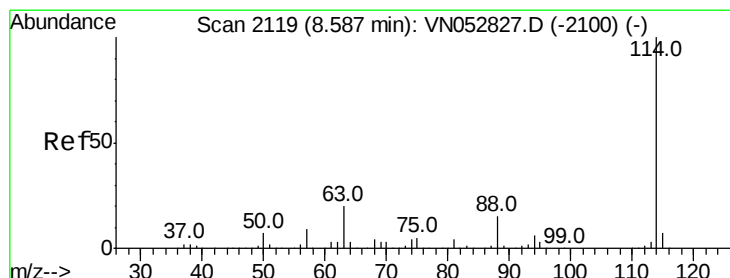
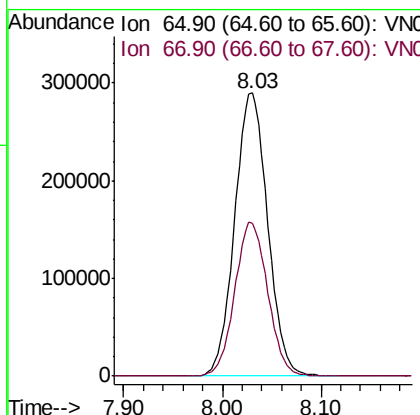
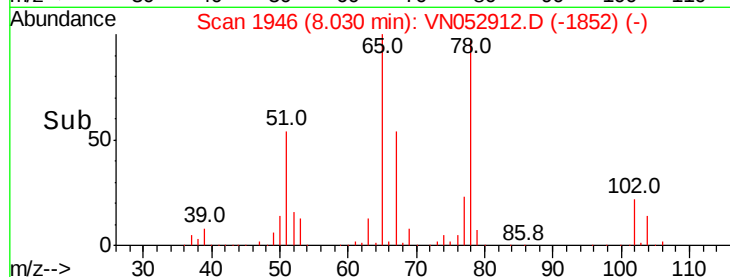
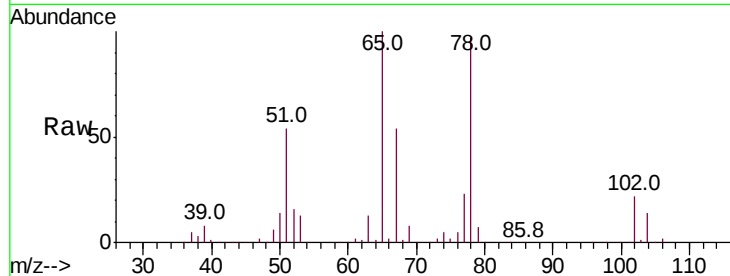




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052912.D
 Acq: 15 Dec 2018 1:46

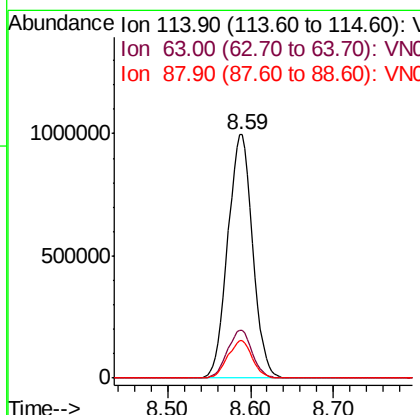
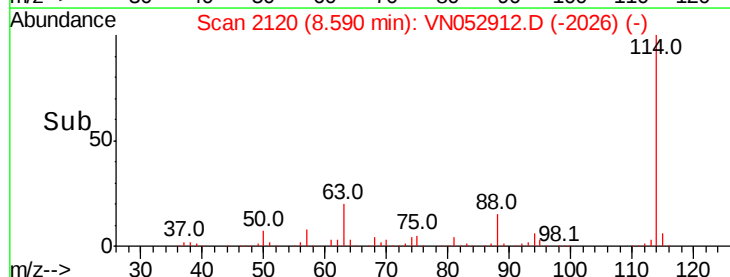
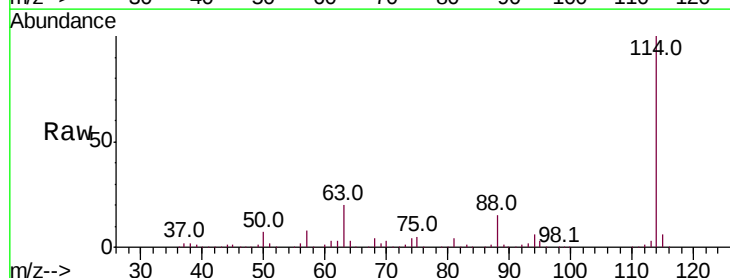
Instrument :
 MSVOA_N
 ClientSampleId :
 30082

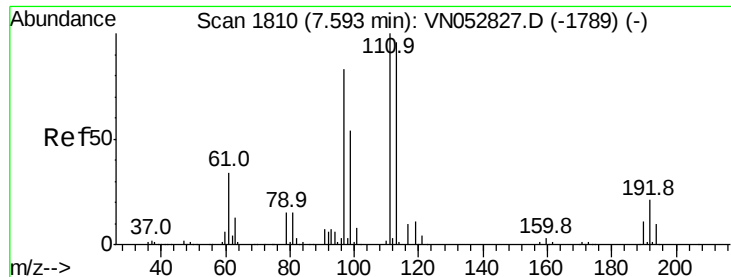
Tot Ion: 65 Resp: 672891
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN052912.D
 Acq: 15 Dec 2018 1:46

Tgt Ion:114 Resp: 2079973
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.3 0.0 31.0

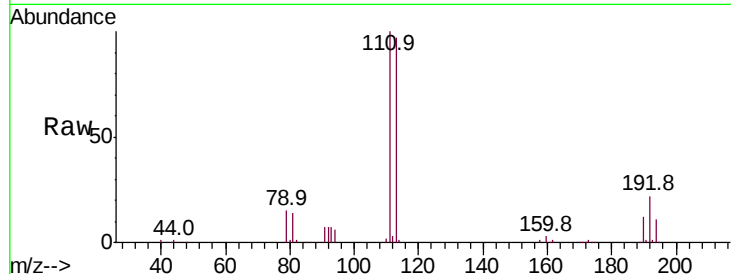




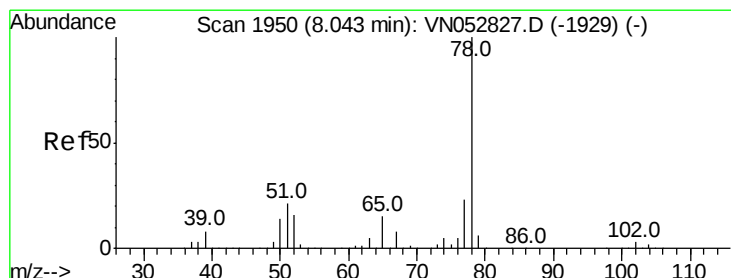
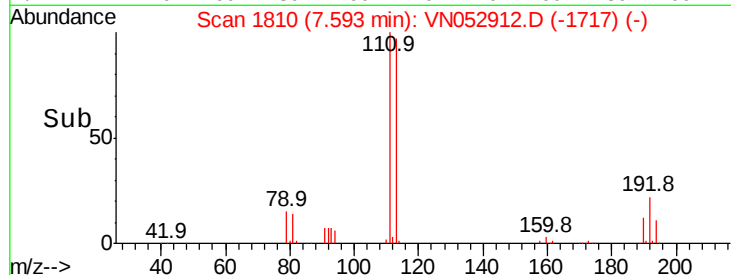
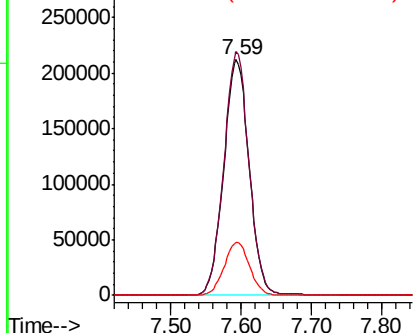
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052912.D
 Acq: 15 Dec 2018 1:46

Instrument :
 MSVOA_N
 ClientSampled :
 30082

Tot Ion:113 Resp: 536523
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.0 124.4
 192 22.4 17.5 26.3

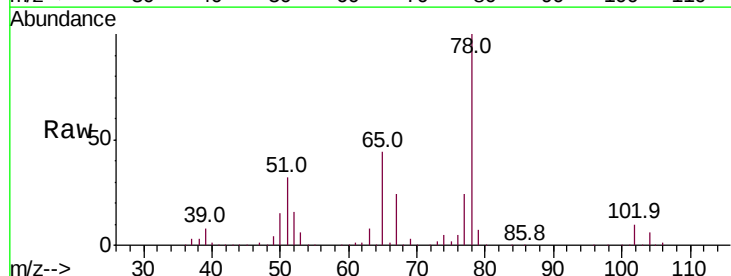


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

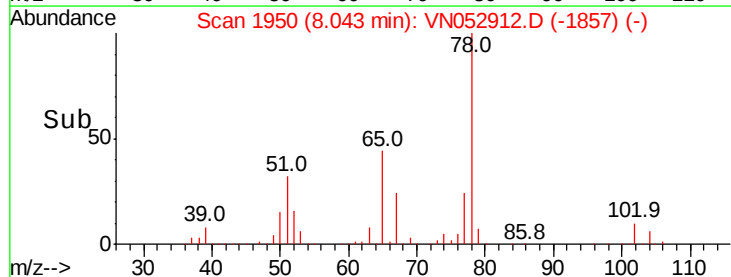
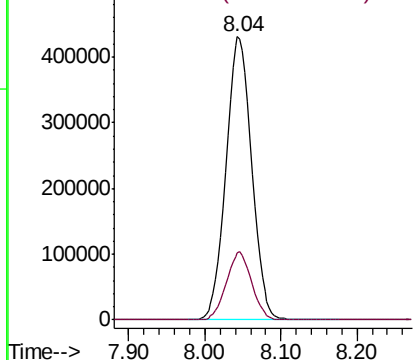


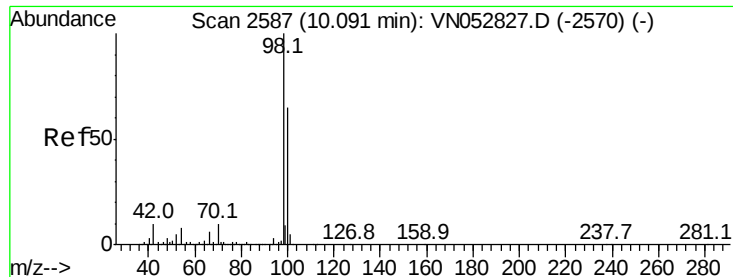
#40
 Benzene
 Concen: 17.653 ug/l
 RT: 8.04 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: VN052912.D
 Acq: 15 Dec 2018 1:46

Tgt Ion: 78 Resp: 1014856
 Ion Ratio Lower Upper
 78 100
 77 23.7 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052912.D

Acq: 15 Dec 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

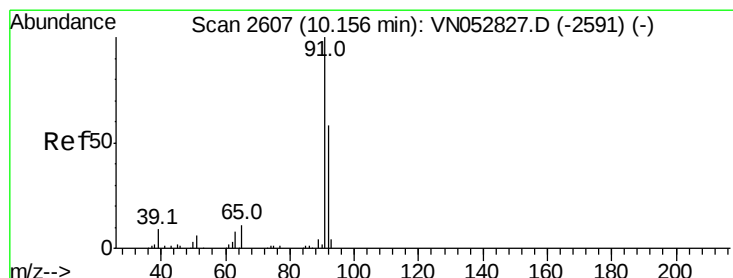
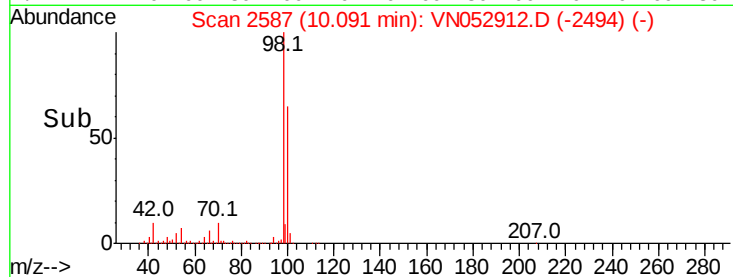
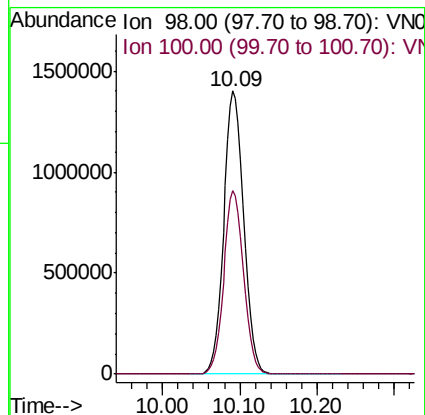
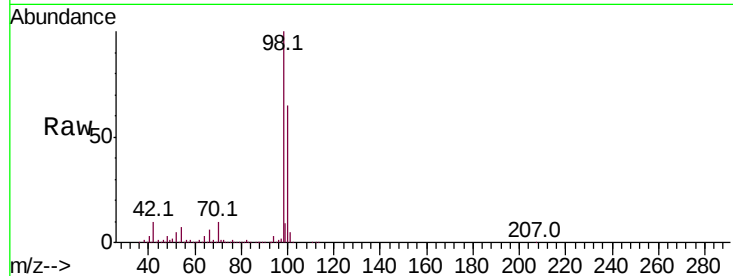
30082

Tot Ion: 98 Resp: 2514971

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#52

Toluene

Concen: 11.216 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052912.D

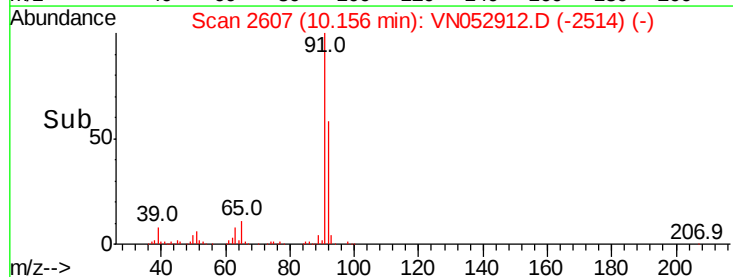
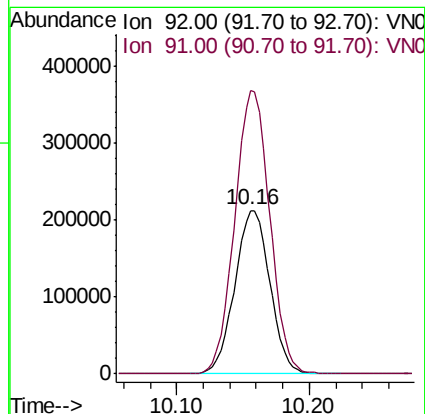
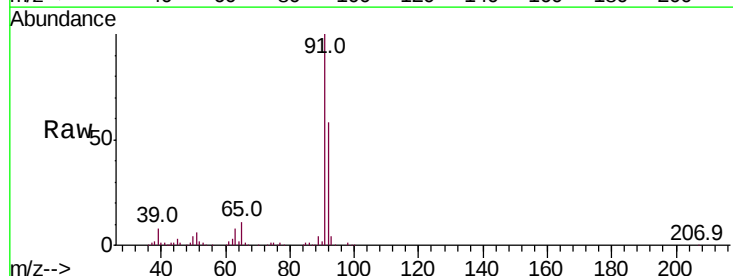
Acq: 15 Dec 2018 1:46

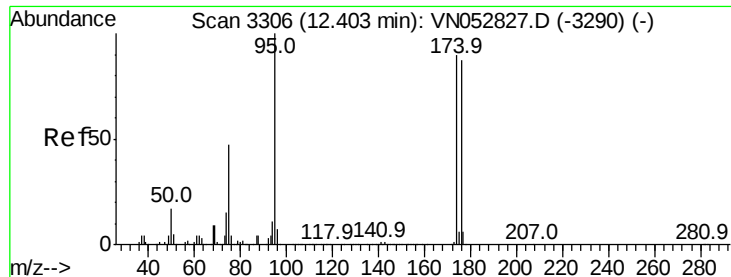
Tgt Ion: 92 Resp: 390515

Ion Ratio Lower Upper

92 100

91 172.9 139.8 209.6





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN052912.D

Acq: 15 Dec 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

30082

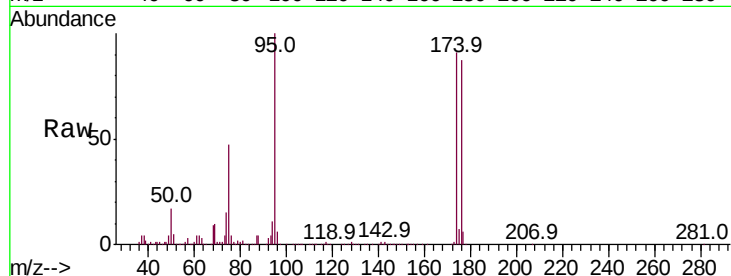
Tot Ion: 95 Resp: 823320

Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.8

176 86.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052827.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052827.D (-3290) (-)

12.40

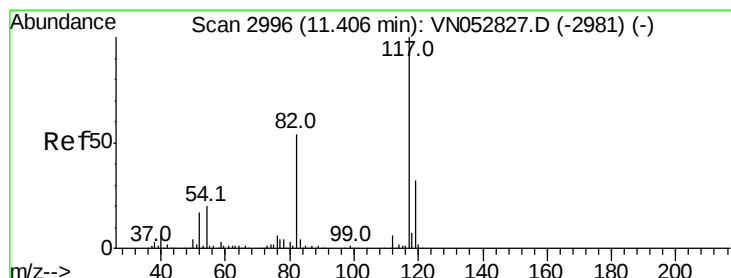
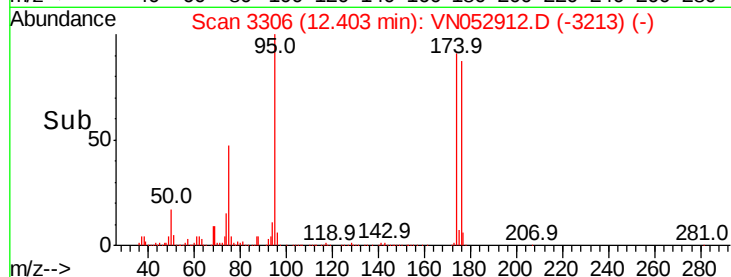
600000

400000

200000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052912.D

Acq: 15 Dec 2018 1:46

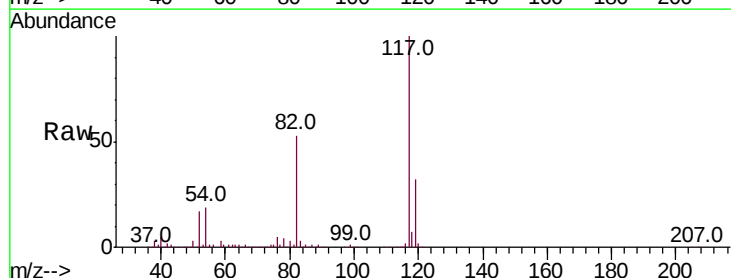
Tgt Ion: 117 Resp: 1817660

Ion Ratio Lower Upper

117 100

82 52.9 42.8 64.2

119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052827.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052827.D (-2981) (-)

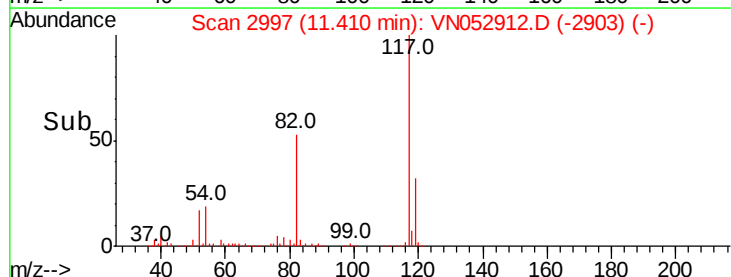
11.41

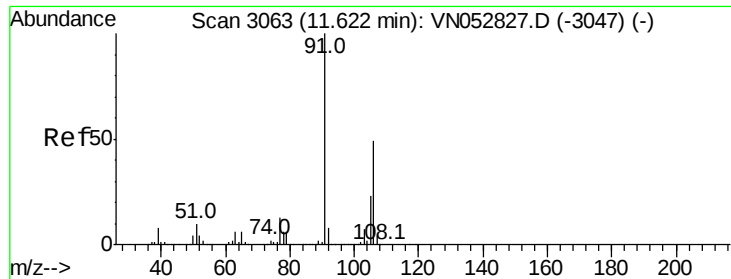
1000000

500000

0

Time--> 11.30 11.40 11.50





#68

m/p-Xylenes

Concen: 2.888 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052912.D

Acq: 15 Dec 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

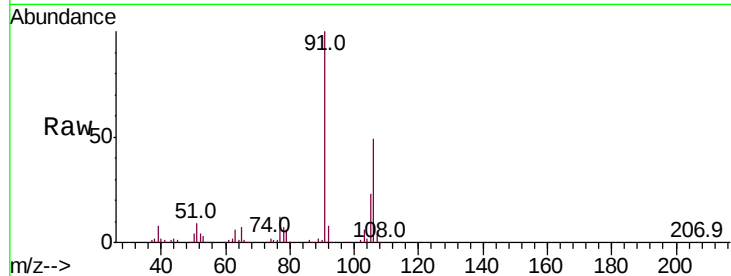
30082

Tot Ion:106 Resp: 70218

Ion Ratio Lower Upper

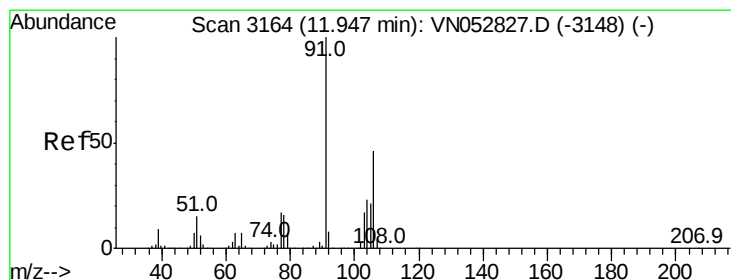
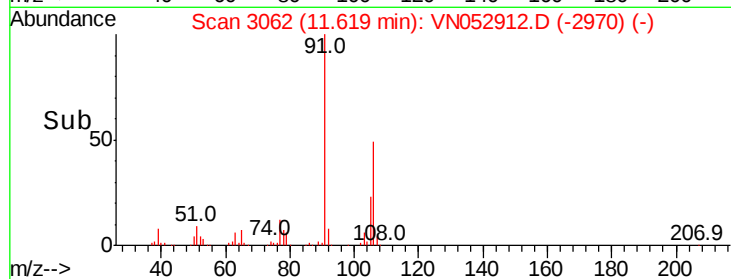
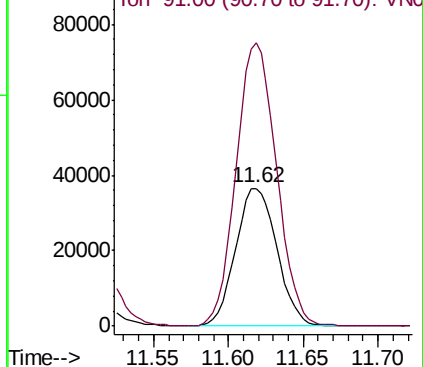
106 100

91 201.2 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 1.022 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN052912.D

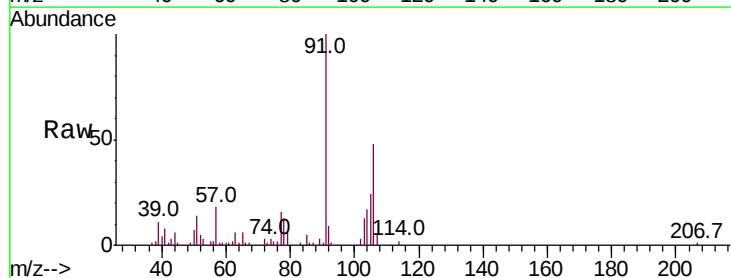
Acq: 15 Dec 2018 1:46

Tgt Ion:106 Resp: 24264

Ion Ratio Lower Upper

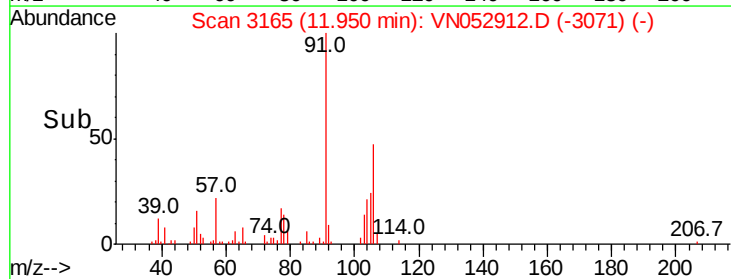
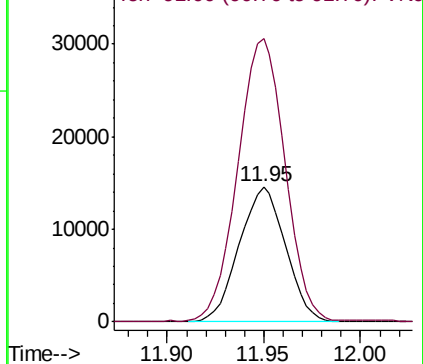
106 100

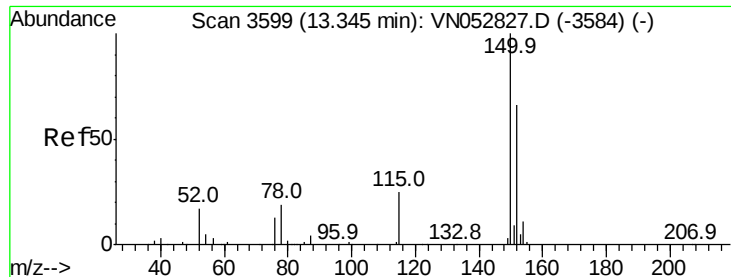
91 214.9 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052912.D

Acq: 15 Dec 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

30082

Tot Ion:152 Resp: 757060

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

150 156.5 0.0 347.8

