

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050065.D
 Acq On : 26 Jul 2018 00:44
 Operator : MD\SY
 Sample : J4135-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-3-0-11

Quant Time: Jul 26 07:49:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	608884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1020962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	856189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347650	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	444778	52.36	ug/l	0.00
Spiked Amount						
			Recovery	=	104.72%	
35) Dibromofluoromethane	7.59	113	391626	46.98	ug/l	0.00
Spiked Amount						
			Recovery	=	93.96%	
50) Toluene-d8	10.09	98	1383589	45.15	ug/l	0.00
Spiked Amount						
			Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.40	95	385860	38.24	ug/l	0.00
Spiked Amount						
			Recovery	=	76.48%	

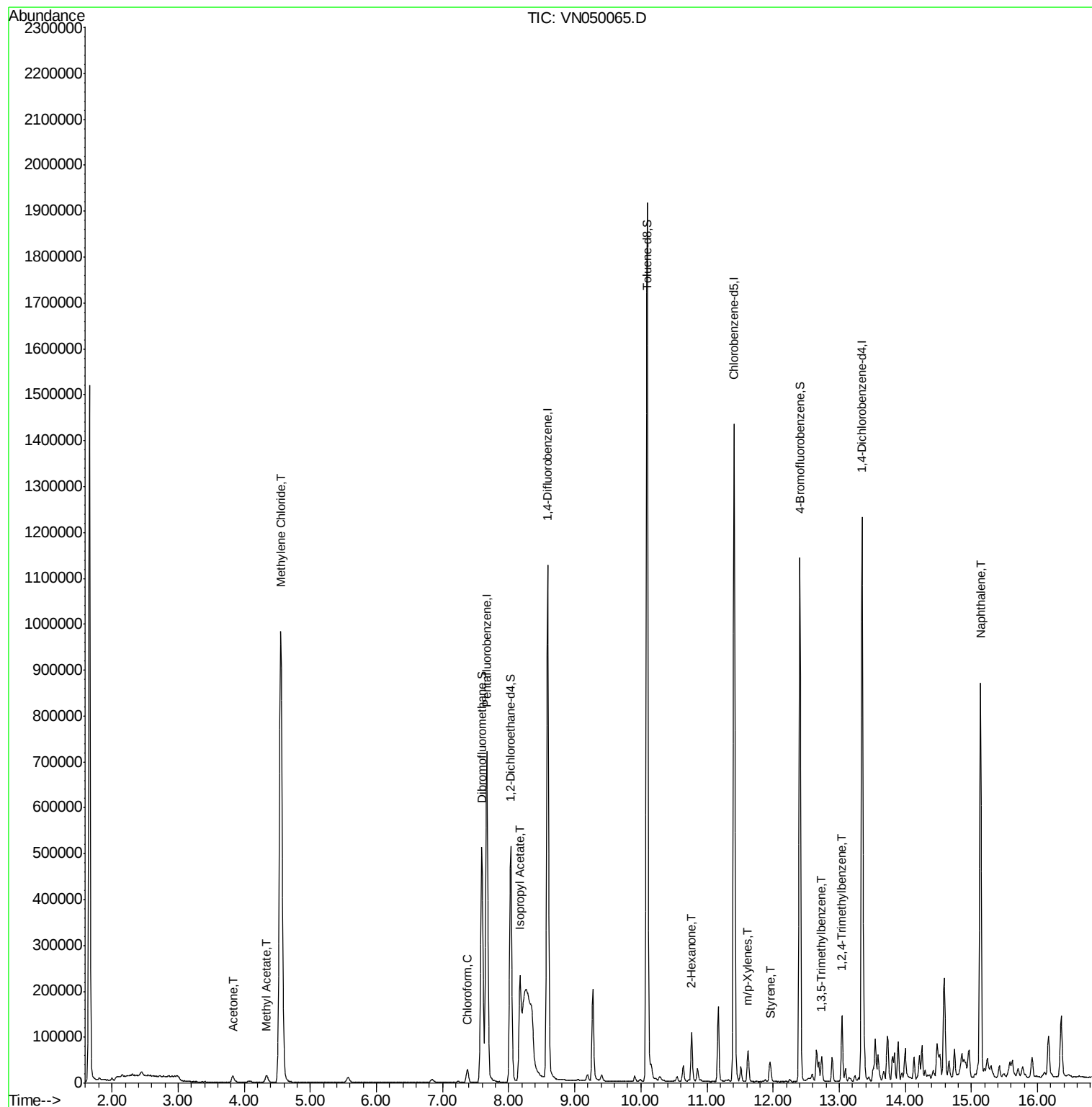
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	25385	8.49	ug/l	95
18) Methyl Acetate	4.34	43	29148	2.19	ug/l	93
20) Methylene Chloride	4.55	84	769439	103.49	ug/l	99
30) Chloroform	7.38	83	29666	2.06	ug/l	98
43) Isopropyl Acetate	8.17	43	275630	17.50	ug/l #	91
59) 2-Hexanone	10.77	43	14930	7.70	ug/l #	56
68) m/p-Xylenes	11.62	106	21549	1.64	ug/l	95
70) Styrene	11.97	104	7902	1.27	ug/l #	75
80) 1,3,5-Trimethylbenzene	12.73	105	24511	1.16	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	80503	3.77	ug/l	98
95) Naphthalene	15.14	128	740909	46.96	ug/l	99

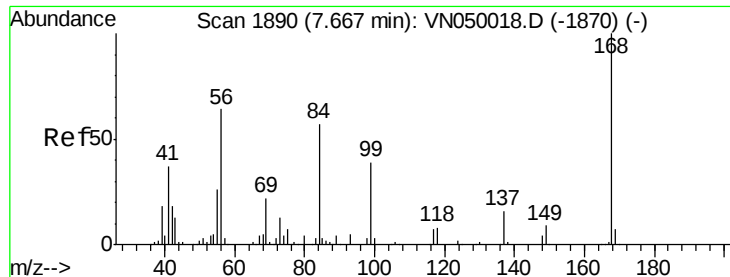
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050065.D

Acq: 26 Jul 2018 00:44

Instrument :

MSVOA_N

ClientSampleId :

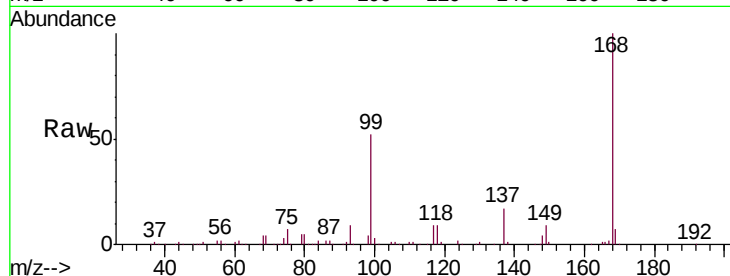
CON-WC-S-3-0-11

Tot Ion:168 Resp: 608884

Ion Ratio Lower Upper

168 100

99 52.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

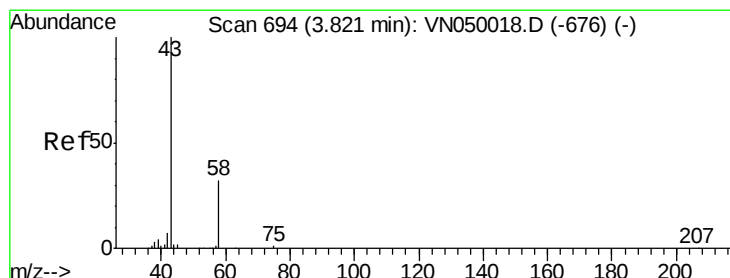
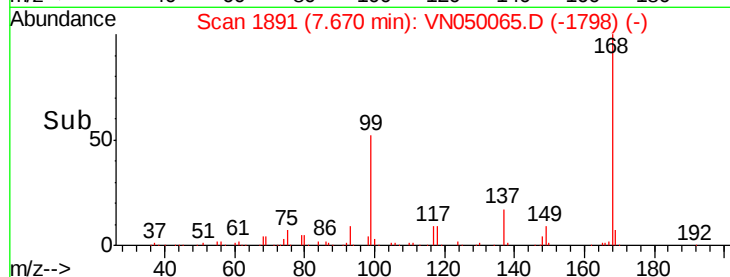
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.49 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050065.D

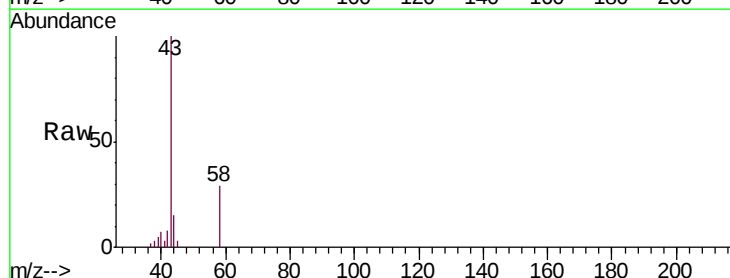
Acq: 26 Jul 2018 00:44

Tgt Ion: 43 Resp: 25385

Ion Ratio Lower Upper

43 100

58 29.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

10000

8000

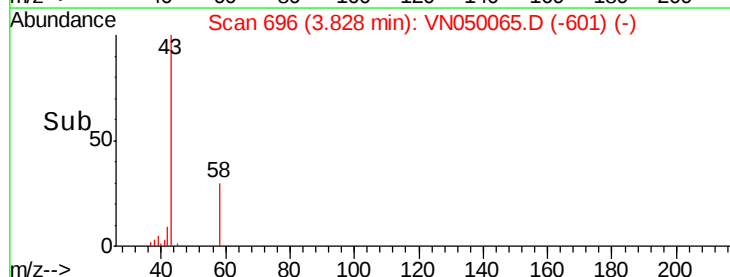
6000

4000

2000

0

Time-->

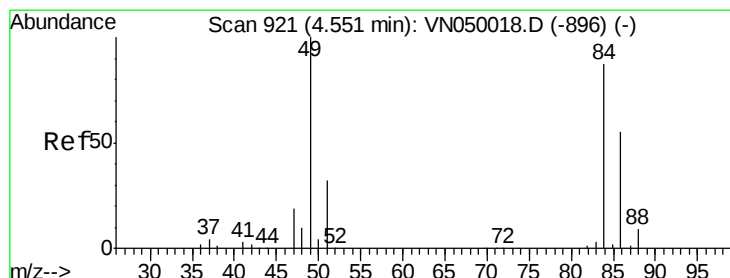
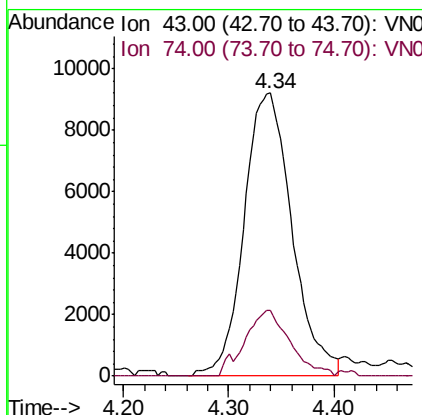
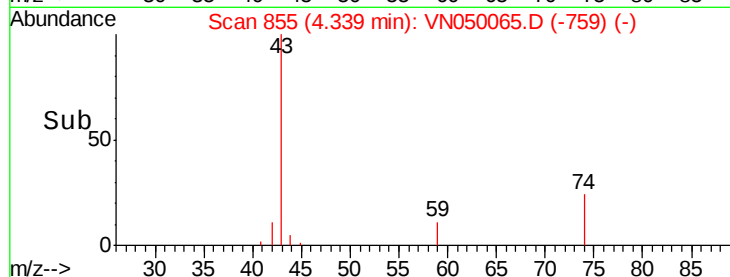
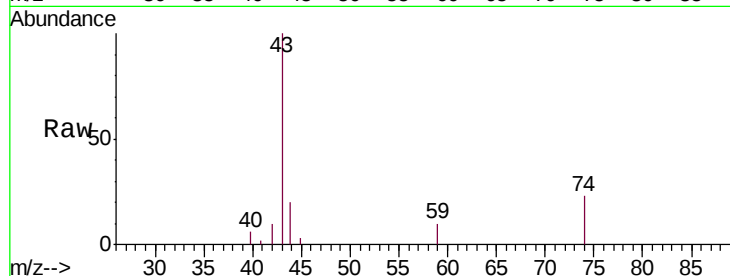




#18
Methvl Acetate
Concen: 2.19 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050065.D
Acq: 26 Jul 2018 00:44

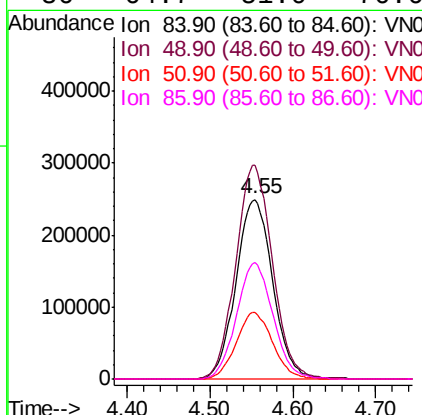
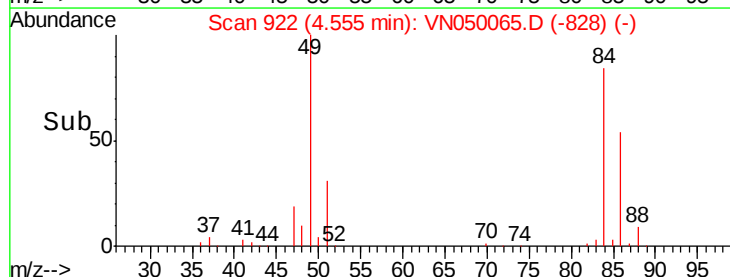
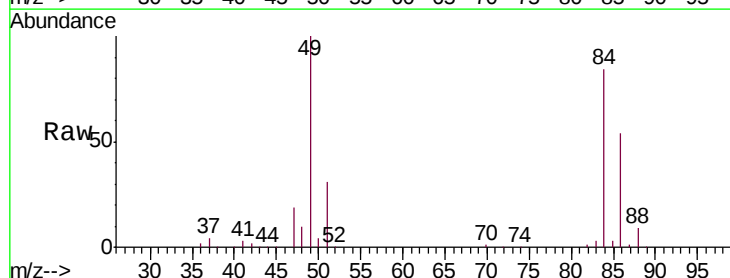
Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-3-0-11

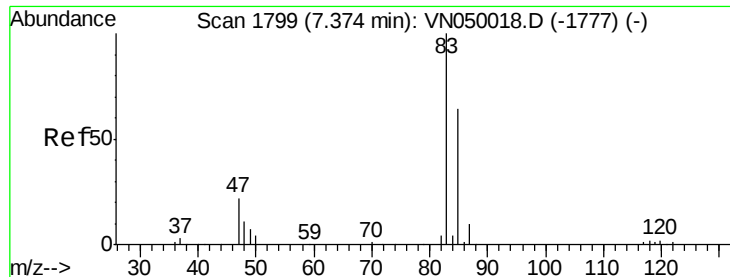
Tot Ion: 43 Resp: 29148
Ion Ratio Lower Upper
43 100
74 20.6 19.2 28.8



#20
Methylene Chloride
Concen: 103.49 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050065.D
Acq: 26 Jul 2018 00:44

Tgt Ion: 84 Resp: 769439
Ion Ratio Lower Upper
84 100
49 119.1 94.8 142.2
51 37.1 28.3 42.5
86 64.7 51.0 76.6





#30

Chloroform

Concen: 2.06 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050065.D

Acq: 26 Jul 2018 00:44

Instrument :

MSVOA_N

ClientSampleId :

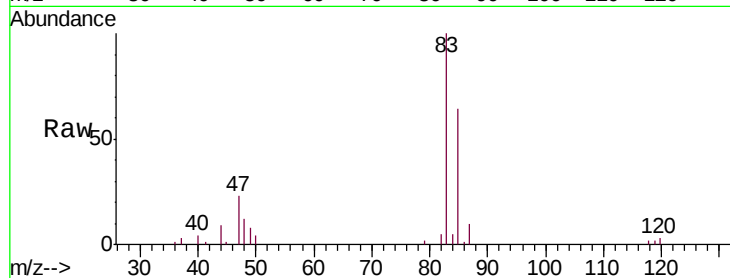
CON-WC-S-3-0-11

Tot Ion: 83 Resp: 29666

Ion Ratio Lower Upper

83 100

85 64.4 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN050018.D (-1777) (-)

Ion 84.90 (84.60 to 85.60): VN050018.D (-1777) (-)

7.38

12000

10000

8000

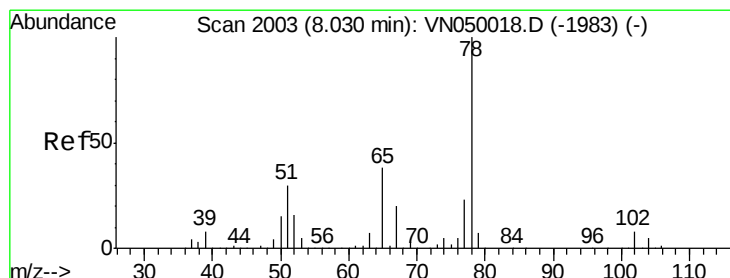
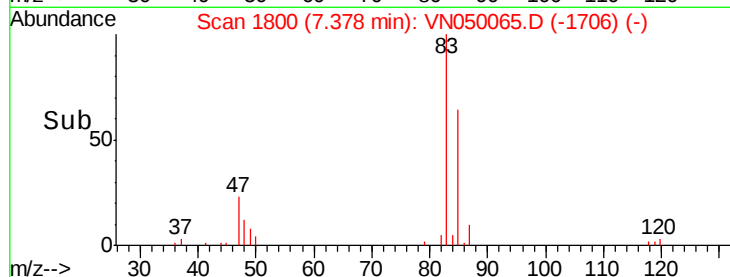
6000

4000

2000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.36 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050065.D

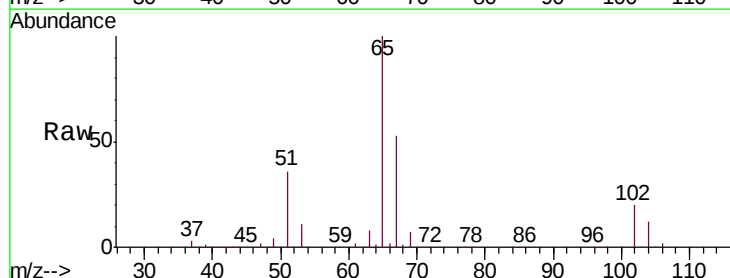
Acq: 26 Jul 2018 00:44

Tgt Ion: 65 Resp: 444778

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

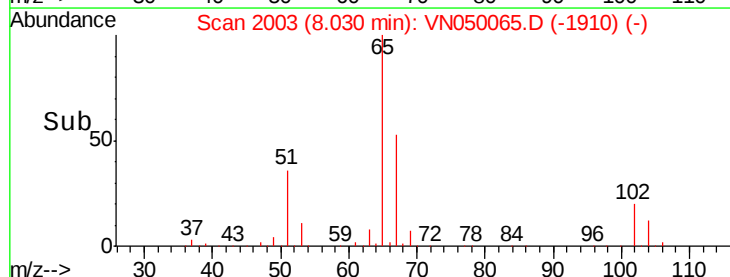
150000

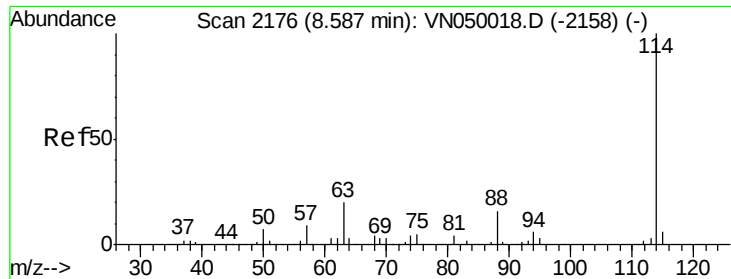
100000

50000

0

Time-->



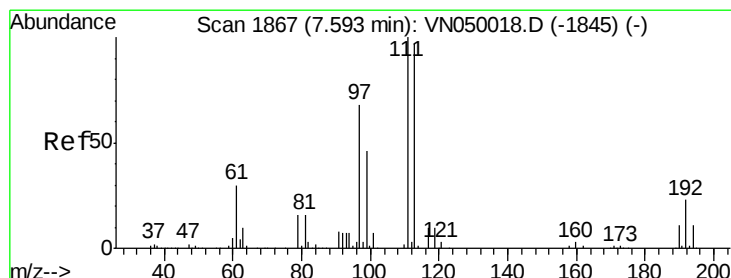
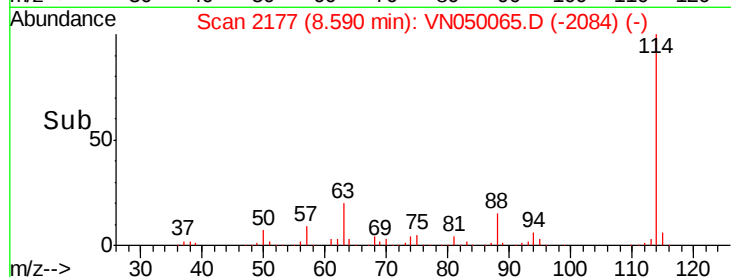
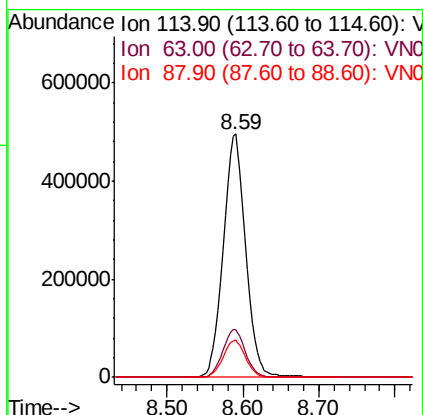
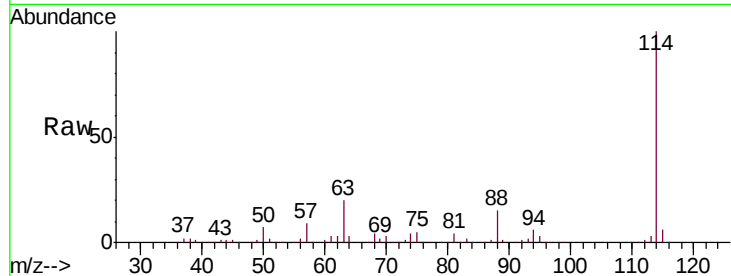


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050065.D
 Acq: 26 Jul 2018 00:44

Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-3-0-11

Tot Ion:114 Resp: 1020962

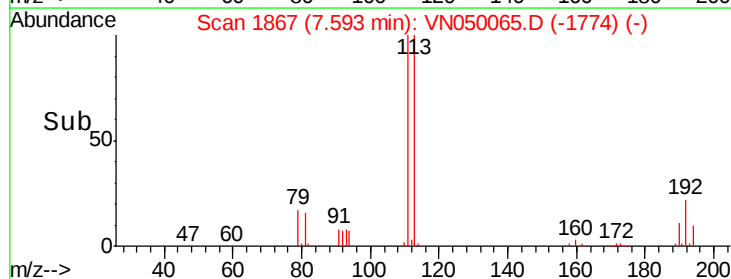
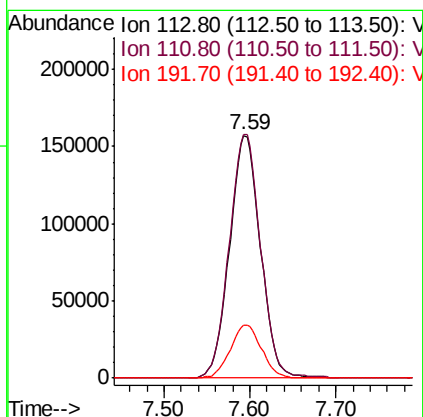
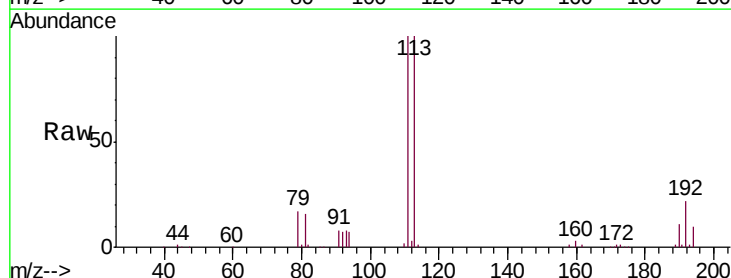
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.0
88	15.2	0.0	31.2

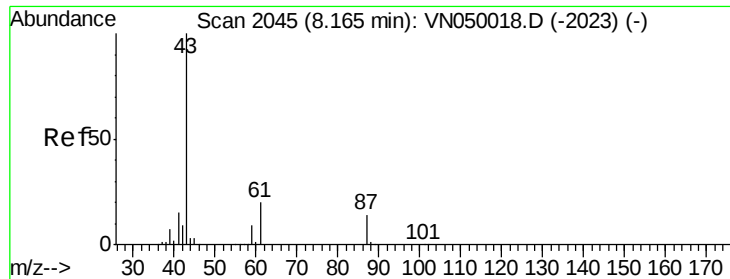


#35
 Dibromofluoromethane
 Concen: 46.98 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050065.D
 Acq: 26 Jul 2018 00:44

Tgt Ion:113 Resp: 391626

Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.7	121.1
192	22.2	17.8	26.6





#43

Isopropyl Acetate

Concen: 17.50 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050065.D

Acq: 26 Jul 2018 00:44

Instrument :

MSVOA_N

ClientSampleId :

CON-WC-S-3-0-11

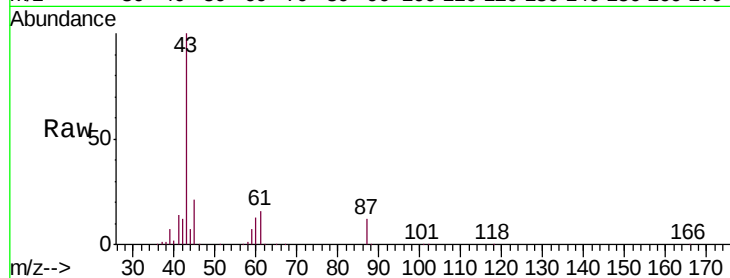
Tot Ion: 43 Resp: 275630

Ion Ratio Lower Upper

43 100

61 15.1 15.8 23.6#

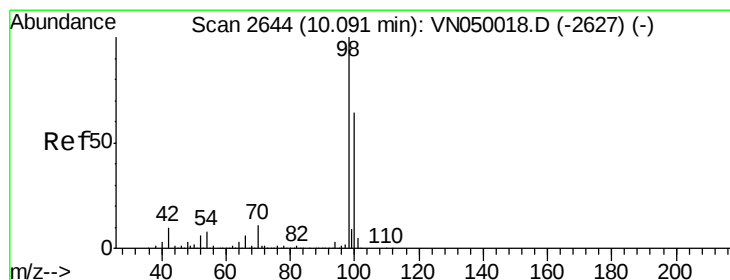
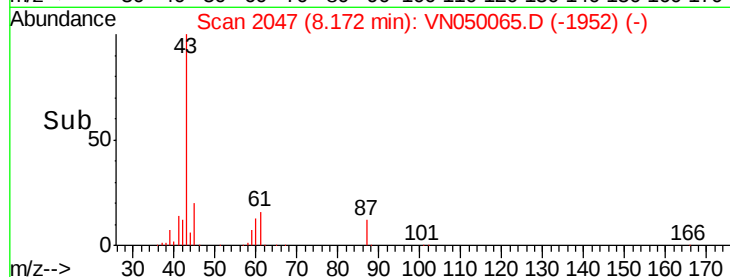
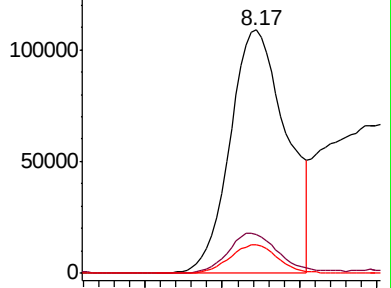
87 10.1 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2023) (-)

Ion 61.00 (60.70 to 61.70): VN050018.D (-2023) (-)

Ion 87.00 (86.70 to 87.70): VN050018.D (-2023) (-)



#50

Toluene-d8

Concen: 45.15 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050065.D

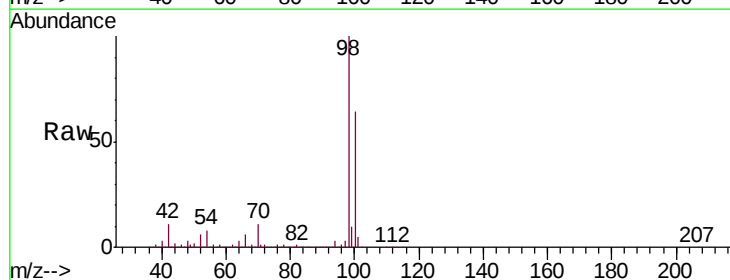
Acq: 26 Jul 2018 00:44

Tgt Ion: 98 Resp: 1383589

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050018.D (-2627) (-)

Ion 207.00 (206.70 to 207.70): VN050018.D (-2627) (-)

Ion 229.00 (228.70 to 229.70): VN050018.D (-2627) (-)

Ion 252.00 (251.70 to 252.70): VN050018.D (-2627) (-)

Ion 275.00 (274.70 to 275.70): VN050018.D (-2627) (-)

Ion 299.00 (298.70 to 299.70): VN050018.D (-2627) (-)

Ion 322.00 (321.70 to 322.70): VN050018.D (-2627) (-)

Ion 346.00 (345.70 to 346.70): VN050018.D (-2627) (-)

Ion 370.00 (369.70 to 370.70): VN050018.D (-2627) (-)

Ion 394.00 (393.70 to 394.70): VN050018.D (-2627) (-)

Ion 418.00 (417.70 to 418.70): VN050018.D (-2627) (-)

Ion 442.00 (441.70 to 442.70): VN050018.D (-2627) (-)

Ion 466.00 (465.70 to 466.70): VN050018.D (-2627) (-)

Ion 490.00 (489.70 to 490.70): VN050018.D (-2627) (-)

Ion 514.00 (513.70 to 514.70): VN050018.D (-2627) (-)

Ion 538.00 (537.70 to 538.70): VN050018.D (-2627) (-)

Ion 562.00 (561.70 to 562.70): VN050018.D (-2627) (-)

Ion 586.00 (585.70 to 586.70): VN050018.D (-2627) (-)

Ion 610.00 (609.70 to 610.70): VN050018.D (-2627) (-)

Ion 634.00 (633.70 to 634.70): VN050018.D (-2627) (-)

Ion 658.00 (657.70 to 658.70): VN050018.D (-2627) (-)

Ion 682.00 (681.70 to 682.70): VN050018.D (-2627) (-)

Ion 706.00 (705.70 to 706.70): VN050018.D (-2627) (-)

Ion 730.00 (729.70 to 730.70): VN050018.D (-2627) (-)

Ion 754.00 (753.70 to 754.70): VN050018.D (-2627) (-)

Ion 778.00 (777.70 to 778.70): VN050018.D (-2627) (-)

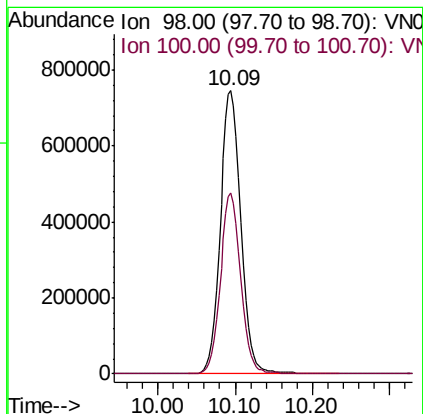
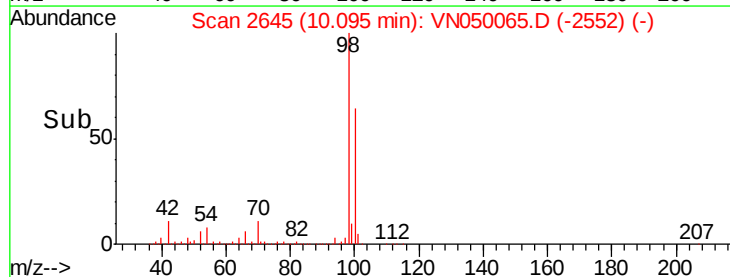
Ion 802.00 (801.70 to 802.70): VN050018.D (-2627) (-)

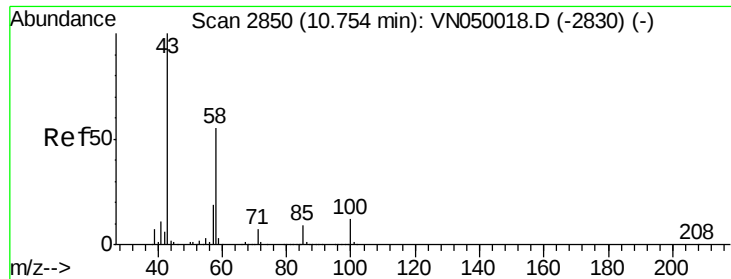
Ion 826.00 (825.70 to 826.70): VN050018.D (-2627) (-)

Ion 850.00 (849.70 to 850.70): VN050018.D (-2627) (-)

Ion 874.00 (873.70 to 874.70): VN050018.D (-2627) (-)

Ion 898.00 (897.70 to 898.70): VN050018.D (-2627) (-)





#59

2-Hexanone

Concen: 7.70 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050065.D

Acq: 26 Jul 2018 00:44

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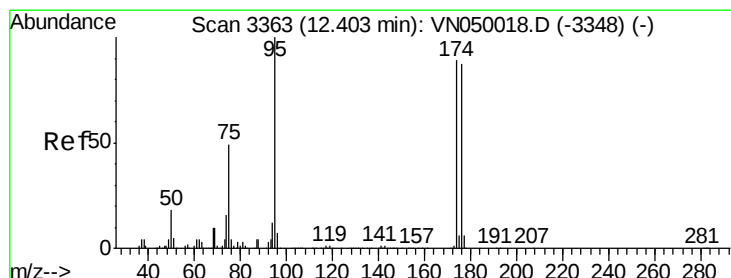
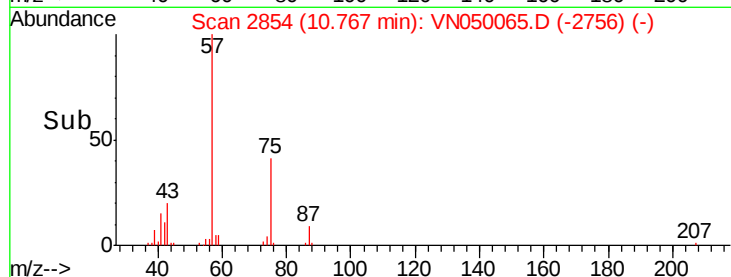
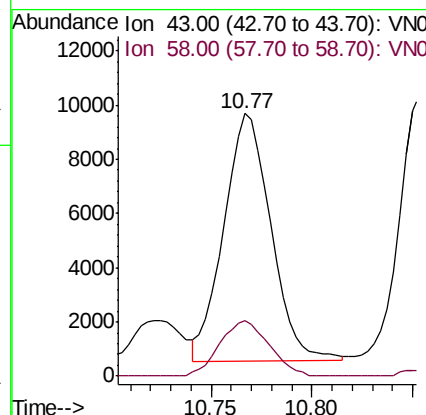
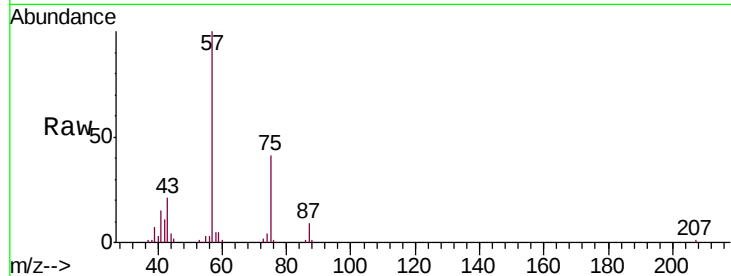
CON-WC-S-3-0-11

Tot Ion: 43 Resp: 14930

Ion Ratio Lower Upper

43 100

58 23.4 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 38.24 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050065.D

Acq: 26 Jul 2018 00:44

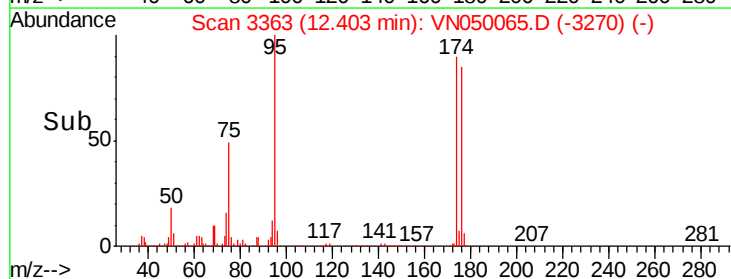
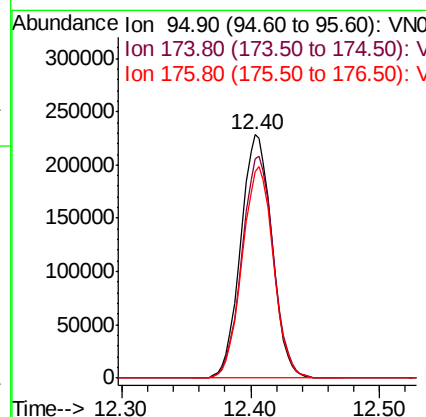
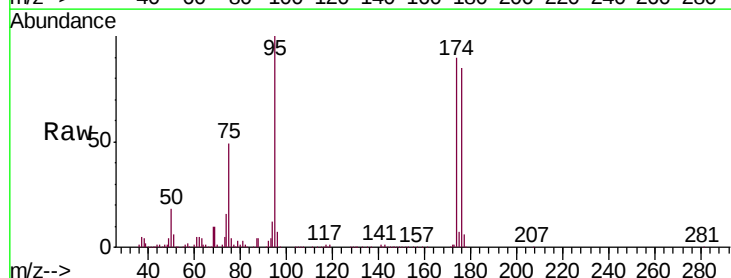
Tgt Ion: 95 Resp: 385860

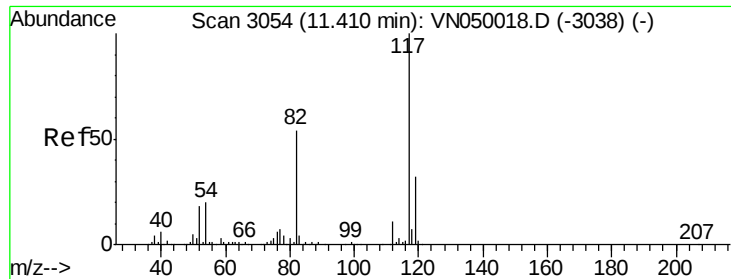
Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.2

176 86.9 0.0 173.4

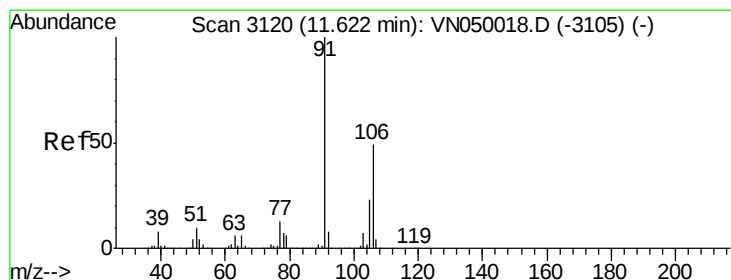
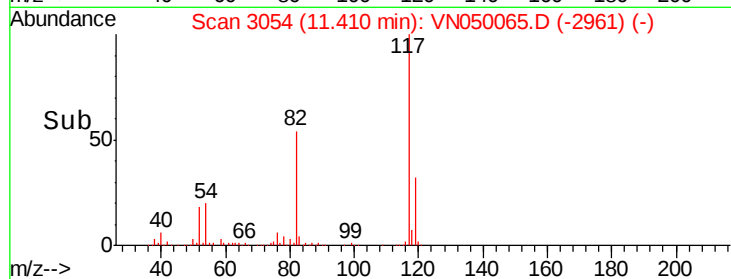
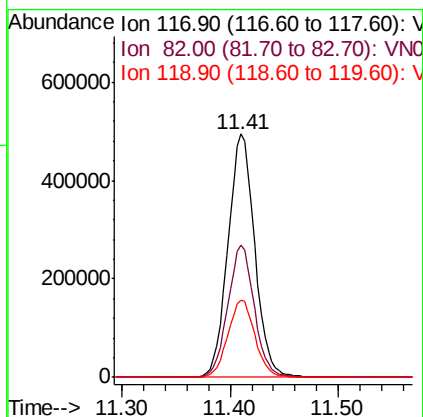
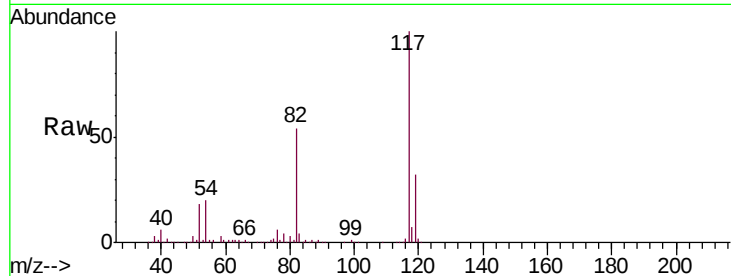




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050065.D
Acq: 26 Jul 2018 00:44

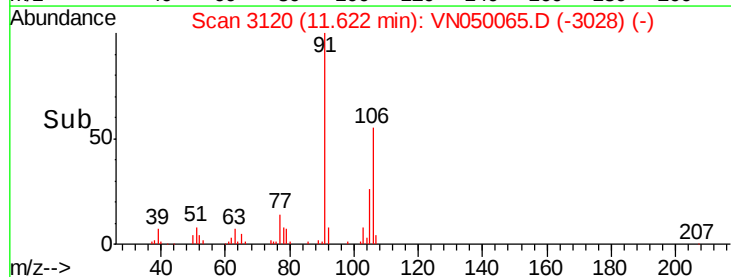
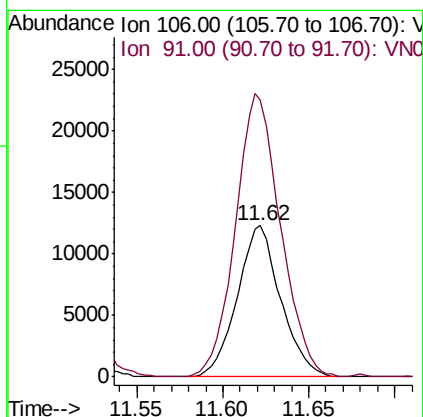
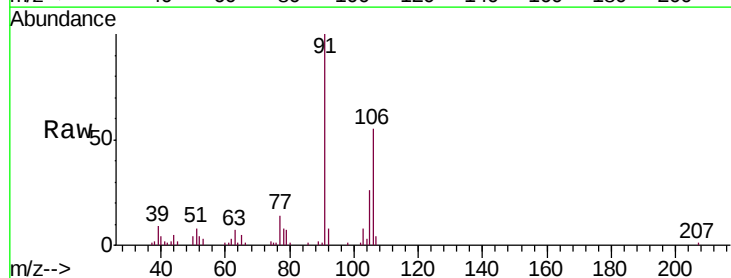
Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-3-0-11

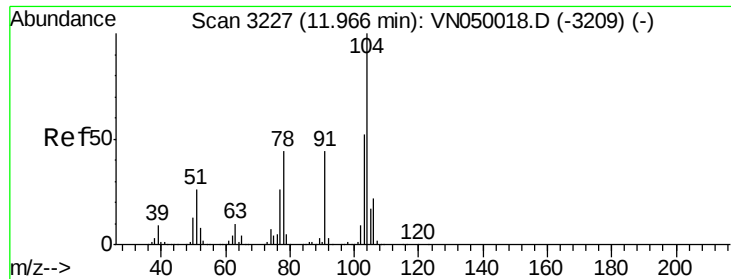
Tot Ion:117 Resp: 856189
Ion Ratio Lower Upper
117 100
82 54.3 43.7 65.5
119 31.9 26.1 39.1



#68
m/p-Xylenes
Concen: 1.64 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050065.D
Acq: 26 Jul 2018 00:44

Tgt Ion:106 Resp: 21549
Ion Ratio Lower Upper
106 100
91 194.5 162.2 243.2

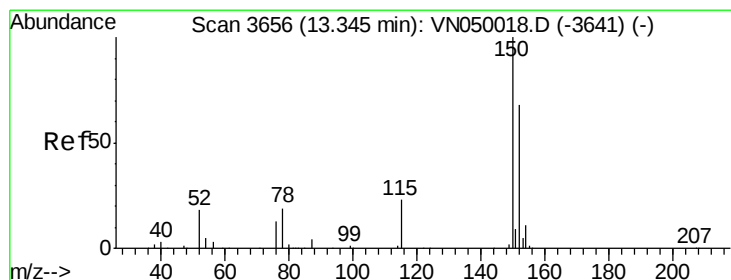
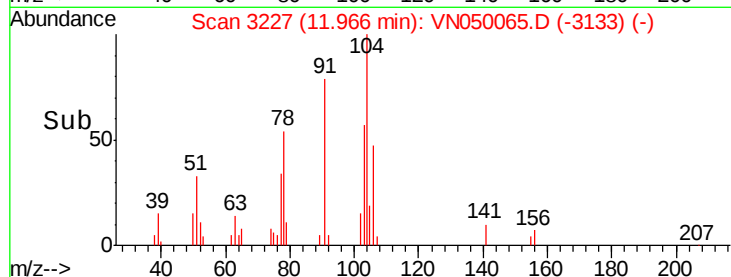
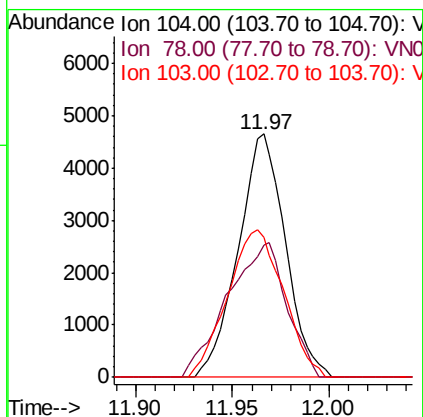
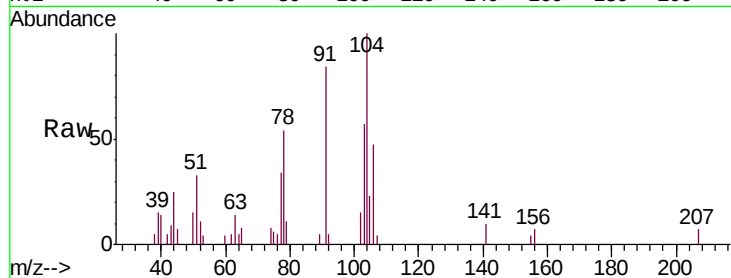




#70
Stvrene
Concen: 1.27 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050065.D
Acq: 26 Jul 2018 00:44

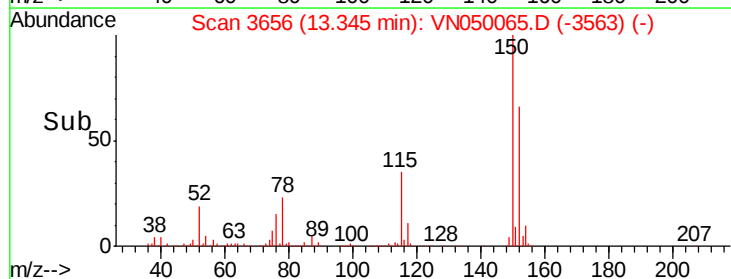
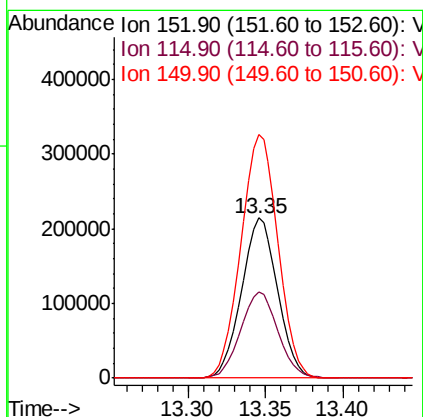
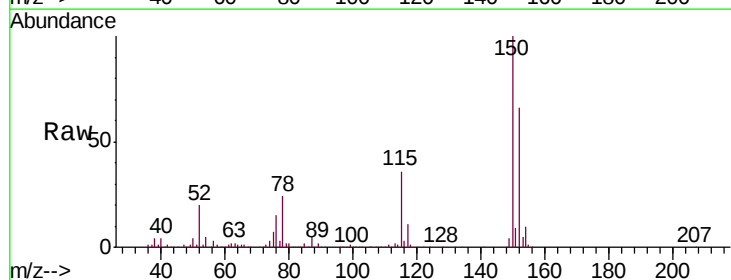
Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-3-0-11

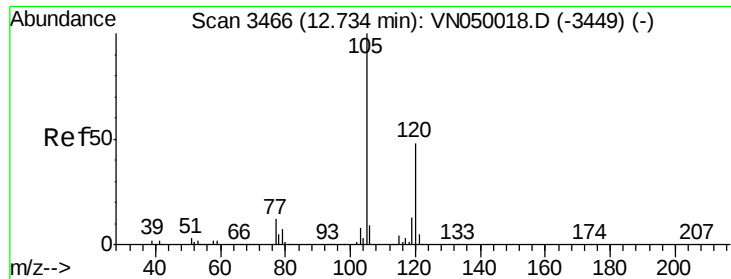
Tot Ion:104 Resp: 7902
Ion Ratio Lower Upper
104 100
78 69.1 39.3 58.9#
103 71.9 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050065.D
Acq: 26 Jul 2018 00:44

Tgt Ion:152 Resp: 347650
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 156.0 0.0 348.6





#80

1,3,5-Trimethylbenzene

Concen: 1.16 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050065.D

Acq: 26 Jul 2018 00:44

Instrument :

MSVOA_N

ClientSampleId :

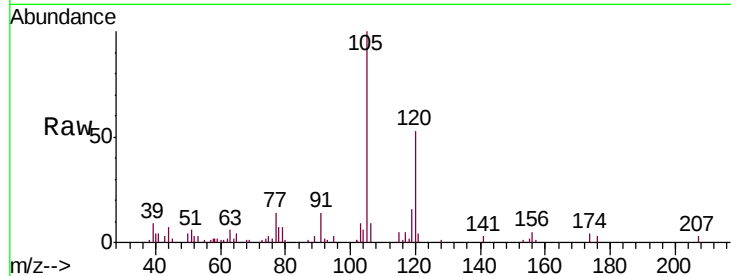
CON-WC-S-3-0-11

Tot Ion:105 Resp: 24511

Ion Ratio Lower Upper

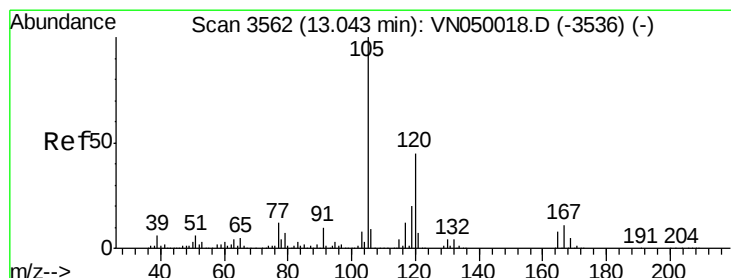
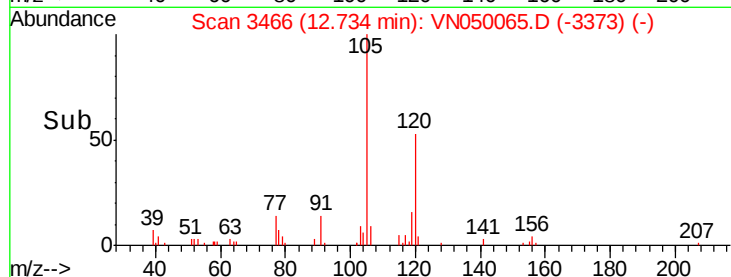
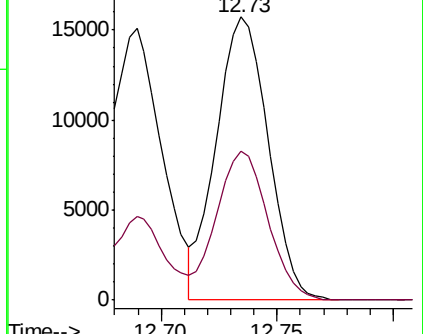
105 100

120 52.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.77 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050065.D

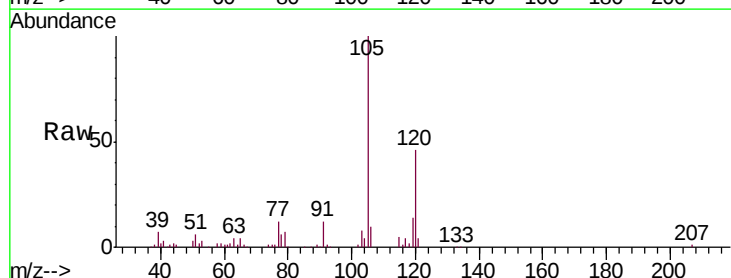
Acq: 26 Jul 2018 00:44

Tgt Ion:105 Resp: 80503

Ion Ratio Lower Upper

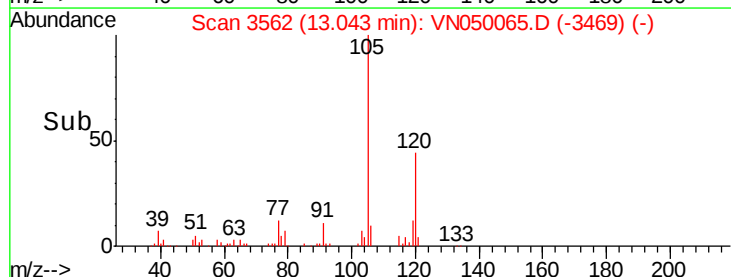
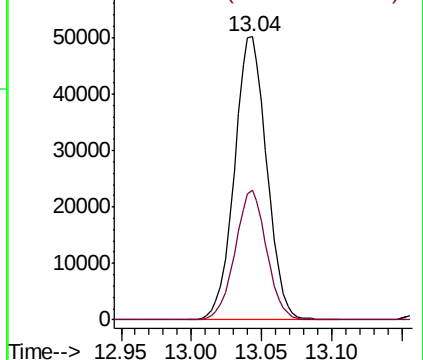
105 100

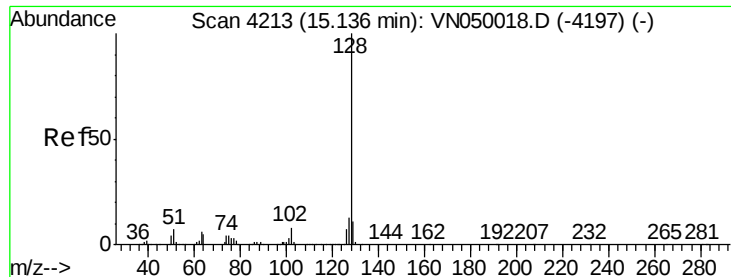
120 44.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

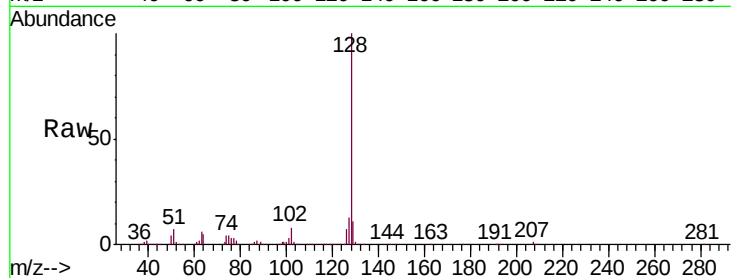




#95
Naphthalene
Concen: 46.96 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050065.D
Acq: 26 Jul 2018 00:44

Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-3-0-11

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.6	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

