

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052730.D
 Acq On : 7 Dec 2018 16:46
 Operator : MD\SY
 Sample : J6214-55
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-2

Quant Time: Dec 10 09:43:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	142649	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	811703	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	675725	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	292005	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	12.40	95	269299	26.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.90%
63) Toluene-d8	10.09	98	937001	29.91	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.70%

Target Compounds

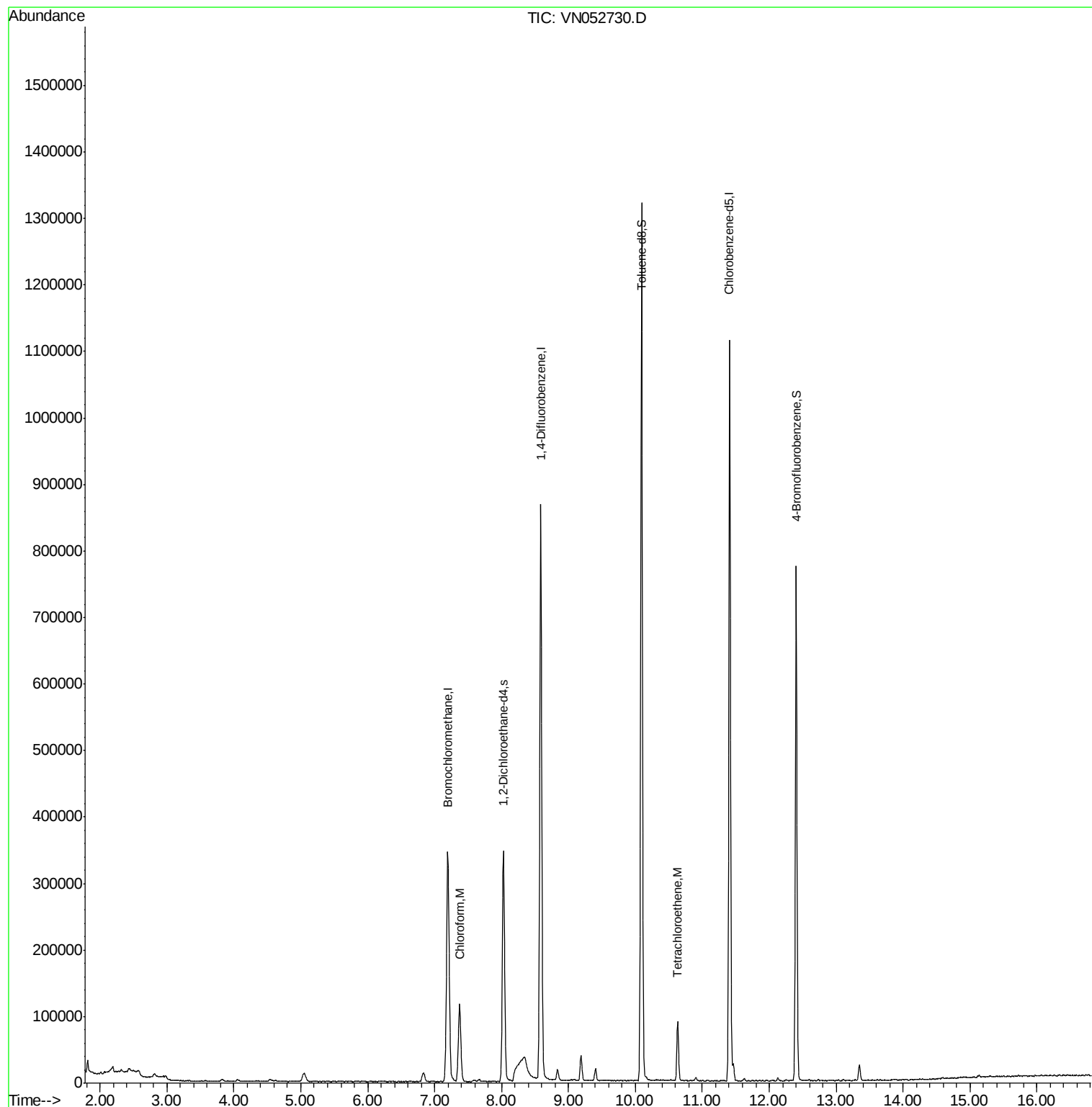
					Qvalue
25) Chloroform	7.37	83	127767	7.926	ug/l 95
61) Tetrachloroethene	10.63	164	22990	2.762	ug/l 94

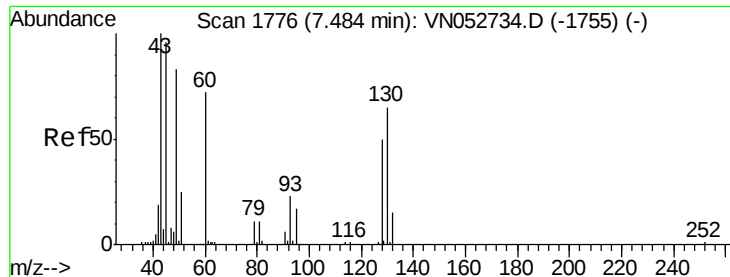
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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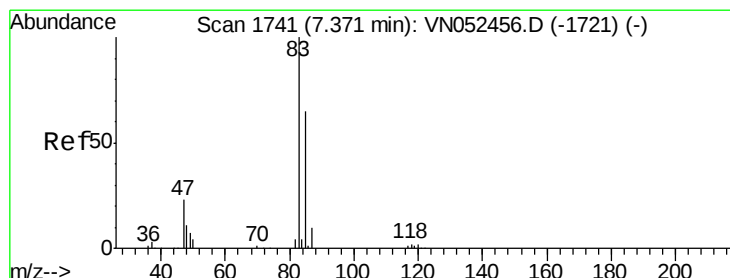
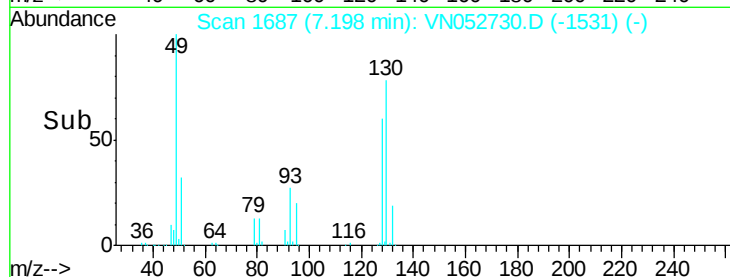
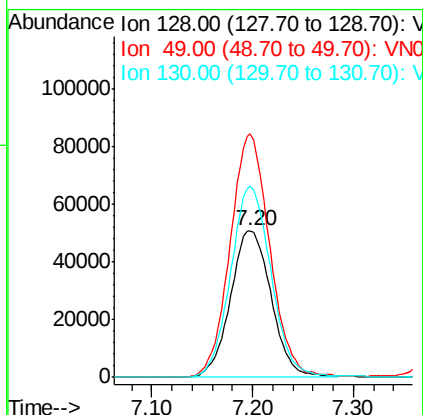
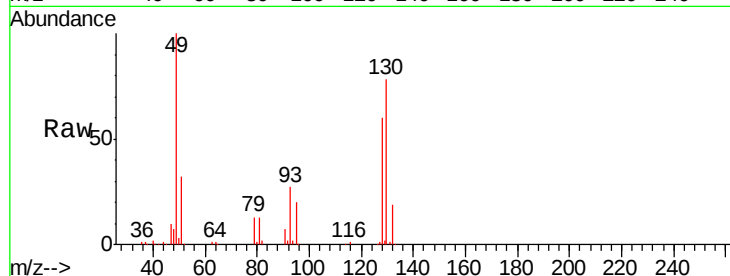




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052730.D
Acq: 7 Dec 2018 16:46

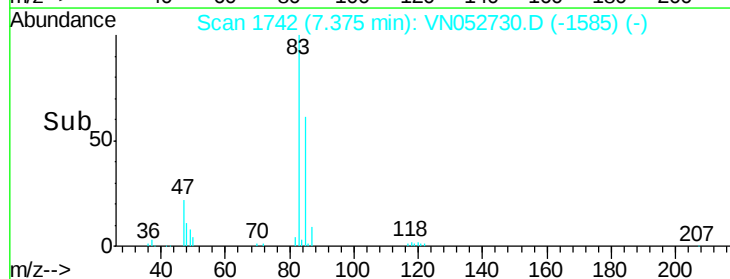
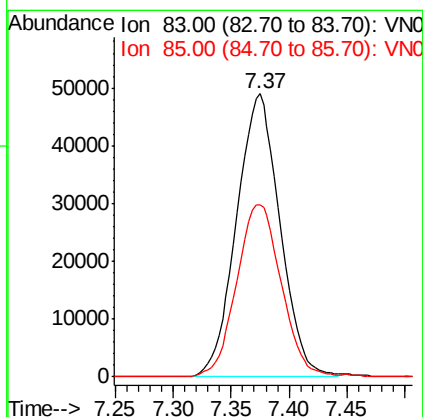
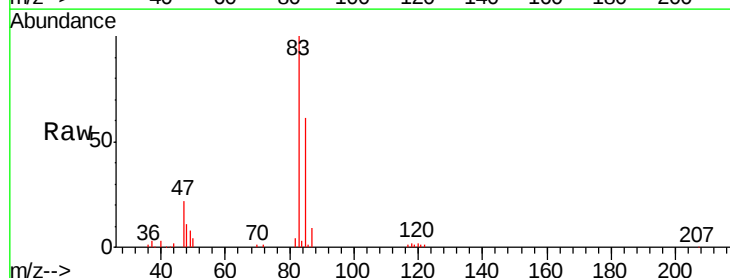
Instrument :
MSVOA_N
ClientSampled :
TW-2

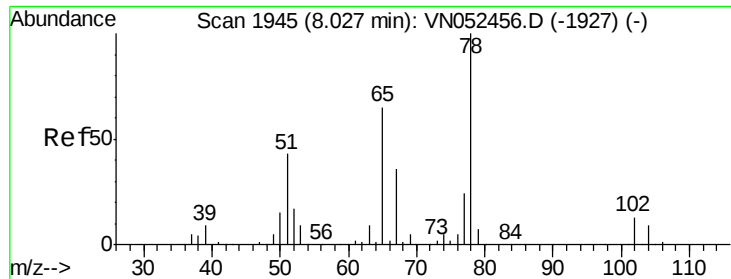
Tgt Ion:128 Resp: 142649
Ion Ratio Lower Upper
128 100
49 161.4 0.0 431.8
130 128.8 0.0 317.0



#25
Chloroform
Concen: 7.926 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052730.D
Acq: 7 Dec 2018 16:46

Tgt Ion: 83 Resp: 127767
Ion Ratio Lower Upper
83 100
85 60.8 51.7 77.5





#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052730.D

Acq: 7 Dec 2018 16:46

Instrument :

MSVOA_N

ClientSampled :

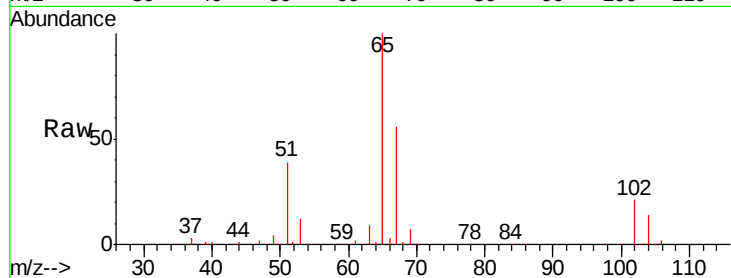
TW-2

Tgt Ion: 65 Resp: 292005

Ion Ratio Lower Upper

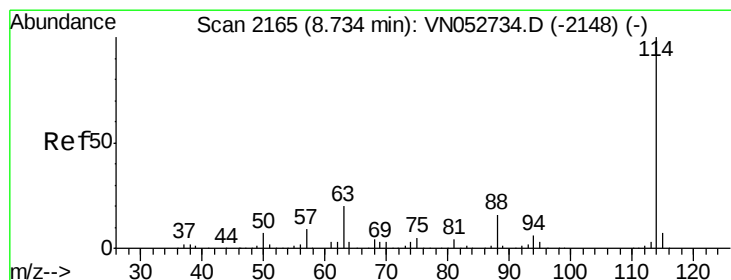
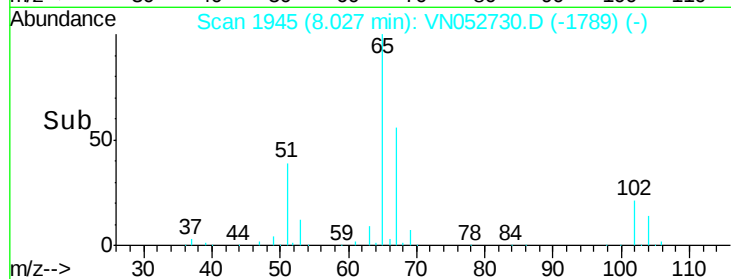
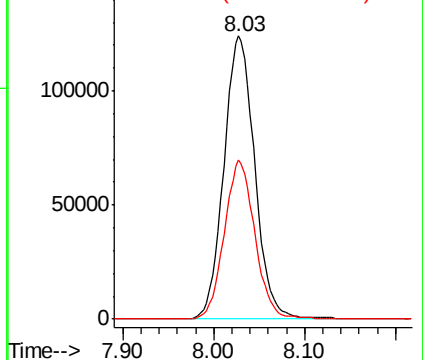
65 100

67 55.5 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052730.D

Acq: 7 Dec 2018 16:46

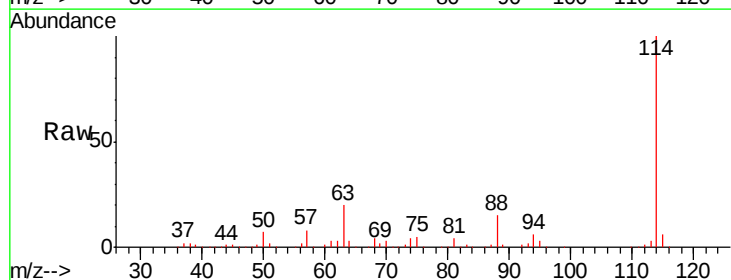
Tgt Ion: 114 Resp: 811703

Ion Ratio Lower Upper

114 100

63 20.3 16.9 25.3

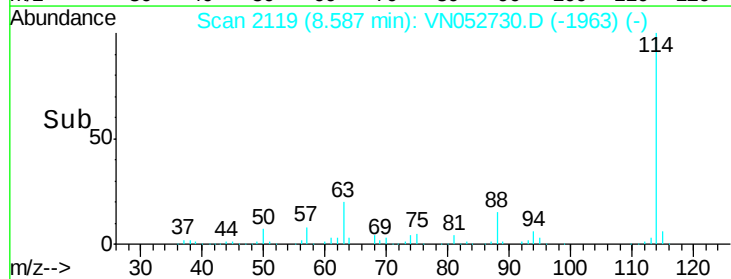
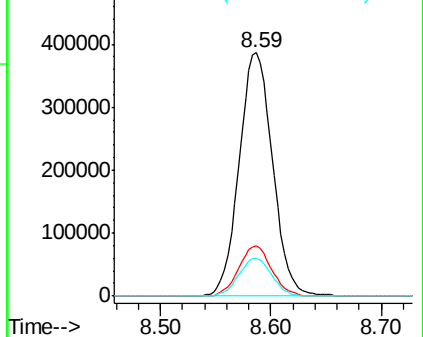
88 15.3 12.8 19.2

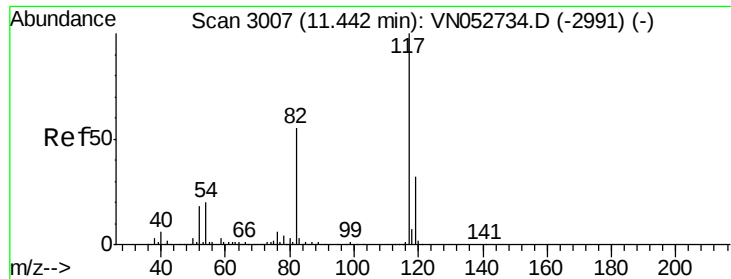


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

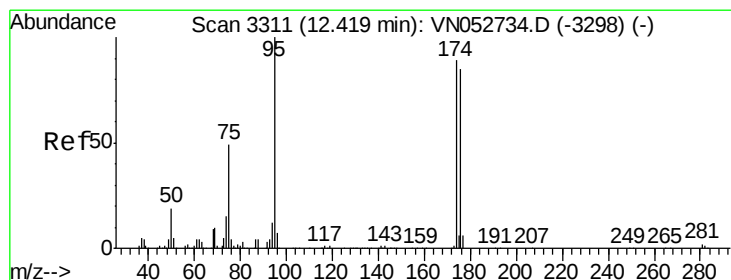
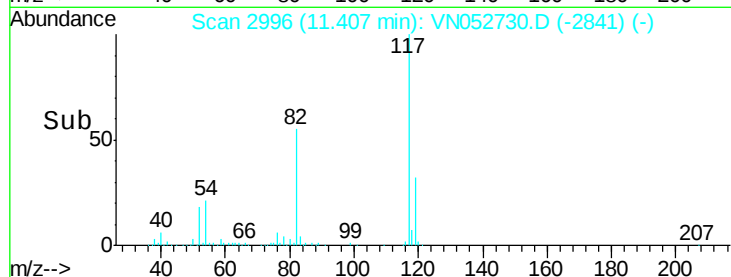
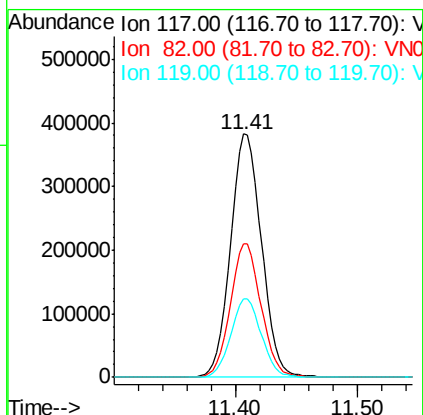
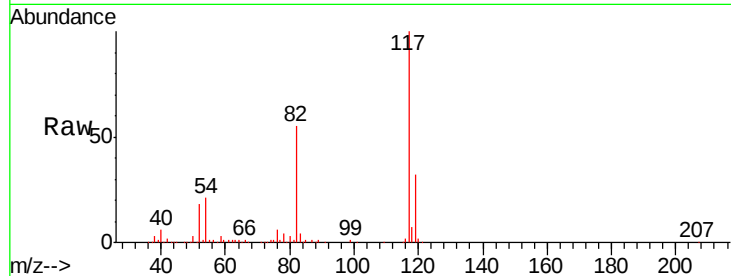




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052730.D
Acq: 7 Dec 2018 16:46

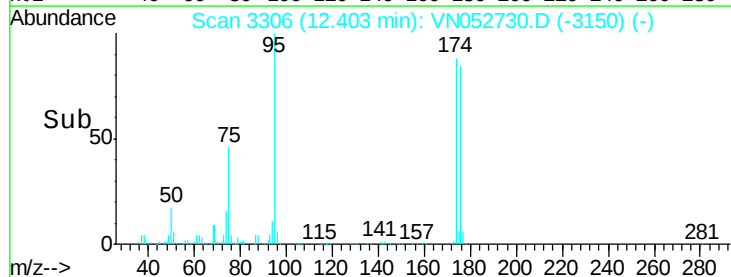
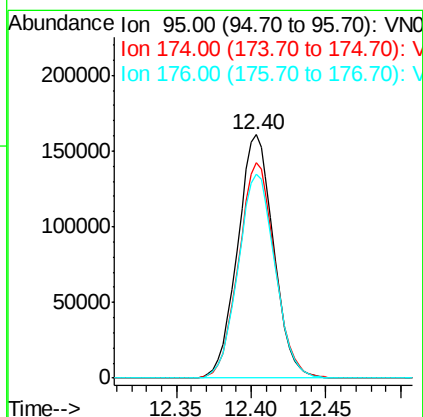
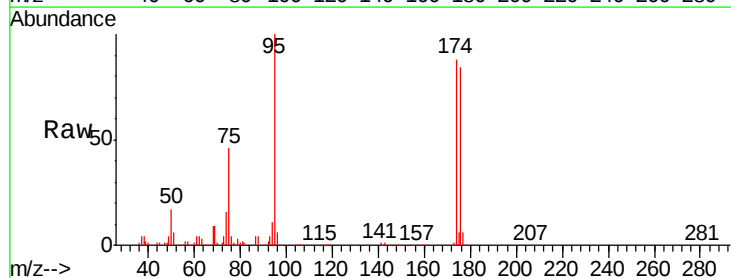
Instrument :
MSVOA_N
ClientSampled :
TW-2

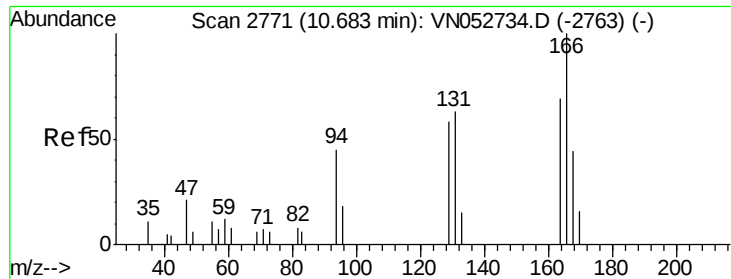
Tgt Ion: 117 Resp: 675725
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.0 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052730.D
Acq: 7 Dec 2018 16:46

Tgt Ion: 95 Resp: 269299
Ion Ratio Lower Upper
95 100
174 89.0 67.9 101.9
176 85.8 66.4 99.6





#61

Tetrachloroethene

Concen: 2.762 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN052730.D

Acq: 7 Dec 2018 16:46

Instrument :

MSVOA_N

ClientSampleId :

TW-2

Tgt Ion:164 Resp: 22990

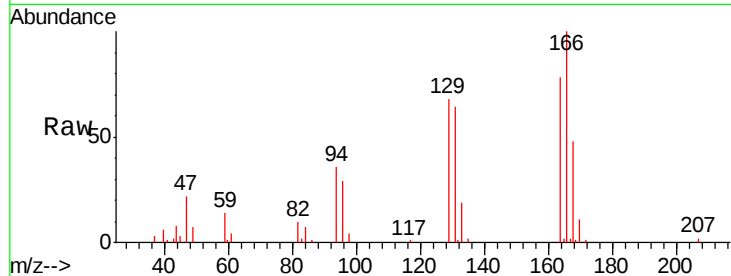
Ion Ratio Lower Upper

164 100

166 128.1 104.6 157.0

129 87.6 75.3 112.9

131 82.3 74.3 111.5

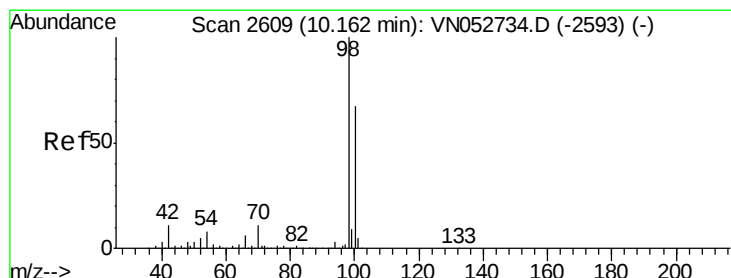
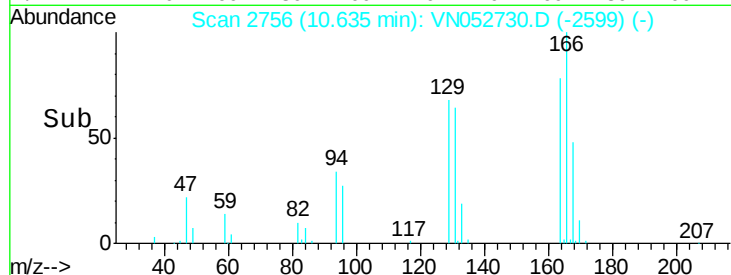
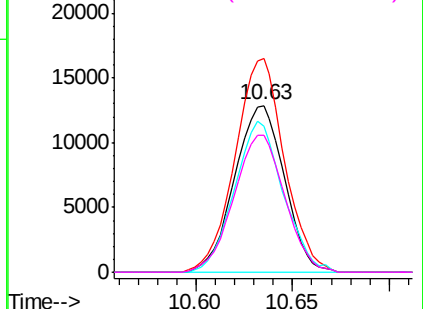


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052730.D

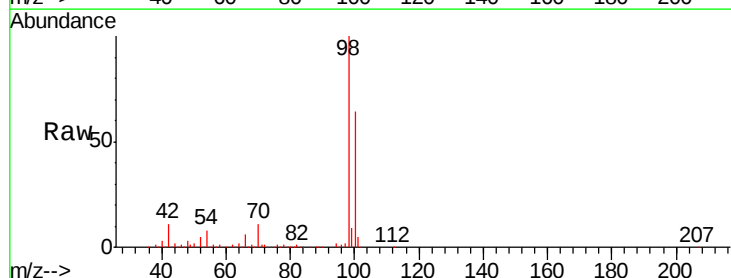
Acq: 7 Dec 2018 16:46

Tgt Ion: 98 Resp: 937001

Ion Ratio Lower Upper

98 100

100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

