

Data File : VN053393.D
Acq On : 14 Jan 2019 15:59
Operator : JC/SP
Sample : K1139-21RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
T-CONTAINMENT

Quant Time: Jan 14 22:58:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	936069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1463036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1358589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	593622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	472297	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	7.59	113	419193	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.09	98	1799672	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	622032	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

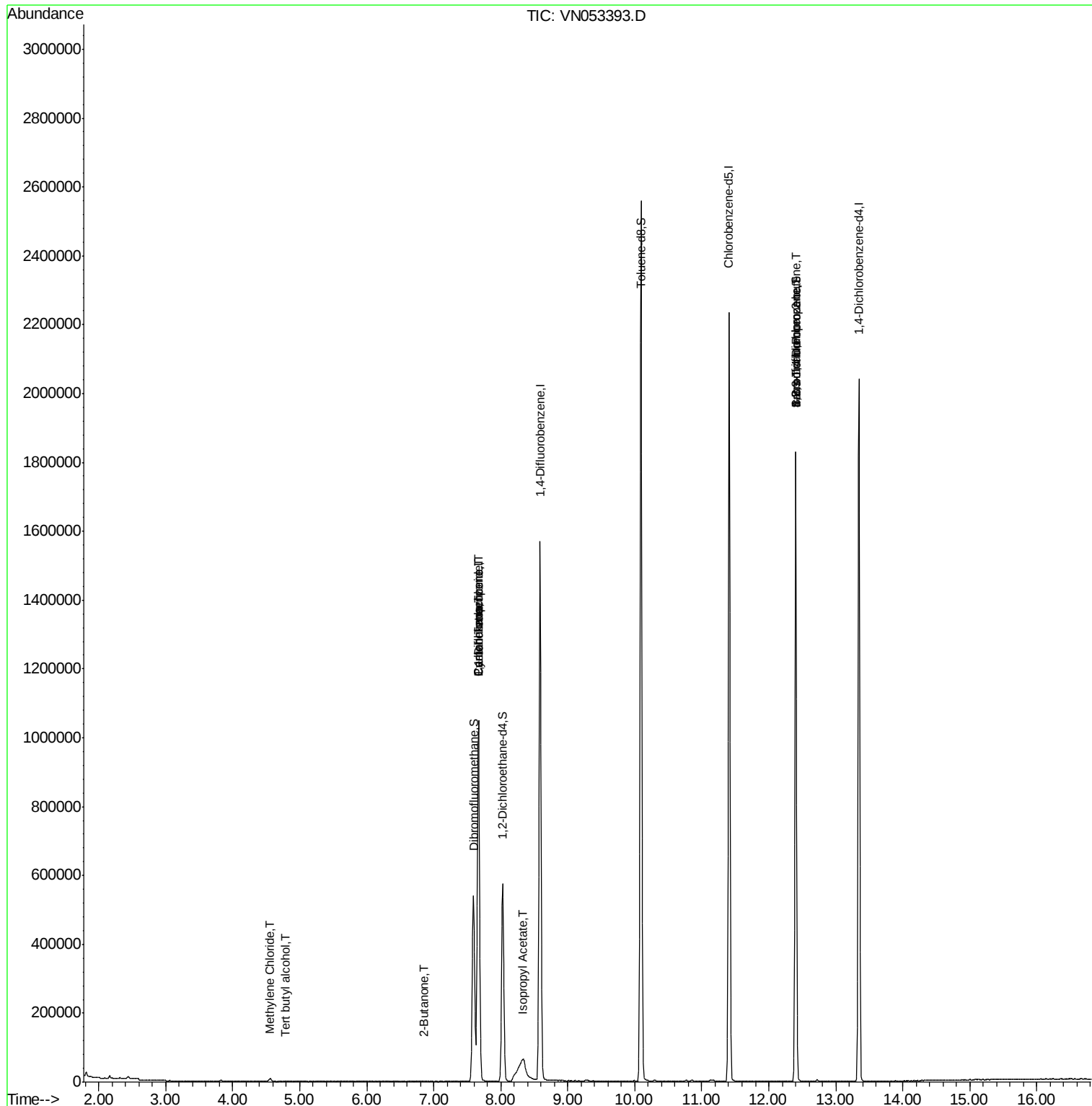
						Qvalue
11) Tert butyl alcohol	4.79	59	241	0.411	ug/l #	73
16) Acetone	3.81	43	3965	Below Cal		92
20) Methylene Chloride	4.55	84	3179	0.304	ug/l	97
25) 2-Butanone	6.85	43	1882	0.471	ug/l #	47
31) Cyclohexane	7.67	56	15205	0.723	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	59639	4.366	ug/l #	48
38) Carbon Tetrachloride	7.67	117	79223	6.284	ug/l #	16
43) Isopropyl Acetate	8.33	43	186962	10.683	ug/l #	53
71) Bromoform	12.40	173	3930	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	289575	33.445	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	289575	98.400	ug/l #	14

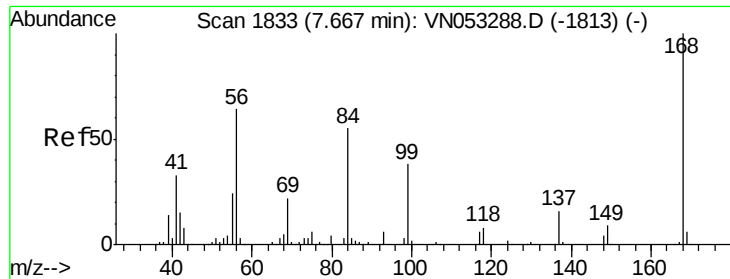
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN053393.D
Acq On : 14 Jan 2019 15:59
Operator : JC/SP
Sample : K1139-21RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
T-CONTAINMENT

Quant Time: Jan 14 22:58:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053393.D

Acq: 14 Jan 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

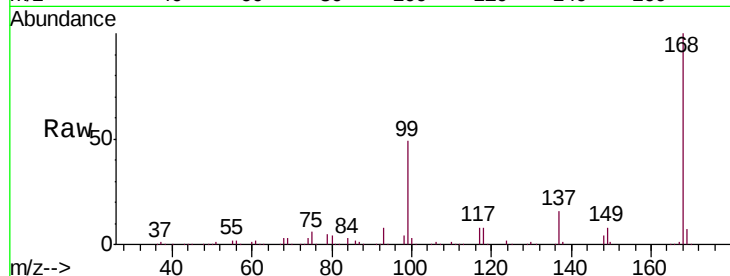
T-CONTAINMENT

Tgt Ion: 168 Resp: 936069

Ion Ratio Lower Upper

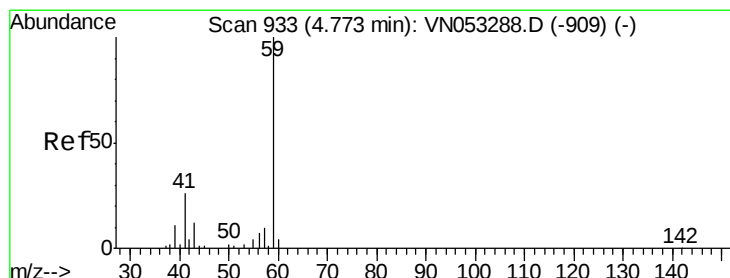
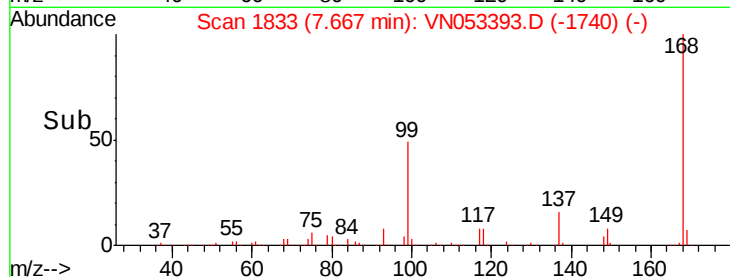
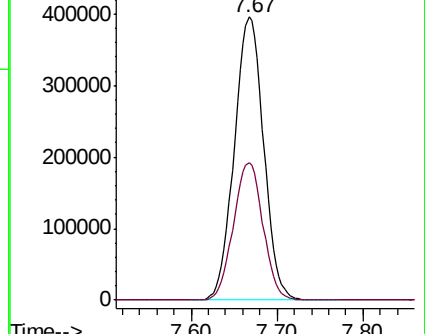
168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.411 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN053393.D

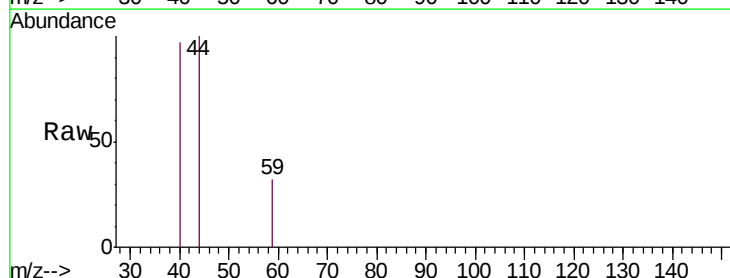
Acq: 14 Jan 2019 15:59

Tgt Ion: 59 Resp: 241

Ion Ratio Lower Upper

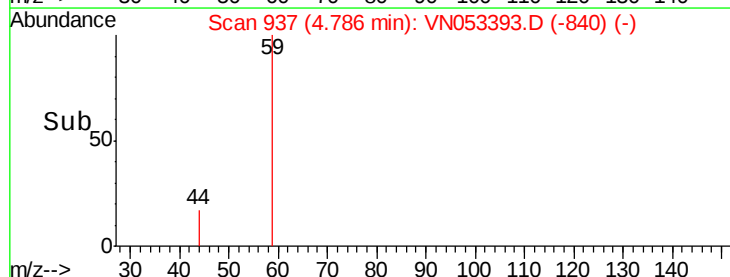
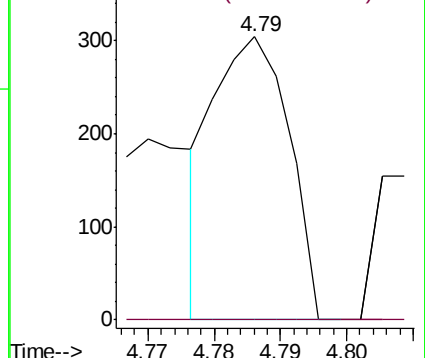
59 100

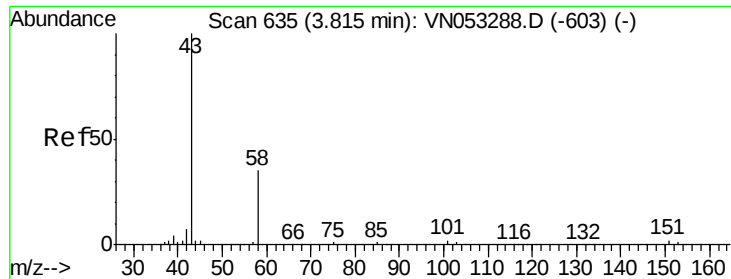
57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: Below Cal

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053393.D

Acq: 14 Jan 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

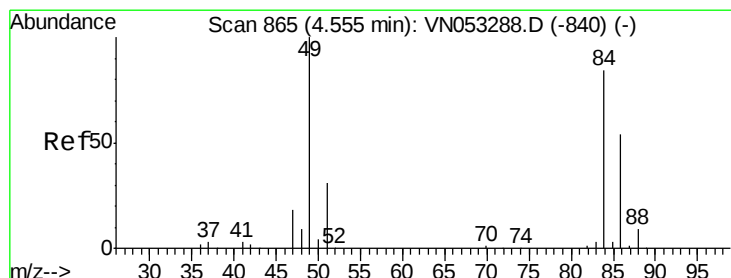
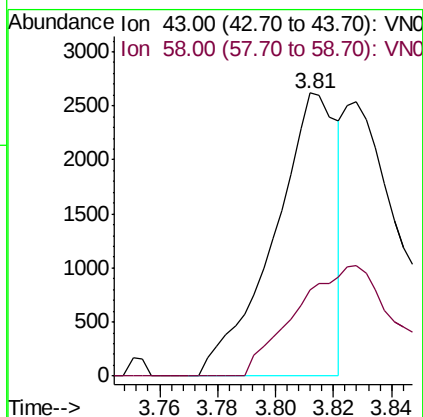
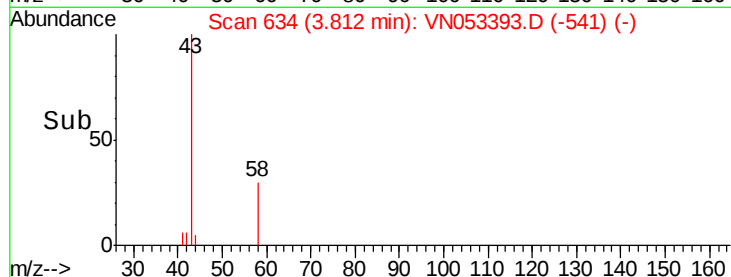
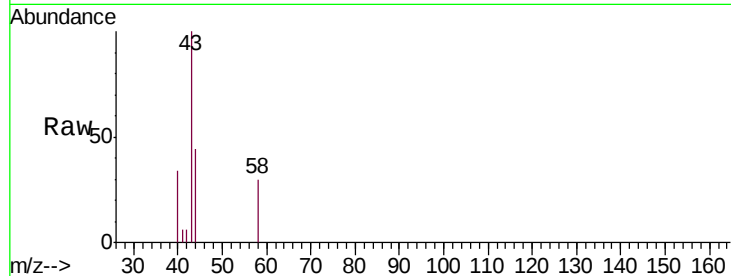
T-CONTAINMENT

Tgt Ion: 43 Resp: 3965

Ion Ratio Lower Upper

43 100

58 30.3 27.8 41.6



#20

Methylene Chloride

Concen: 0.304 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.01 min

Lab File: VN053393.D

Acq: 14 Jan 2019 15:59

Tgt Ion: 84 Resp: 3179

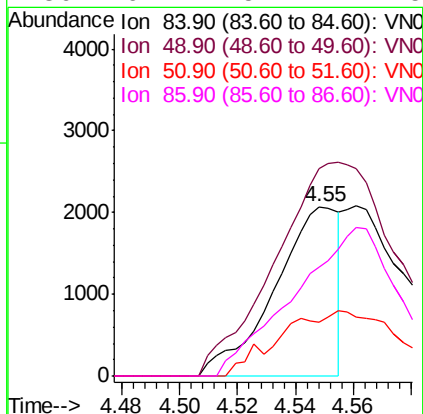
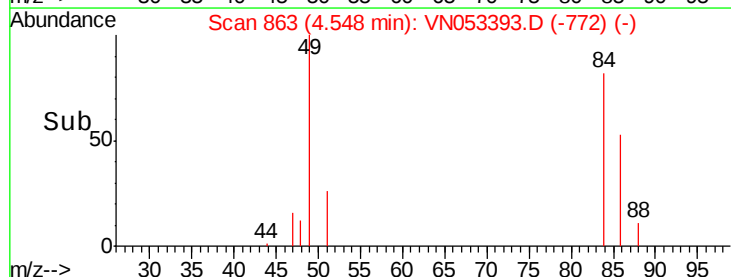
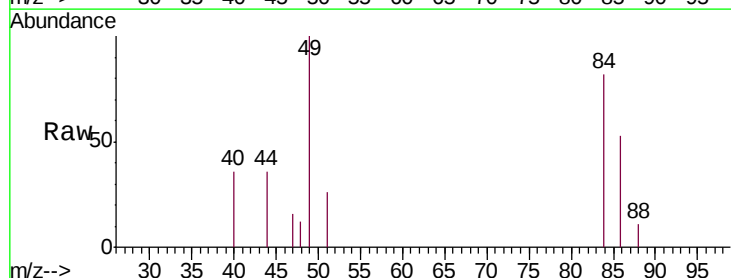
Ion Ratio Lower Upper

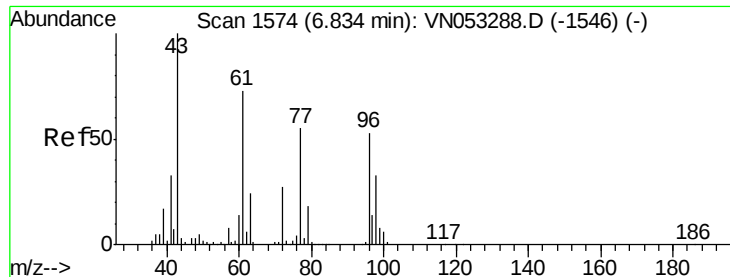
84 100

49 122.2 95.3 142.9

51 31.5 29.0 43.6

86 64.2 51.7 77.5

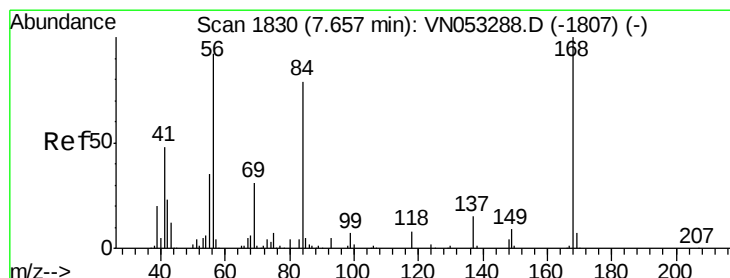
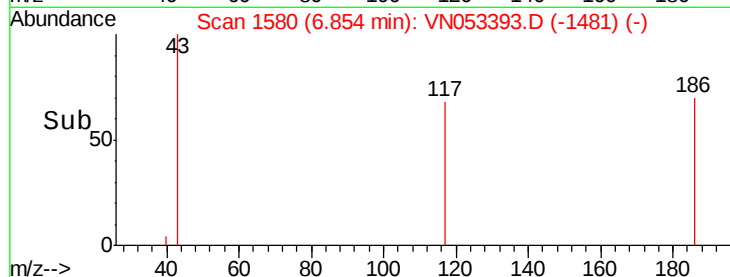
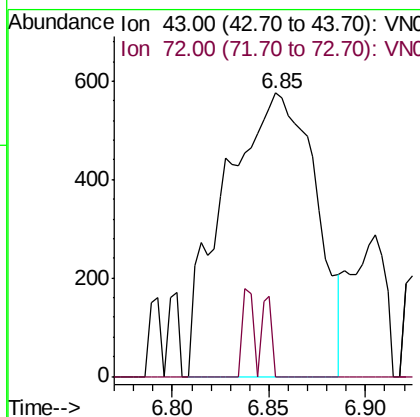
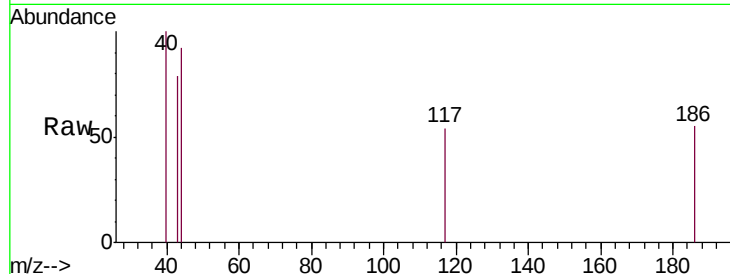




#25
2-Butanone
Concen: 0.471 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN053393.D
Acq: 14 Jan 2019 15:59

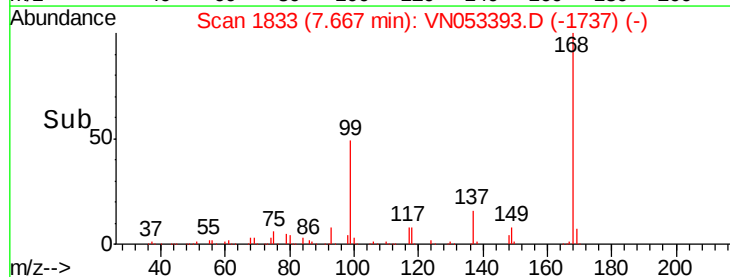
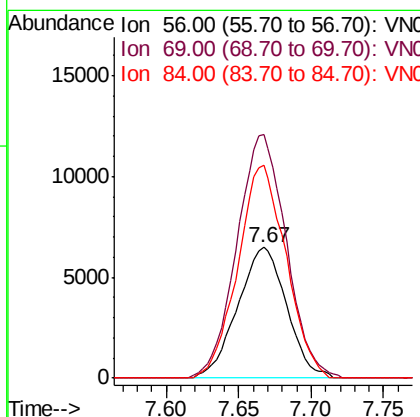
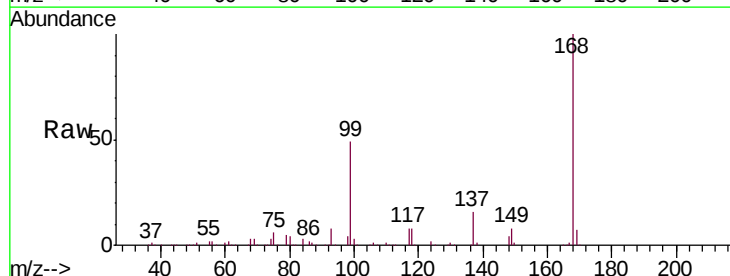
Instrument :
MSVOA_N
ClientSampleId :
T-CONTAINMENT

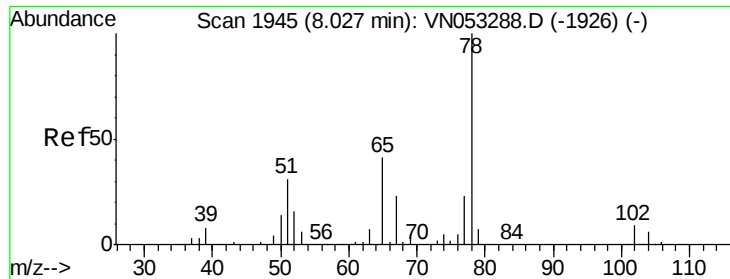
Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 0.723 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053393.D
Acq: 14 Jan 2019 15:59

Tgt Ion: 56 Resp: 15205
Ion Ratio Lower Upper
56 100
69 186.3 26.7 40.1#
84 162.9 68.2 102.4#

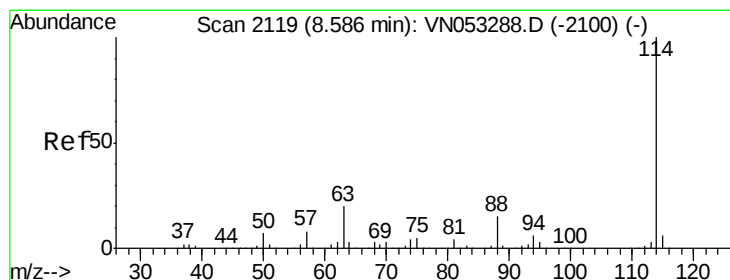
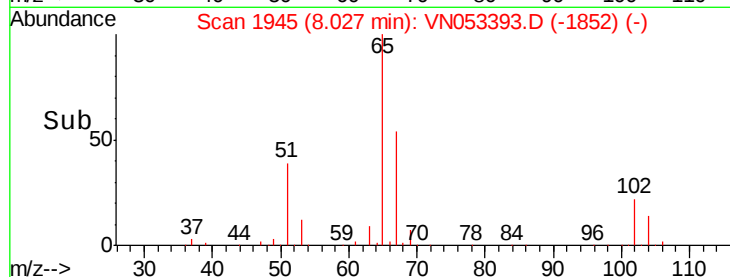
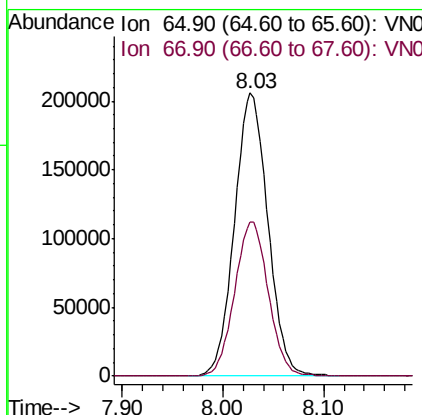
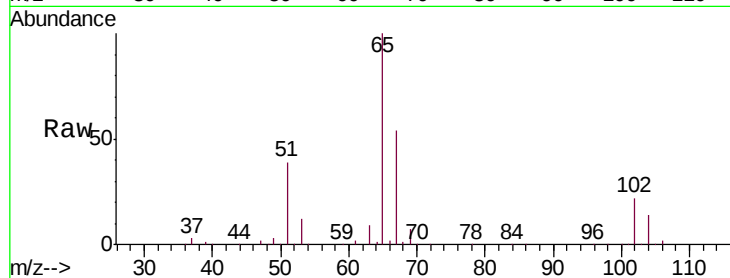




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053393.D
 Acq: 14 Jan 2019 15:59

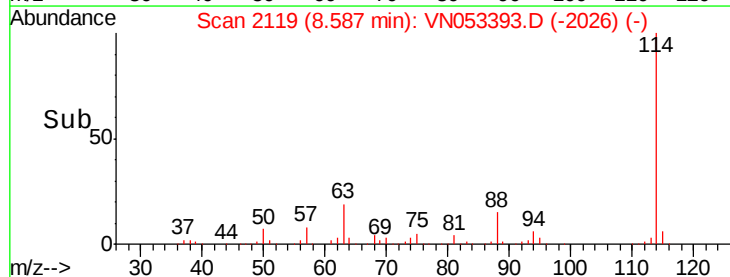
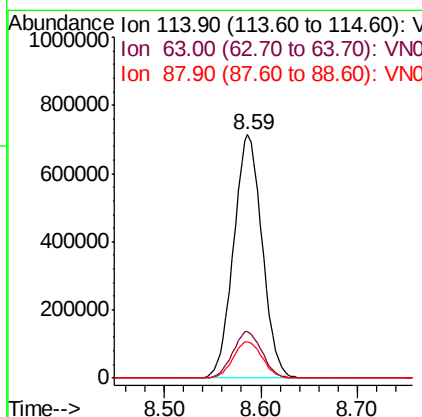
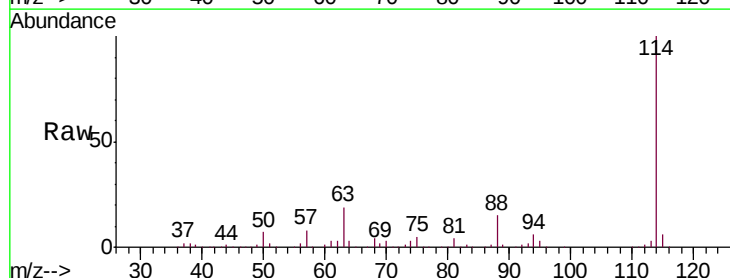
Instrument :
 MSVOA_N
 ClientSampleId :
 T-CONTAINMENT

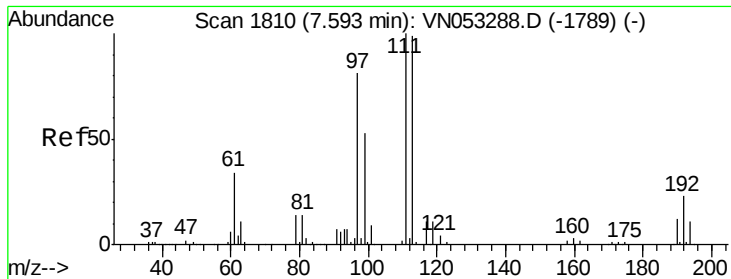
Tgt Ion: 65 Resp: 472297
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053393.D
 Acq: 14 Jan 2019 15:59

Tgt Ion: 114 Resp: 1463036
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.0 0.0 30.8

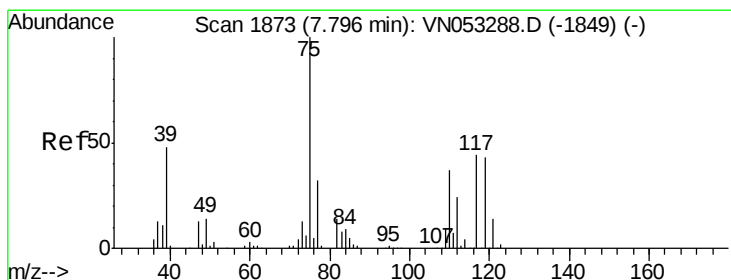
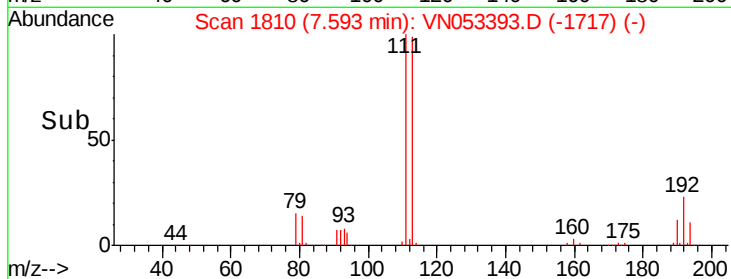
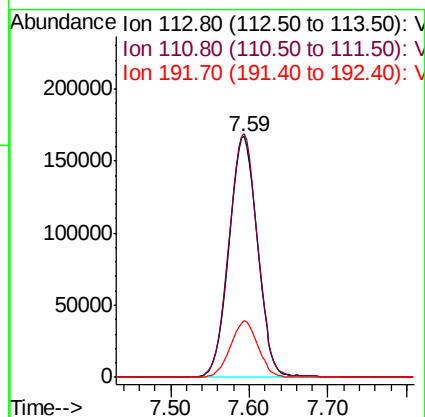
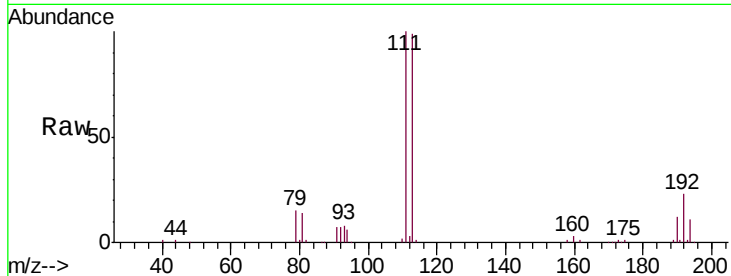




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053393.D
 Acq: 14 Jan 2019 15:59

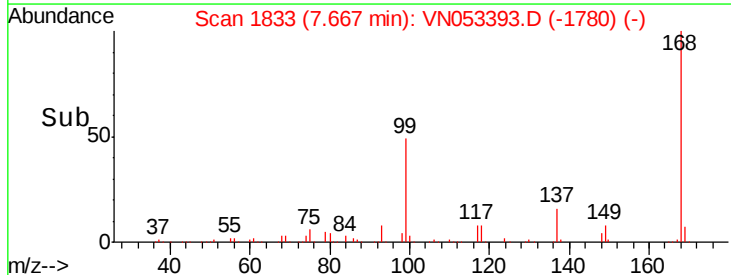
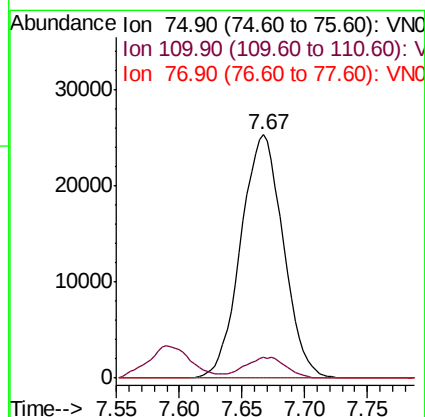
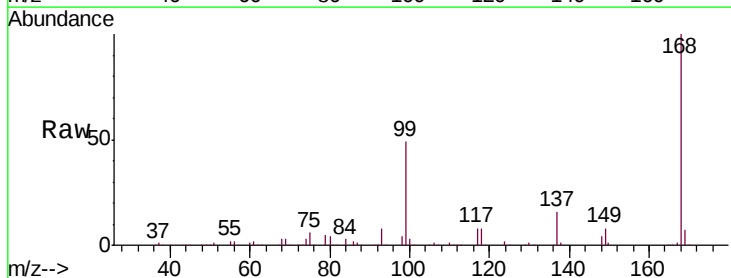
Instrument :
 MSVOA_N
 ClientSampleId :
 T-CONTAINMENT

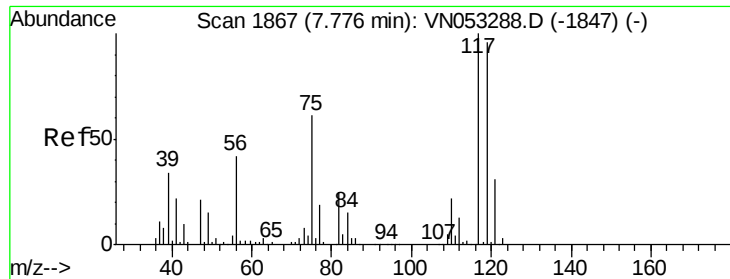
Tgt Ion:113 Resp: 419193
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.4 122.2
 192 22.6 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 4.366 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053393.D
 Acq: 14 Jan 2019 15:59

Tgt Ion: 75 Resp: 59639
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.4 55.0#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.284 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN053393.D

Acq: 14 Jan 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

T-CONTAINMENT

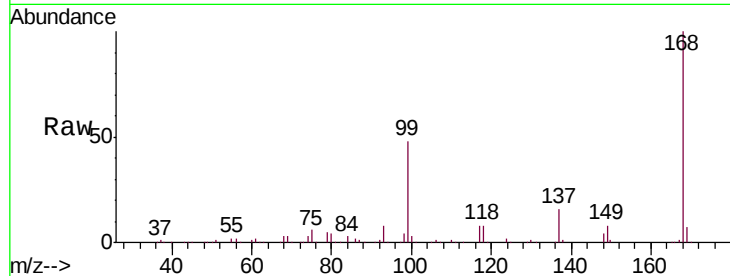
Tgt Ion:117 Resp: 79223

Ion Ratio Lower Upper

117 100

119 5.5 76.6 115.0#

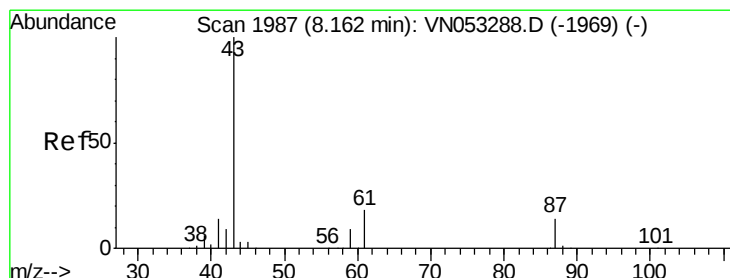
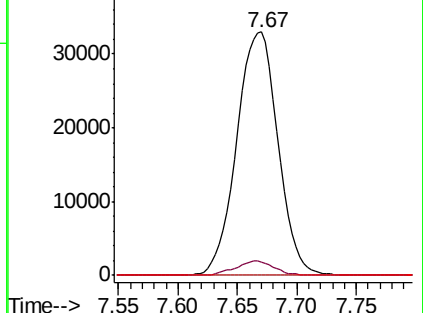
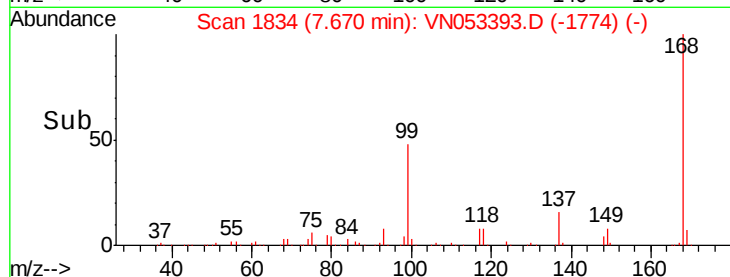
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 10.683 ug/l

RT: 8.33 min Scan# 2039

Delta R.T. 0.17 min

Lab File: VN053393.D

Acq: 14 Jan 2019 15:59

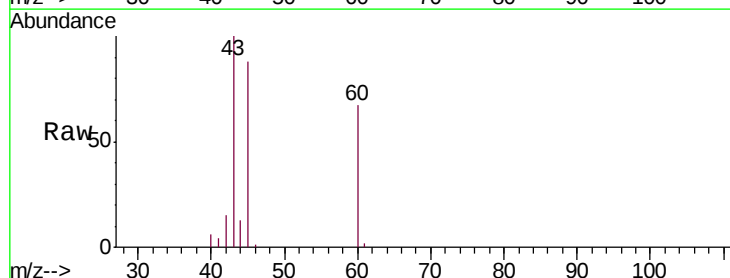
Tgt Ion: 43 Resp: 186962

Ion Ratio Lower Upper

43 100

61 0.4 23.3 34.9#

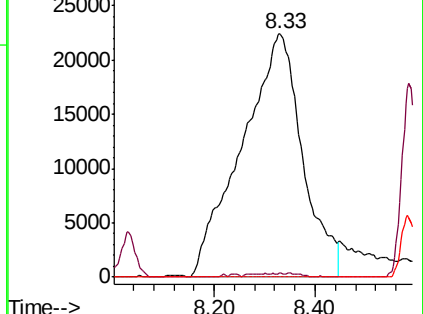
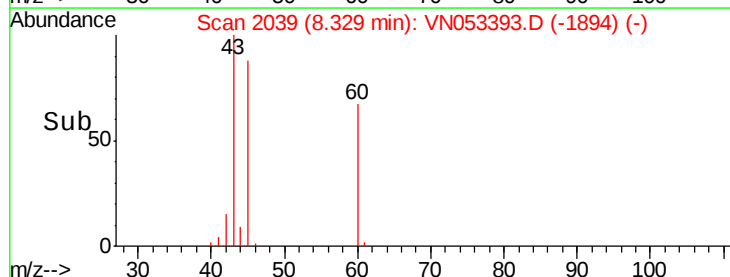
87 0.0 10.8 16.2#

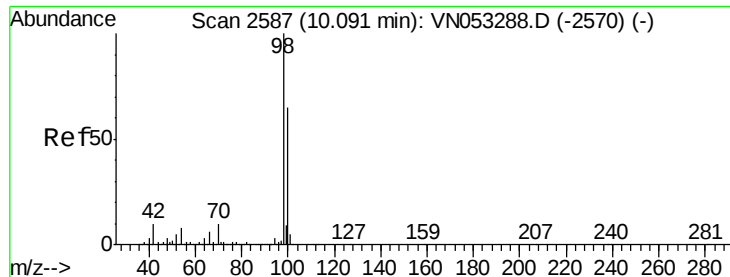


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053393.D

Acq: 14 Jan 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

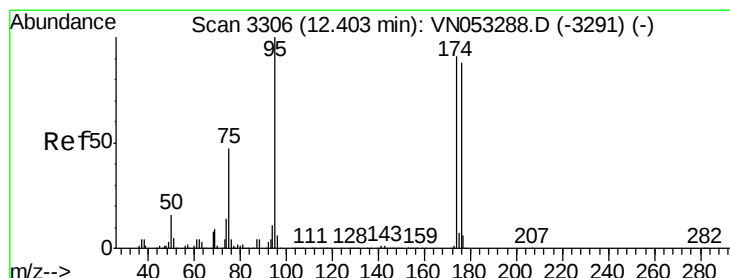
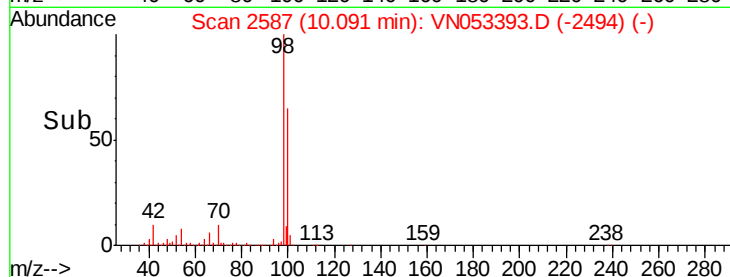
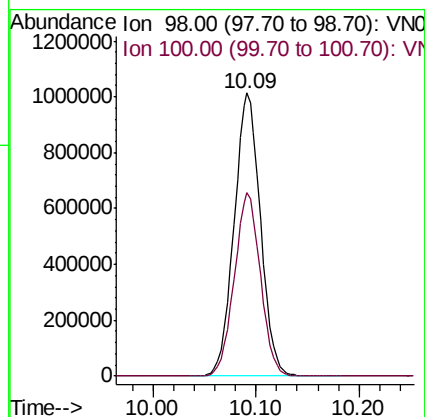
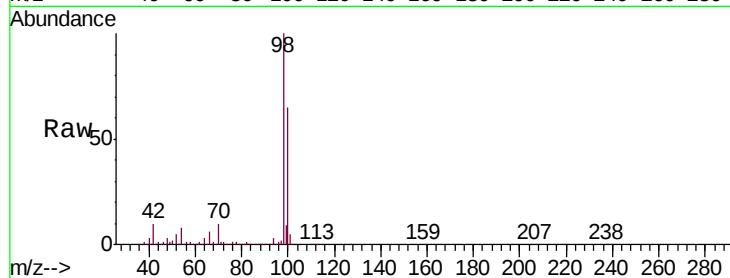
T-CONTAINMENT

Tgt Ion: 98 Resp: 1799672

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053393.D

Acq: 14 Jan 2019 15:59

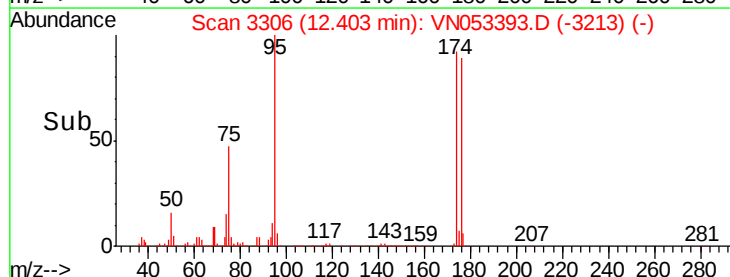
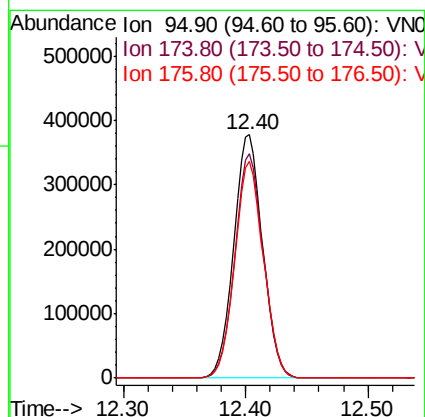
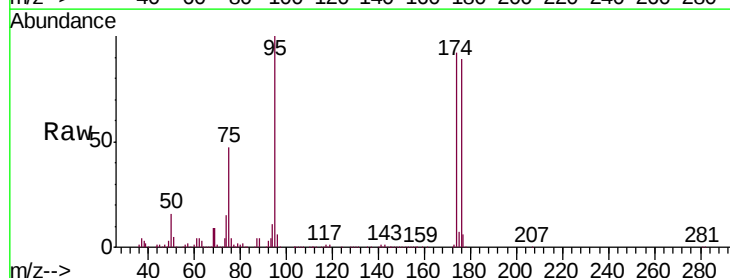
Tgt Ion: 95 Resp: 622032

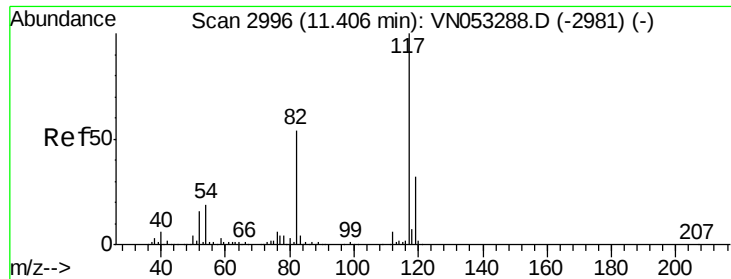
Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.4

176 88.2 0.0 175.6

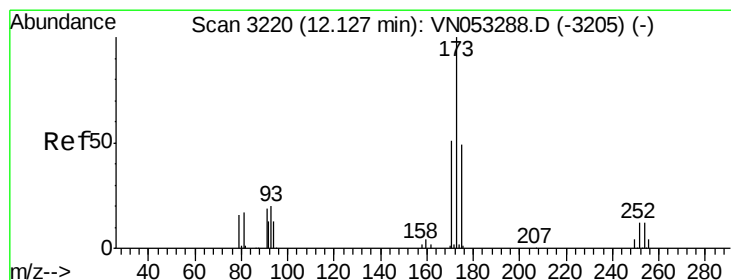
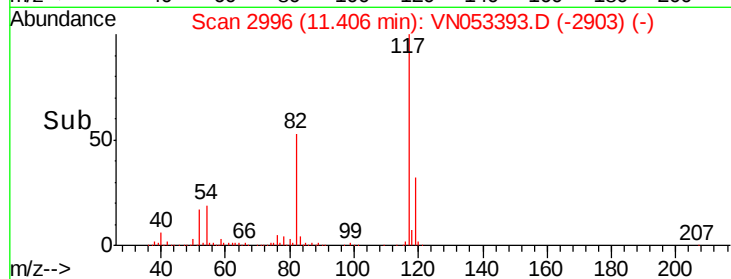
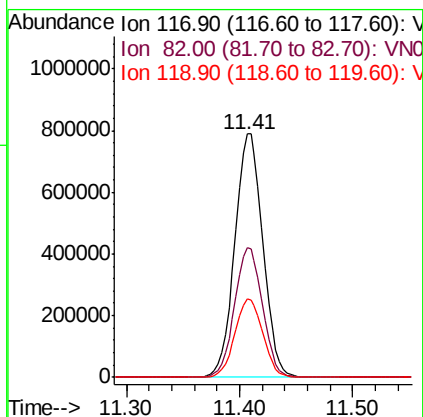
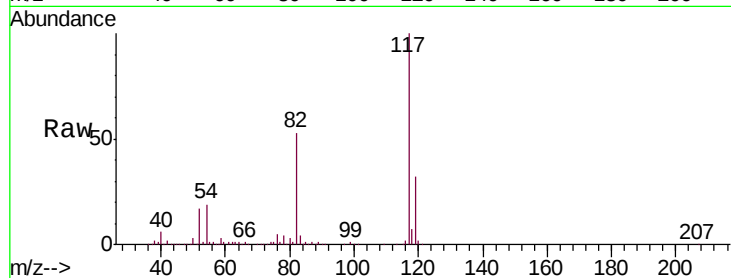




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053393.D
Acq: 14 Jan 2019 15:59

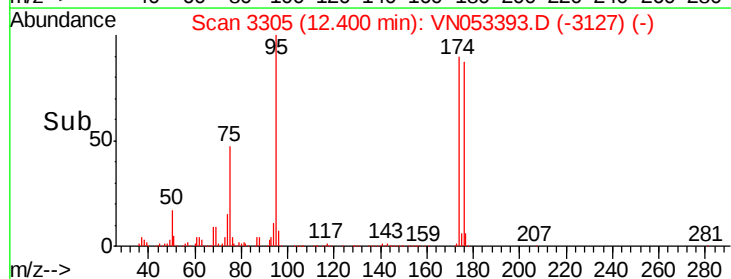
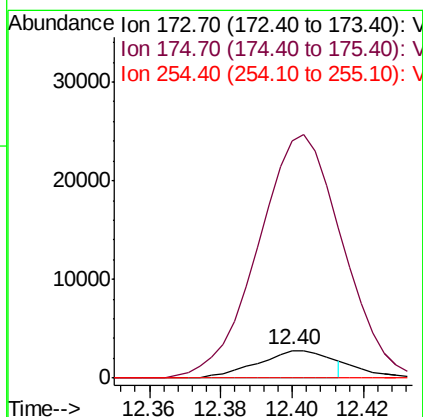
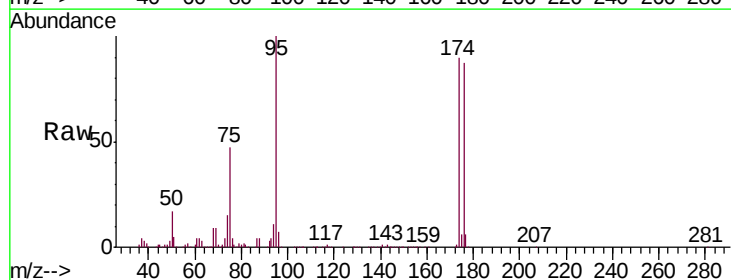
Instrument :
MSVOA_N
ClientSampleId :
T-CONTAINMENT

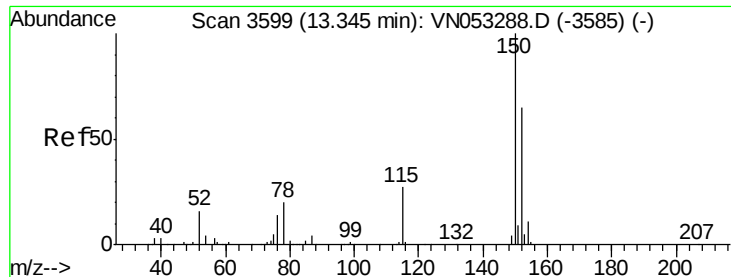
Tgt Ion:117 Resp: 1358589
Ion Ratio Lower Upper
117 100
82 53.2 42.9 64.3
119 32.0 25.6 38.4



#71
Bromoform
Concen: 0.539 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053393.D
Acq: 14 Jan 2019 15:59

Tgt Ion:173 Resp: 3930
Ion Ratio Lower Upper
173 100
175 889.7 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053393.D

Acq: 14 Jan 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

T-CONTAINMENT

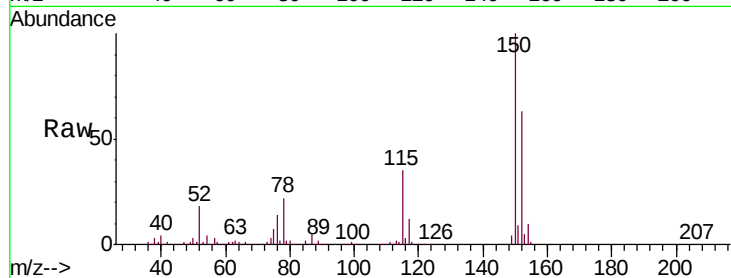
Tgt Ion:152 Resp: 593622

Ion Ratio Lower Upper

152 100

115 55.9 28.0 84.0

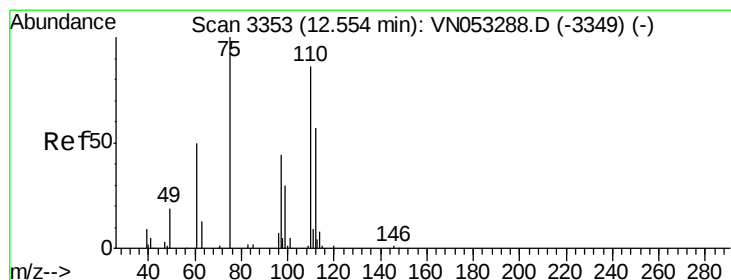
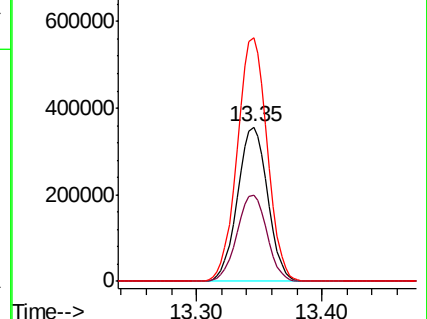
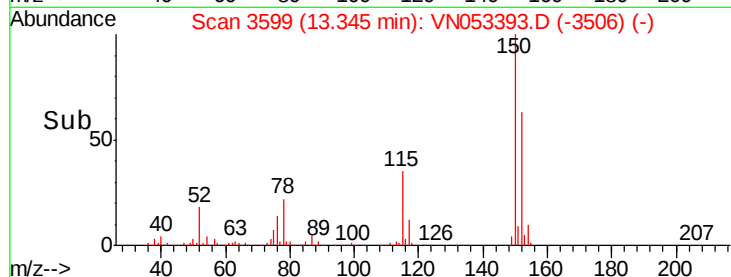
150 156.5 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 33.445 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053393.D

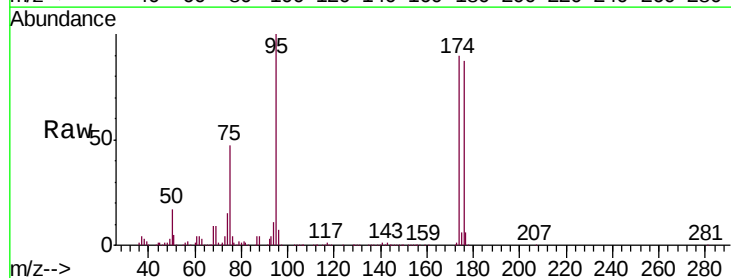
Acq: 14 Jan 2019 15:59

Tgt Ion: 75 Resp: 289575

Ion Ratio Lower Upper

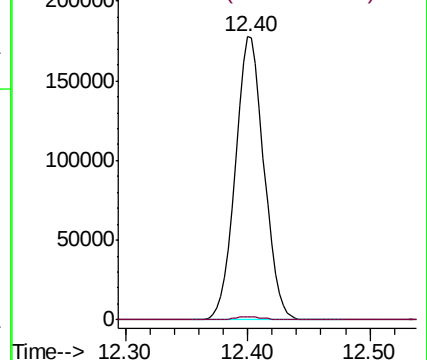
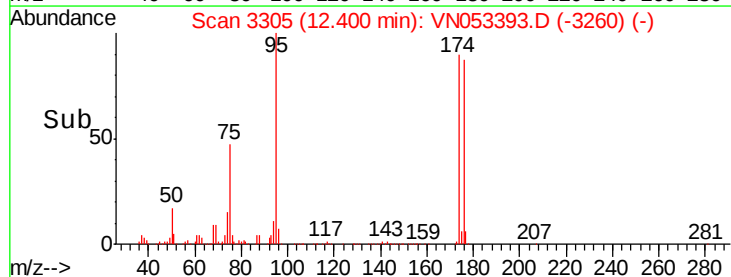
75 100

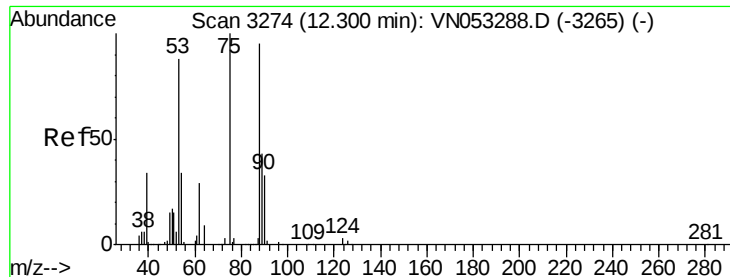
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 98.400 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053393.D

Acq: 14 Jan 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

T-CONTAINMENT

Tgt Ion: 75 Resp: 289575

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 35.4 53.0#

