

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121718\
 Data File : VN052947.D
 Acq On : 18 Dec 2018 00:58
 Operator : MD\SY
 Sample : J6378-06ME
 Misc : 3.21g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD010-0006-01ME

Quant Time: Dec 18 06:30:33 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

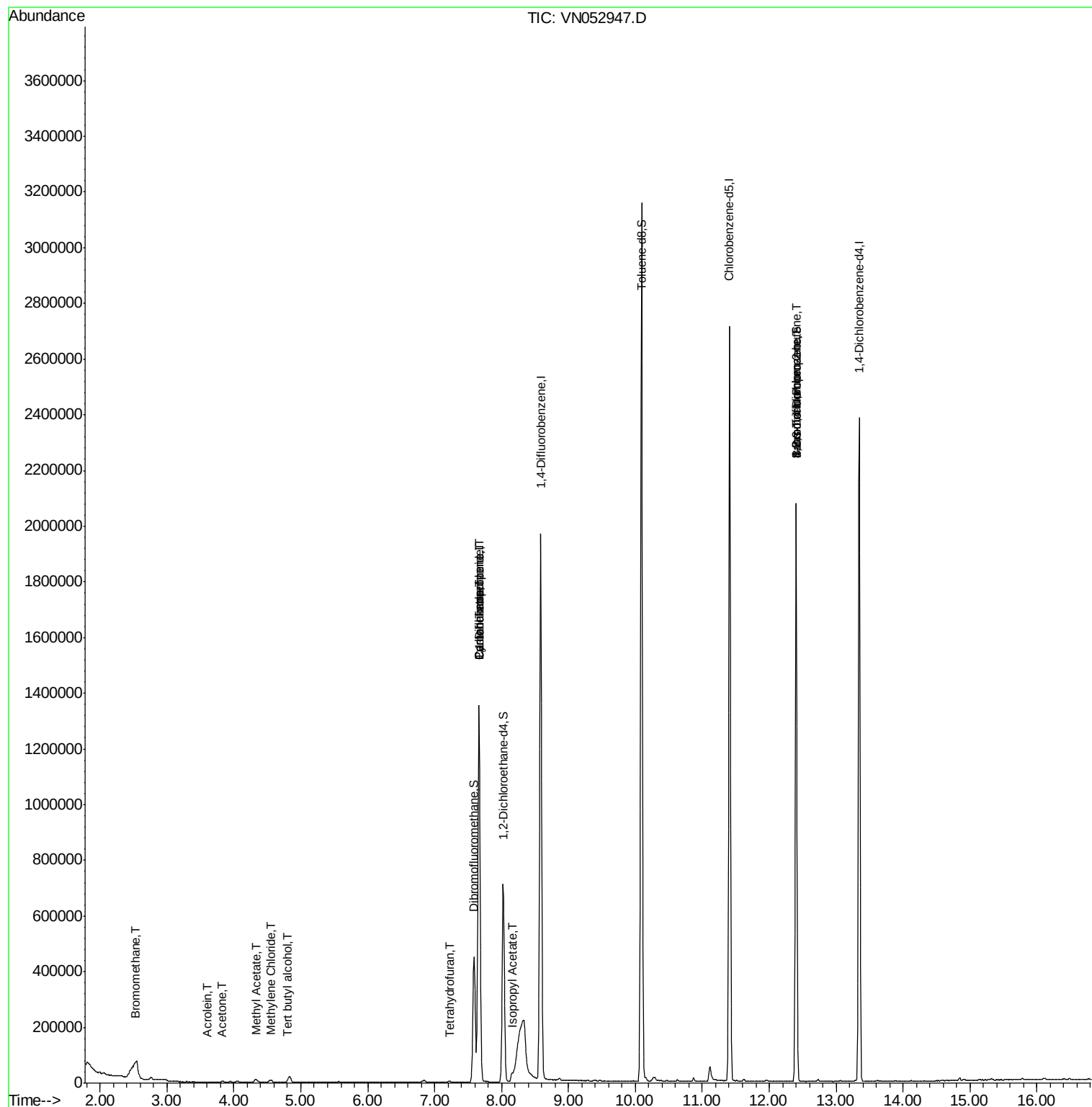
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1201107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1842547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1641572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	684879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	589790	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
35) Dibromofluoromethane	7.59	113	351242	34.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.30%	
50) Toluene-d8	10.09	98	2259440	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	727062	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.52	94	2110	0.230	ug/l #	80
11) Tert butyl alcohol	4.79	59	156	0.219	ug/l #	74
13) Acrolein	3.61	56	372	0.554	ug/l #	14
16) Acetone	3.83	43	5683	1.981	ug/l	93
18) Methyl Acetate	4.33	43	23287	2.212	ug/l	98
20) Methylene Chloride	4.54	84	3633	0.281	ug/l #	77
29) Tetrahydrofuran	7.22	42	2582	0.850	ug/l #	79
31) Cyclohexane	7.67	56	20401	0.367	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	79715	4.698	ug/l #	49
38) Carbon Tetrachloride	7.66	117	102913	6.590	ug/l #	16
43) Isopropyl Acetate	8.16	43	22036	1.054	ug/l #	56
71) Bromoform	12.40	173	4437	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	342478	33.893	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	342478	108.882	ug/l #	12

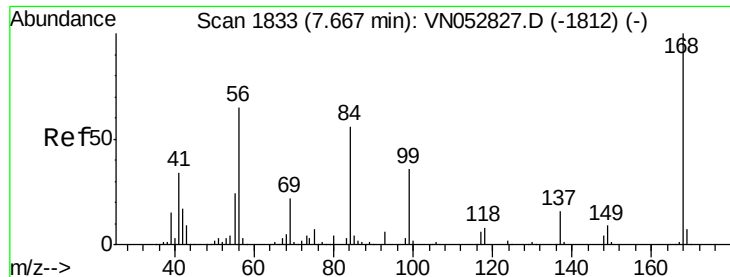
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052947.D

Acq: 18 Dec 2018 00:58

Instrument :

MSVOA_N

ClientSampleId :

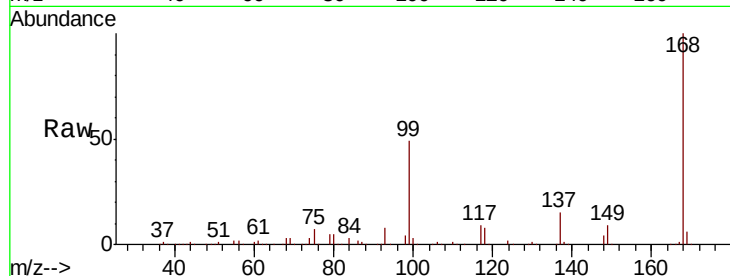
P001-SD010-0006-01ME

Tot Ion:168 Resp: 1201107

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.66

600000

500000

400000

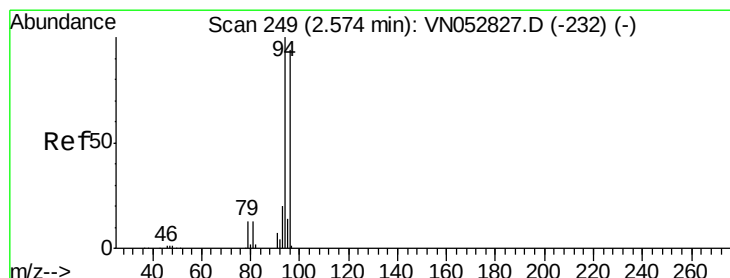
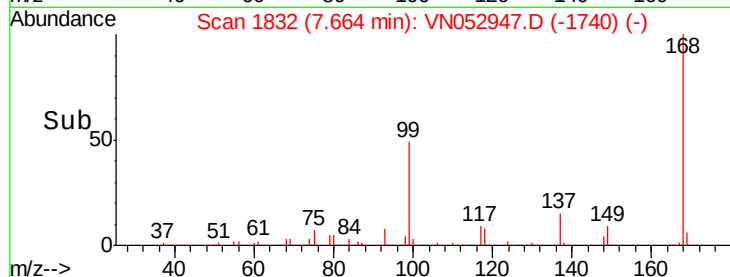
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.230 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.06 min

Lab File: VN052947.D

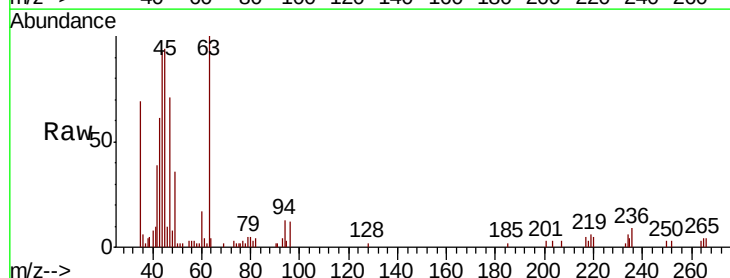
Acq: 18 Dec 2018 00:58

Tgt Ion: 94 Resp: 2110

Ion Ratio Lower Upper

94 100

96 74.6 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VN052827.D (-232) (-)

Ion 95.90 (95.60 to 96.60): VN052827.D (-232) (-)

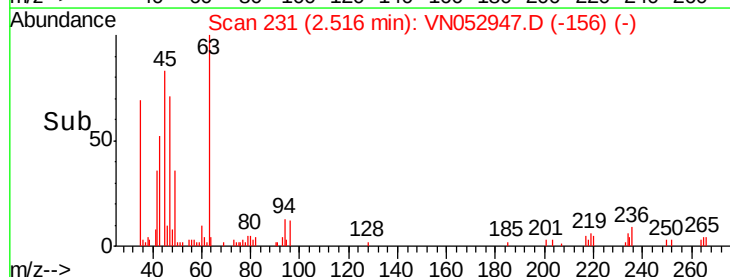
2.52

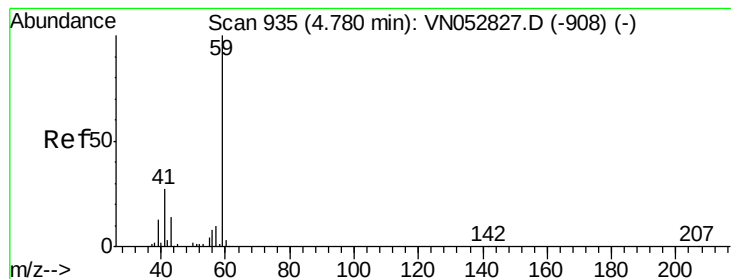
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 0.219 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN052947.D

Acq: 18 Dec 2018 00:58

Instrument :

MSVOA_N

ClientSampleId :

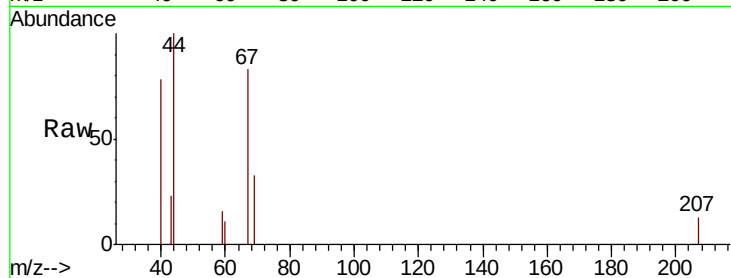
P001-SD010-0006-01ME

Tot Ion: 59 Resp: 156

Ion Ratio Lower Upper

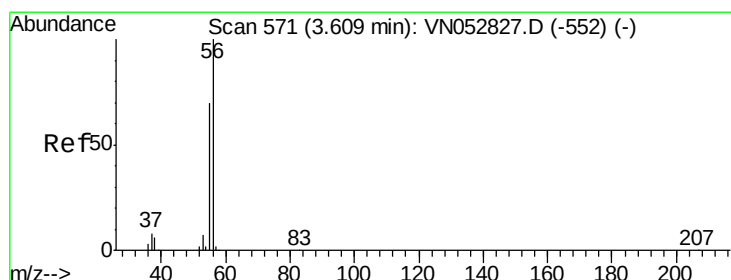
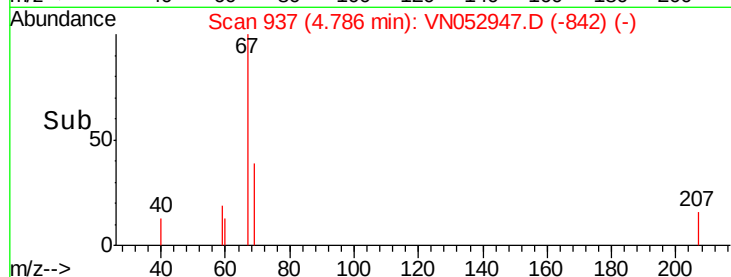
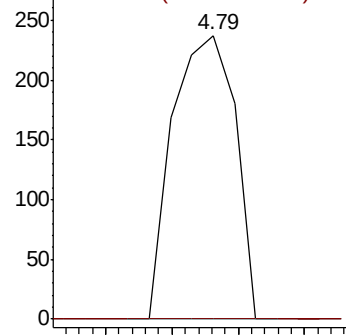
59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 0.554 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN052947.D

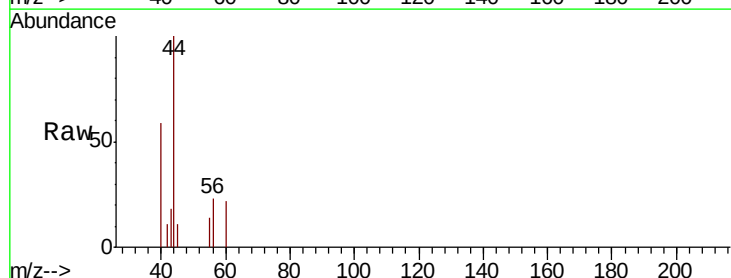
Acq: 18 Dec 2018 00:58

Tgt Ion: 56 Resp: 372

Ion Ratio Lower Upper

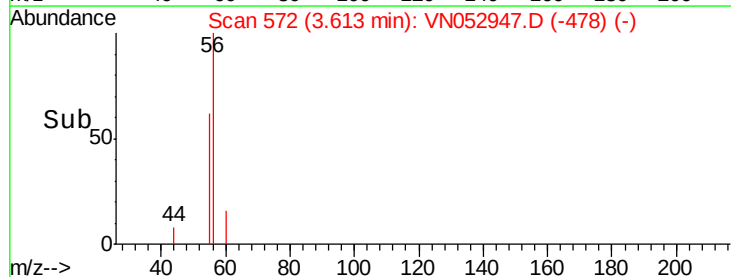
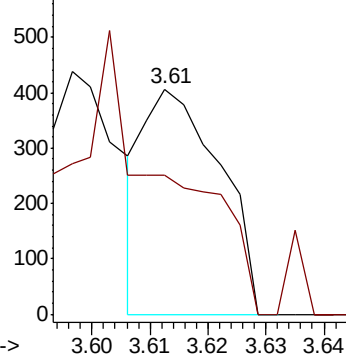
56 100

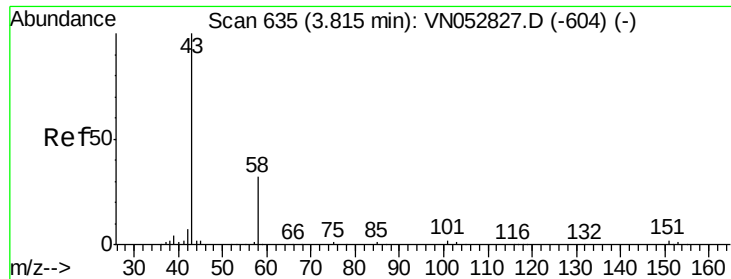
55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 1.981 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN052947.D

Acq: 18 Dec 2018 00:58

Instrument :

MSVOA_N

ClientSampleId :

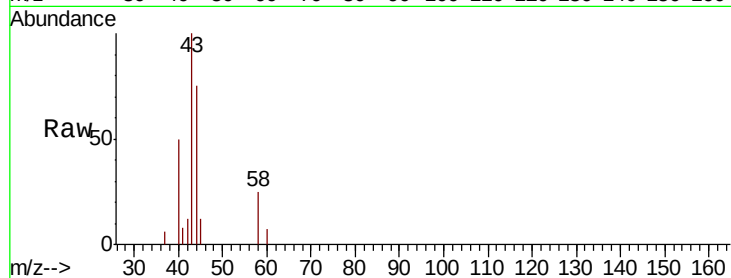
P001-SD010-0006-01ME

Tot Ion: 43 Resp: 5683

Ion Ratio Lower Upper

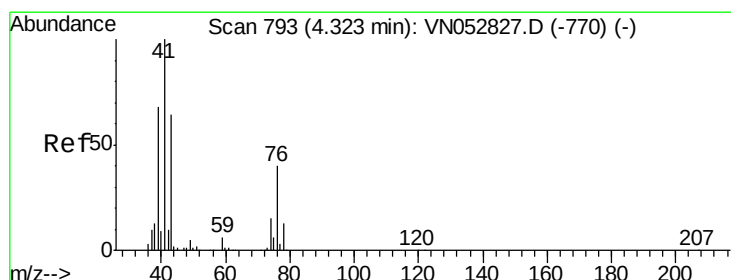
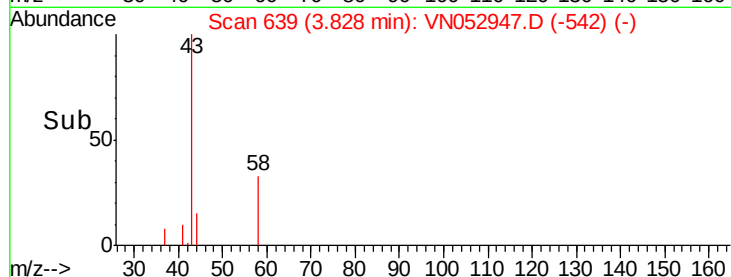
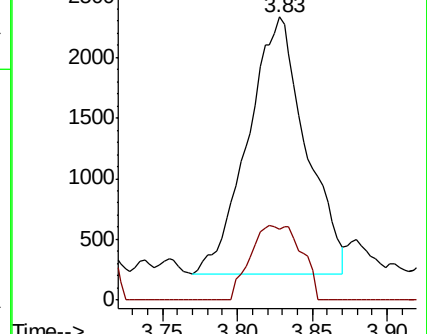
43 100

58 27.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.212 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN052947.D

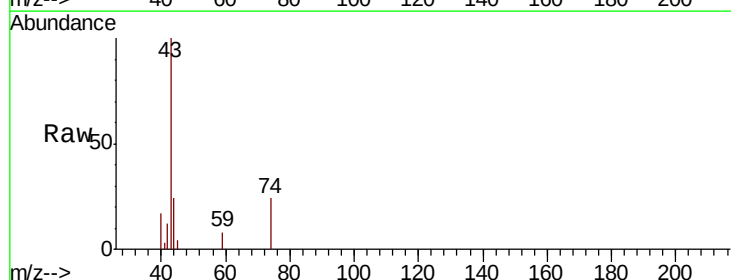
Acq: 18 Dec 2018 00:58

Tgt Ion: 43 Resp: 23287

Ion Ratio Lower Upper

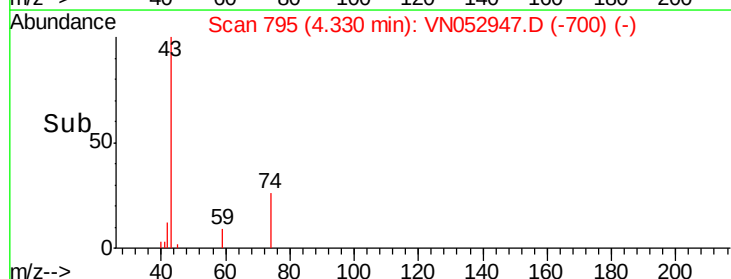
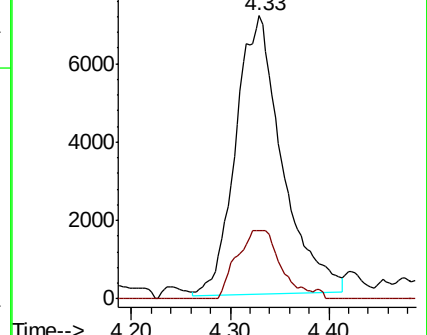
43 100

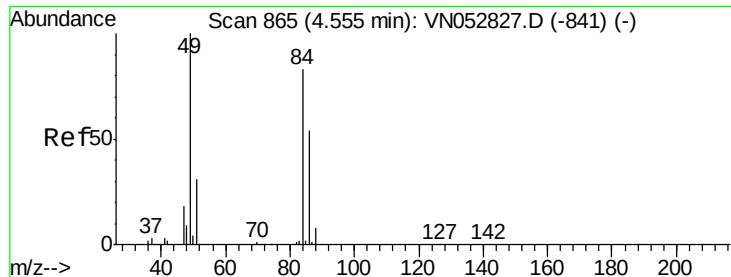
74 23.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

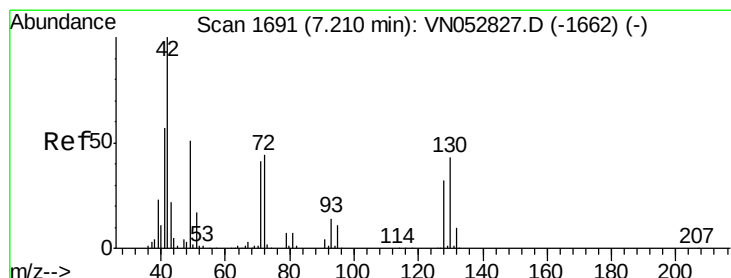
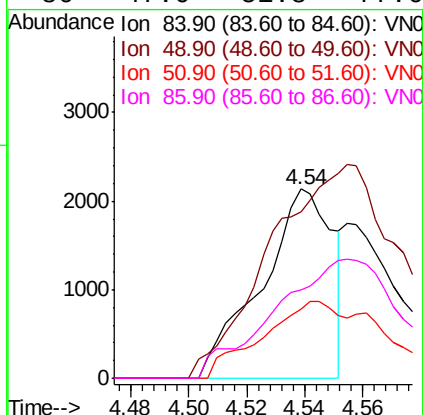
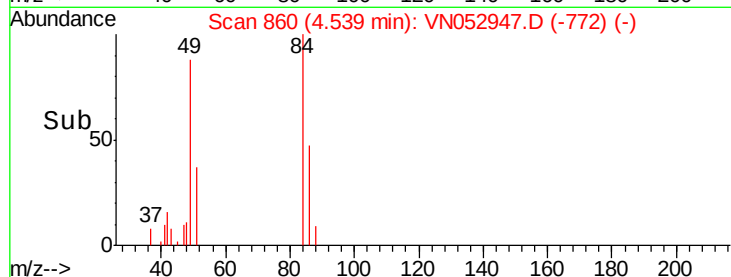
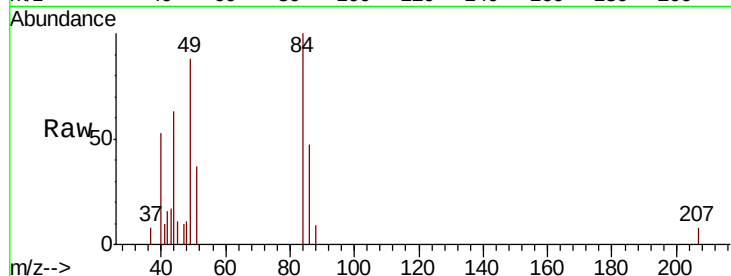




#20
Methvlene Chloride
Concen: 0.281 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.02 min
Lab File: VN052947.D
Acq: 18 Dec 2018 00:58

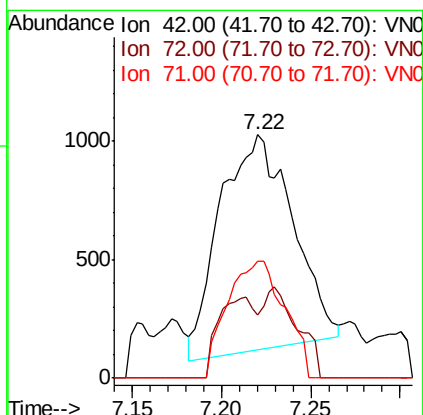
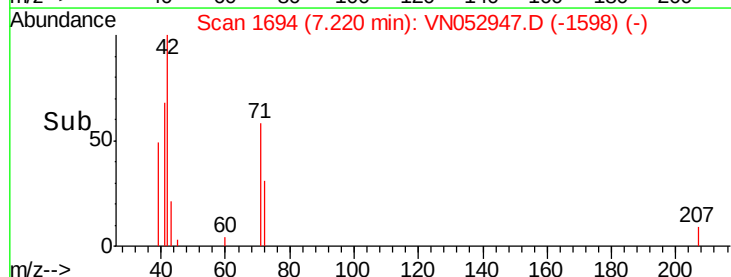
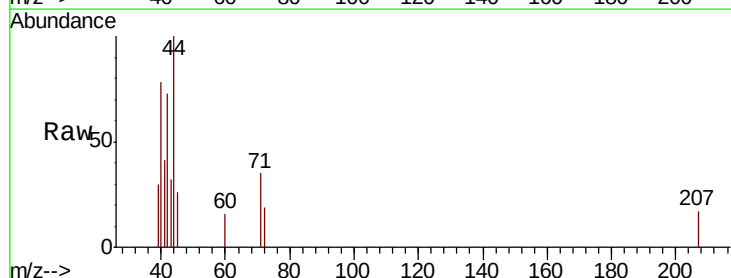
Instrument :
MSVOA_N
ClientSampleId :
P001-SD010-0006-01ME

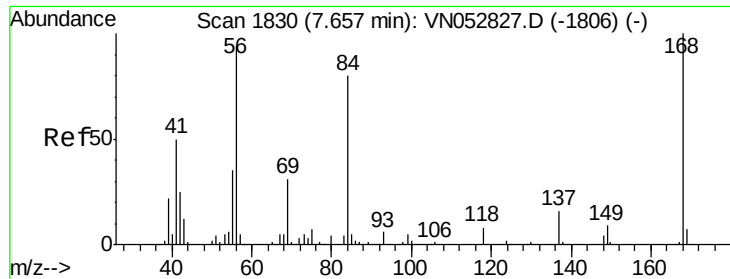
Tot Ion:	84	Resp:	3633
Ion	Ratio	Lower	Upper
84	100		
49	87.9	96.8	145.2#
51	36.7	29.9	44.9
86	47.0	51.8	77.6#



#29
Tetrahydrofuran
Concen: 0.850 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN052947.D
Acq: 18 Dec 2018 00:58

Tgt Ion:	42	Resp:	2582
Ion	Ratio	Lower	Upper
42	100		
72	19.4	34.7	52.1#
71	42.8	32.3	48.5

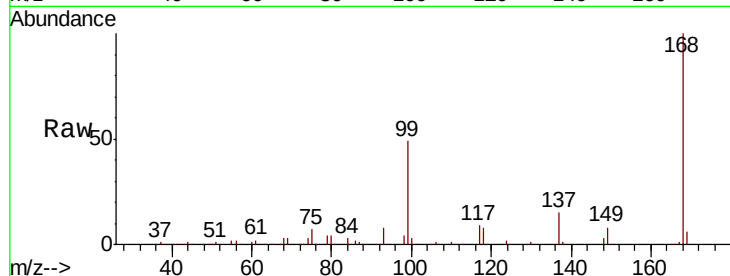




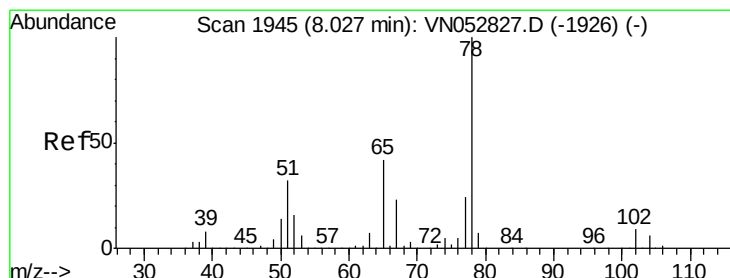
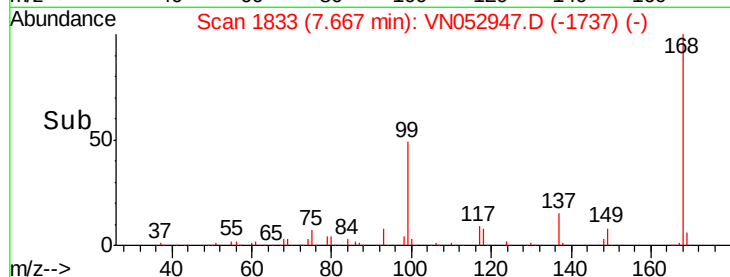
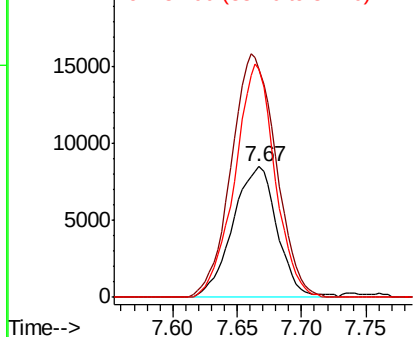
#31
Cyclohexane
Concen: 0.367 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052947.D
Acq: 18 Dec 2018 00:58

Instrument :
MSVOA_N
ClientSampleId :
P001-SD010-0006-01ME

Tot Ion: 56 Resp: 20401
Ion Ratio Lower Upper
56 100
69 174.8 26.6 39.8#
84 175.2 68.4 102.6#

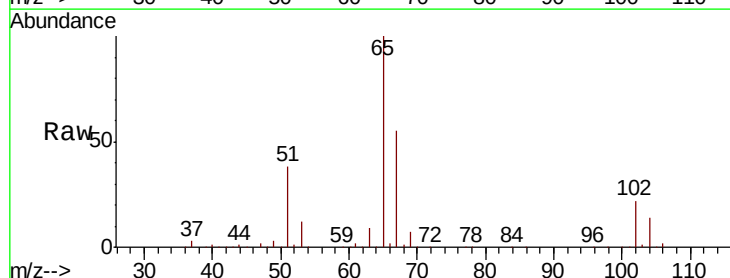


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

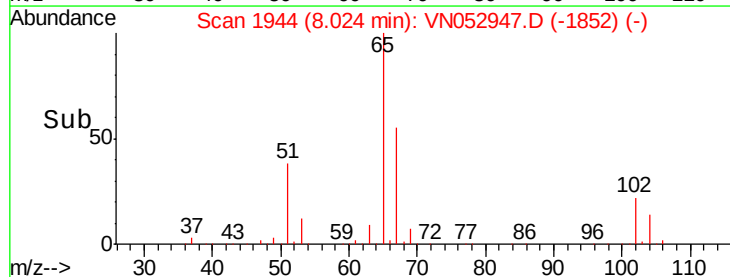
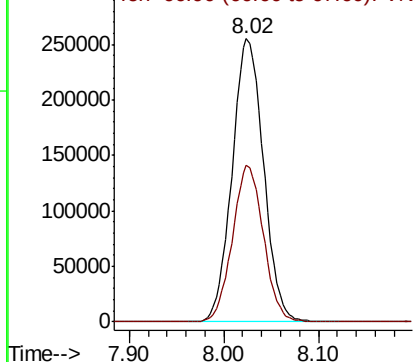


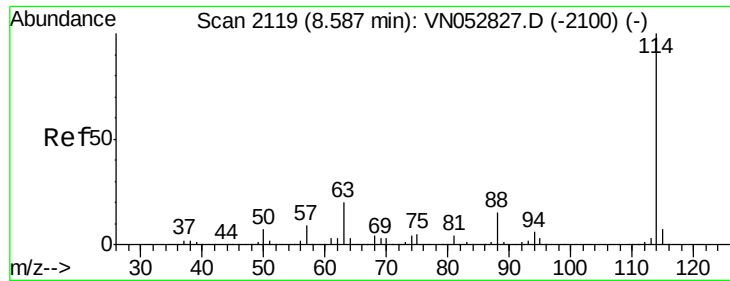
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN052947.D
Acq: 18 Dec 2018 00:58

Tgt Ion: 65 Resp: 589790
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



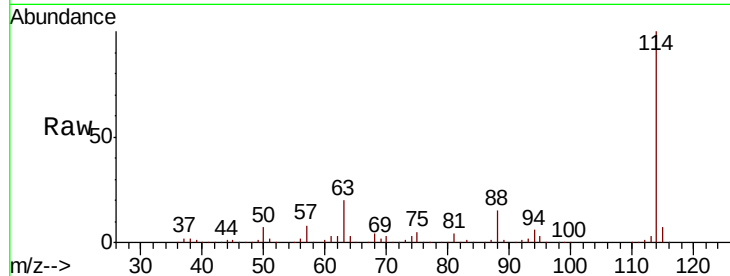


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052947.D
 Acq: 18 Dec 2018 00:58

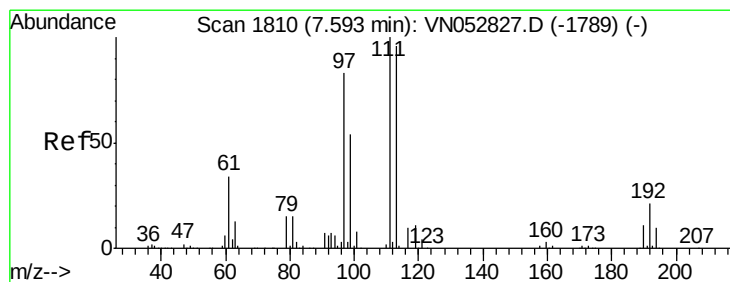
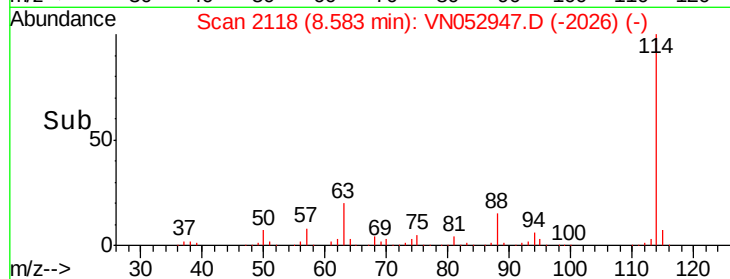
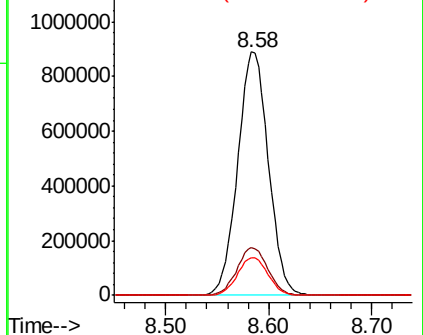
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD010-0006-01ME

Tot Ion:114 Resp: 1842547

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.4	0.0	31.0



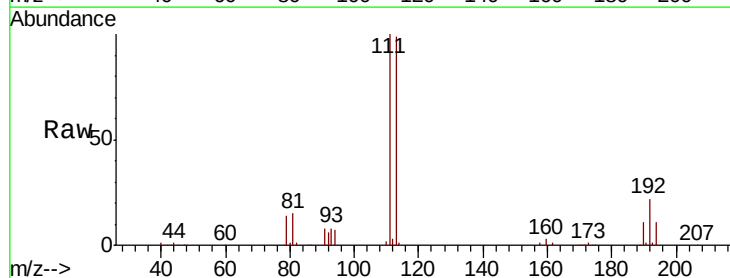
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



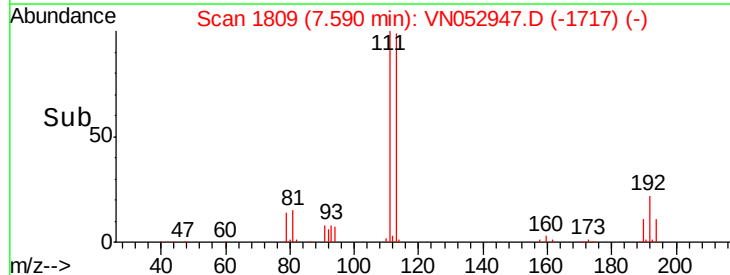
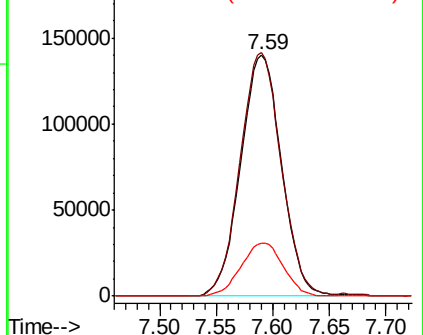
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052947.D
 Acq: 18 Dec 2018 00:58

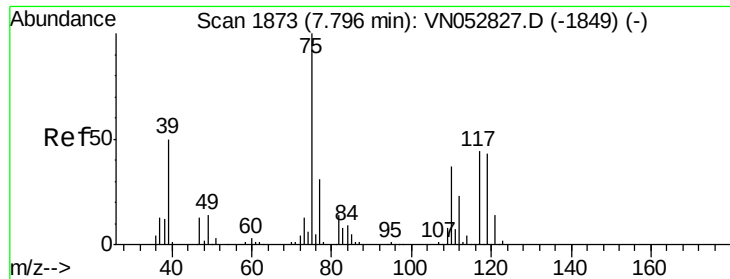
Tgt Ion:113 Resp: 351242

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.4
192	22.8	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

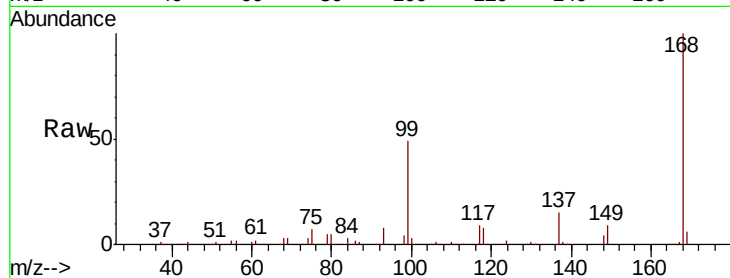




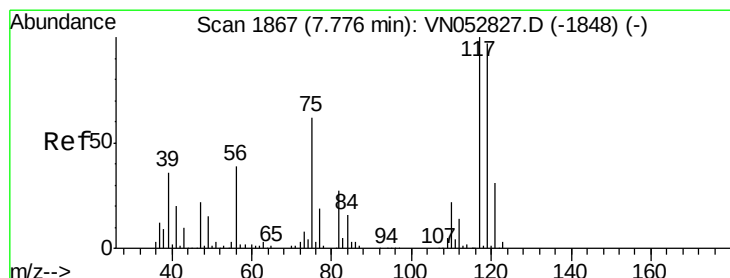
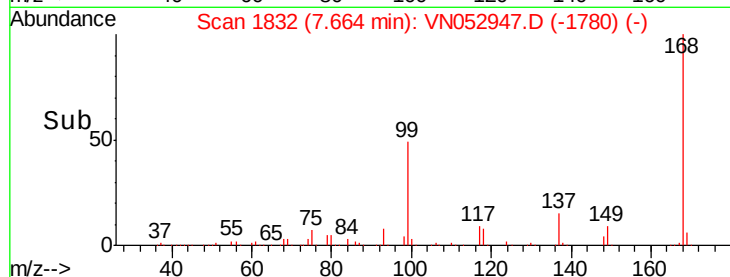
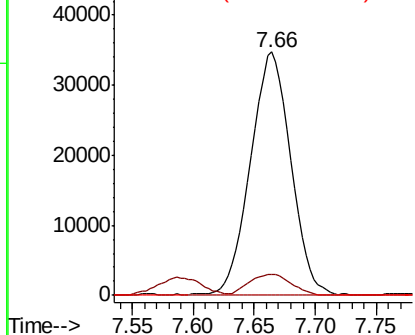
#36
 1,1-Dichloropropene
 Concen: 4.698 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052947.D
 Acq: 18 Dec 2018 00:58

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD010-0006-01ME

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.2	54.6#
77	0.0	24.9	37.3#

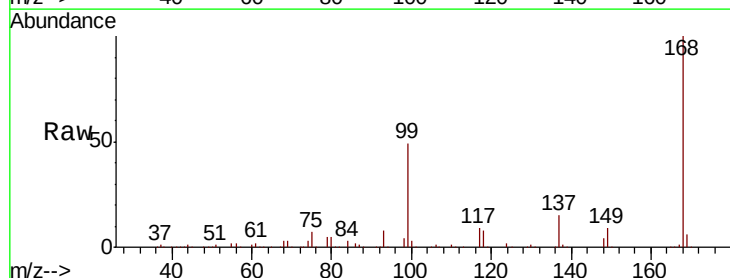


Abundance Ion 74.90 (74.60 to 75.60): VN052827.D (-1849) (-)
 Ion 109.90 (109.60 to 110.60): VN052827.D (-1849) (-)
 Ion 76.90 (76.60 to 77.60): VN052827.D (-1849) (-)

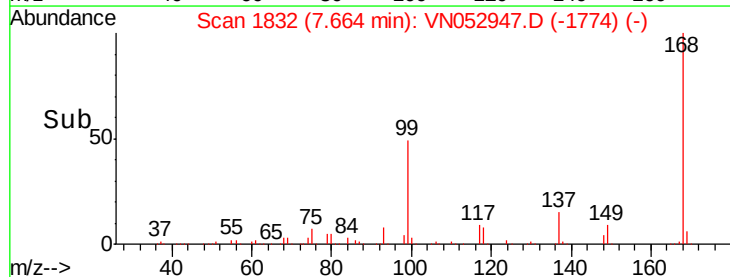
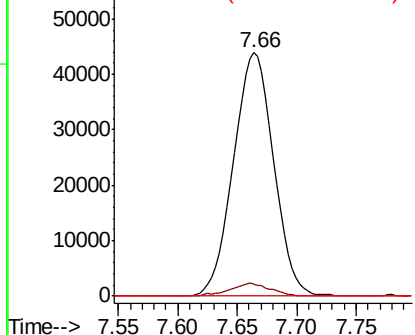


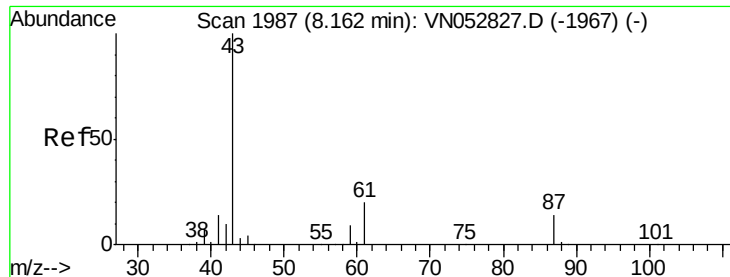
#38
 Carbon Tetrachloride
 Concen: 6.590 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN052947.D
 Acq: 18 Dec 2018 00:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.1	115.7#
121	0.0	24.9	37.3#



Abundance Ion 116.80 (116.50 to 117.50): VN052827.D (-1848) (-)
 Ion 118.80 (118.50 to 119.50): VN052827.D (-1848) (-)
 Ion 120.80 (120.50 to 121.50): VN052827.D (-1848) (-)





#43

Isopropyl Acetate

Concen: 1.054 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN052947.D

Acq: 18 Dec 2018 00:58

Instrument :

MSVOA_N

ClientSampleId :

P001-SD010-0006-01ME

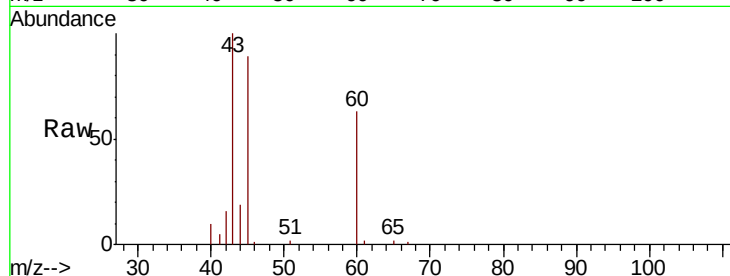
Tot Ion: 43 Resp: 22036

Ion Ratio Lower Upper

43 100

61 2.2 22.9 34.3#

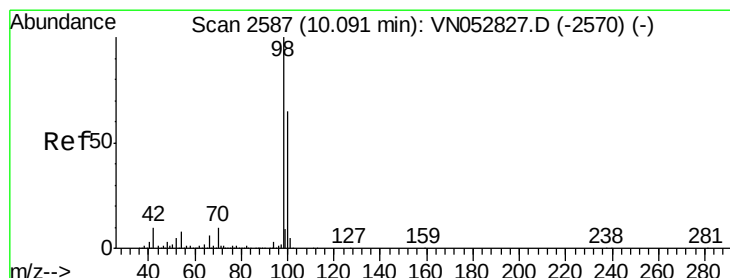
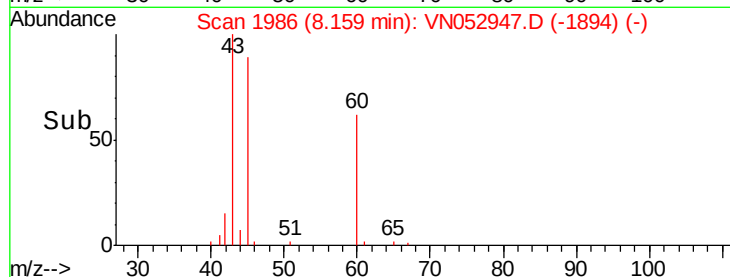
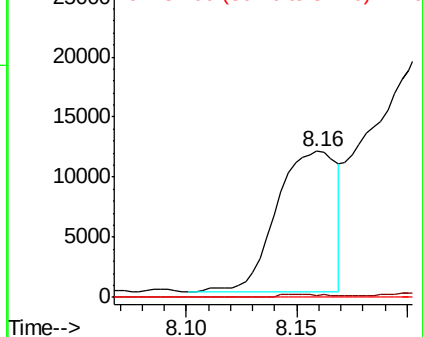
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052947.D

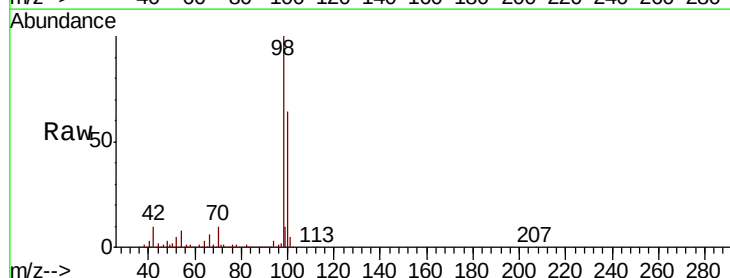
Acq: 18 Dec 2018 00:58

Tgt Ion: 98 Resp: 2259440

Ion Ratio Lower Upper

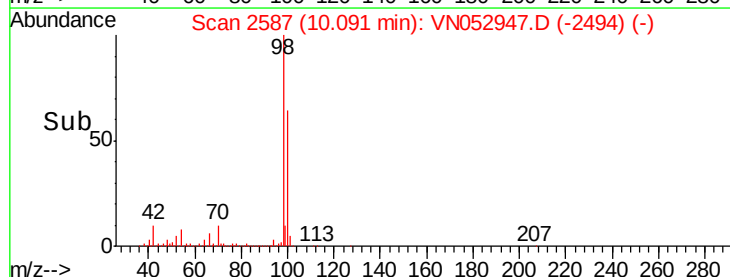
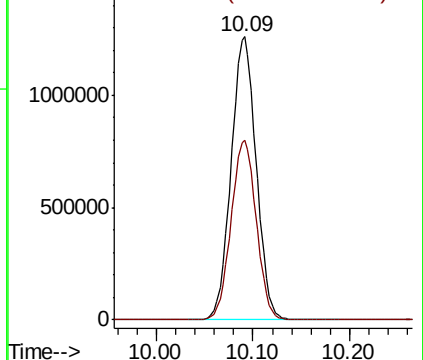
98 100

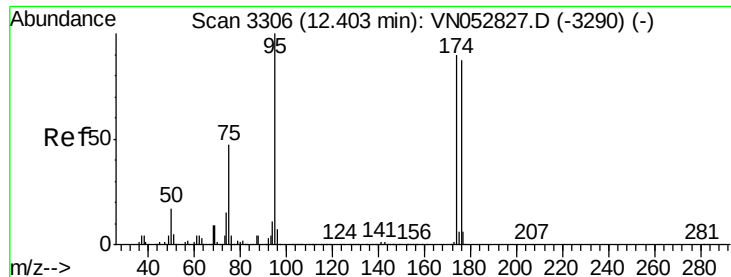
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052947.D

Acq: 18 Dec 2018 00:58

Instrument :

MSVOA_N

ClientSampleId :

P001-SD010-0006-01ME

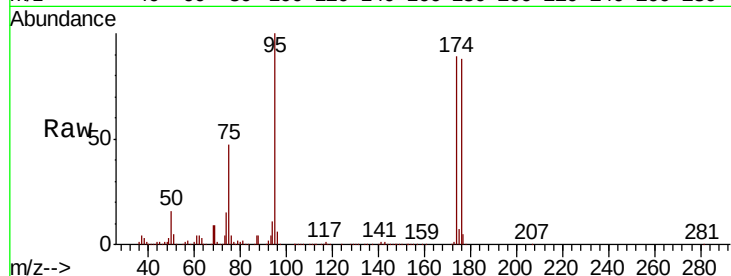
Tot Ion: 95 Resp: 727062

Ion Ratio Lower Upper

95 100

174 88.3 0.0 178.8

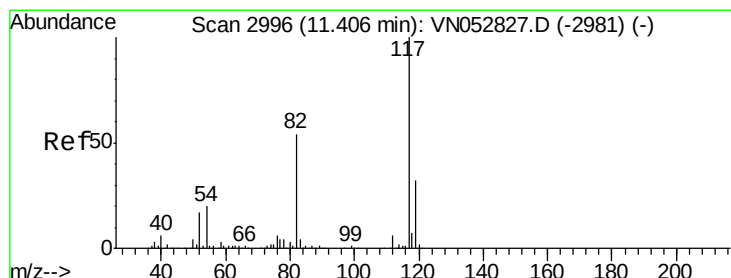
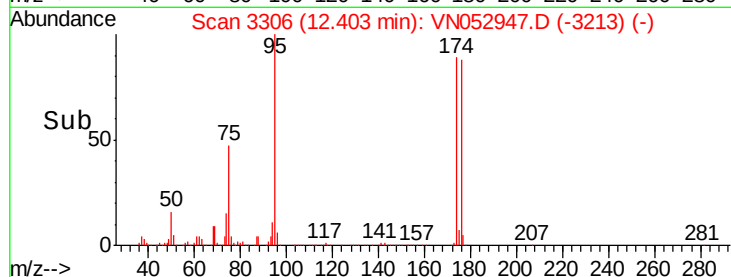
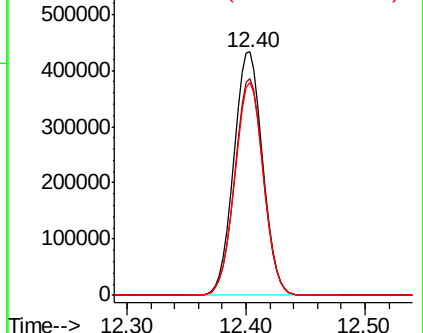
176 86.9 0.0 173.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052947.D

Acq: 18 Dec 2018 00:58

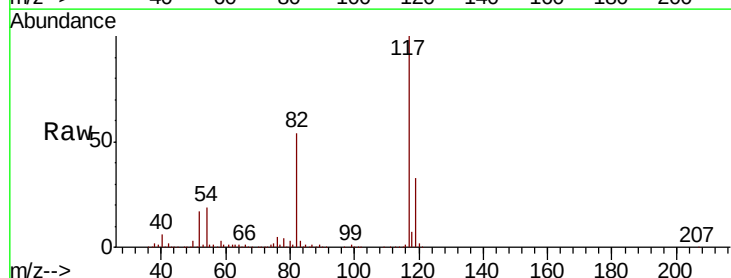
Tgt Ion: 117 Resp: 1641572

Ion Ratio Lower Upper

117 100

82 53.9 42.8 64.2

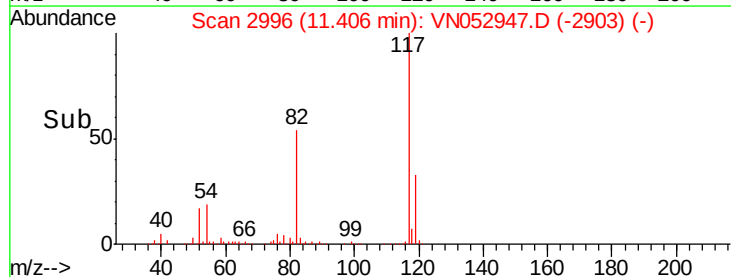
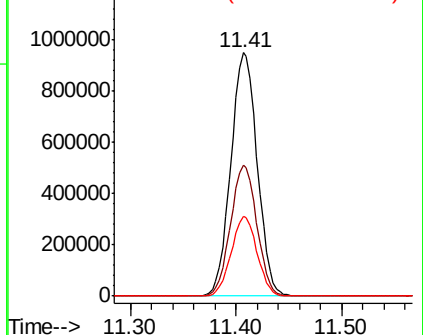
119 32.6 25.5 38.3

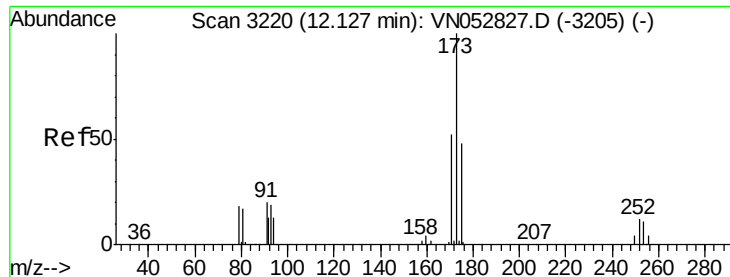


Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)

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

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





#71

Bromoform

Concen: 0.551 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052947.D

Acq: 18 Dec 2018 00:58

Instrument :

MSVOA_N

ClientSampleId :

P001-SD010-0006-01ME

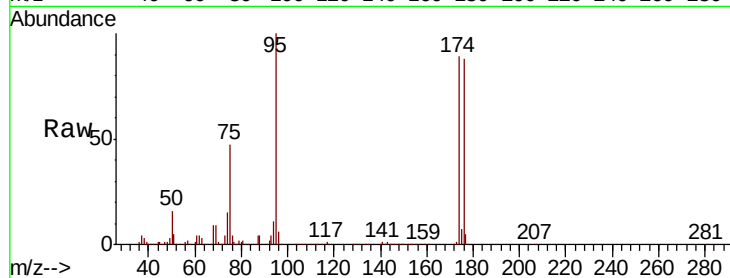
Tot Ion:173 Resp: 4437

Ion Ratio Lower Upper

173 100

175 919.3 24.3 72.9#

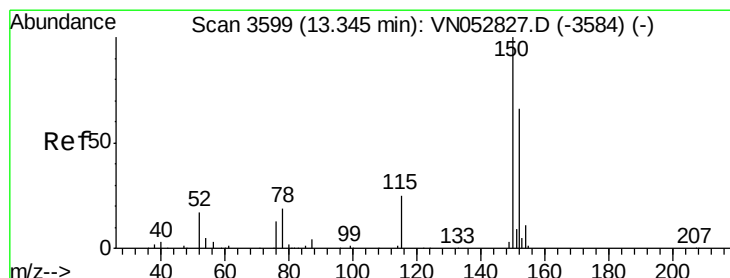
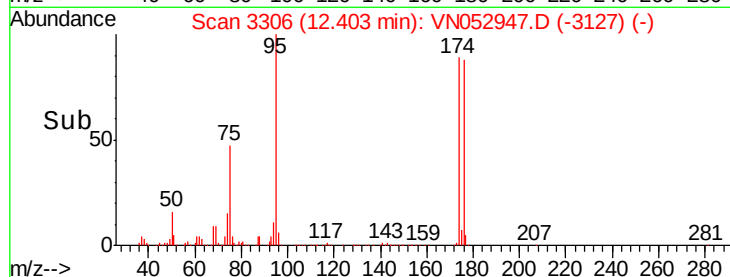
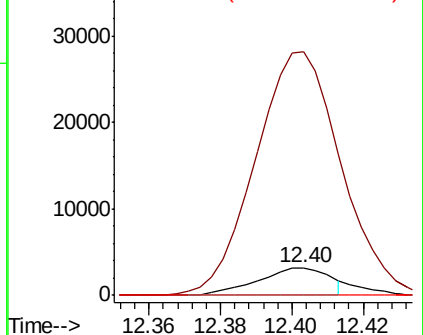
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052947.D

Acq: 18 Dec 2018 00:58

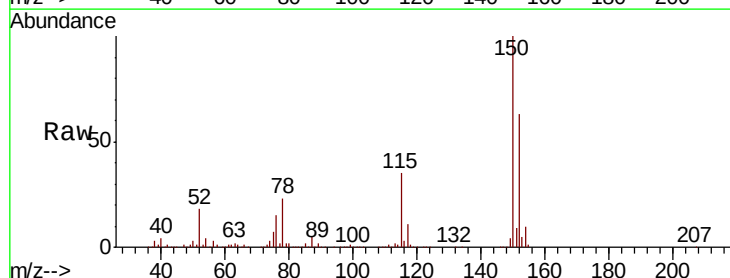
Tgt Ion:152 Resp: 684879

Ion Ratio Lower Upper

152 100

115 56.5 28.3 85.0

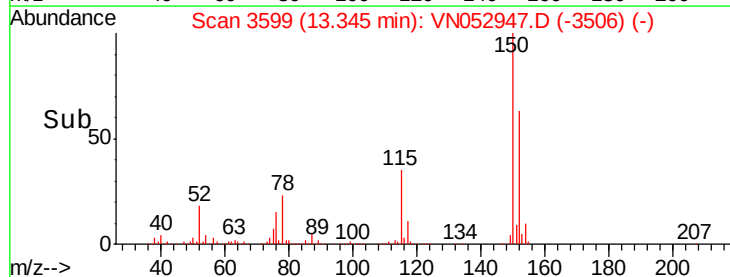
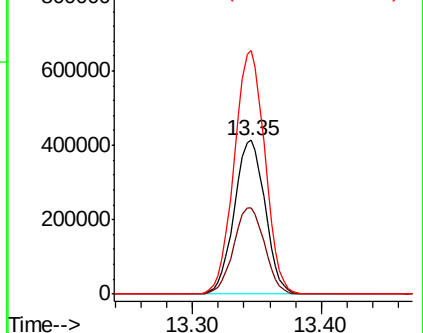
150 158.1 0.0 347.8

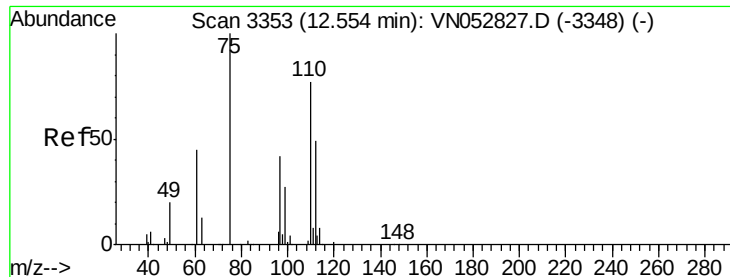


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 33.893 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052947.D

Acq: 18 Dec 2018 00:58

Instrument :

MSVOA_N

ClientSampleId :

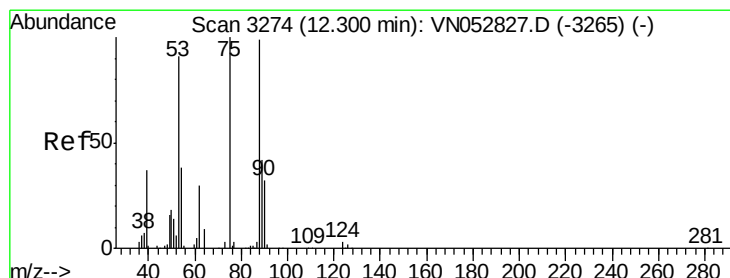
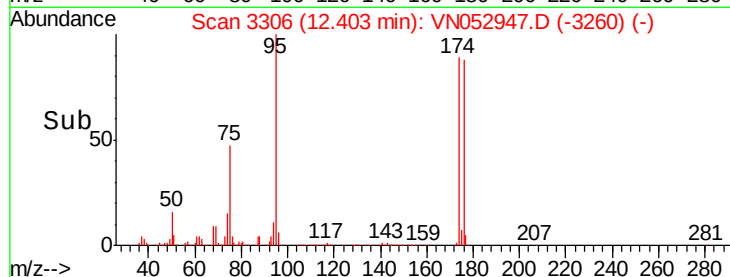
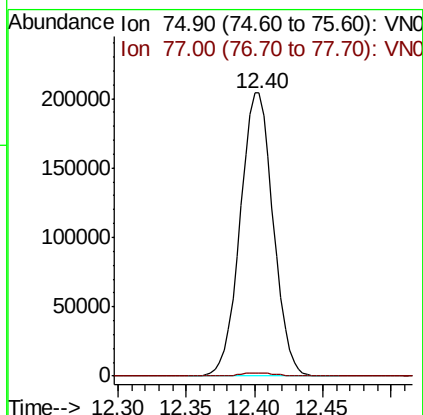
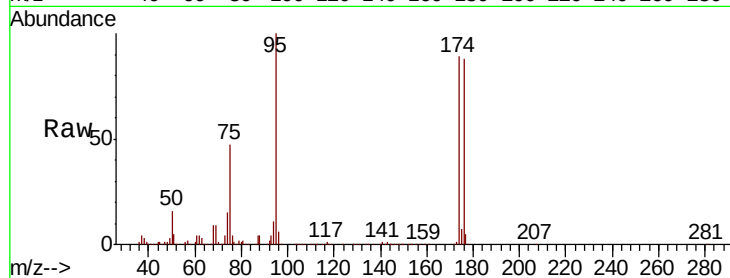
P001-SD010-0006-01ME

Tot Ion: 75 Resp: 342478

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.882 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052947.D

Acq: 18 Dec 2018 00:58

Tgt Ion: 75 Resp: 342478

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#

