

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050967.D
 Acq On : 30 Aug 2018 17:05
 Operator : MD\SY
 Sample : J4275-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-082918-B

Quant Time: Aug 31 01:37:58 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	578295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	966836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	814586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277630	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	379575	54.52	ug/l	0.00
Spiked Amount			Recovery	=	109.04%	
35) Dibromofluoromethane	7.59	113	365184	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
50) Toluene-d8	10.09	98	1298474	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.40	95	351060	36.74	ug/l	0.00
Spiked Amount			Recovery	=	73.48%	

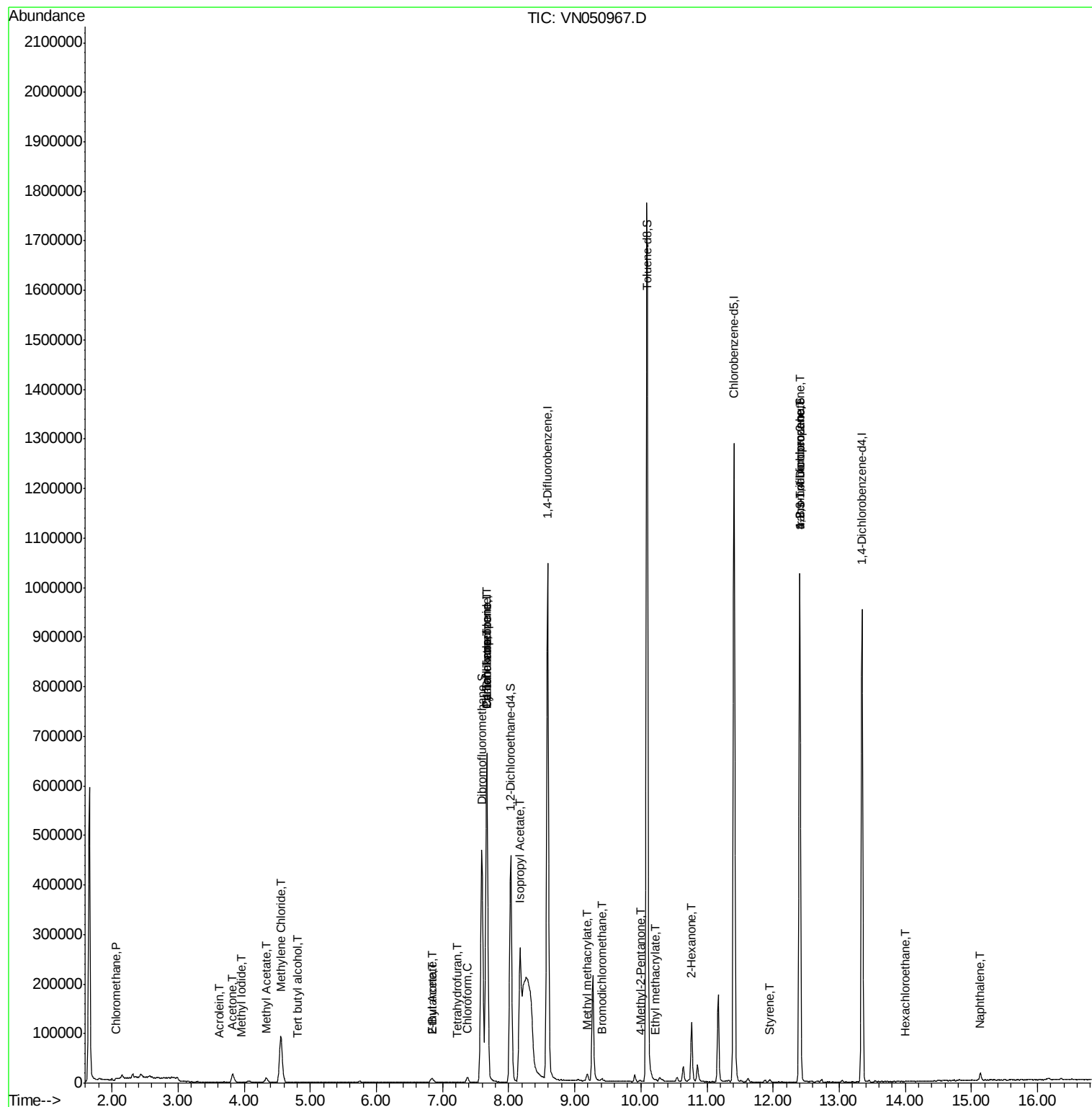
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1949	0.20	ug/l	# 75
5) Bromomethane	2.57	94	2467	Below	Cal	# 79
10) Methyl Iodide	3.95	142	183	6.37	ug/l	# 43
11) Tert butyl alcohol	4.81	59	686	1.55	ug/l	# 72
13) Acrolein	3.62	56	167	18.51	ug/l	# 14
16) Acetone	3.82	43	28497	10.52	ug/l	99
18) Methyl Acetate	4.33	43	19279	2.93	ug/l	91
20) Methylene Chloride	4.56	84	74284	9.47	ug/l	96
25) 2-Butanone	6.86	43	6347	2.26	ug/l	99
29) Tetrahydrofuran	7.22	42	589	0.37	ug/l	# 46
30) Chloroform	7.37	83	11502	0.90	ug/l	91
31) Cyclohexane	7.67	56	10051	1.31	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	38119	3.34	ug/l	# 49
37) Ethyl Acetate	6.86	43	6347	0.97	ug/l	# 67
38) Carbon Tetrachloride	7.67	117	52025	4.51	ug/l	# 17
43) Isopropyl Acetate	8.17	43	337835	29.98	ug/l	# 88
47) Bromodichloromethane	9.40	83	2912	0.26	ug/l	# 90
48) Methyl methacrylate	9.18	41	9117	1.59	ug/l	# 18
51) 4-Methyl-2-Pentanone	9.99	43	2009	0.30	ug/l	94
56) Ethyl methacrylate	10.23	69	2041	2.55	ug/l	# 66
59) 2-Hexanone	10.77	43	17045	3.81	ug/l	# 57
70) Styrene	11.96	104	277	1.28	ug/l	# 51
75) 1,1,2,2-Tetrachloroethane	12.47	83	30	Below	Cal	# 26
76) 1,2,3-Trichloropropane	12.40	75	163239	33.57	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	163239	113.48	ug/l	# 15
90) Hexachloroethane	14.00	117	310	0.27	ug/l	# 4
95) Naphthalene	15.14	128	13423	6.48	ug/l	# 95

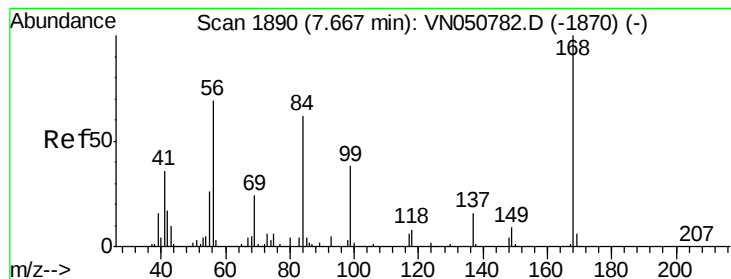
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 31 01:37:58 2018
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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

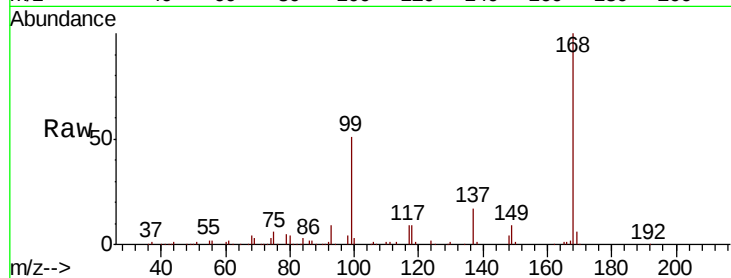
CL-02-082918-B

Tot Ion:168 Resp: 578295

Ion Ratio Lower Upper

168 100

99 50.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

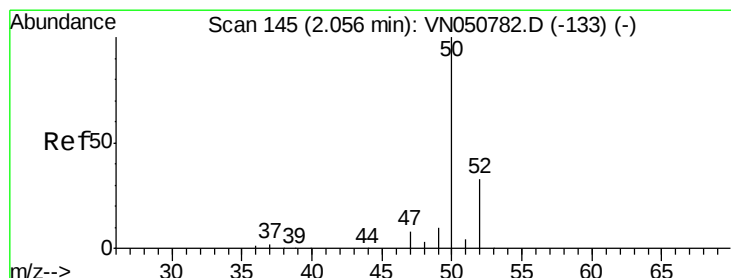
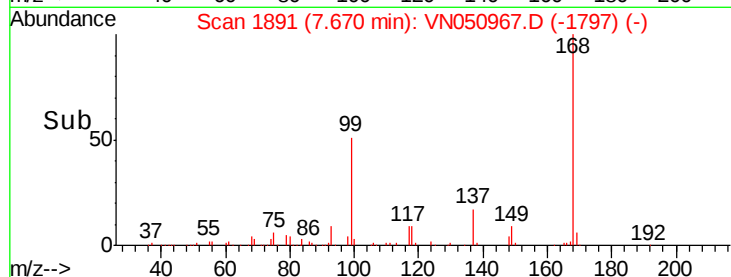
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.20 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050967.D

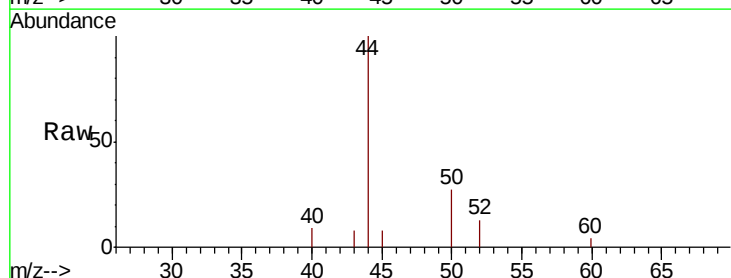
Acq: 30 Aug 2018 17:05

Tgt Ion: 50 Resp: 1949

Ion Ratio Lower Upper

50 100

52 47.2 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

1500

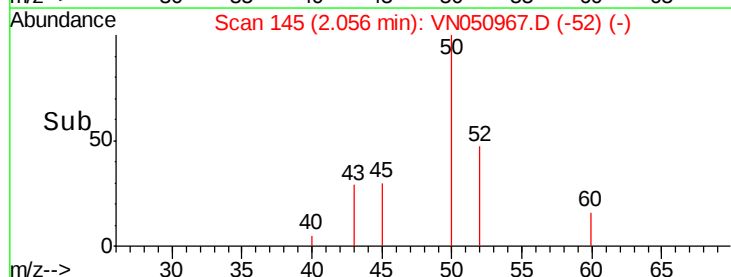
1000

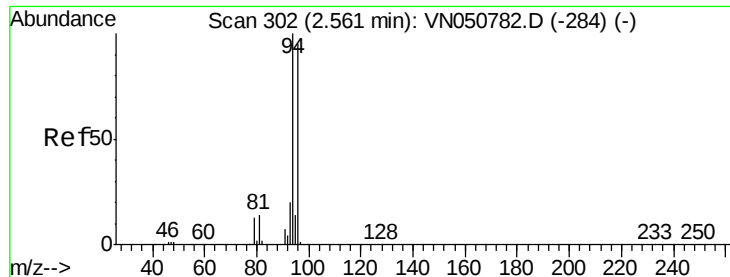
500

0

2.02 2.04 2.06 2.08

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

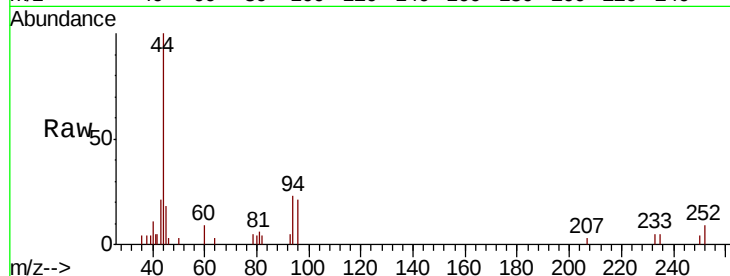
CL-02-082918-B

Tot Ion: 94 Resp: 2467

Ion Ratio Lower Upper

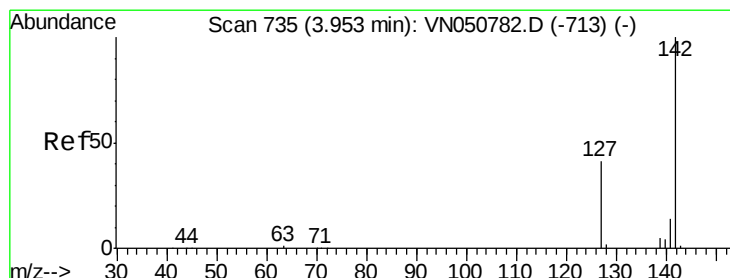
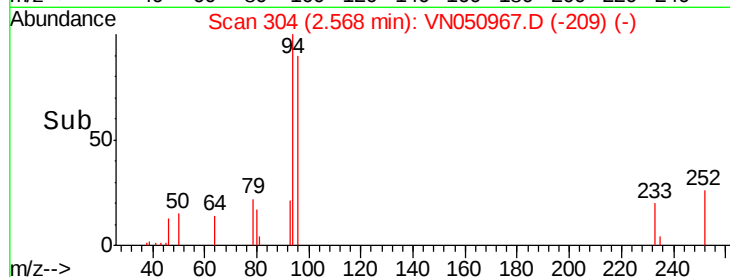
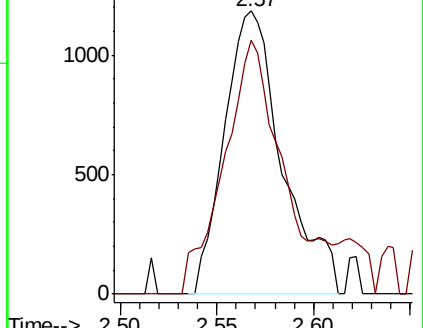
94 100

96 75.1 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN050967.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050967.D (-284) (-)



#10

Methyl Iodide

Concen: 6.37 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.01 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

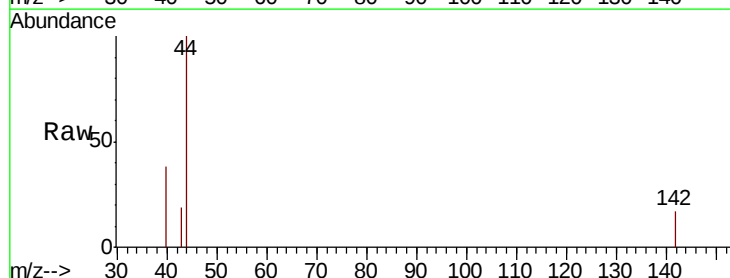
Tgt Ion: 142 Resp: 183

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

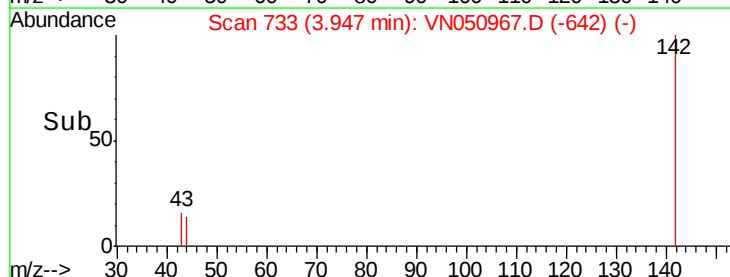
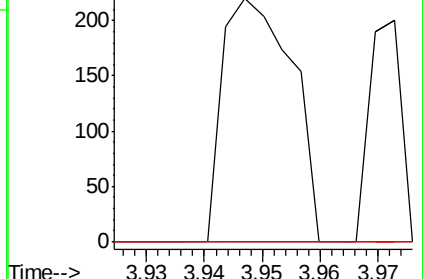
141 0.0 11.4 17.0#

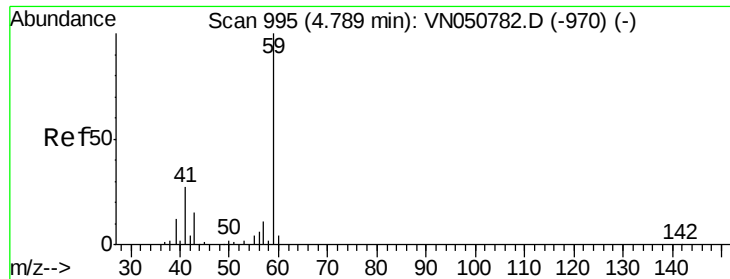


Abundance Ion 141.80 (141.50 to 142.50): VN050967.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050967.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050967.D (-713) (-)

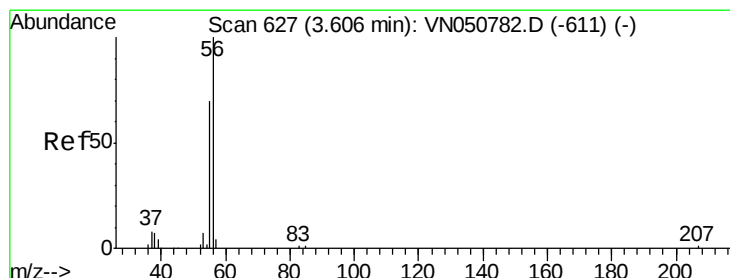
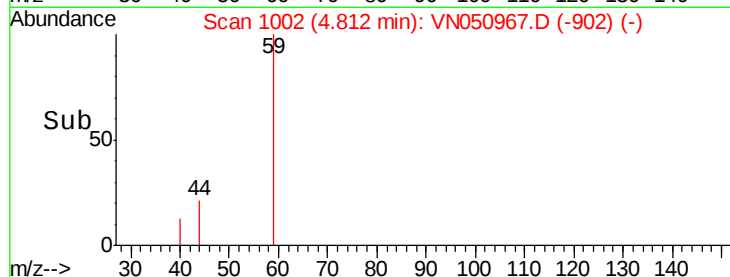
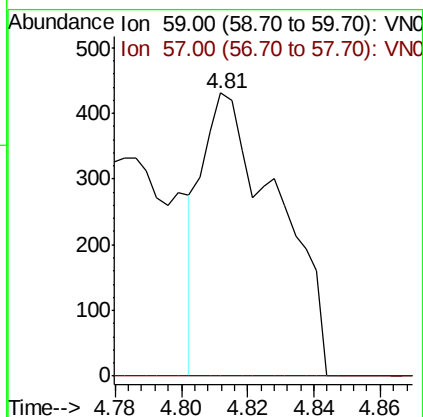
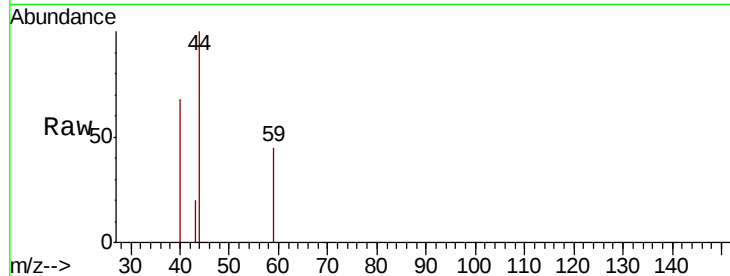




#11
Tert butyl alcohol
Concen: 1.55 ug/l
RT: 4.81 min Scan# 1002
Delta R.T. 0.02 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

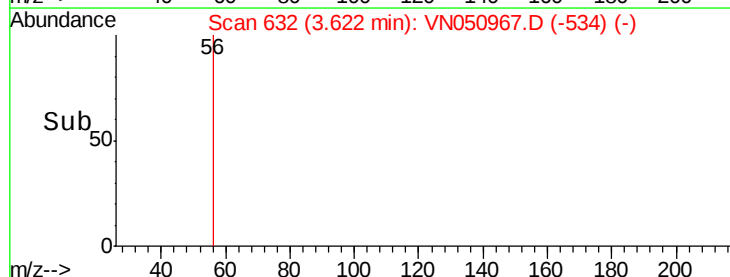
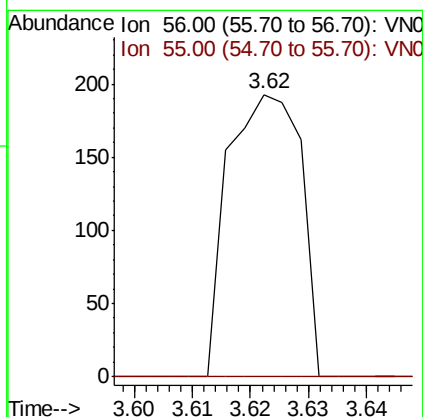
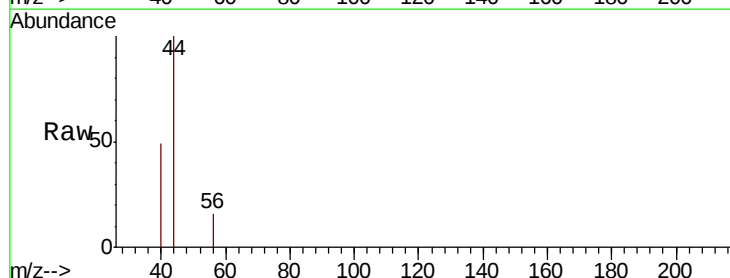
Instrument :
MSVOA_N
ClientSampleId :
CL-02-082918-B

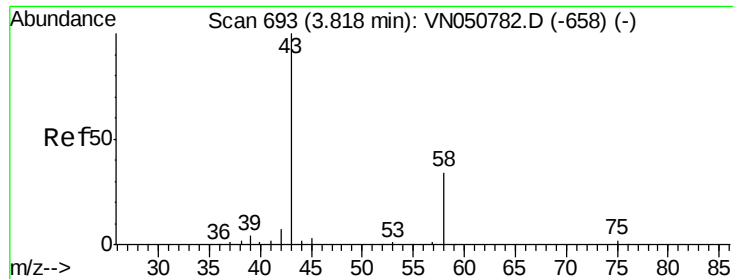
Tot Ion: 59 Resp: 686
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 18.51 ug/l
RT: 3.62 min Scan# 632
Delta R.T. 0.02 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

Tgt Ion: 56 Resp: 167
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#





#16

Acetone

Concen: 10.52 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

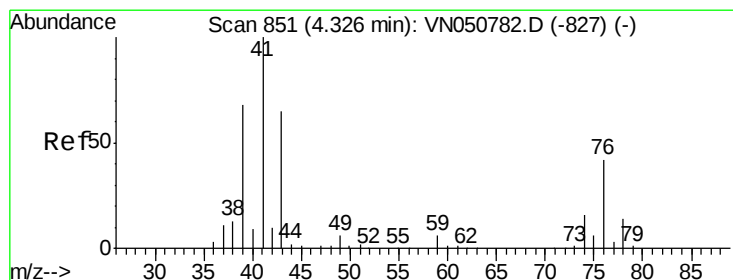
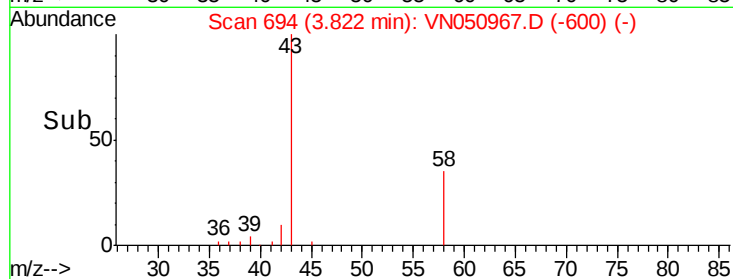
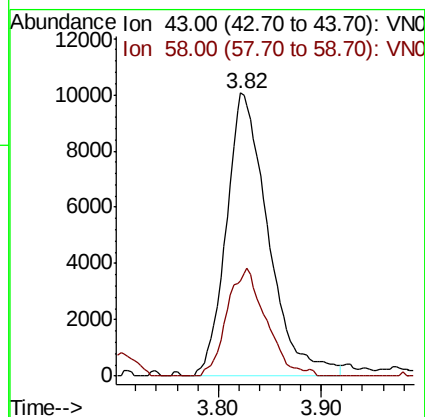
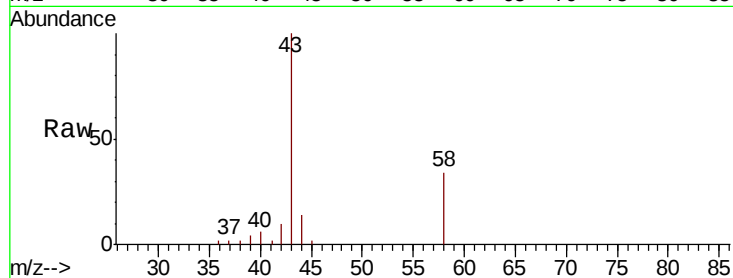
CL-02-082918-B

Tot Ion: 43 Resp: 28497

Ion Ratio Lower Upper

43 100

58 33.6 27.2 40.8



#18

Methyl Acetate

Concen: 2.93 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050967.D

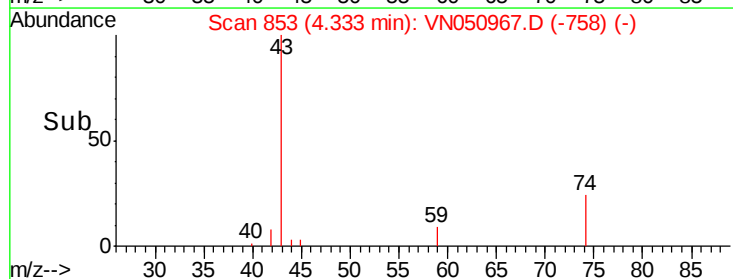
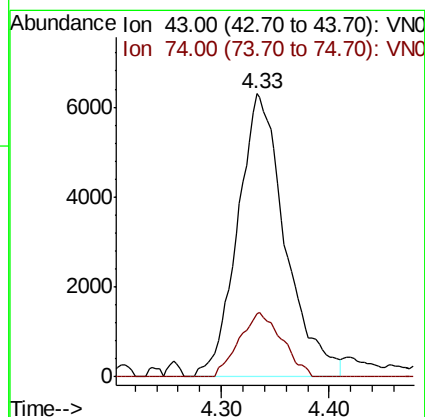
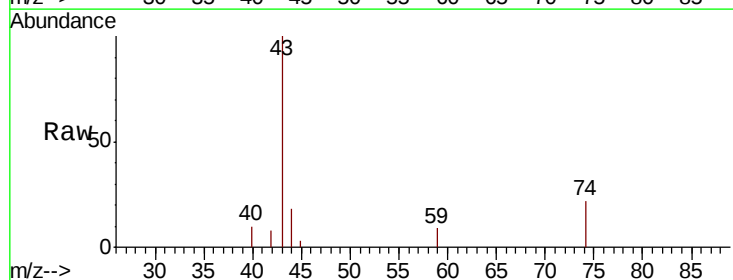
Acq: 30 Aug 2018 17:05

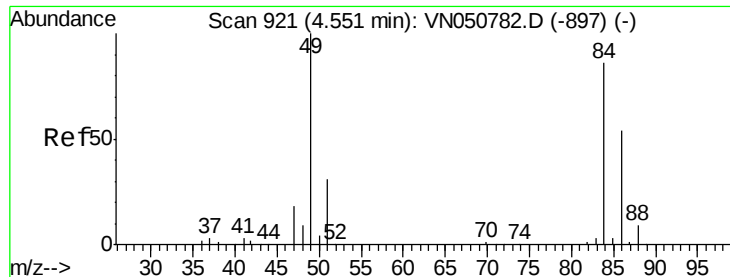
Tgt Ion: 43 Resp: 19279

Ion Ratio Lower Upper

43 100

74 20.5 19.8 29.8

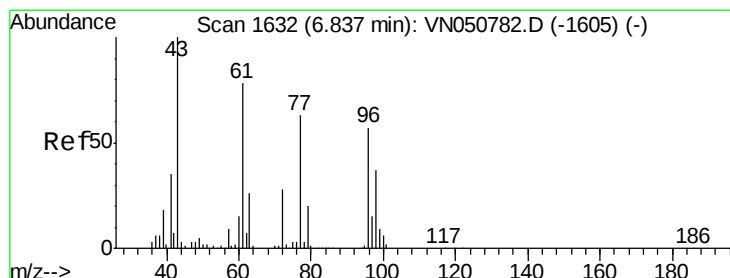
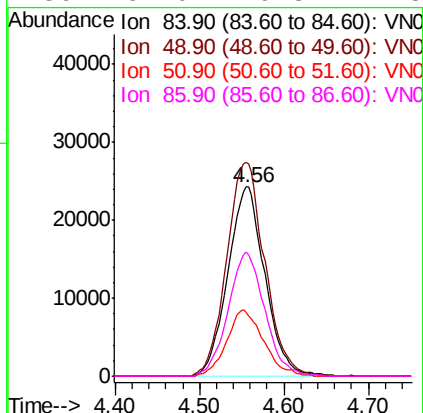
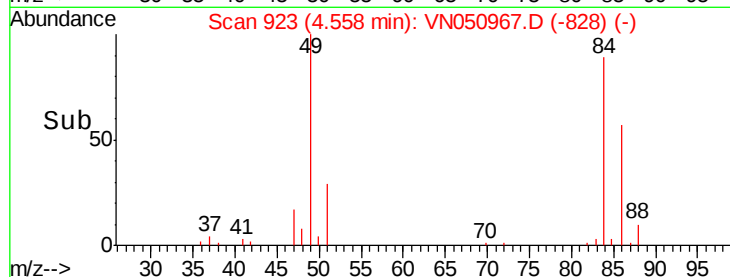
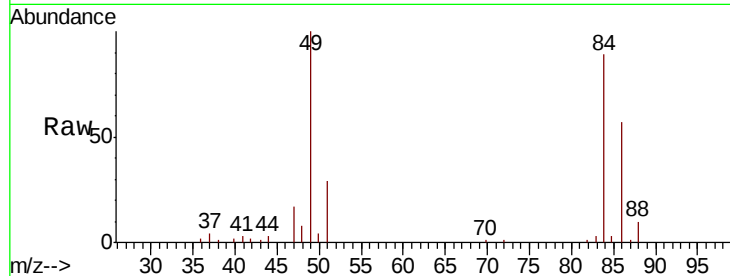




#20
Methvlene Chloride
Concen: 9.47 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

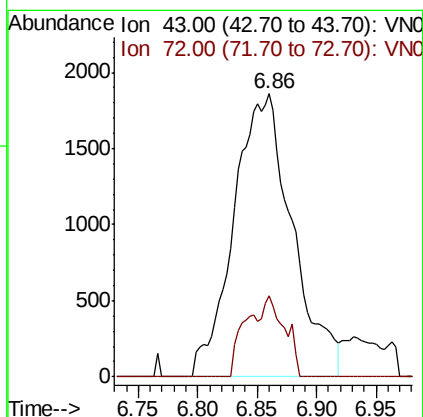
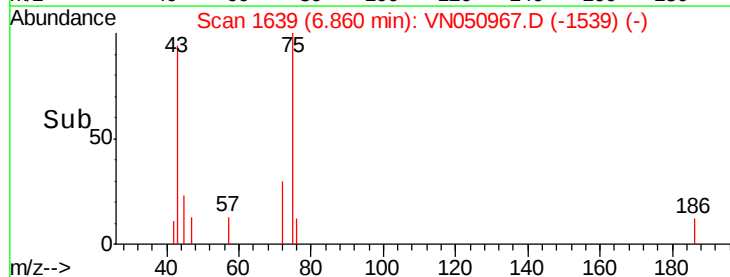
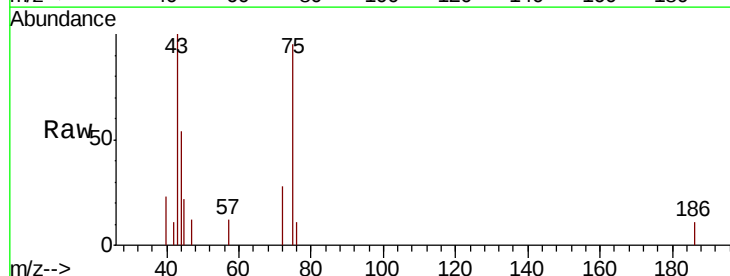
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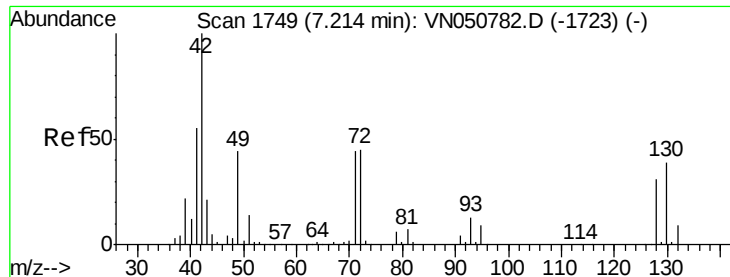
Tot Ion: 84 Resp: 74284
Ion Ratio Lower Upper
84 100
49 112.2 93.2 139.8
51 32.0 29.0 43.6
86 64.0 49.8 74.8



#25
2-Butanone
Concen: 2.26 ug/l
RT: 6.86 min Scan# 1639
Delta R.T. 0.02 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

Tgt Ion: 43 Resp: 6347
Ion Ratio Lower Upper
43 100
72 28.5 22.3 33.5





#29

Tetrahydrofuran

Concen: 0.37 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-082918-B

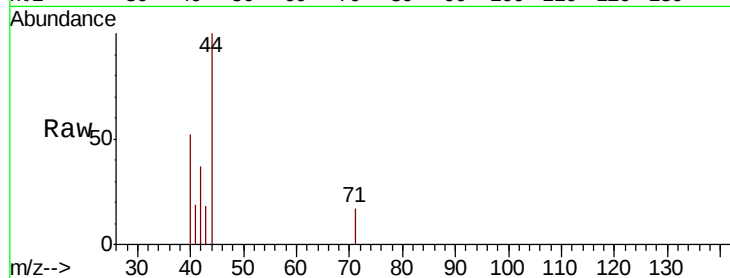
Tot Ion: 42 Resp: 589

Ion Ratio Lower Upper

42 100

72 0.0 35.5 53.3#

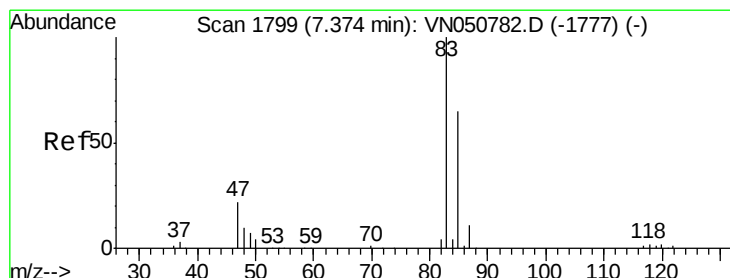
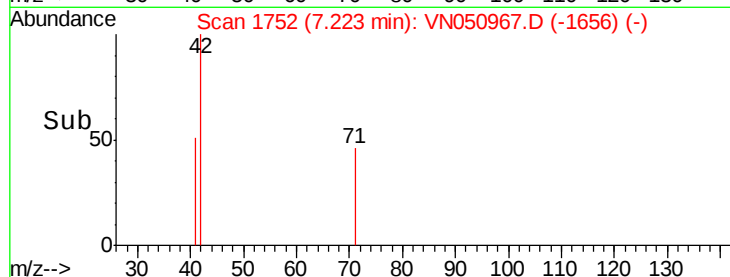
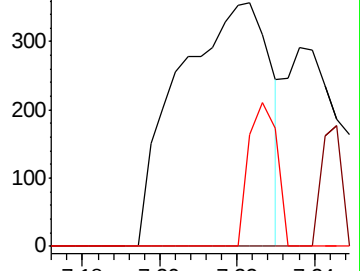
71 18.0 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.90 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050967.D

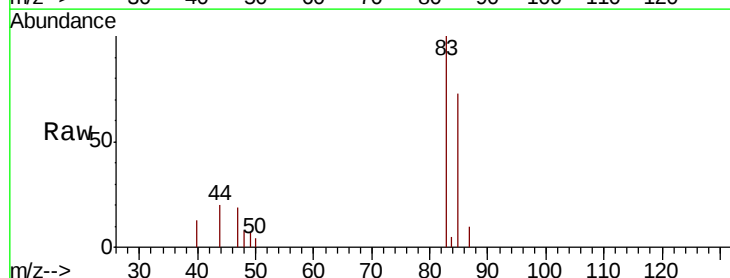
Acq: 30 Aug 2018 17:05

Tgt Ion: 83 Resp: 11502

Ion Ratio Lower Upper

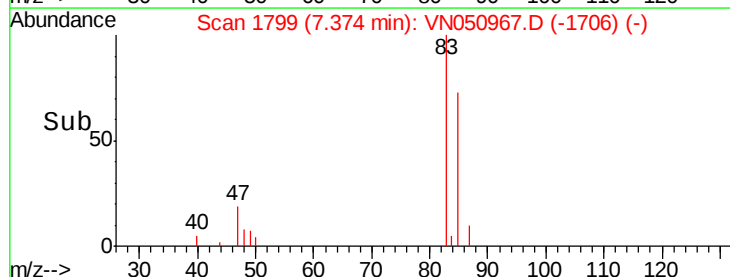
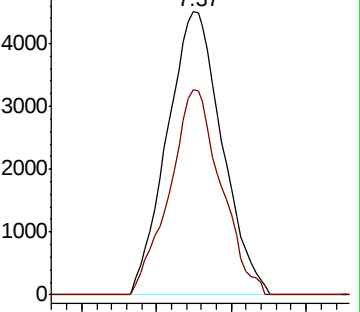
83 100

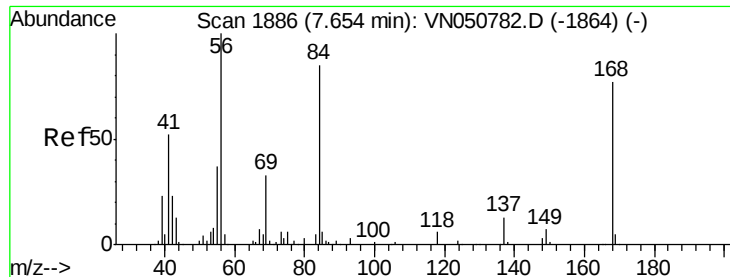
85 72.6 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

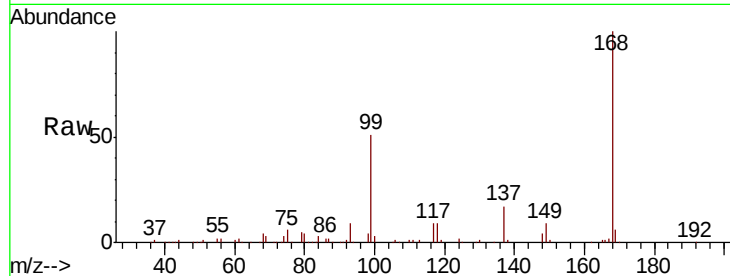




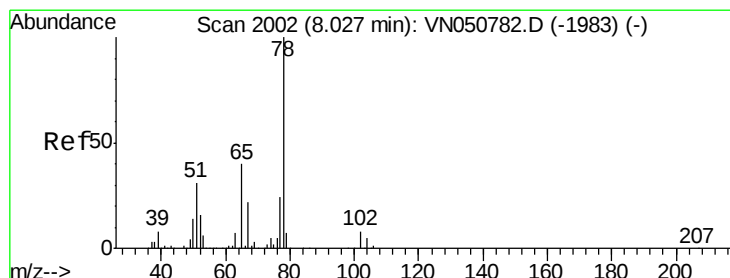
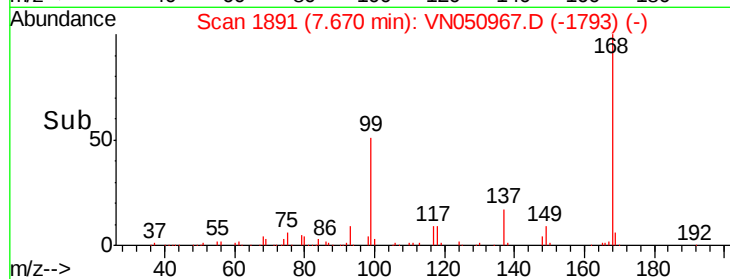
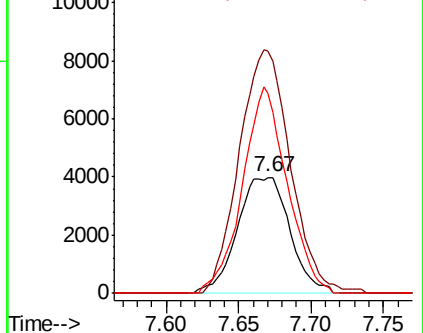
#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

Instrument :
MSVOA_N
ClientSampleID :
CL-02-082918-B

Tot Ion: 56 Resp: 10051
Ion Ratio Lower Upper
56 100
69 209.2 26.2 39.4#
84 172.1 68.3 102.5#

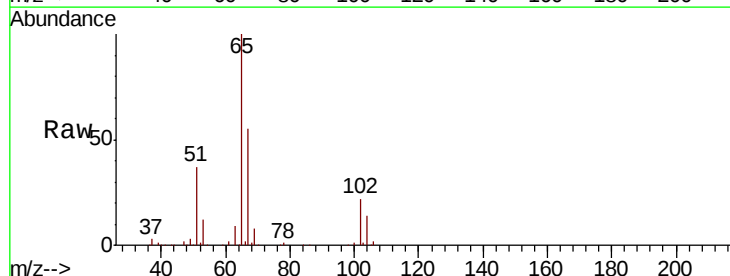


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

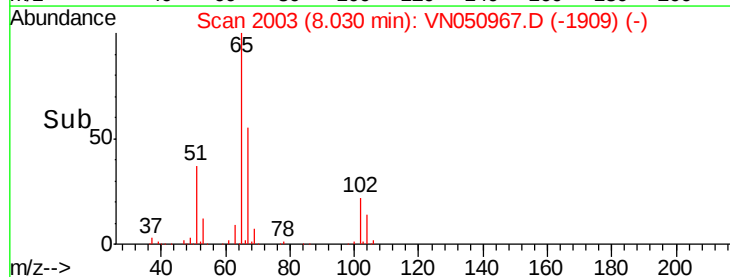
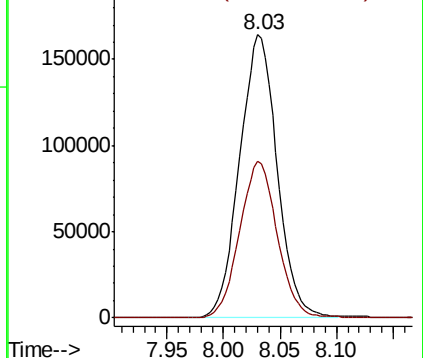


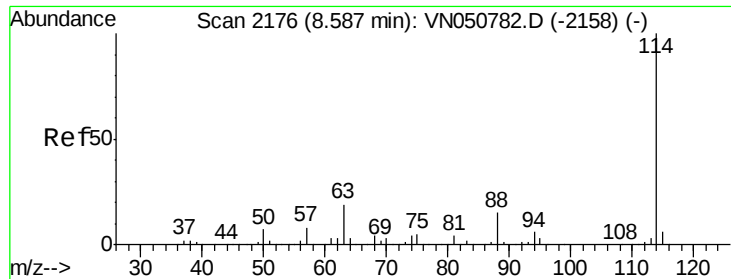
#33
1,2-Dichloroethane-d4
Concen: 54.52 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

Tgt Ion: 65 Resp: 379575
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.4



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

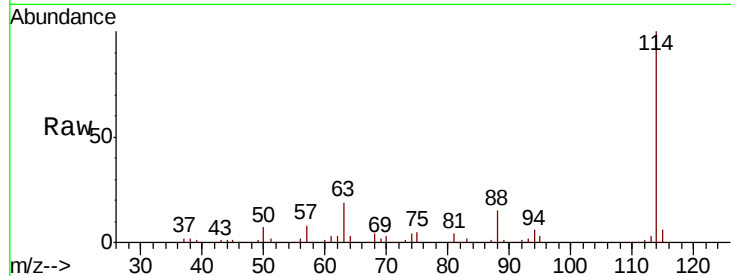




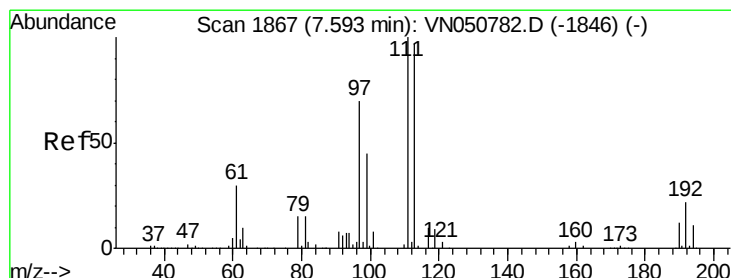
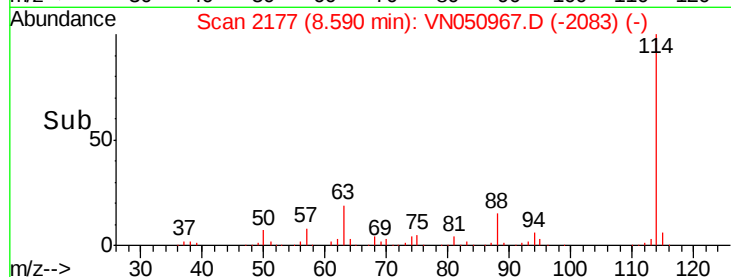
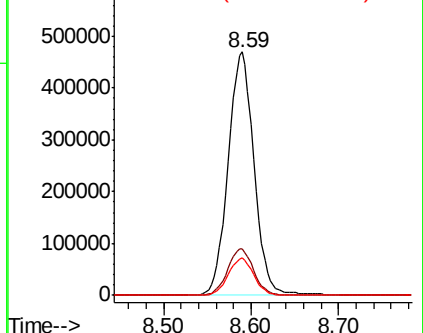
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050967.D
 Acq: 30 Aug 2018 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-082918-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.6
88	15.4	0.0	30.6

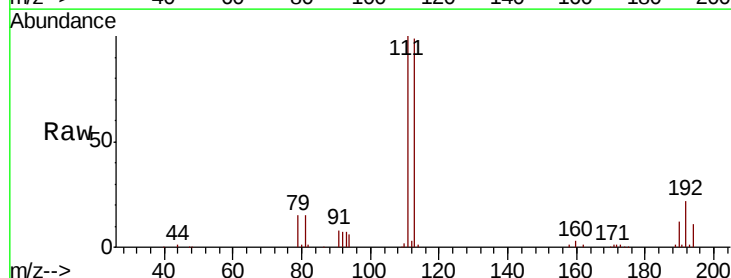


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

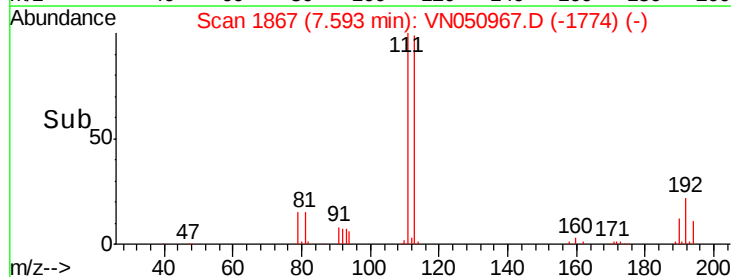
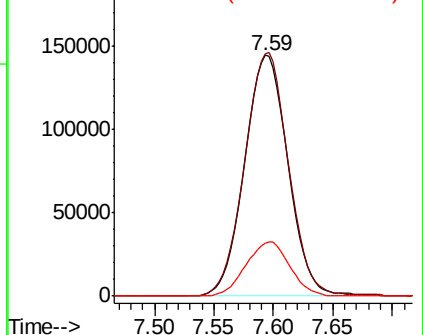


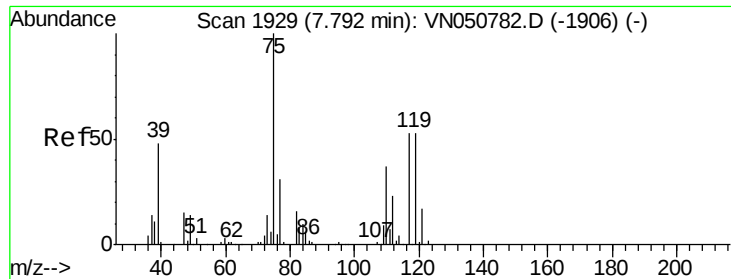
#35
 Dibromofluoromethane
 Concen: 47.48 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050967.D
 Acq: 30 Aug 2018 17:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	22.9	18.0	27.0



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

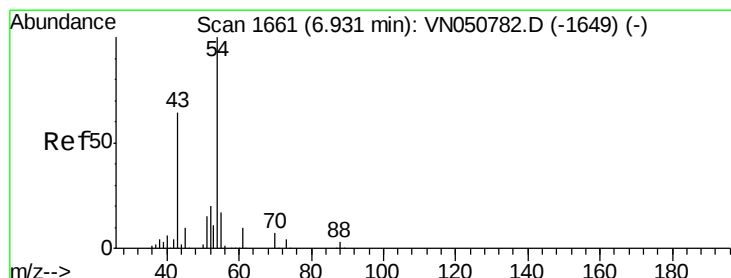
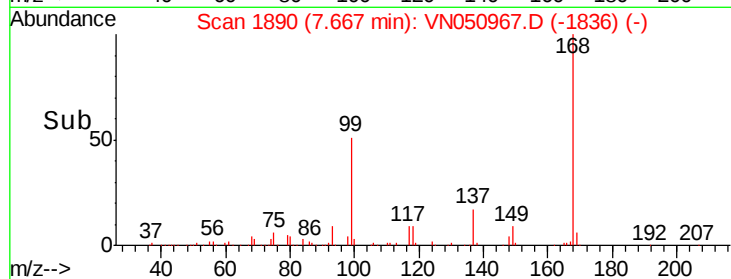
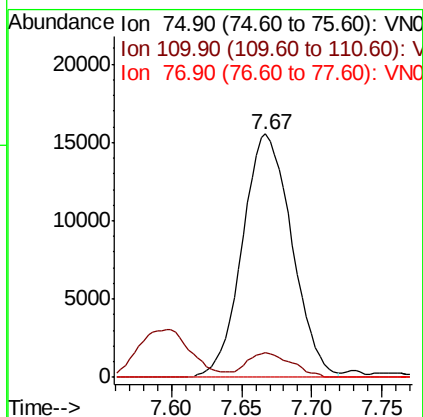
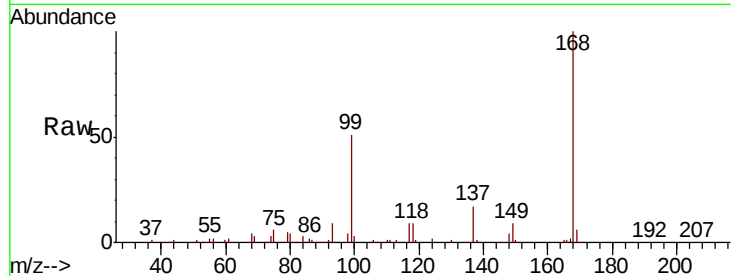




#36
 1,1-Dichloropropene
 Concen: 3.34 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050967.D
 Acq: 30 Aug 2018 17:05

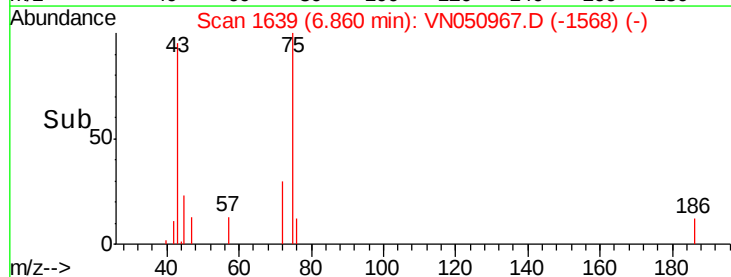
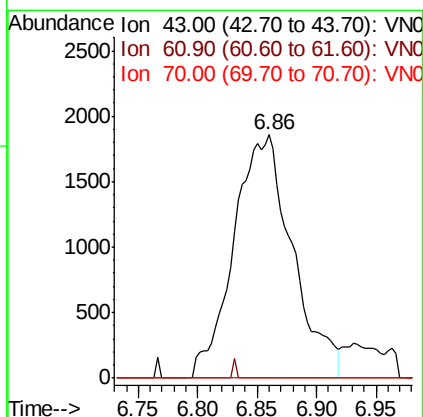
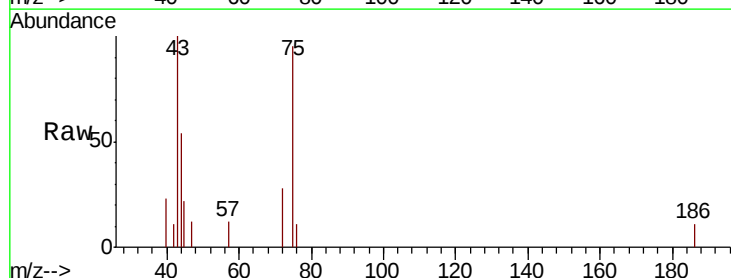
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-082918-B

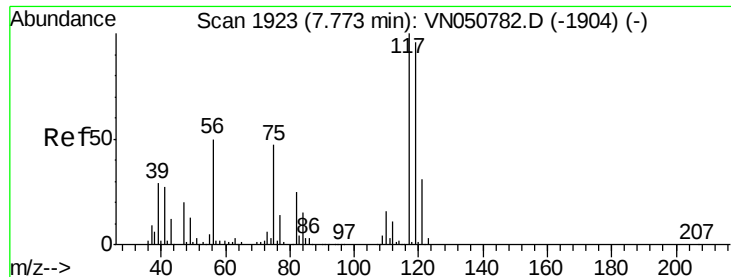
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 0.97 ug/l
 RT: 6.86 min Scan# 1639
 Delta R.T. -0.07 min
 Lab File: VN050967.D
 Acq: 30 Aug 2018 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.0	18.0#
70	0.0	8.6	13.0#





#38

Carbon Tetrachloride

Concen: 4.51 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.10 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-082918-B

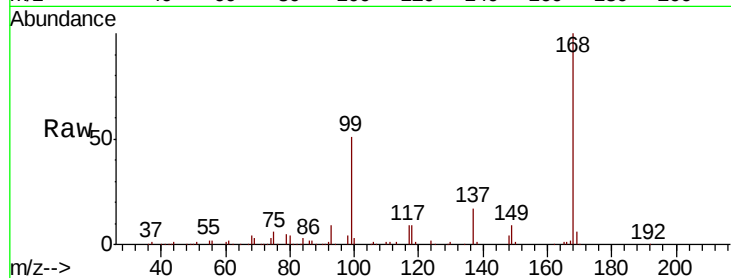
Tot Ion:117 Resp: 52025

Ion Ratio Lower Upper

117 100

119 6.6 76.3 114.5#

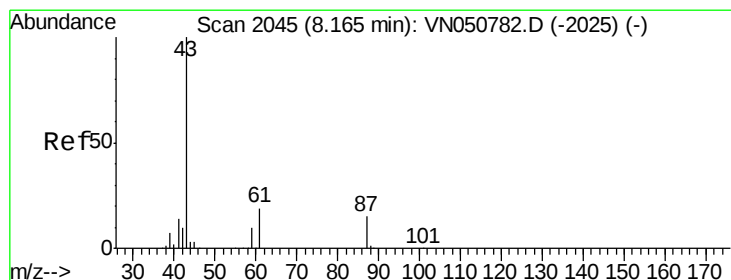
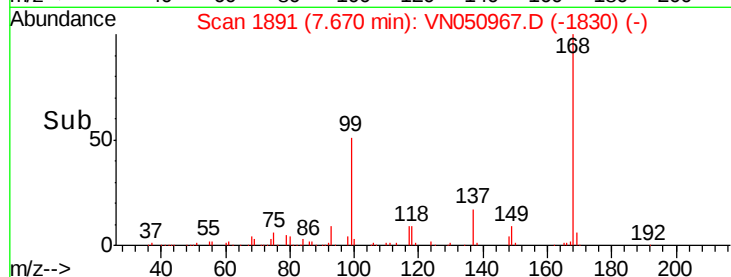
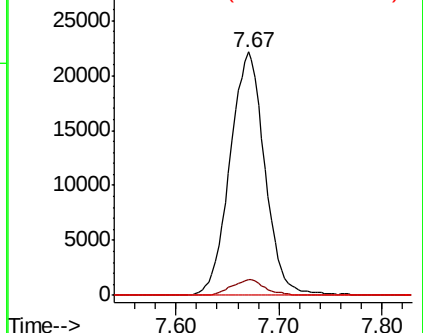
121 0.0 24.6 36.8#



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: 29.98 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

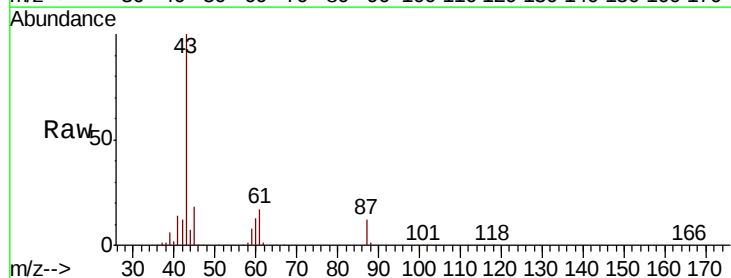
Tgt Ion: 43 Resp: 337835

Ion Ratio Lower Upper

43 100

61 15.5 17.5 26.3#

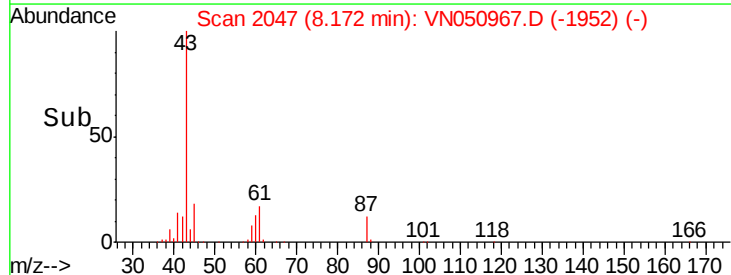
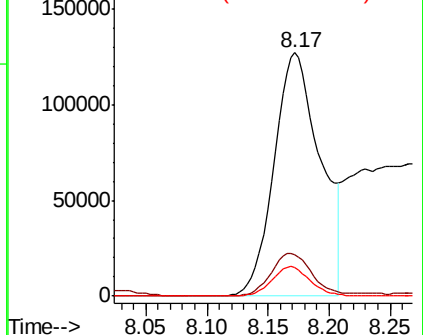
87 10.0 11.3 16.9#

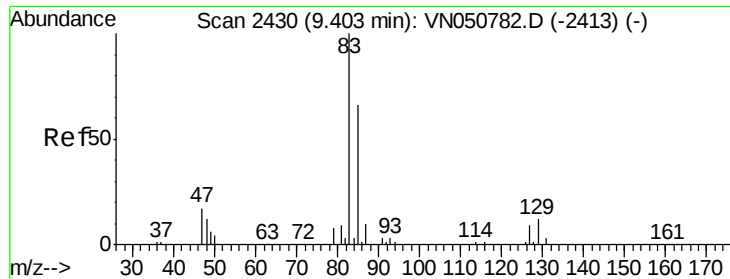


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#47

Bromodichloromethane

Concen: 0.26 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-082918-B

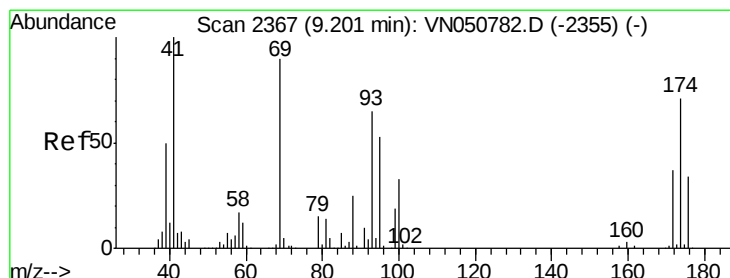
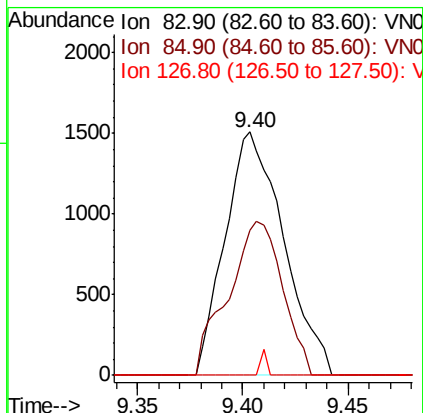
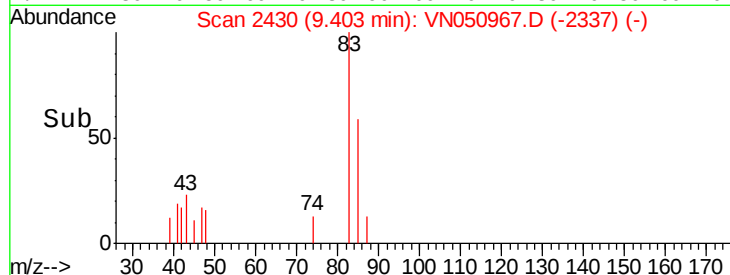
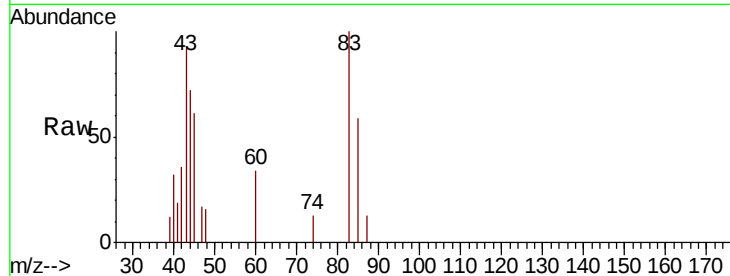
Tot Ion: 83 Resp: 2912

Ion Ratio Lower Upper

83 100

85 59.4 52.6 78.8

127 0.0 7.2 10.8#



#48

Methyl methacrylate

Concen: 1.59 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

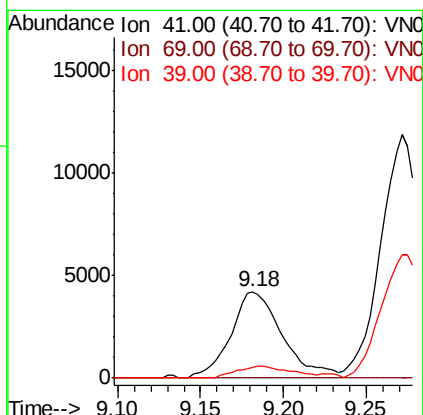
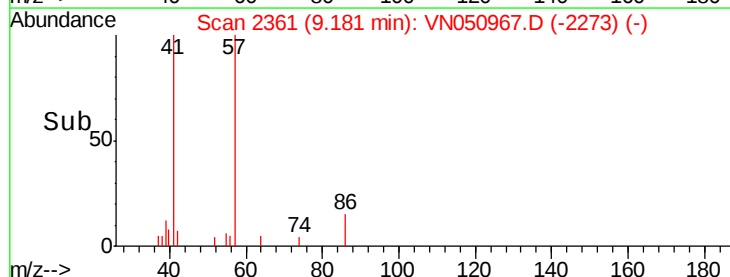
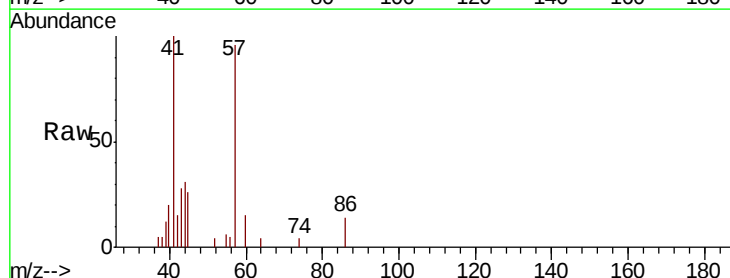
Tgt Ion: 41 Resp: 9117

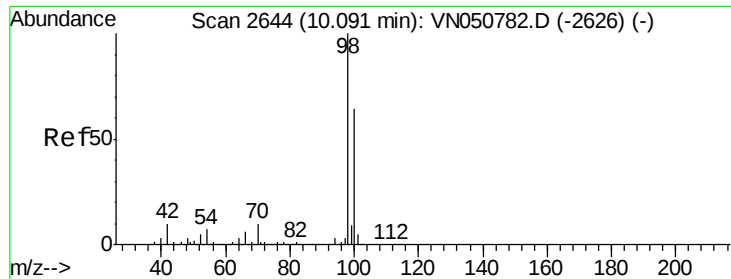
Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 14.6 42.2 63.2#





#50

Toluene-d8

Concen: 45.15 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

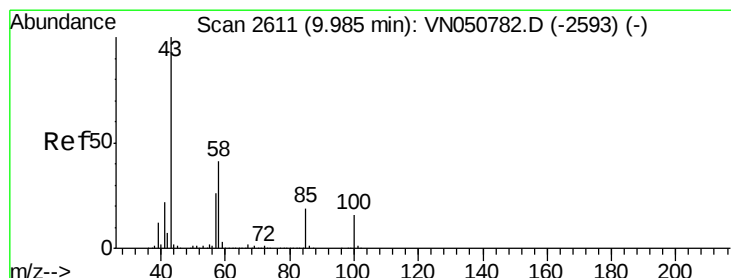
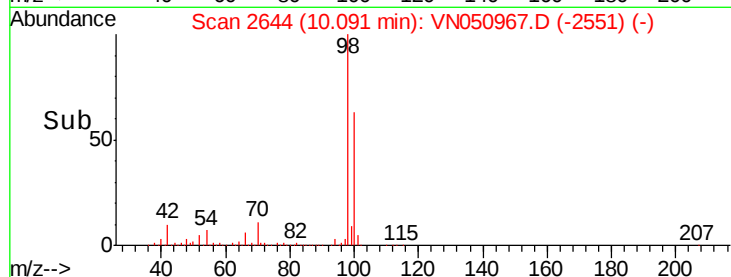
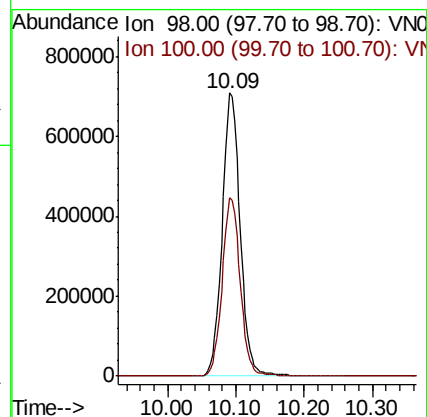
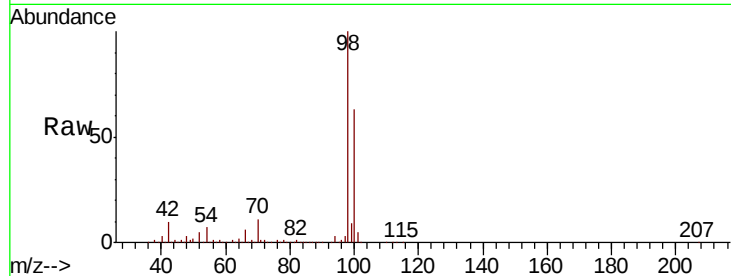
CL-02-082918-B

Tot Ion: 98 Resp: 1298474

Ion Ratio Lower Upper

98 100

100 63.1 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.30 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.01 min

Lab File: VN050967.D

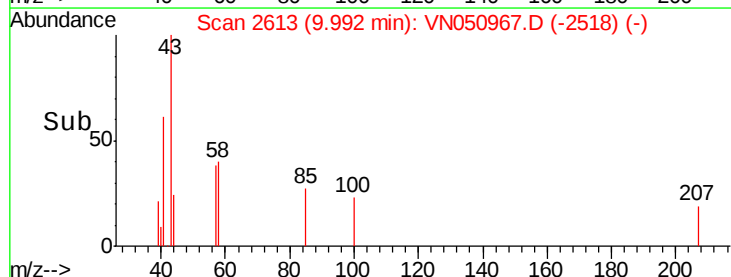
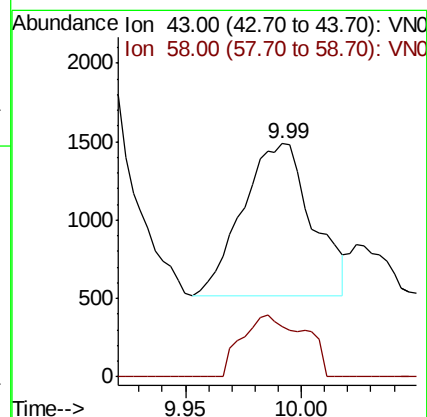
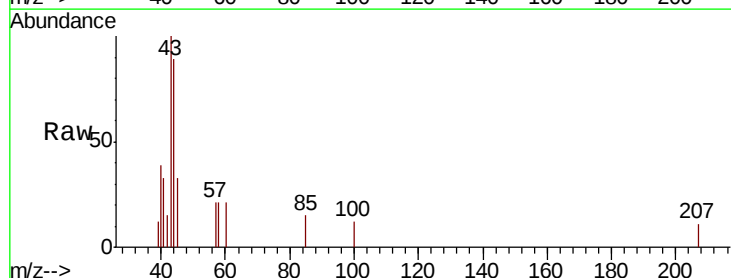
Acq: 30 Aug 2018 17:05

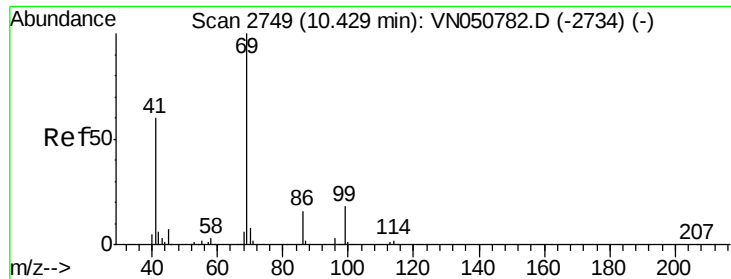
Tgt Ion: 43 Resp: 2009

Ion Ratio Lower Upper

43 100

58 36.9 32.4 48.6





#56

Ethyl methacrylate

Concen: 2.55 ug/l

RT: 10.23 min Scan# 2688

Delta R.T. -0.20 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-082918-B

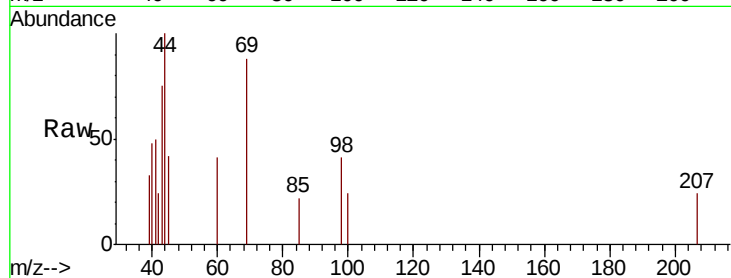
Tot Ion: 69 Resp: 2041

Ion Ratio Lower Upper

69 100

41 40.2 48.3 72.5#

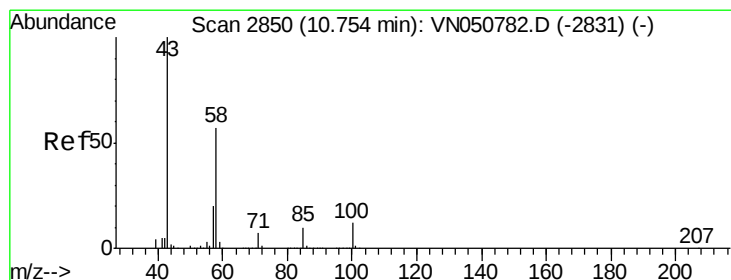
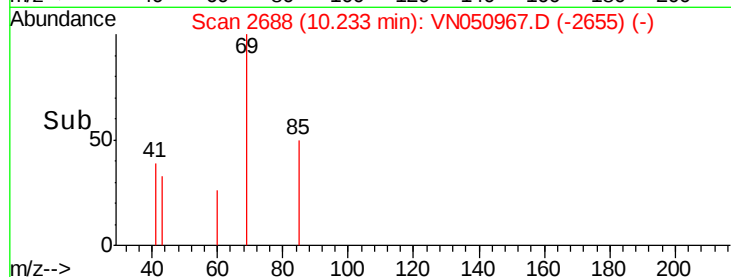
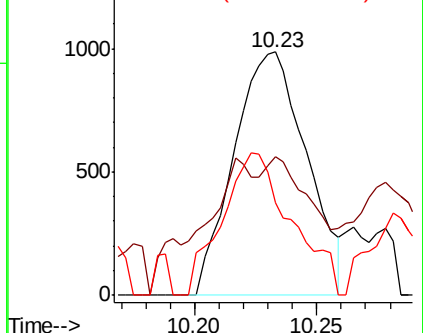
39 55.7 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 3.81 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050967.D

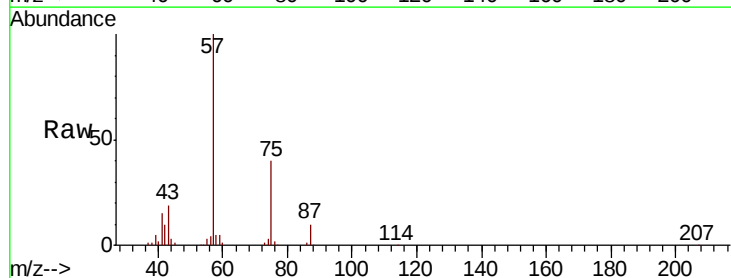
Acq: 30 Aug 2018 17:05

Tgt Ion: 43 Resp: 17045

Ion Ratio Lower Upper

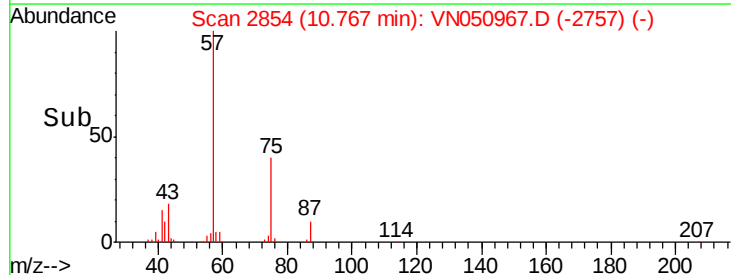
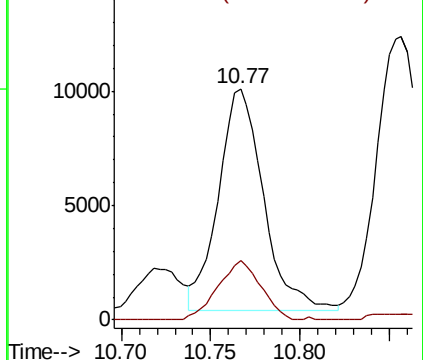
43 100

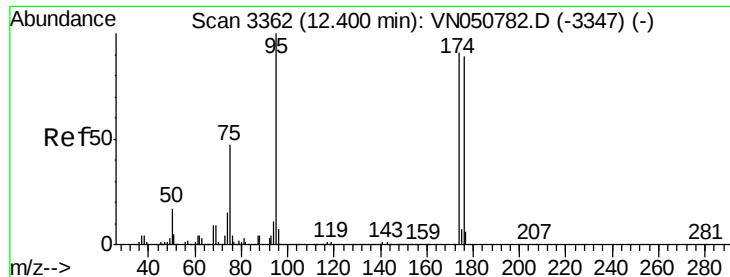
58 25.5 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.74 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-082918-B

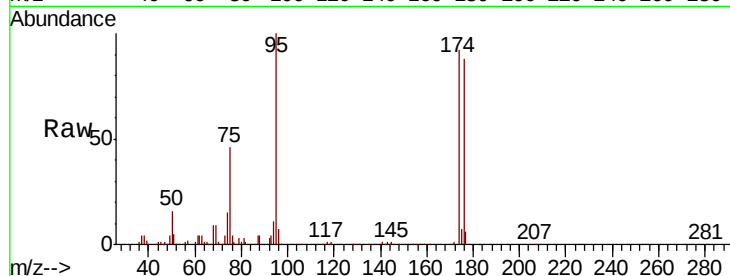
Tot Ion: 95 Resp: 351060

Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.0

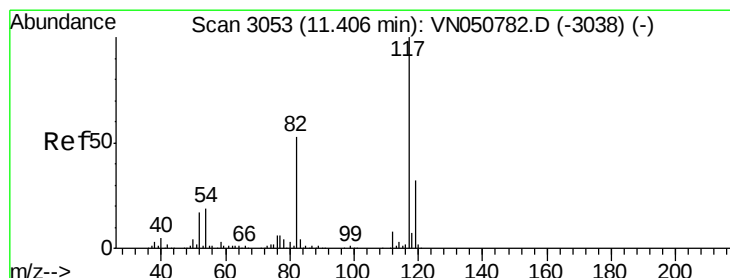
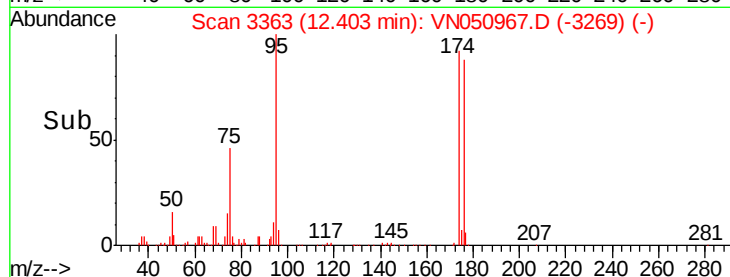
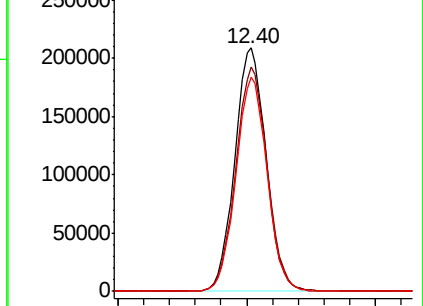
176 87.7 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

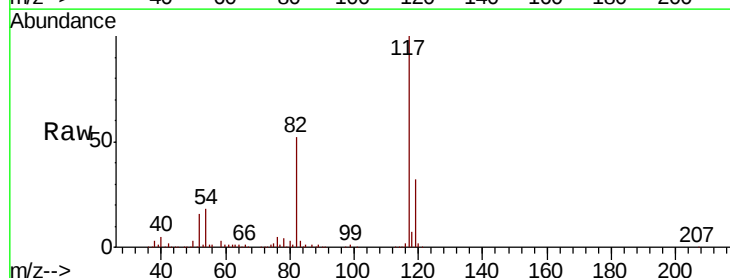
Tgt Ion: 117 Resp: 814586

Ion Ratio Lower Upper

117 100

82 52.1 42.6 64.0

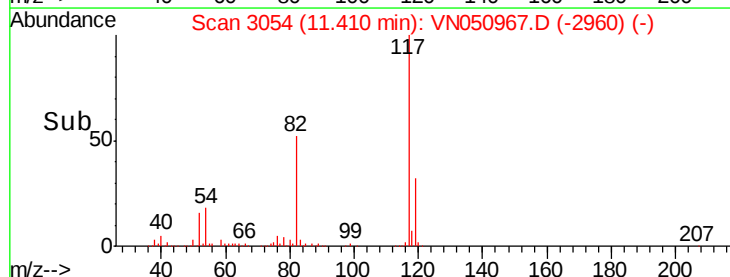
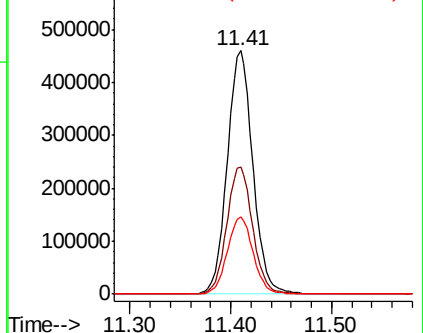
119 31.6 25.8 38.6

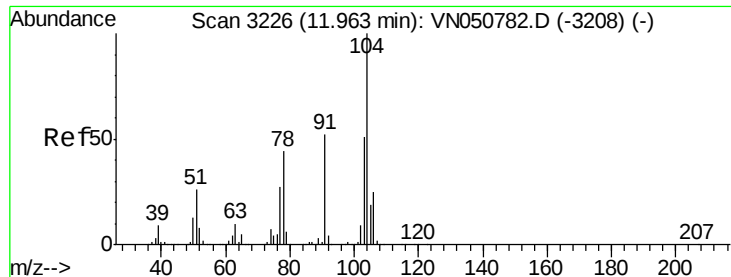


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#70

Stvrene

Concen: 1.28 ug/l

RT: 11.96 min Scan# 3225

Delta R.T. -0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-082918-B

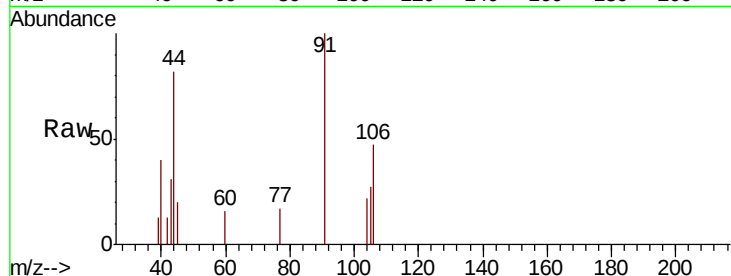
Tot Ion:104 Resp: 277

Ion Ratio Lower Upper

104 100

78 11.2 38.2 57.4#

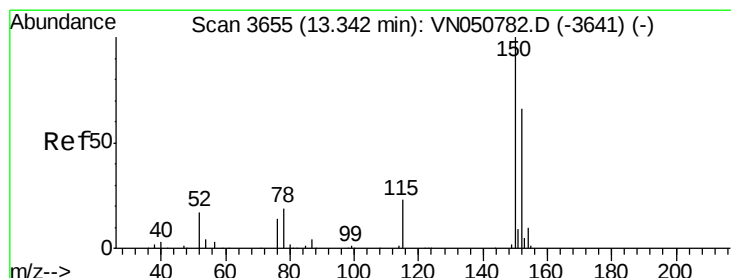
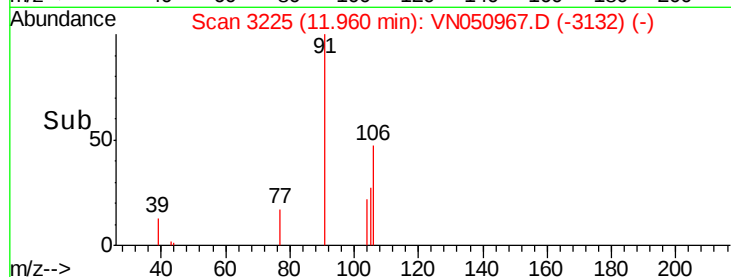
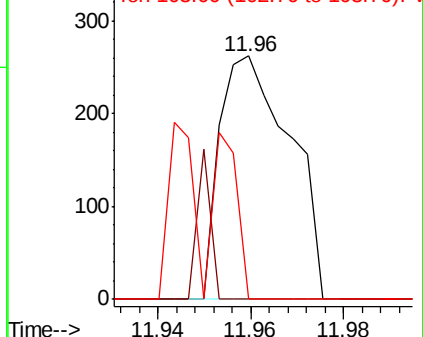
103 23.5 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

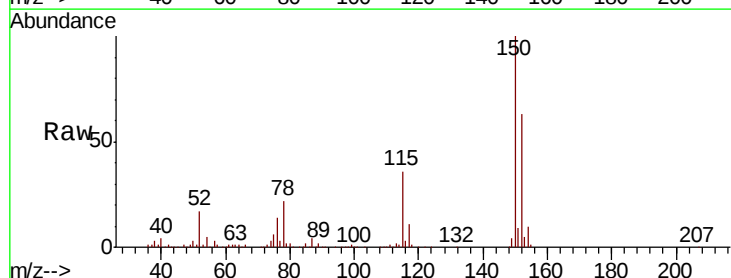
Tgt Ion:152 Resp: 277630

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.4

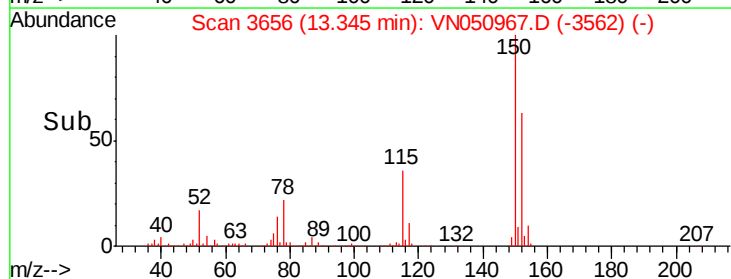
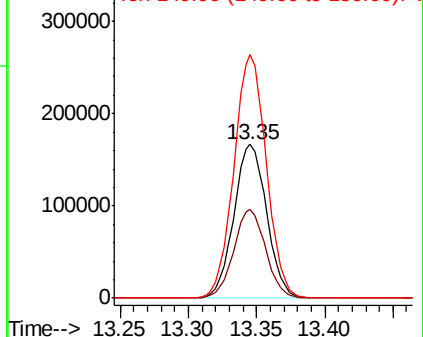
150 156.5 0.0 351.4

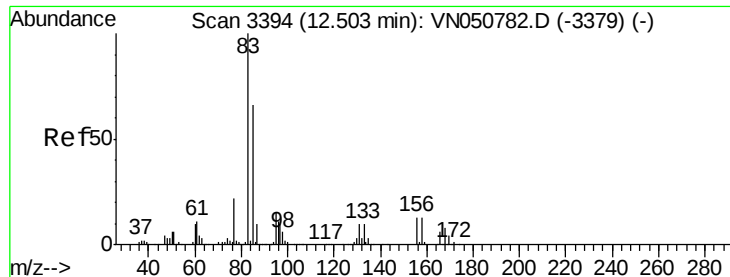


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3384

Delta R.T. -0.03 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-082918-B

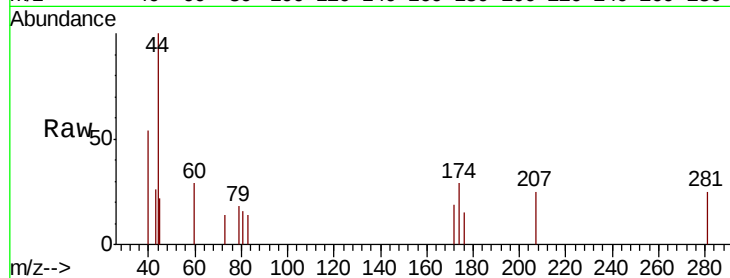
Tot Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 0.0 31.9 95.7#



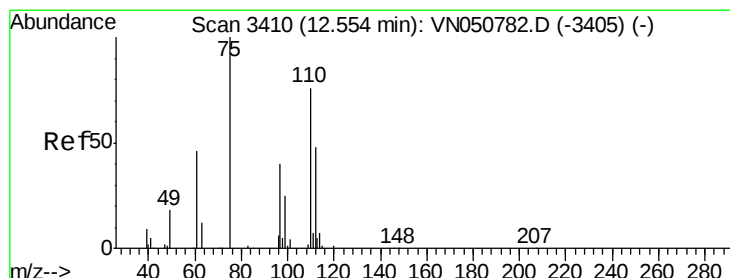
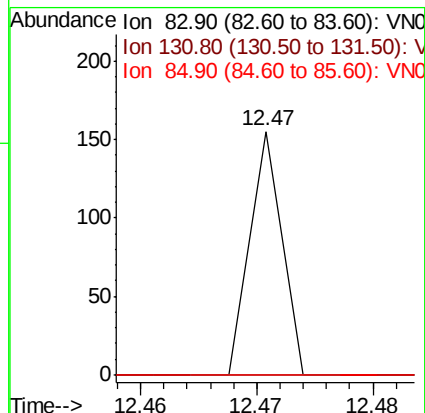
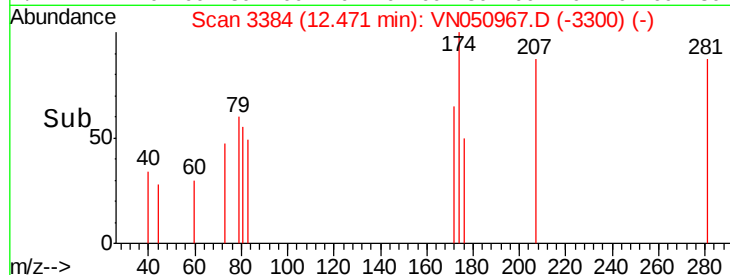
Abundance Ion 82.90 (82.60 to 83.60): VN050967.D (-3300) (-)

Ion 130.80 (130.50 to 131.50): VN050967.D (-3300) (-)

Ion 84.90 (84.60 to 85.60): VN050967.D (-3300) (-)

12.47

12.46 12.47 12.48



#76

1,2,3-Trichloropropane

Concen: 33.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050967.D

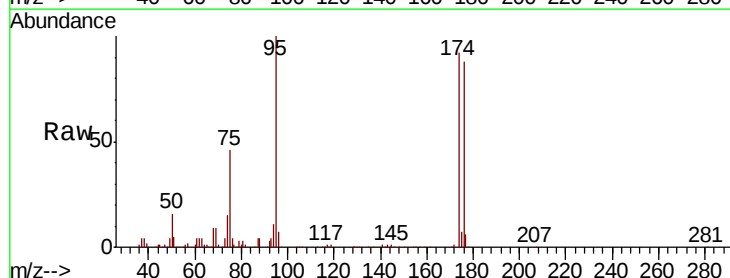
Acq: 30 Aug 2018 17:05

Tgt Ion: 75 Resp: 163239

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

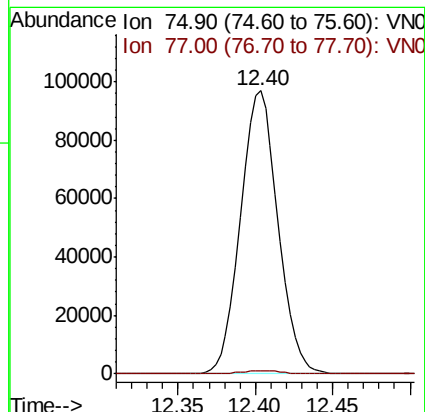
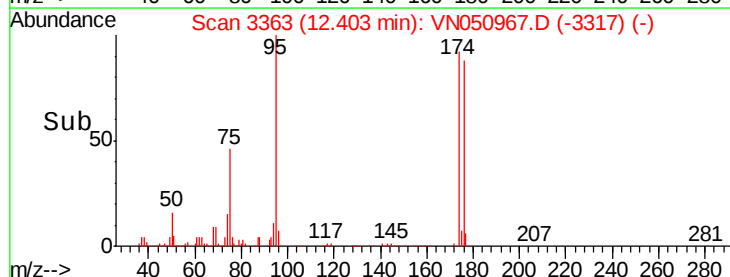


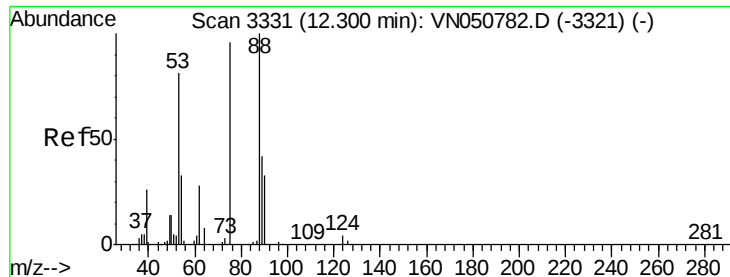
Abundance Ion 74.90 (74.60 to 75.60): VN050967.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN050967.D (-3317) (-)

12.40

12.35 12.40 12.45





#81

trans-1,4-Dichloro-2-butene

Concen: 113.48 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

CL-02-082918-B

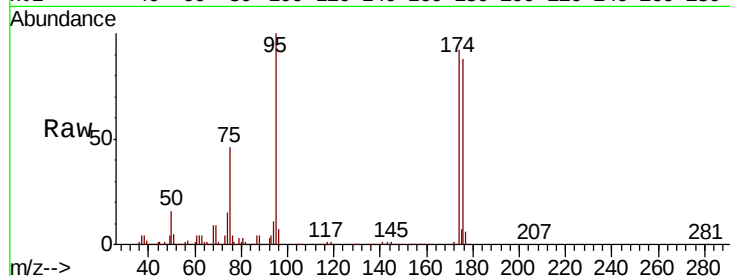
Tot Ion: 75 Resp: 163239

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

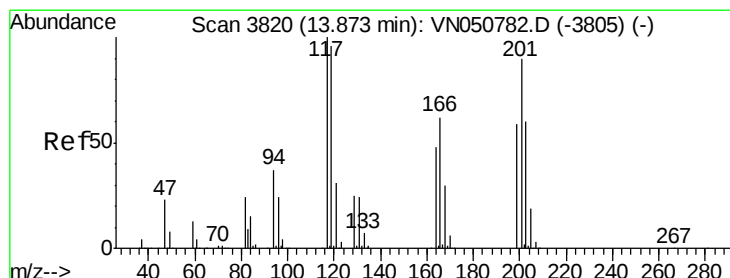
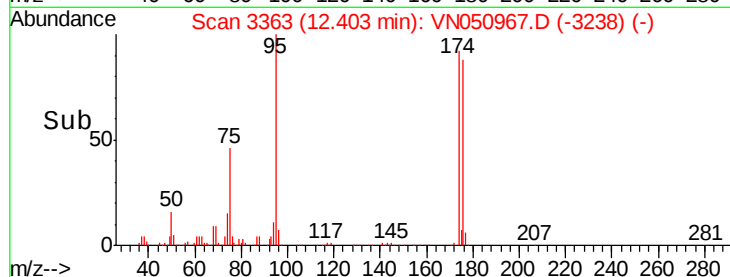
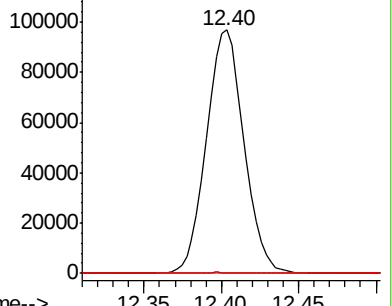
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN050782.D (-3321) (-)

Ion 53.00 (52.70 to 53.70): VN050782.D (-3321) (-)

Ion 88.90 (88.60 to 89.60): VN050782.D (-3321) (-)



#90

Hexachloroethane

Concen: 0.27 ug/l

RT: 14.00 min Scan# 3859

Delta R.T. 0.13 min

Lab File: VN050967.D

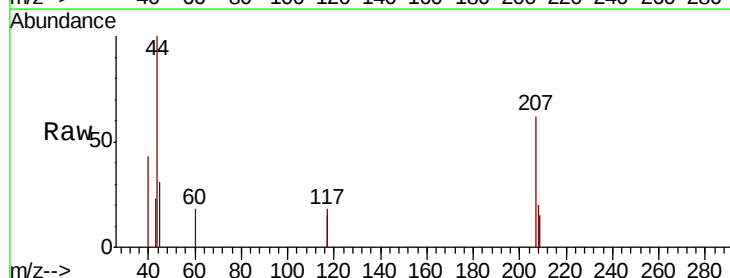
Acq: 30 Aug 2018 17:05

Tgt Ion: 117 Resp: 310

Ion Ratio Lower Upper

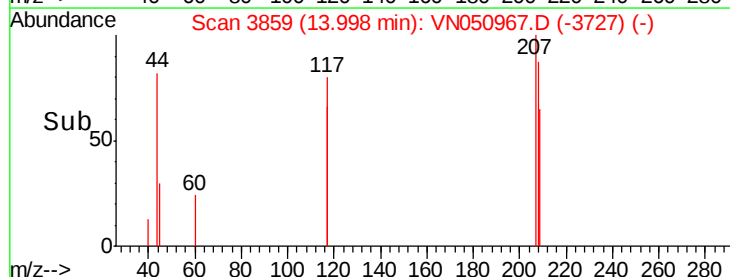
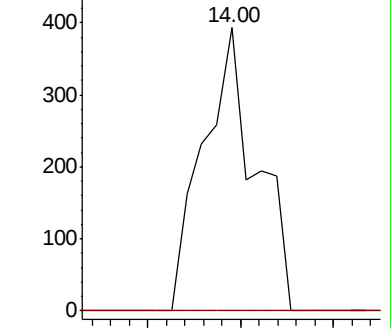
117 100

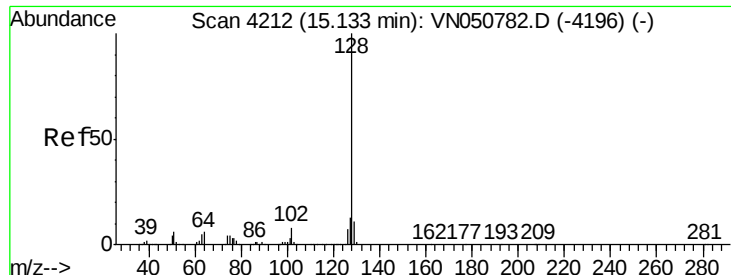
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): VN050782.D (-3805) (-)

Ion 200.70 (200.40 to 201.40): VN050782.D (-3805) (-)





#95
Naphthalene
Concen: 6.48 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

Instrument :
MSVOA_N
ClientSampleId :
CL-02-082918-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.5	15.7#
129	10.0	8.7	13.1

