

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083118\
 Data File : VN050992.D
 Acq On : 31 Aug 2018 16:53
 Operator : MD\SY
 Sample : J4276-01
 Misc : 3.40µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-080718

Quant Time: Aug 31 23:03:12 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	557888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	871632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	702952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	345390	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	7.59	113	333042	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	10.09	98	1172806	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
62) 4-Bromofluorobenzene	12.40	95	315001	36.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.12%	

Target Compounds

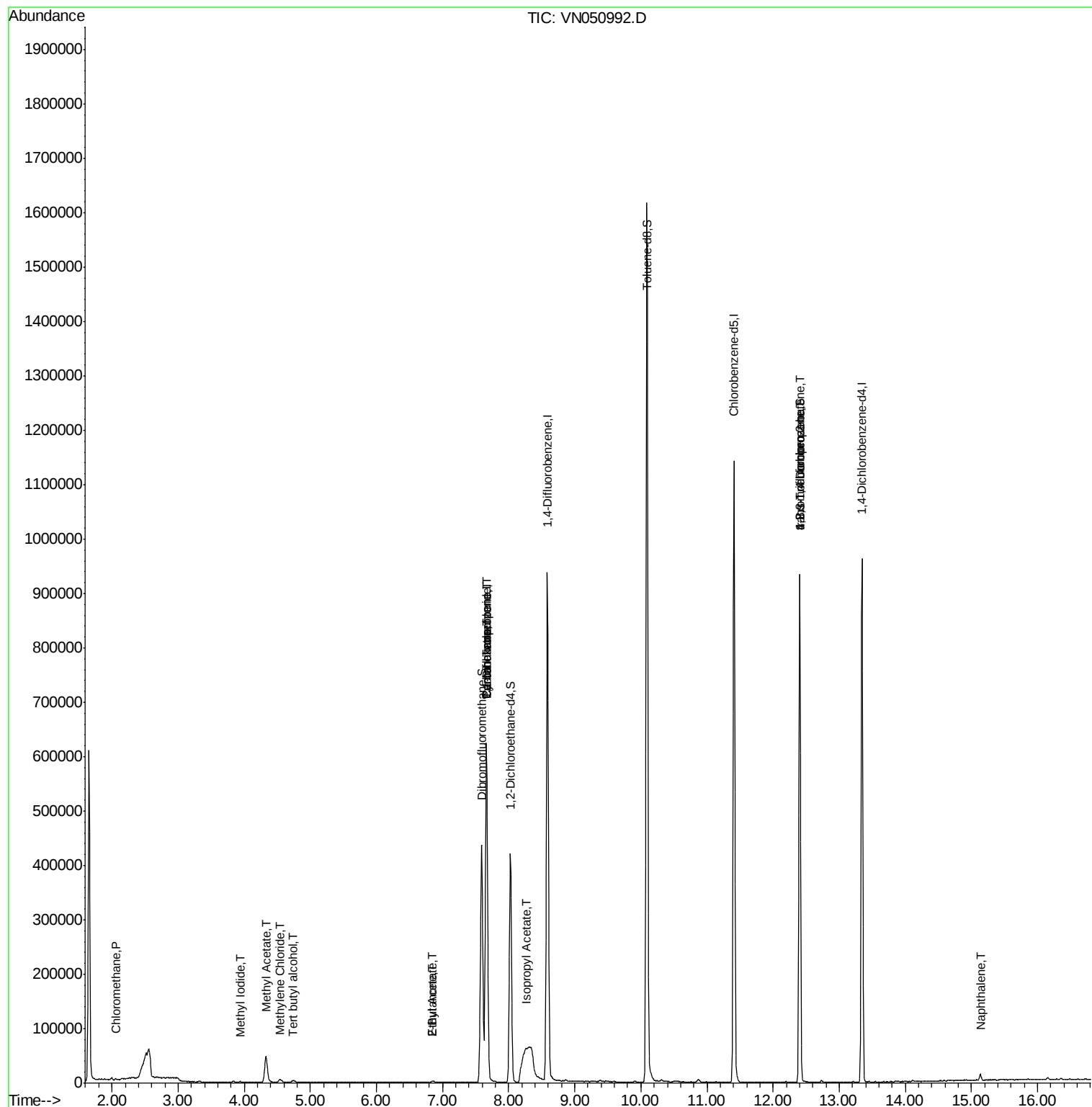
						Qvalue
3) Chloromethane	2.05	50	3167	0.34	ug/l	94
5) Bromomethane	2.57	94	166	Below	Cal #	51
10) Methyl Iodide	3.94	142	1990	6.62	ug/l #	75
11) Tert butyl alcohol	4.73	59	1714	4.01	ug/l #	72
16) Acetone	3.83	43	2431	Below	Cal #	85
18) Methyl Acetate	4.33	43	94110	14.84	ug/l	99
20) Methylene Chloride	4.54	84	2417	0.32	ug/l #	83
25) 2-Butanone	6.85	43	2304	0.85	ug/l	98
31) Cyclohexane	7.66	56	9210	1.26	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	35643	3.47	ug/l #	49
37) Ethyl Acetate	6.85	43	2304	0.39	ug/l #	67
38) Carbon Tetrachloride	7.67	117	49924	4.80	ug/l #	17
43) Isopropyl Acetate	8.25	43	95519	9.40	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.41	83	206	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	147824	30.35	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	147824	102.62	ug/l #	15
95) Naphthalene	15.14	128	10591	6.25	ug/l	97

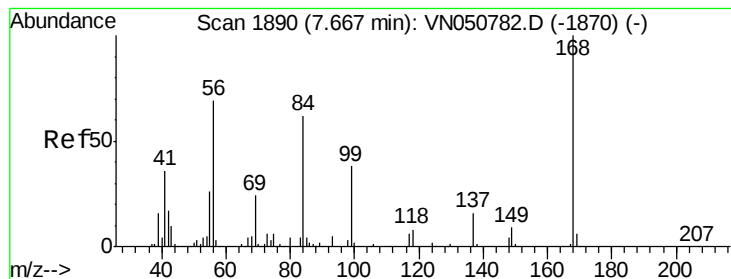
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083118\
Data File : VN050992.D
Acq On : 31 Aug 2018 16:53
Operator : MD\SY
Sample : J4276-01
Misc : 3.40g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

Quant Time: Aug 31 23:03:12 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

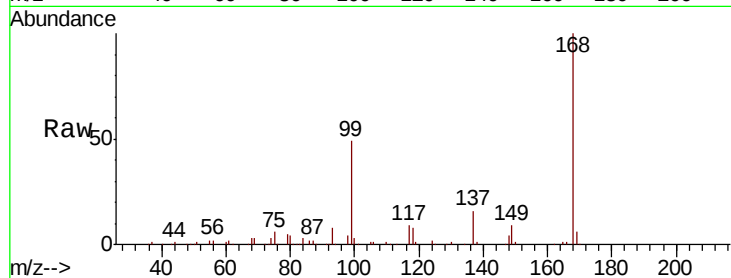
OK-02-080718

Tot Ion:168 Resp: 557888

Ion Ratio Lower Upper

168 100

99 49.5 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

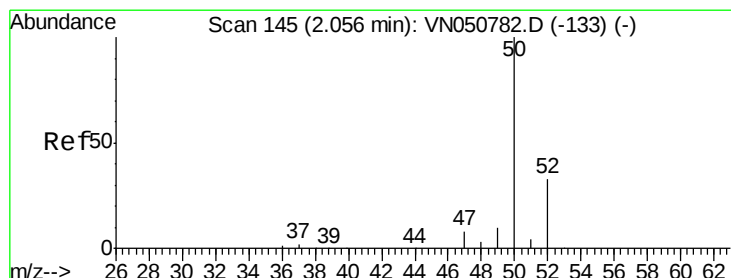
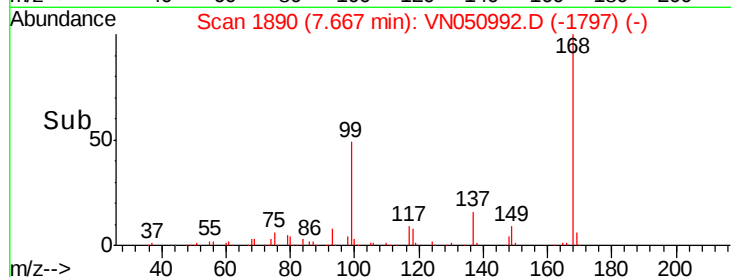
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.34 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN050992.D

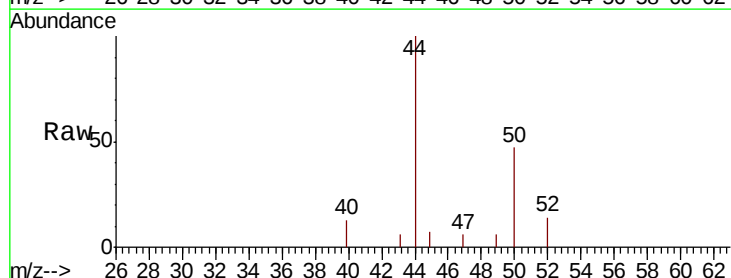
Acq: 31 Aug 2018 16:53

Tgt Ion: 50 Resp: 3167

Ion Ratio Lower Upper

50 100

52 29.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2500

2000

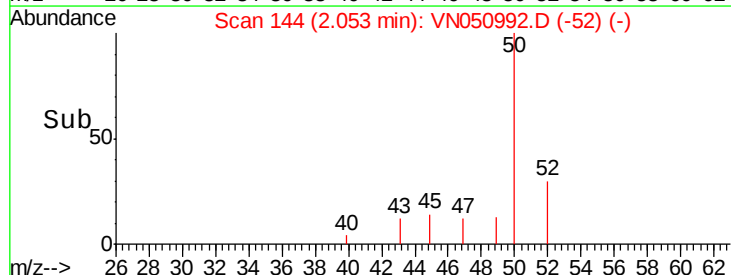
1500

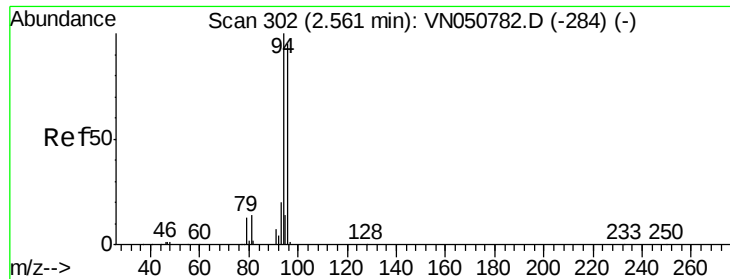
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

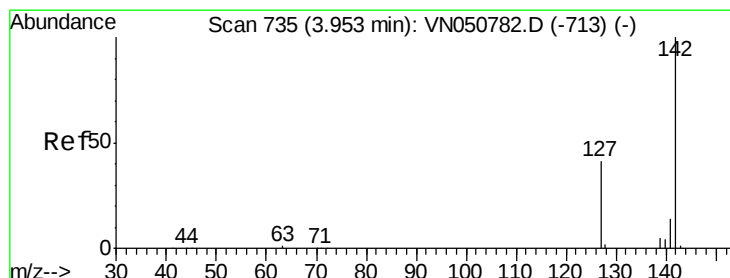
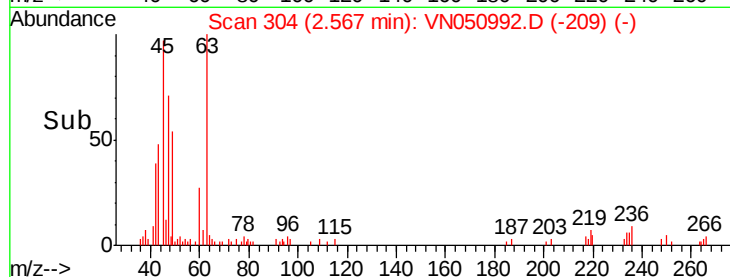
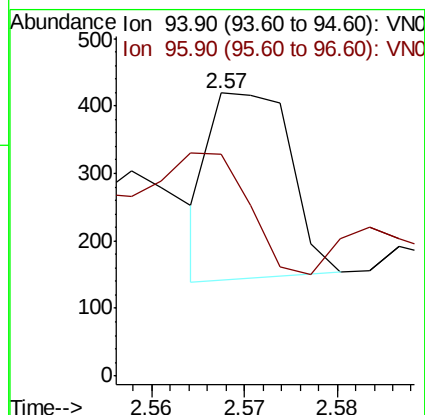
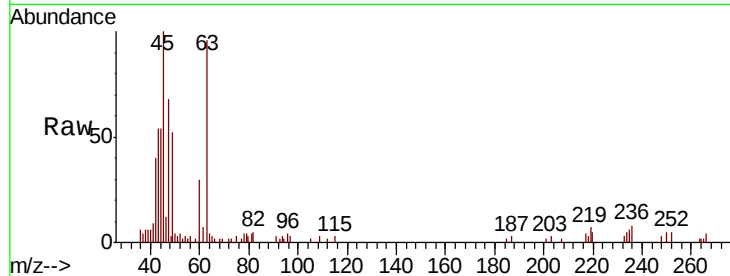
OK-02-080718

Tot Ion: 94 Resp: 166

Ion Ratio Lower Upper

94 100

96 47.2 76.2 114.2#



#10

Methyl Iodide

Concen: 6.62 ug/l

RT: 3.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

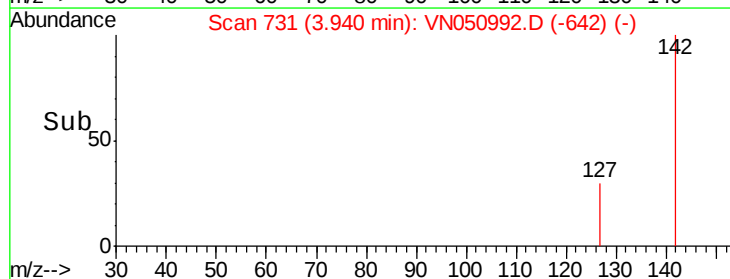
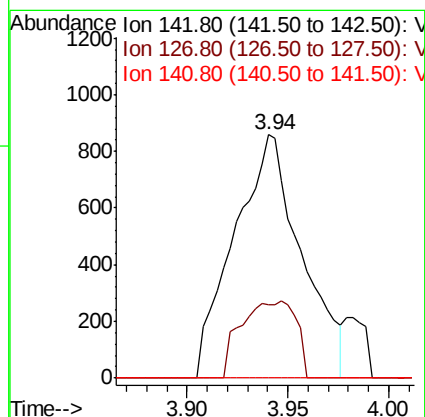
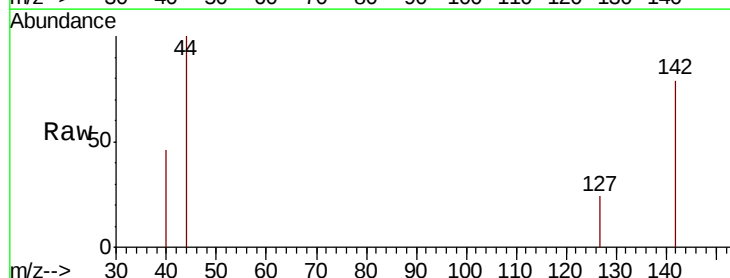
Tgt Ion: 142 Resp: 1990

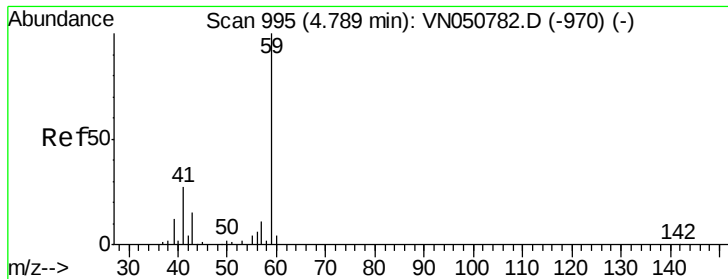
Ion Ratio Lower Upper

142 100

127 26.2 31.7 47.5#

141 0.0 11.4 17.0#

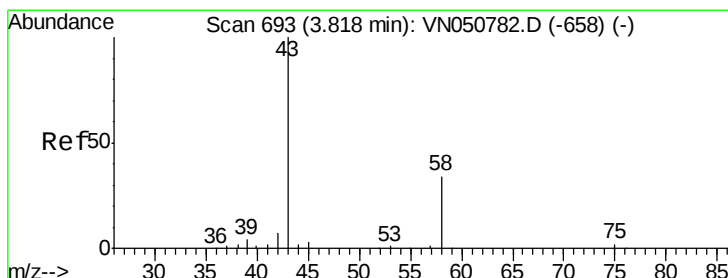
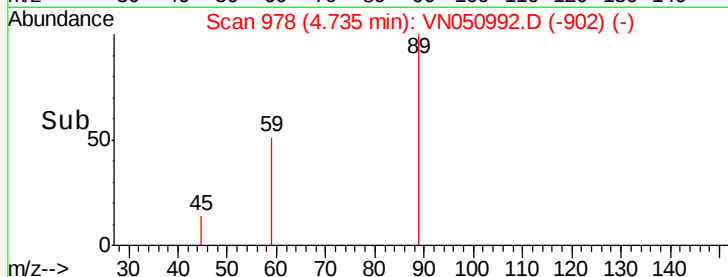
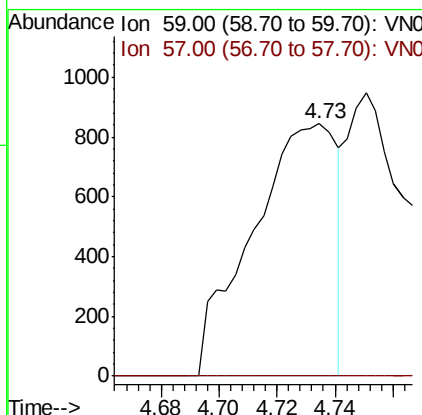
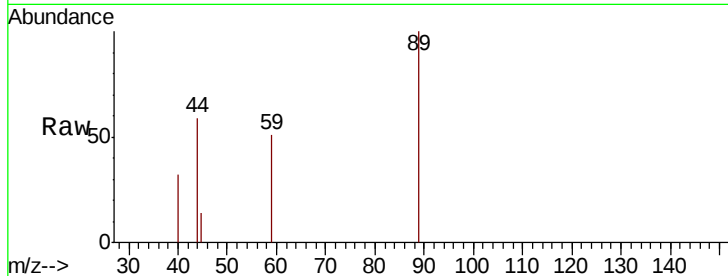




#11
Tert butyl alcohol
Concen: 4.01 ug/l
RT: 4.73 min Scan# 978
Delta R.T. -0.05 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

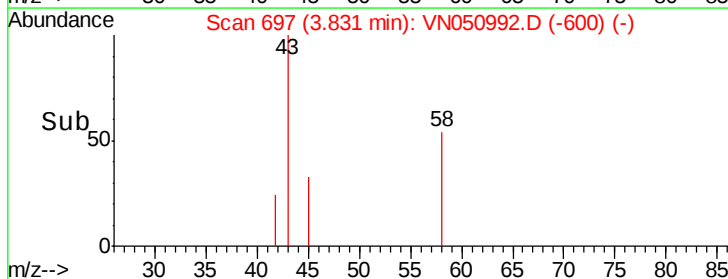
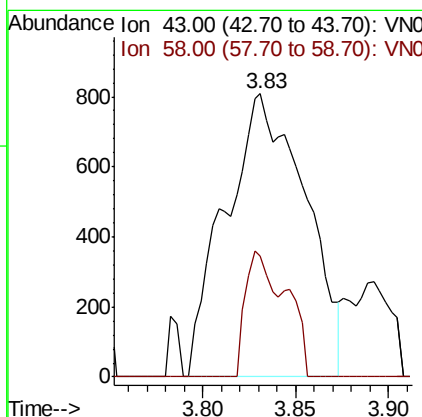
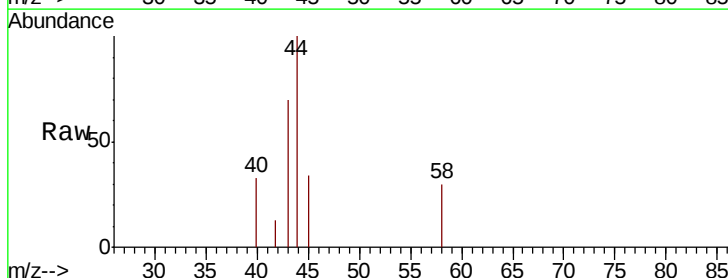
Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

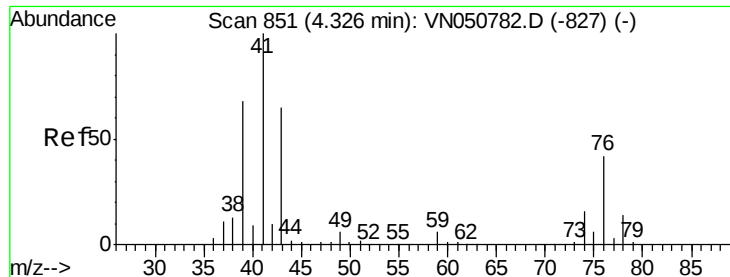
Tot Ion: 59 Resp: 1714
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Tgt Ion: 43 Resp: 2431
Ion Ratio Lower Upper
43 100
58 42.8 27.2 40.8#

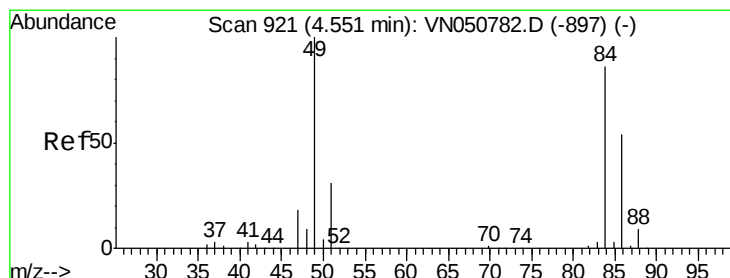
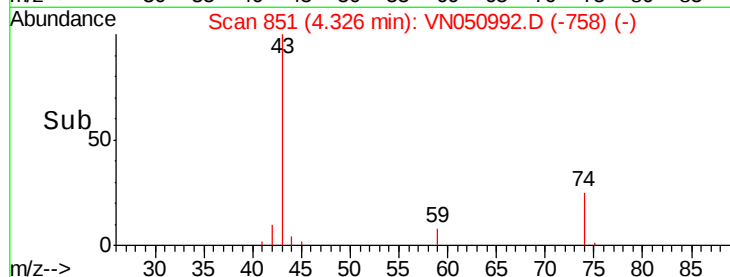
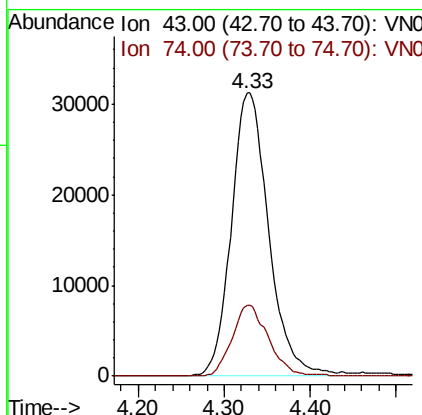
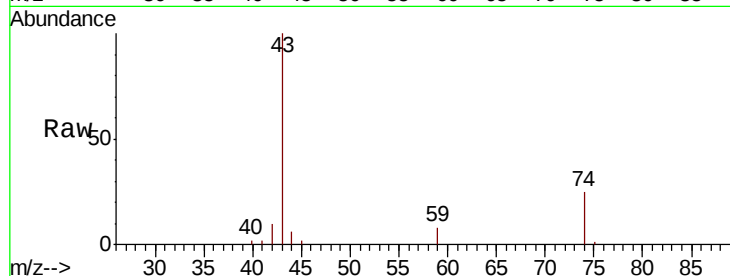




#18
Methyl Acetate
Concen: 14.84 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

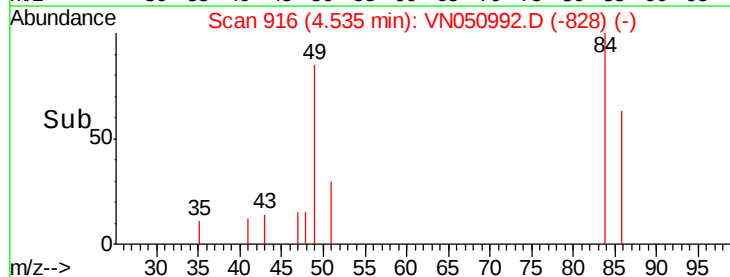
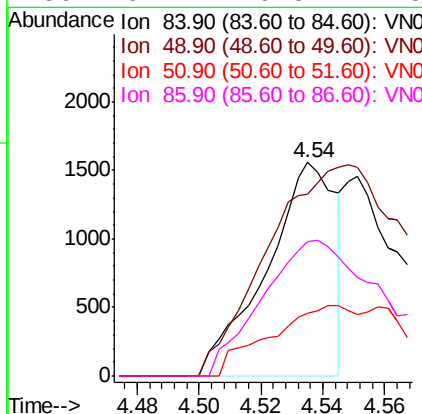
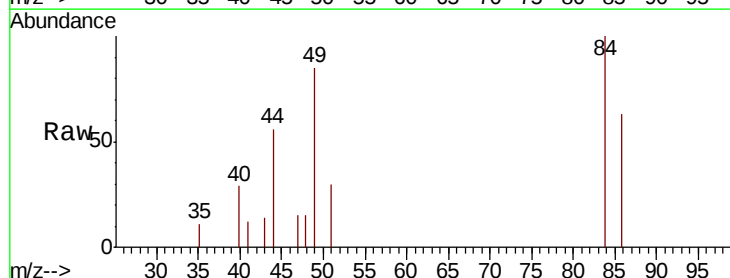
Instrument :
MSVOA_N
ClientSampled :
OK-02-080718

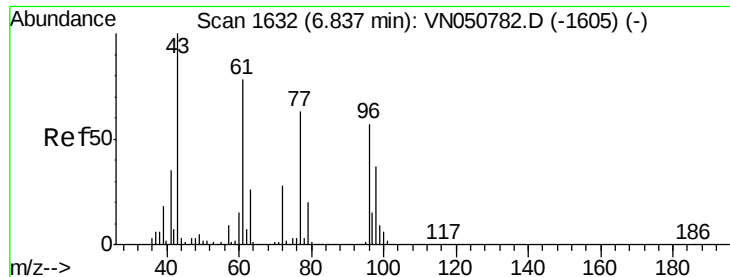
Tot Ion: 43 Resp: 94110
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.8



#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 4.54 min Scan# 916
Delta R.T. -0.02 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Tgt Ion: 84 Resp: 2417
Ion Ratio Lower Upper
84 100
49 85.4 93.2 139.8#
51 29.6 29.0 43.6
86 62.7 49.8 74.8

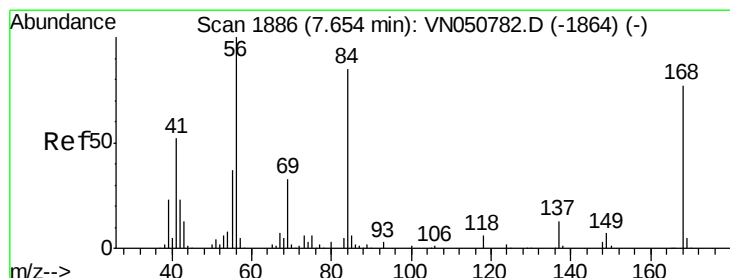
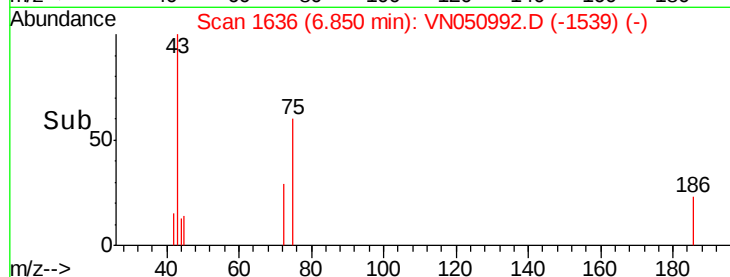
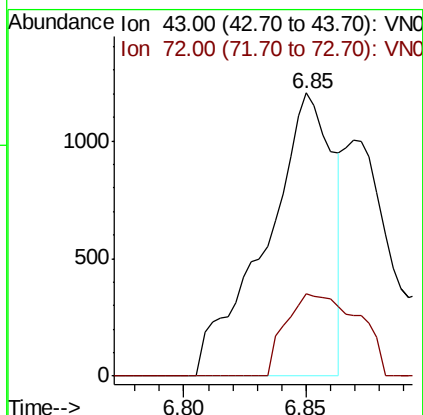
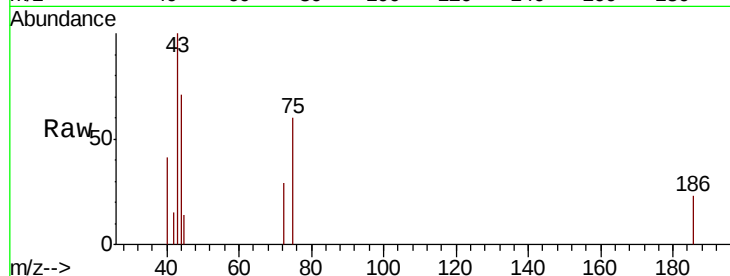




#25
2-Butanone
Concen: 0.85 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

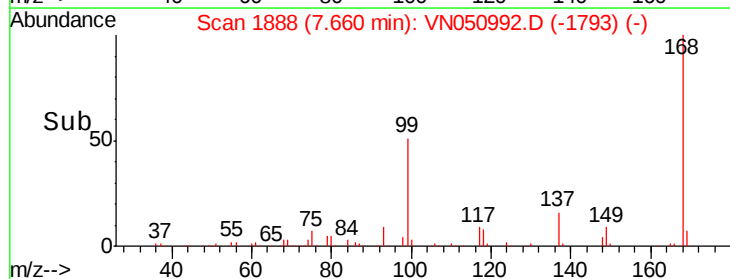
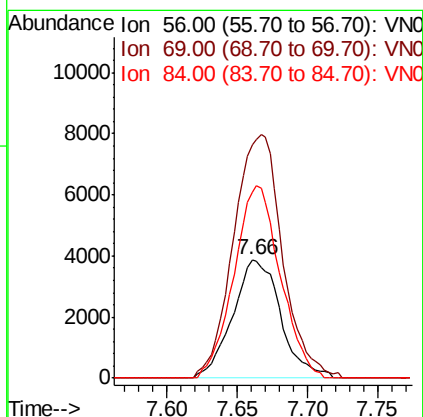
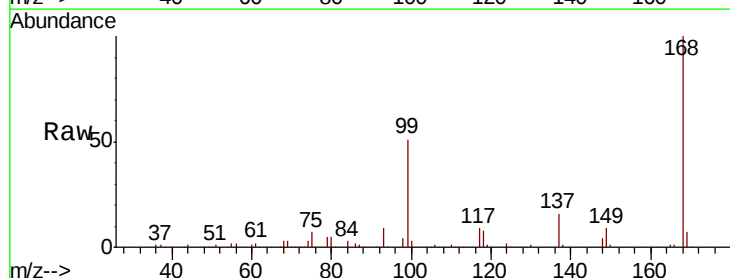
Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

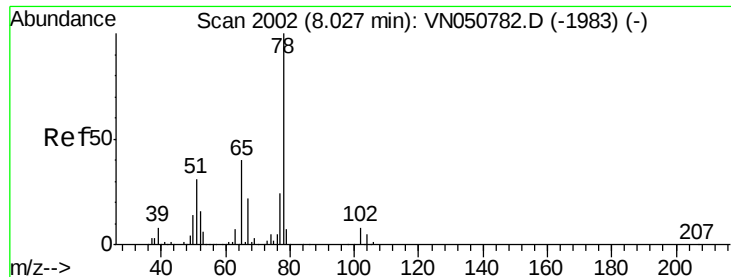
Tot Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
72 29.0 22.3 33.5



#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.66 min Scan# 1888
Delta R.T. 0.01 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Tgt Ion: 56 Resp: 9210
Ion Ratio Lower Upper
56 100
69 197.0 26.2 39.4#
84 157.4 68.3 102.5#





#33

1,2-Dichloroethane-d4

Concen: 51.43 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

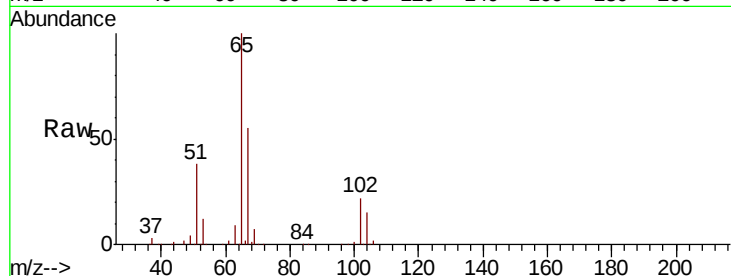
OK-02-080718

Tot Ion: 65 Resp: 345390

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050782.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050782.D (-1983) (-)

8.03

150000

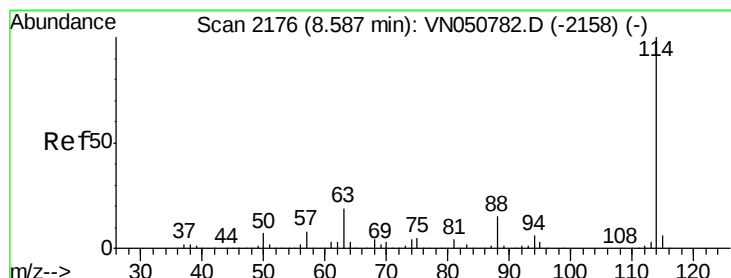
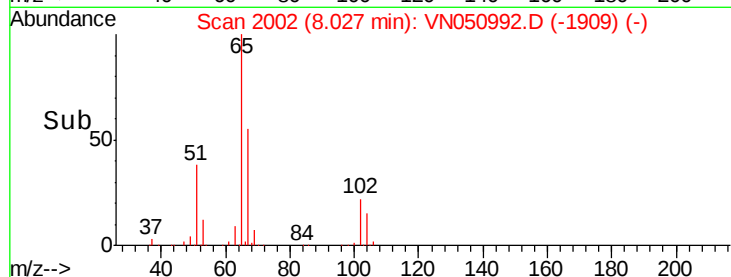
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

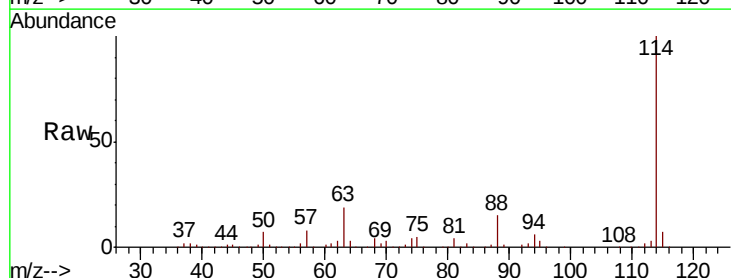
Tgt Ion: 114 Resp: 871632

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 15.4 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN050782.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050782.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050782.D (-2158) (-)

8.59

500000

400000

300000

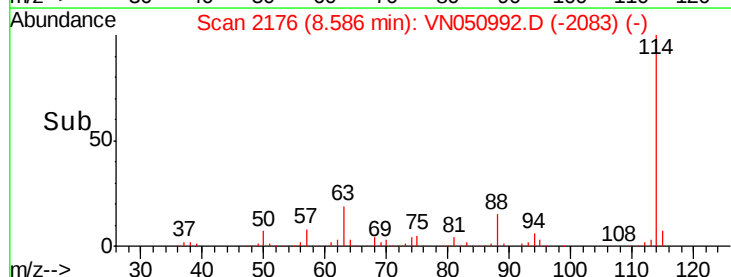
200000

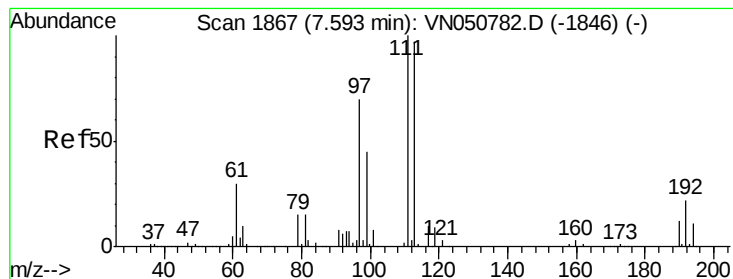
100000

0

8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 48.03 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

OK-02-080718

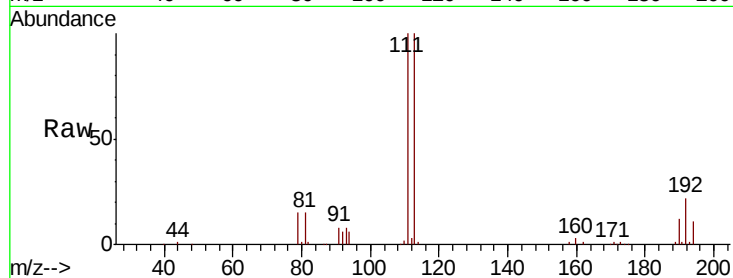
Tot Ion:113 Resp: 333042

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

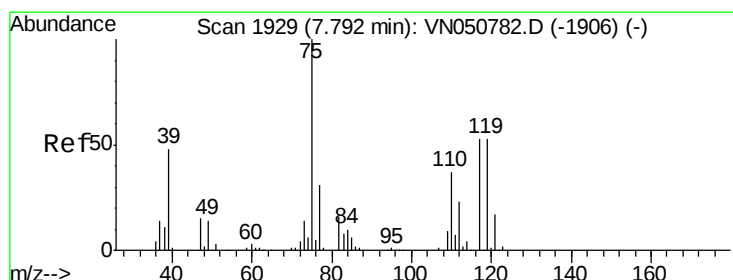
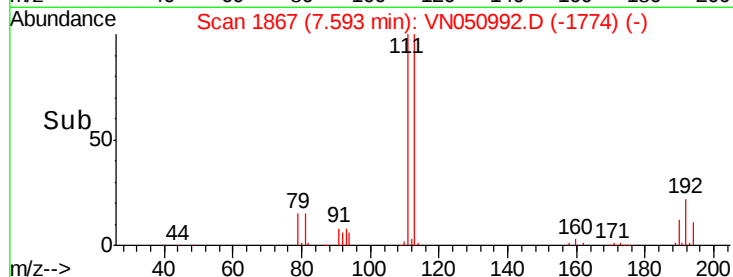
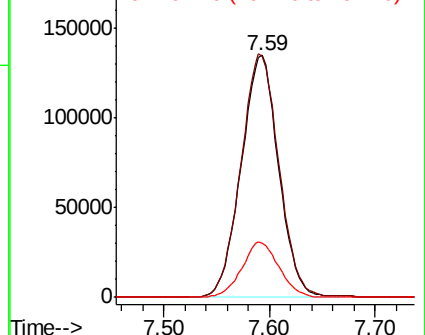
192 22.7 18.0 27.0



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: 3.47 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.13 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

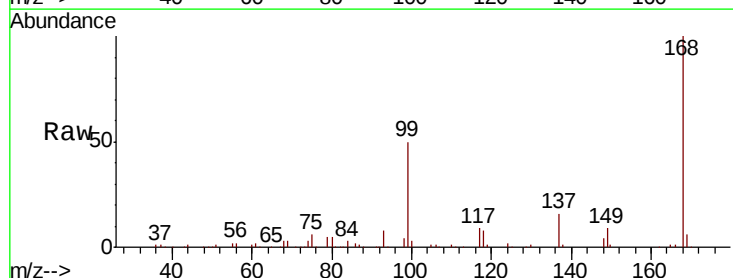
Tgt Ion: 75 Resp: 35643

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.4#

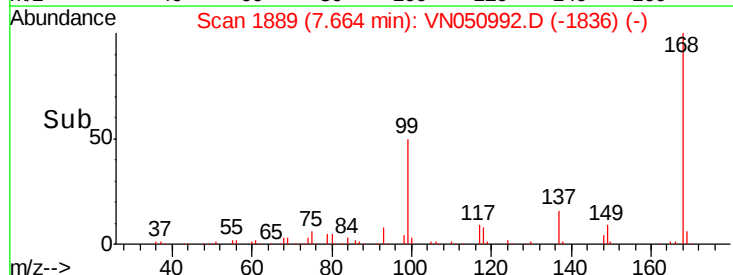
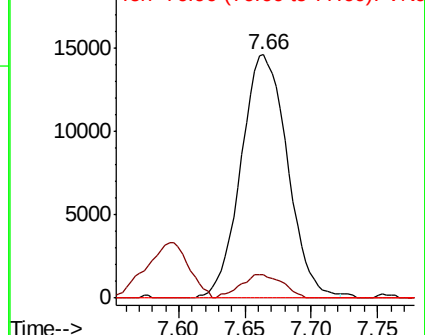
77 0.0 24.8 37.2#

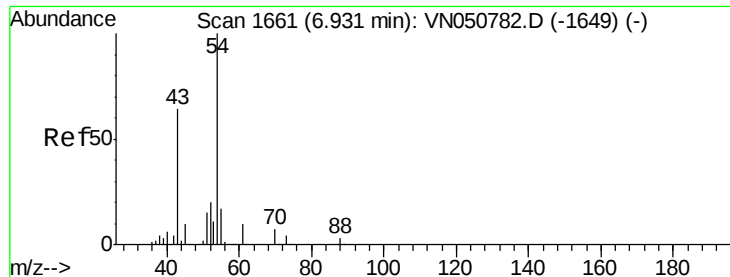


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

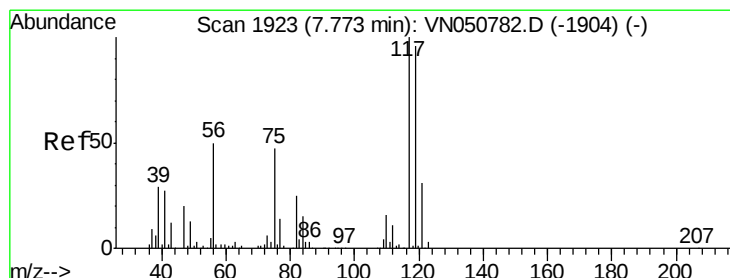
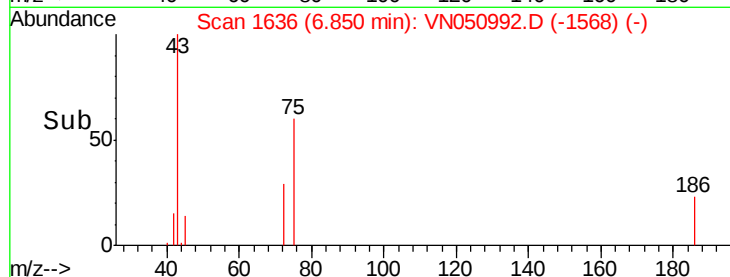
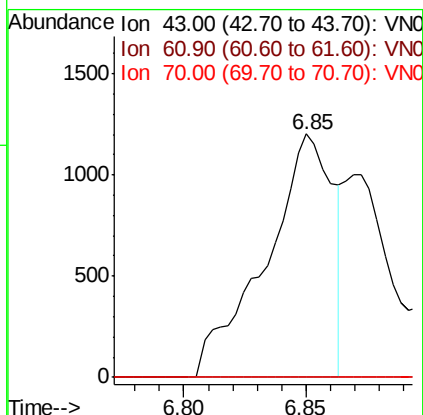
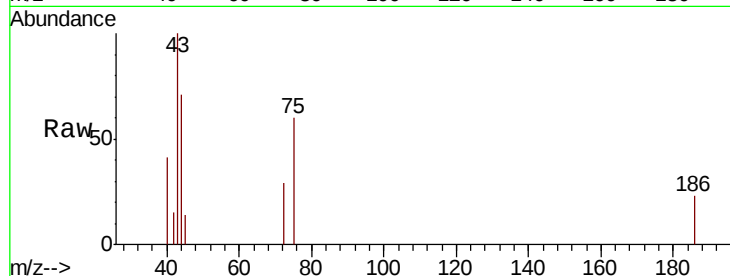




#37
Ethyl Acetate
Concen: 0.39 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. -0.08 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

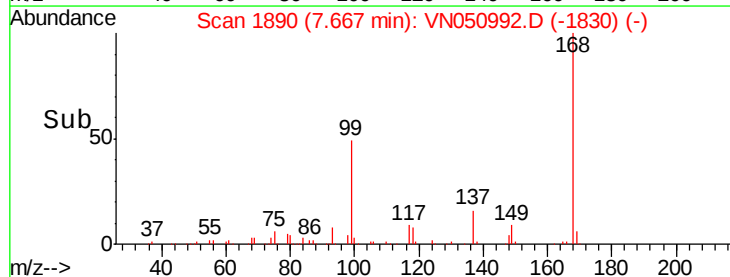
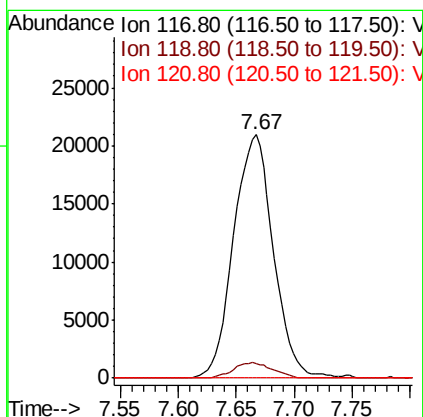
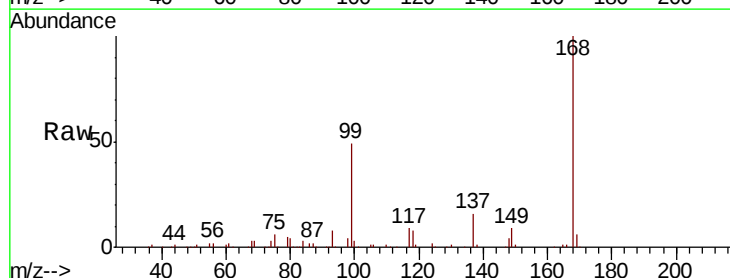
Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

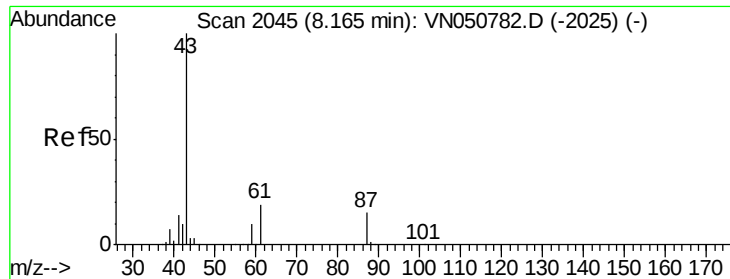
Tot Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 4.80 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Tgt Ion: 117 Resp: 49924
Ion Ratio Lower Upper
117 100
119 6.0 76.3 114.5#
121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 9.40 ug/l

RT: 8.25 min Scan# 2072

Delta R.T. 0.09 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

OK-02-080718

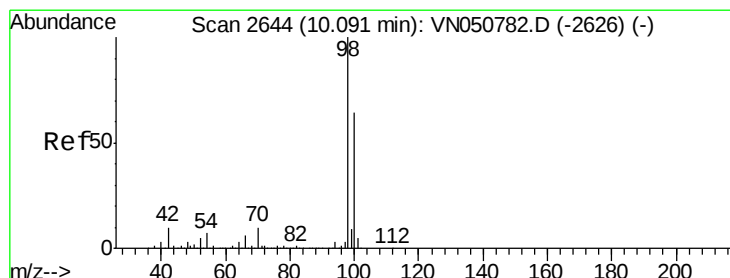
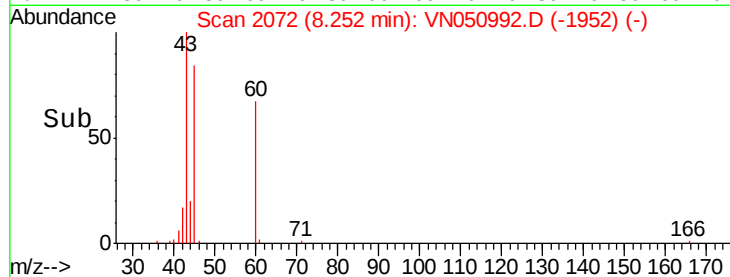
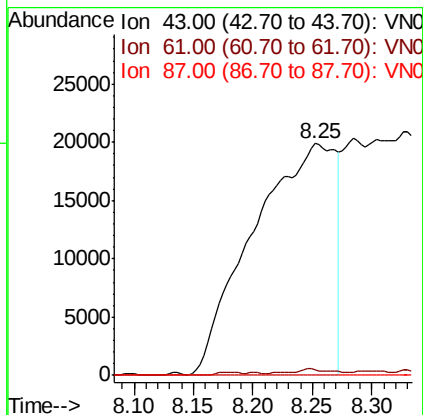
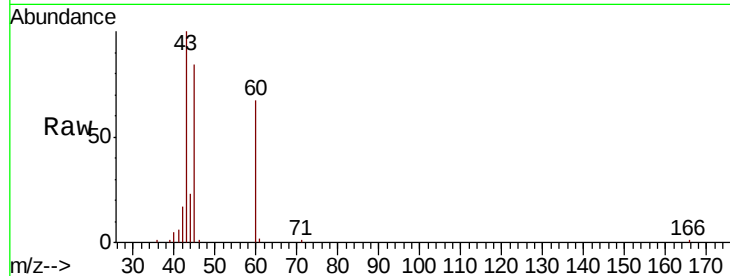
Tot Ion: 43 Resp: 95519

Ion Ratio Lower Upper

43 100

61 0.3 17.5 26.3#

87 0.0 11.3 16.9#



#50

Toluene-d8

Concen: 45.24 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050992.D

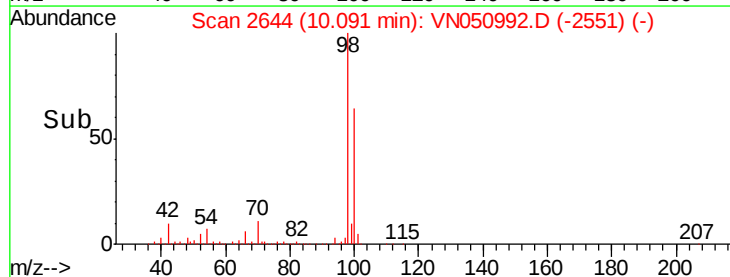
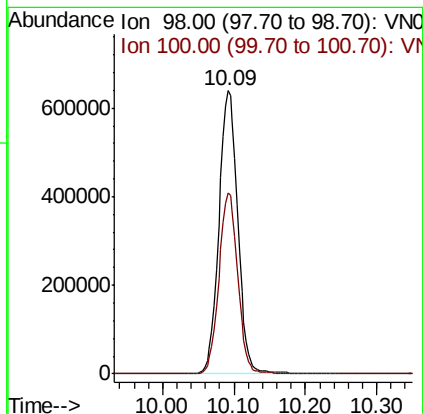
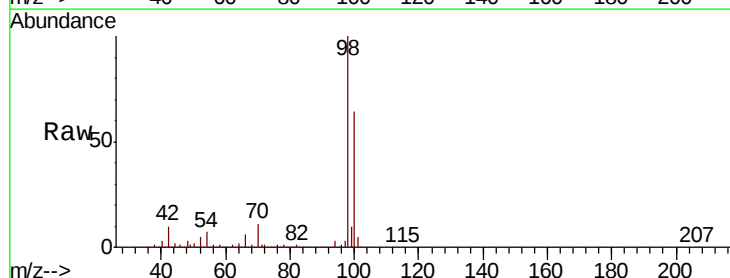
Acq: 31 Aug 2018 16:53

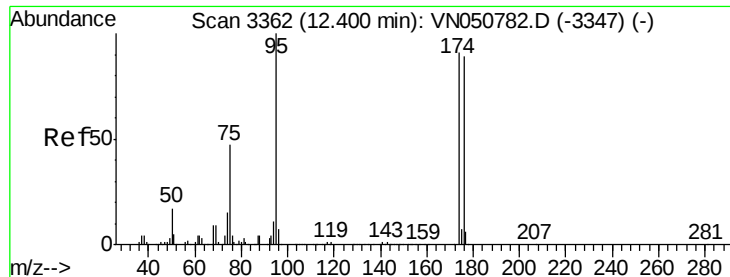
Tgt Ion: 98 Resp: 1172806

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 36.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

OK-02-080718

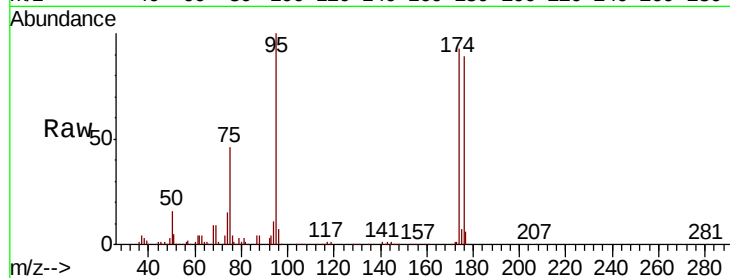
Tot Ion: 95 Resp: 315001

Ion Ratio Lower Upper

95 100

174 92.4 0.0 183.0

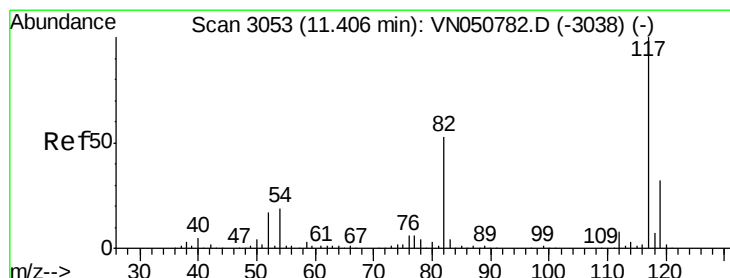
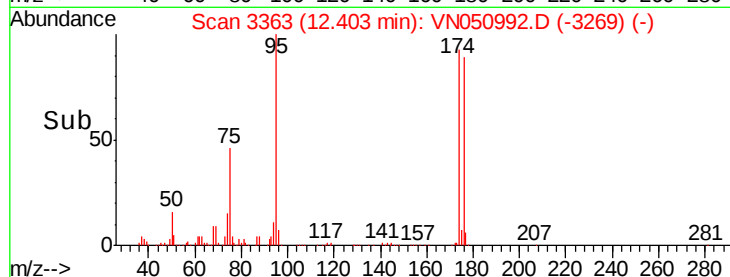
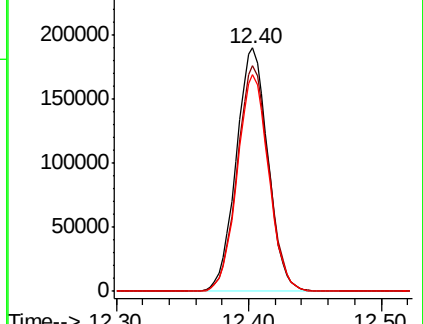
176 88.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

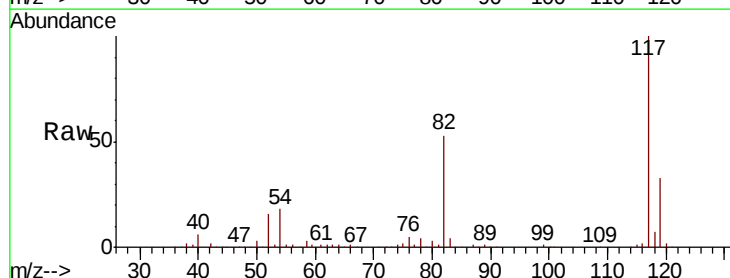
Tgt Ion: 117 Resp: 702952

Ion Ratio Lower Upper

117 100

82 53.2 42.6 64.0

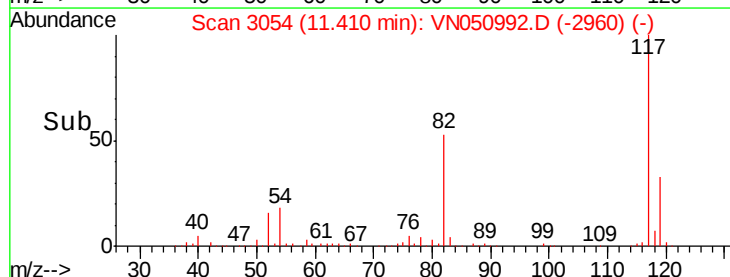
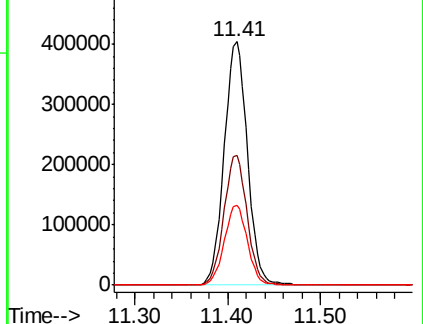
119 32.9 25.8 38.6

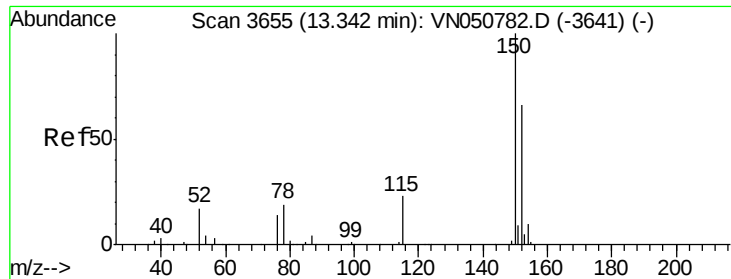


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

OK-02-080718

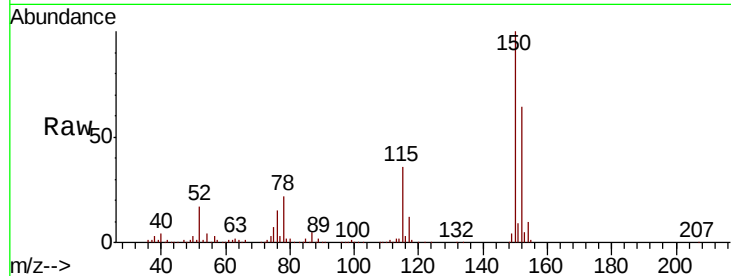
Tot Ion:152 Resp: 278043

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

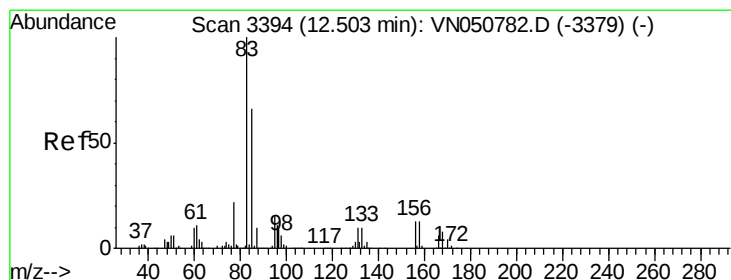
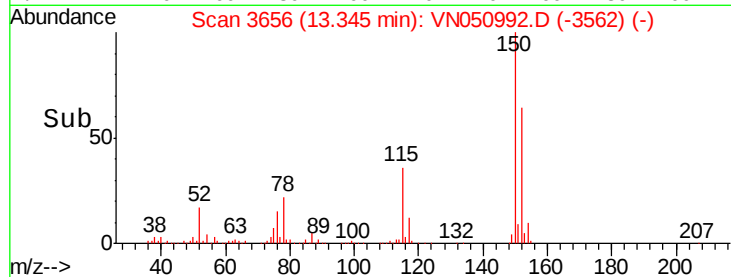
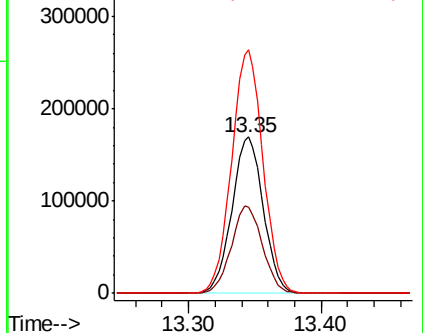
150 155.6 0.0 351.4



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: 12.41 min Scan# 3365

Delta R.T. -0.09 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

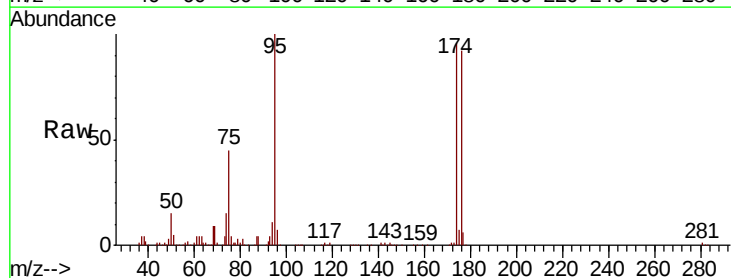
Tgt Ion: 83 Resp: 206

Ion Ratio Lower Upper

83 100

131 179.6 5.3 15.9#

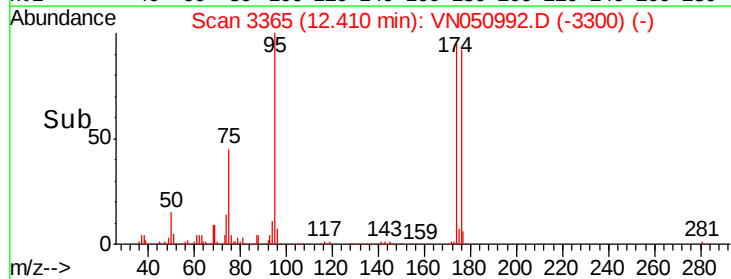
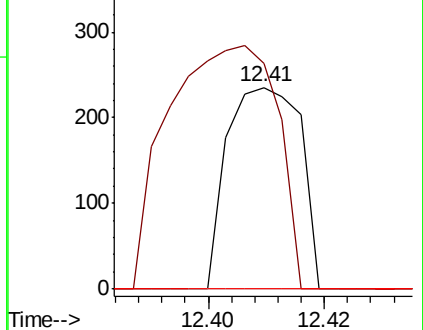
85 0.0 31.9 95.7#

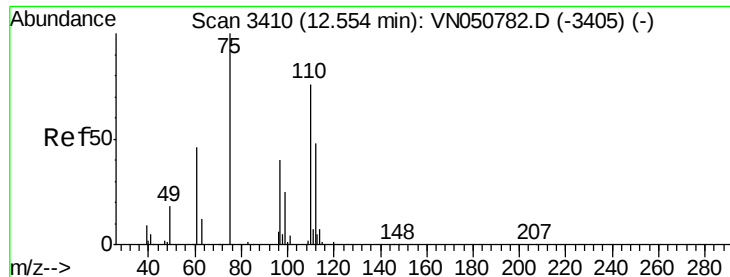


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 30.35 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

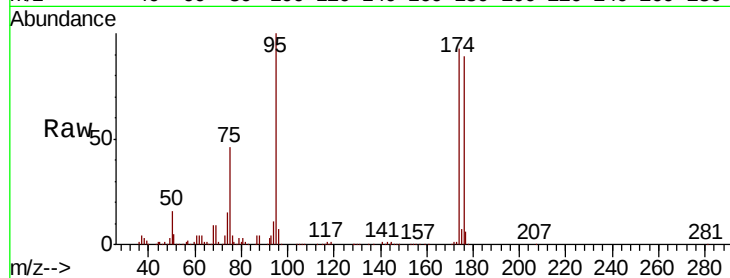
OK-02-080718

Tot Ion: 75 Resp: 147824

Ion Ratio Lower Upper

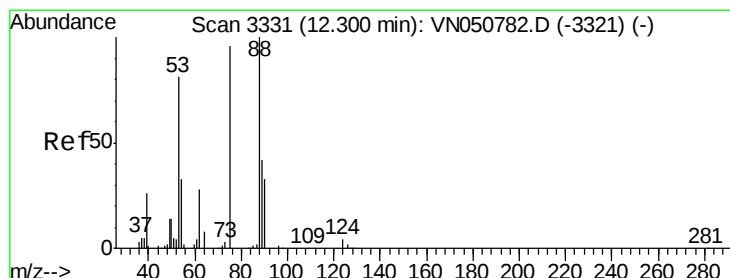
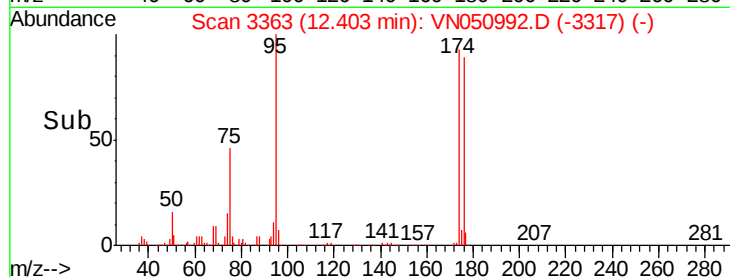
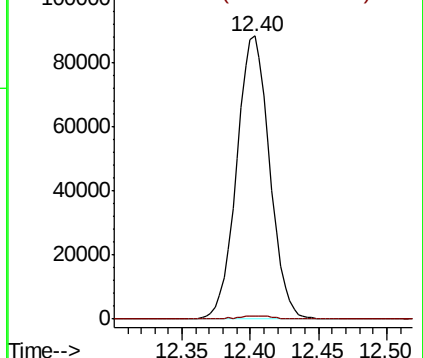
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 102.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

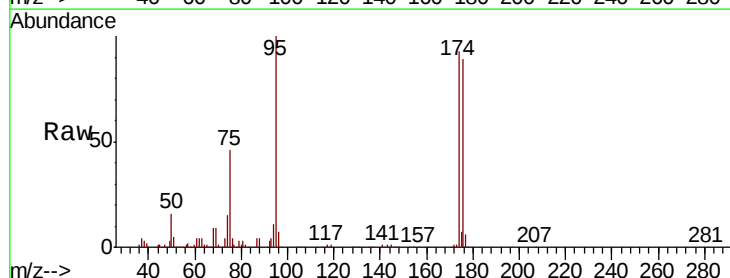
Tgt Ion: 75 Resp: 147824

Ion Ratio Lower Upper

75 100

53 0.3 68.9 103.3#

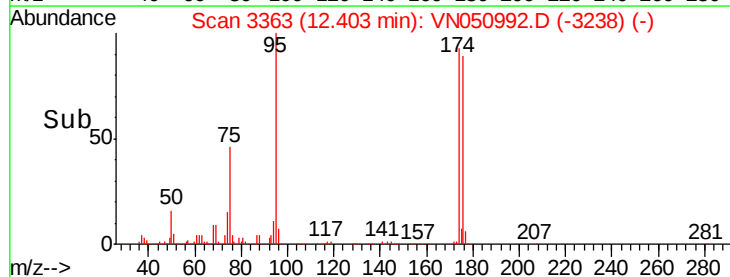
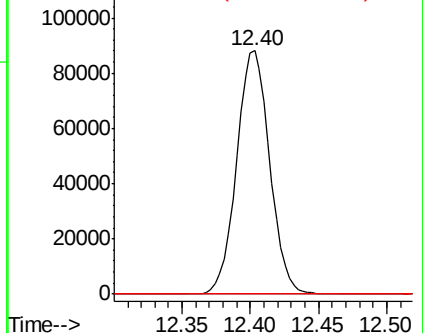
89 0.0 36.1 54.1#

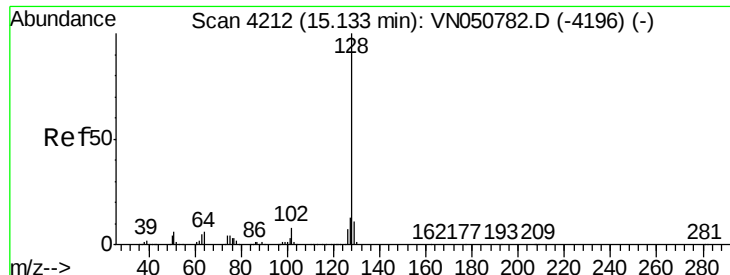


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95
Naphthalene
Concen: 6.25 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.5	15.7
129	9.7	8.7	13.1

