

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050266.D
 Acq On : 2 Aug 2018 16:09
 Operator : MD\SY
 Sample : PB111674ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111674ZHE#04

Quant Time: Aug 03 01:14:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	641947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1082307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	921270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350905	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	472649	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
35) Dibromofluoromethane	7.60	113	411172	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
50) Toluene-d8	10.09	98	1464794	45.09	ug/l	0.00
Spiked Amount			Recovery	=	90.18%	
62) 4-Bromofluorobenzene	12.40	95	408609	38.20	ug/l	0.00
Spiked Amount			Recovery	=	76.40%	

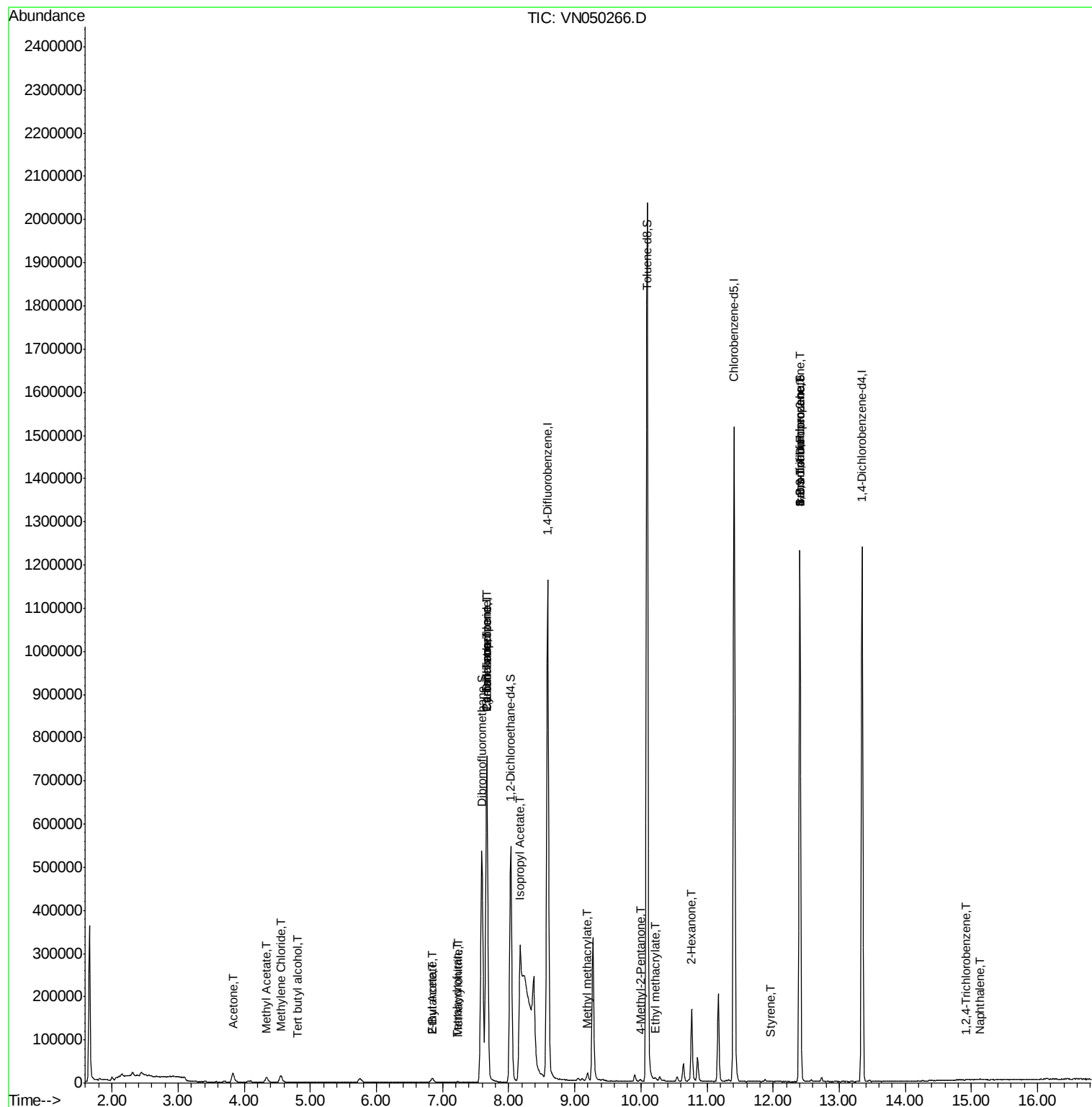
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	653	Below Cal	#	64
11) Tert butyl alcohol	4.81	59	359	0.54	ug/l #	72
16) Acetone	3.83	43	37772	13.80	ug/l	97
18) Methyl Acetate	4.34	43	21311	1.00	ug/l	100
20) Methylene Chloride	4.55	84	11864	0.25	ug/l #	91
25) 2-Butanone	6.85	43	6932	2.03	ug/l #	79
29) Tetrahydrofuran	7.21	42	532	0.24	ug/l #	50
31) Cyclohexane	7.67	56	11606	0.87	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46496	3.81	ug/l #	47
37) Ethyl Acetate	6.85	43	6932	0.82	ug/l #	73
38) Carbon Tetrachloride	7.67	117	58349	4.51	ug/l #	16
41) Methacrylonitrile	7.23	41	1198	3.00	ug/l #	26
43) Isopropyl Acetate	8.17	43	437372	26.77	ug/l #	88
48) Methyl methacrylate	9.18	41	10656	1.46	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	4183	0.50	ug/l #	83
56) Ethyl methacrylate	10.23	69	3509	2.32	ug/l #	73
59) 2-Hexanone	10.77	43	23122	8.86	ug/l #	58
70) Styrene	11.96	104	298	0.94	ug/l #	50
71) Bromoform	12.40	173	4161	0.64	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	58	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	202565	31.06	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	202565	98.52	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	65	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	29	3.09	ug/l #	13
95) Naphthalene	15.14	128	1750	4.51	ug/l #	71

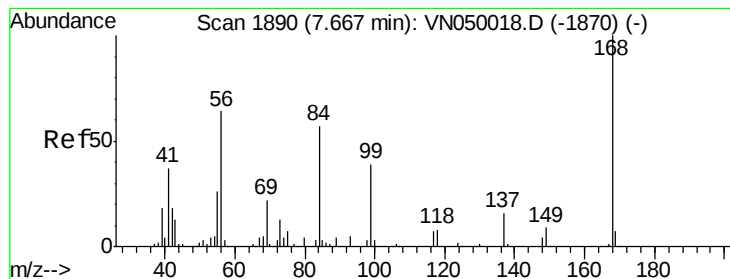
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA N/WATER
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ClientSampleId :
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Quant Time: Aug 03 01:14:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 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: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

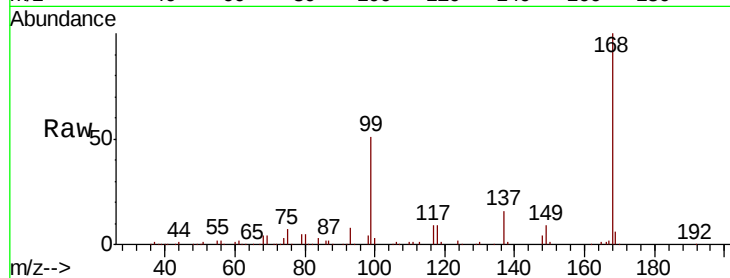
PB111674ZHE#04

Tot Ion:168 Resp: 641947

Ion Ratio Lower Upper

168 100

99 51.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

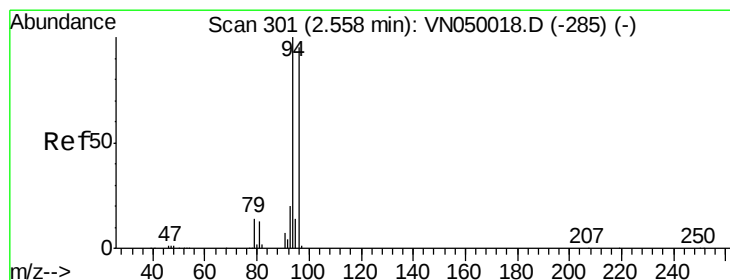
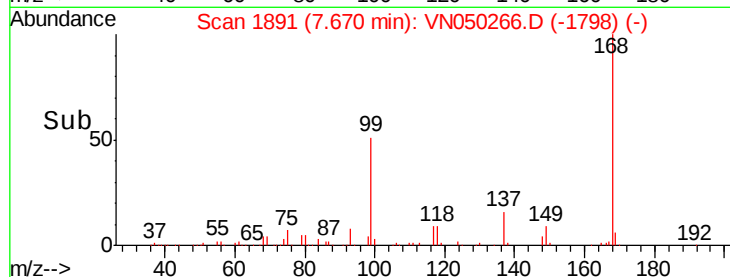
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050266.D

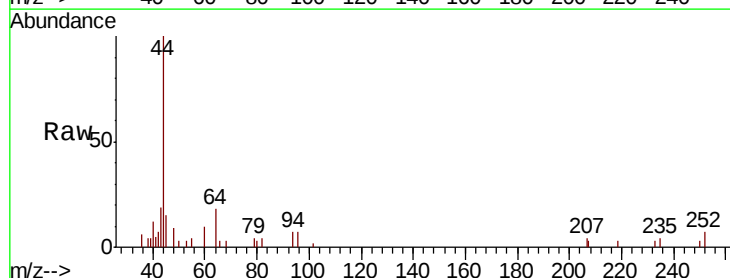
Acq: 2 Aug 2018 16:09

Tgt Ion: 94 Resp: 653

Ion Ratio Lower Upper

94 100

96 58.4 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN050018.D (-285) (-)

Ion 95.90 (95.60 to 96.60): VN050018.D (-285) (-)

2.56

500

400

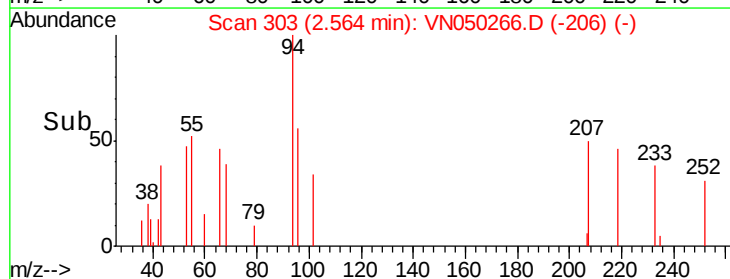
300

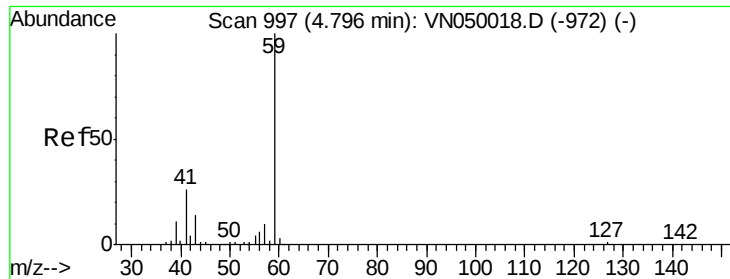
200

100

0

Time-->

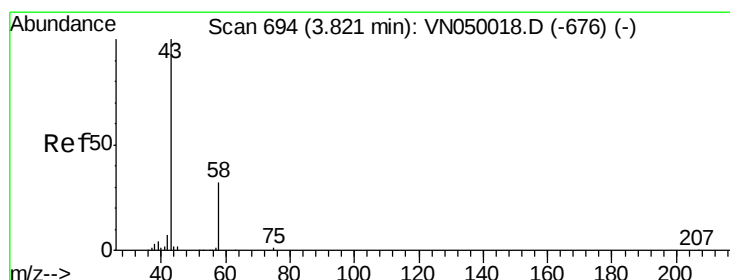
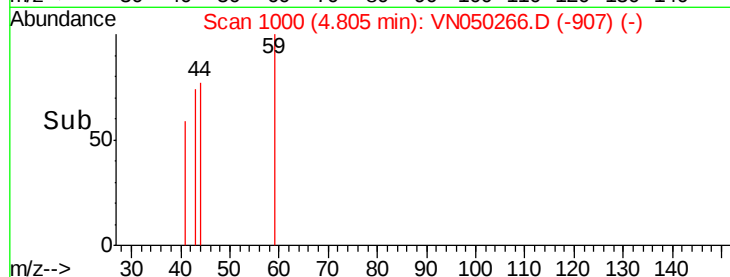
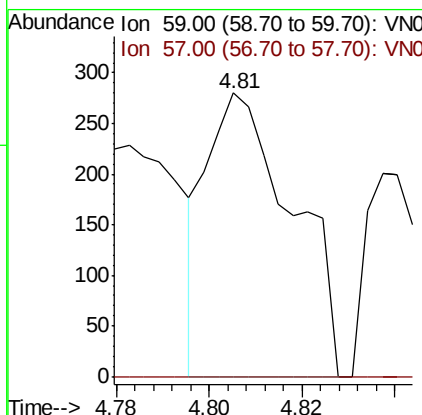
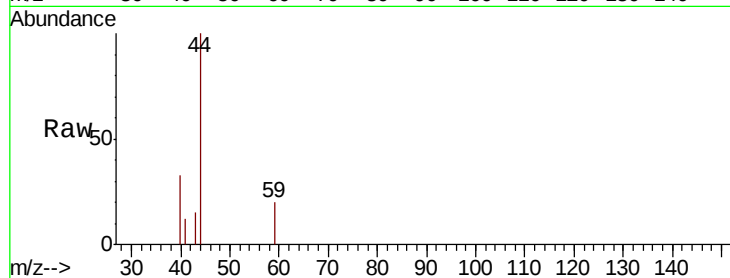




#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

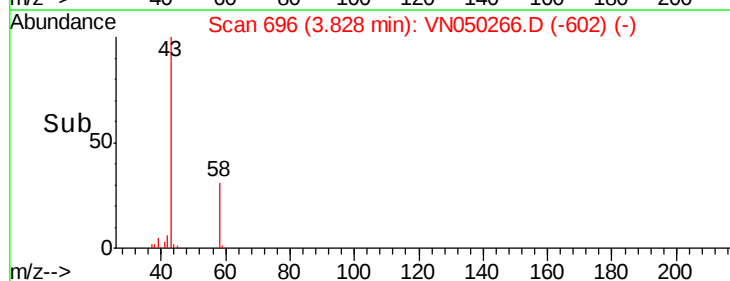
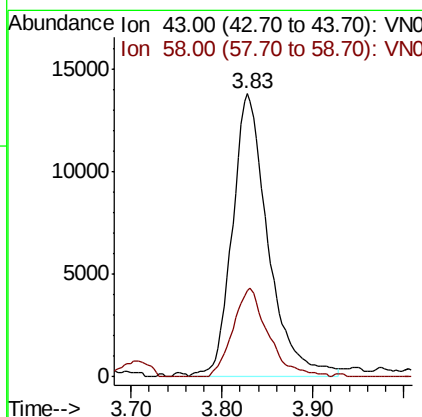
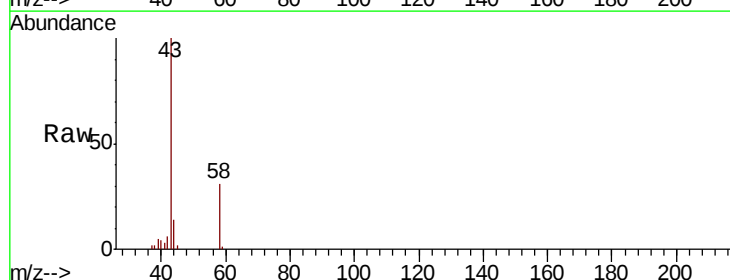
Instrument :
MSVOA_N
ClientSampleId :
PB111674ZHE#04

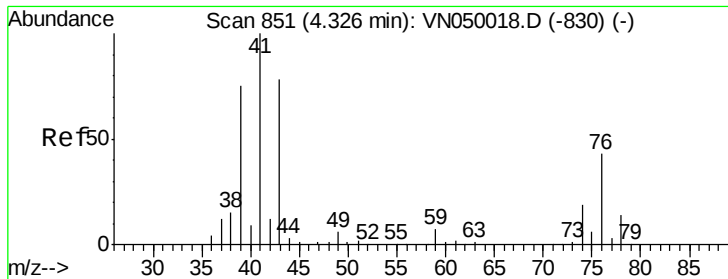
Tot Ion: 59 Resp: 359
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 13.80 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Tgt Ion: 43 Resp: 37772
Ion Ratio Lower Upper
43 100
58 30.5 25.8 38.8

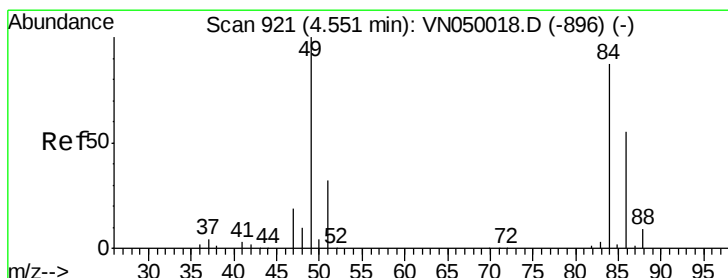
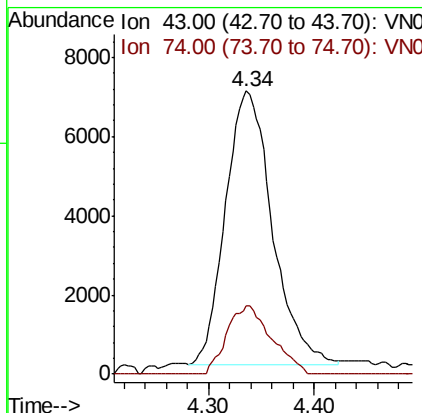
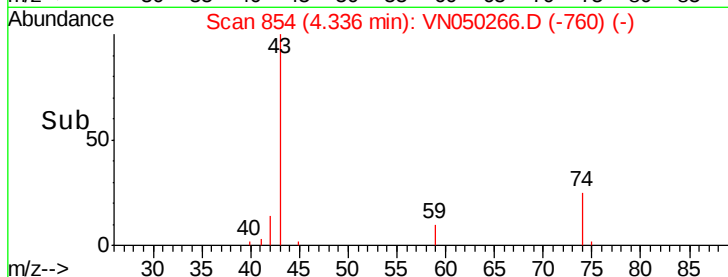
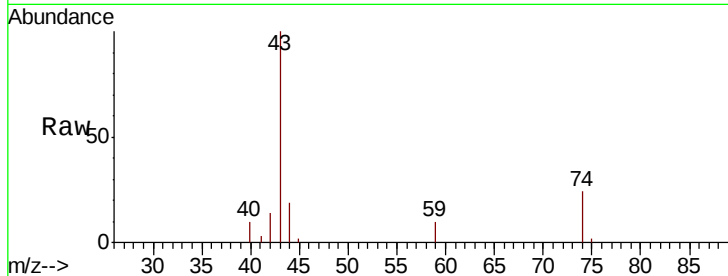




#18
Methvl Acetate
Concen: 1.00 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

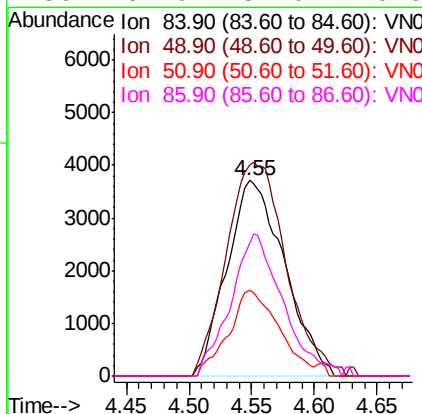
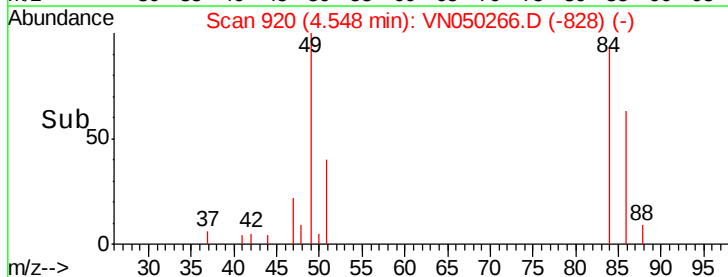
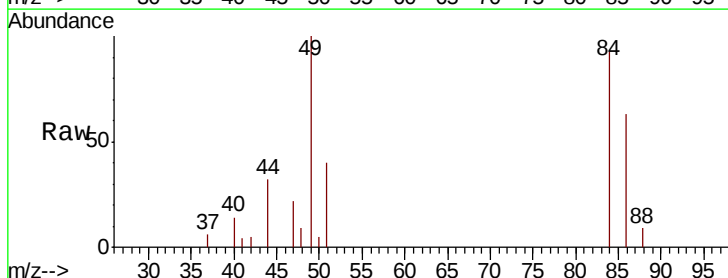
Instrument :
MSVOA_N
ClientSampleId :
PB111674ZHE#04

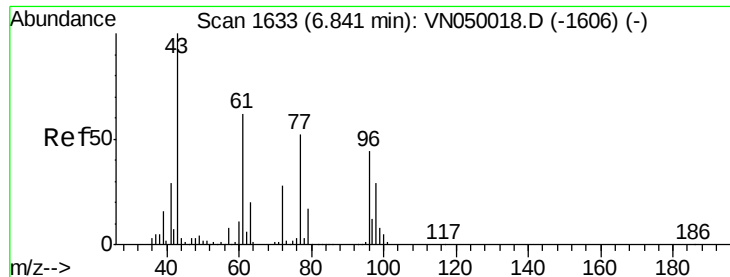
Tot Ion: 43 Resp: 21311
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Tgt Ion: 84 Resp: 11864
Ion Ratio Lower Upper
84 100
49 107.9 94.8 142.2
51 43.6 28.3 42.5#
86 67.9 51.0 76.6

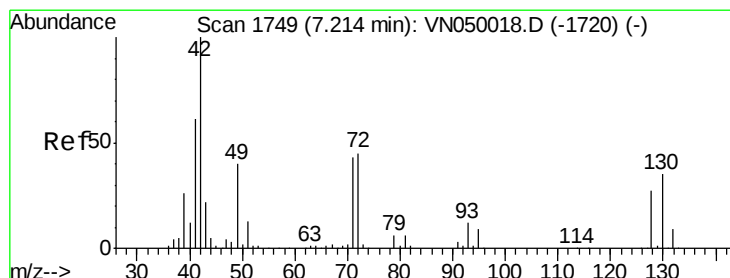
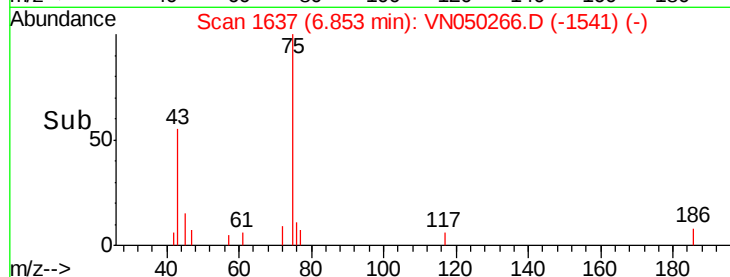
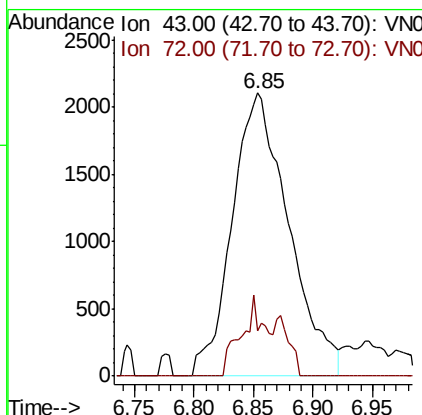
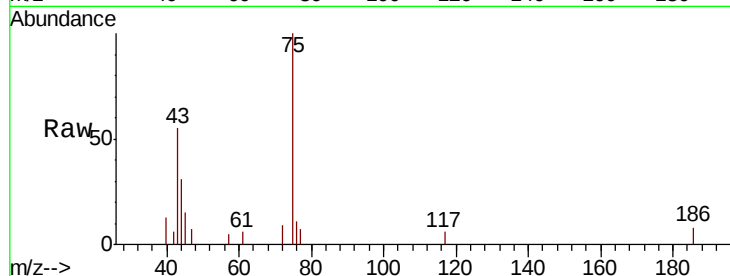




#25
2-Butanone
Concen: 2.03 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

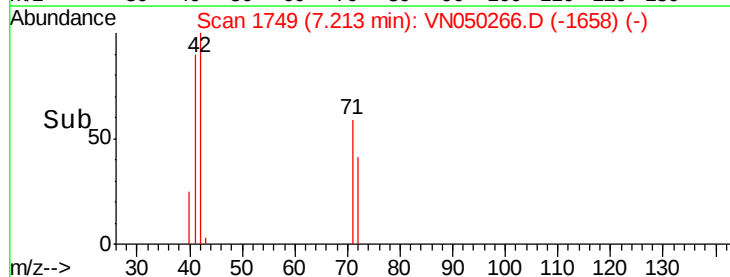
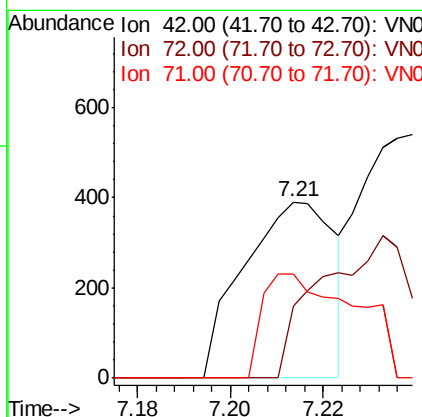
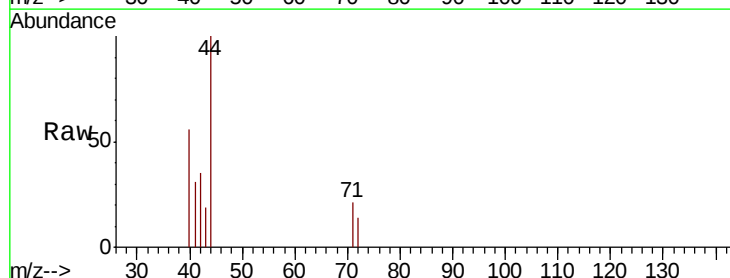
Instrument :
MSVOA_N
ClientSampleId :
PB111674ZHE#04

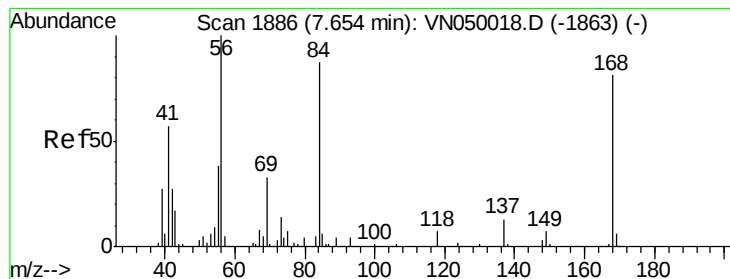
Tot Ion: 43 Resp: 6932
Ion Ratio Lower Upper
43 100
72 16.1 21.5 32.3#



#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Tgt Ion: 42 Resp: 532
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 60.9 33.7 50.5#





#31

Cyclohexane

Concen: 0.87 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#04

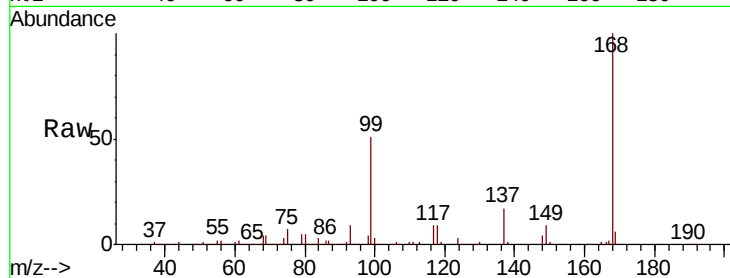
Tot Ion: 56 Resp: 11606

Ion Ratio Lower Upper

56 100

69 186.3 26.2 39.4#

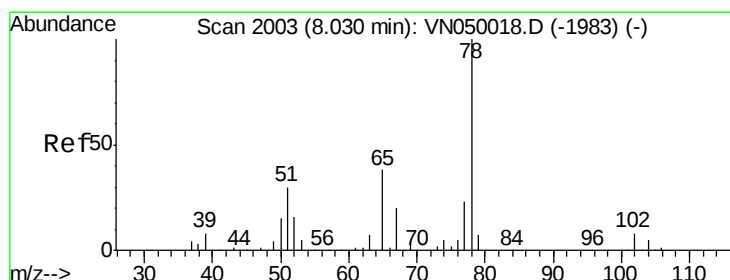
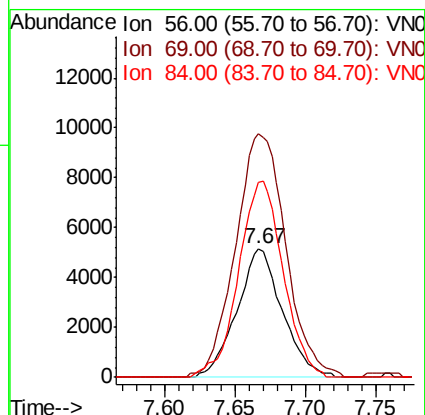
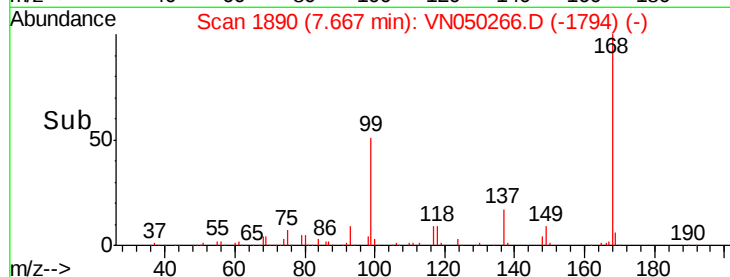
84 151.4 67.4 101.0#



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: 52.77 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050266.D

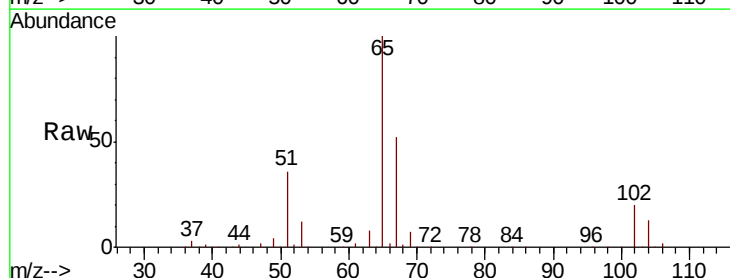
Acq: 2 Aug 2018 16:09

Tgt Ion: 65 Resp: 472649

Ion Ratio Lower Upper

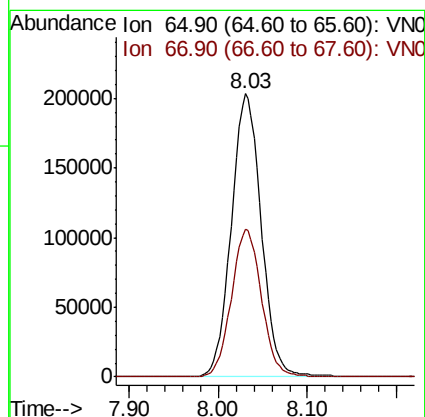
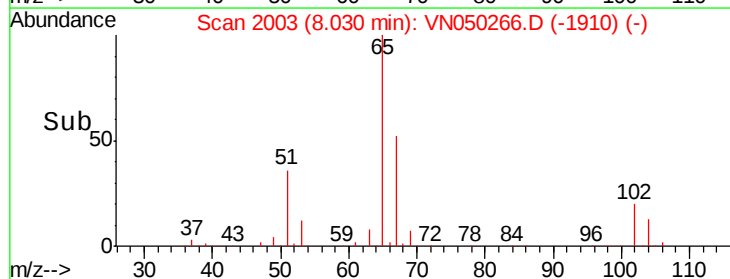
65 100

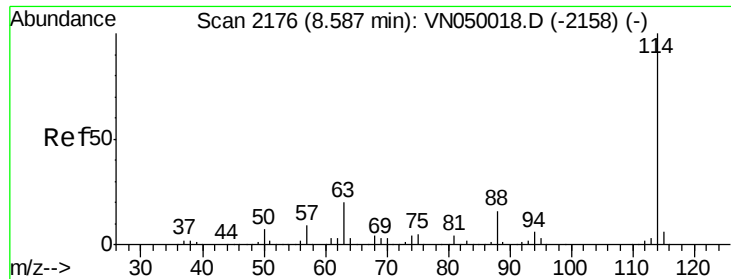
67 52.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

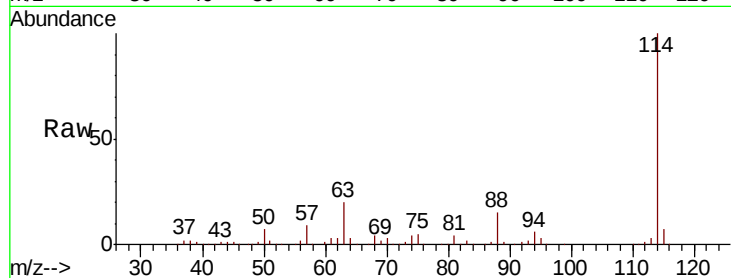




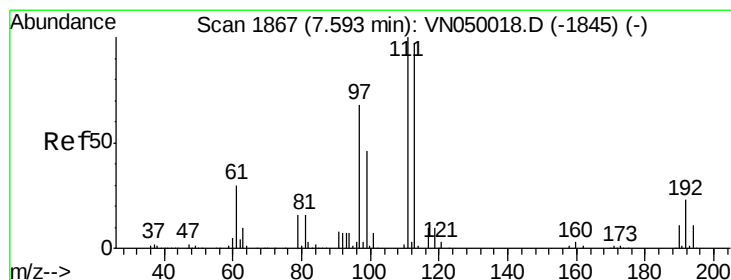
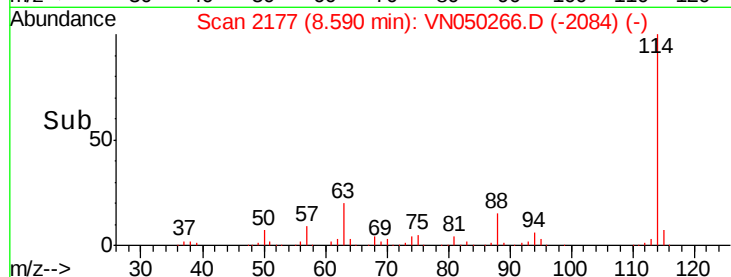
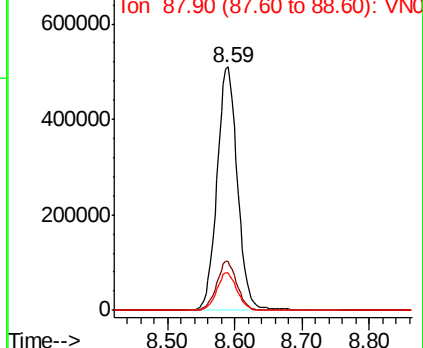
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Instrument :
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PB111674ZHE#04

Tot Ion:114 Resp: 1082307
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.4 0.0 31.2

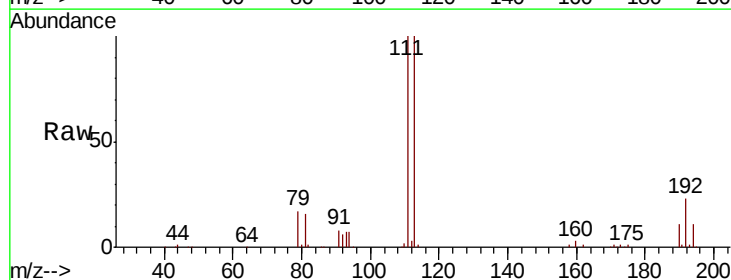


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

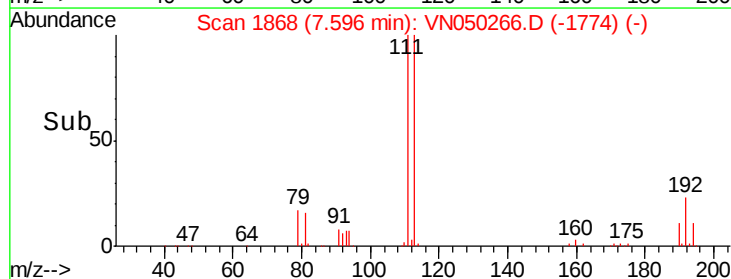
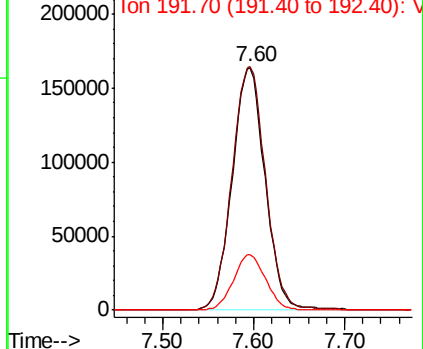


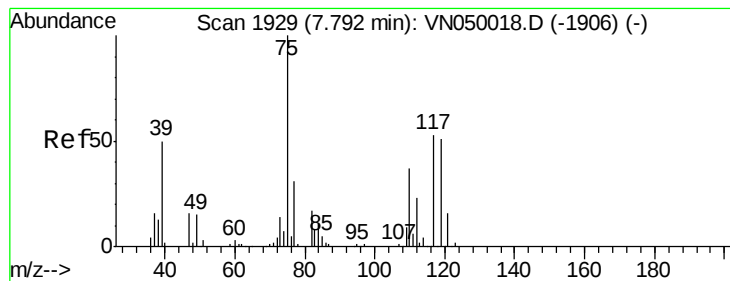
#35
Dibromofluoromethane
Concen: 46.53 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Tgt Ion:113 Resp: 411172
Ion Ratio Lower Upper
113 100
111 102.8 80.7 121.1
192 22.4 17.8 26.6



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: 3.81 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#04

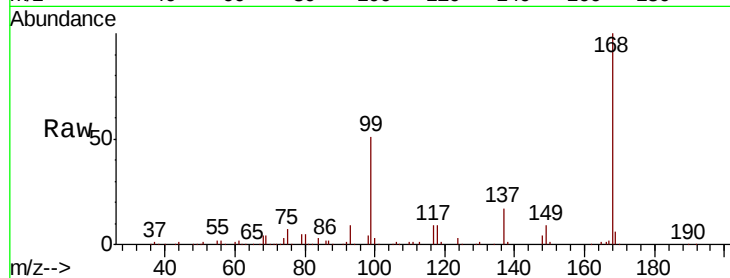
Tot Ion: 75 Resp: 46496

Ion Ratio Lower Upper

75 100

110 7.8 18.4 55.2#

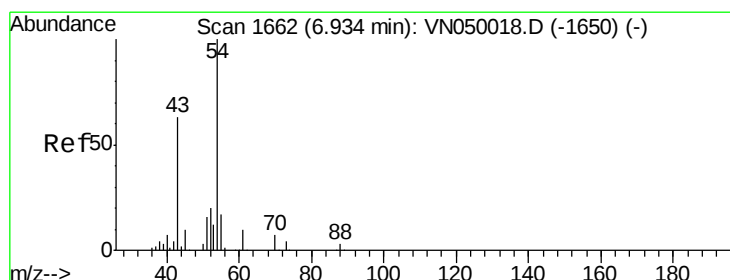
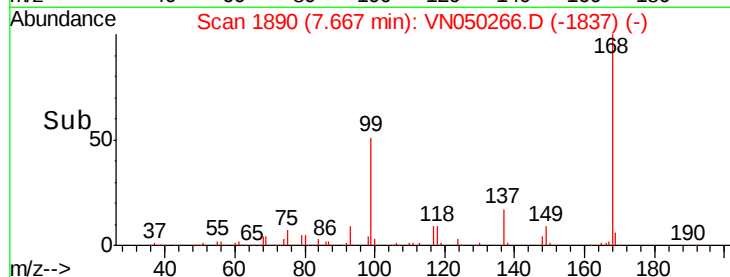
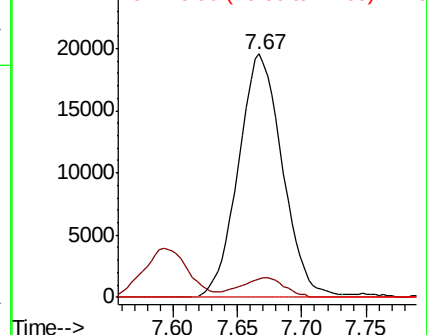
77 0.0 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.82 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. -0.08 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

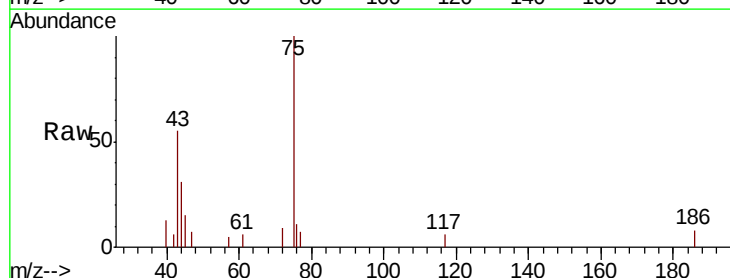
Tgt Ion: 43 Resp: 6932

Ion Ratio Lower Upper

43 100

61 4.2 11.8 17.8#

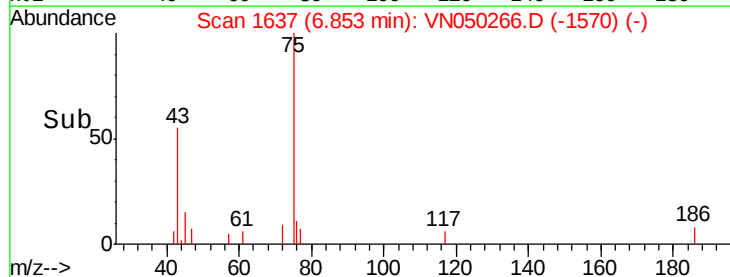
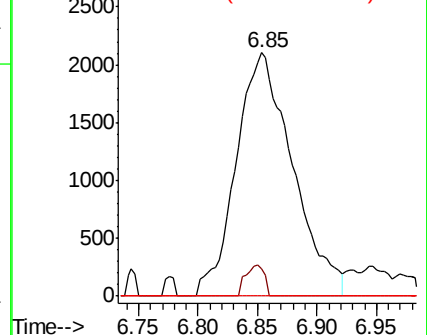
70 0.0 8.4 12.6#

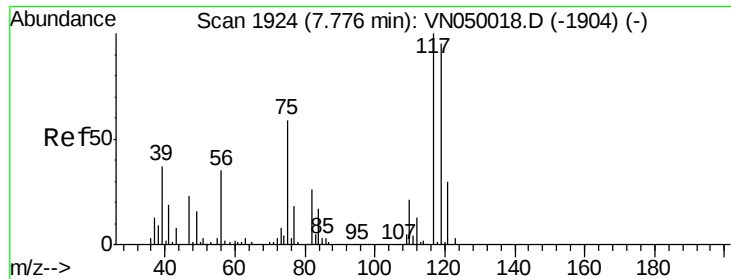


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 4.51 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#04

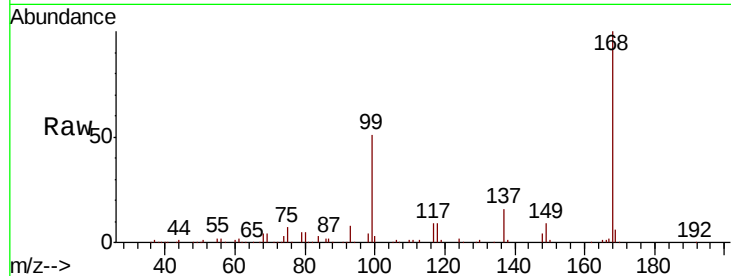
Tot Ion:117 Resp: 58349

Ion Ratio Lower Upper

117 100

119 5.9 77.4 116.0#

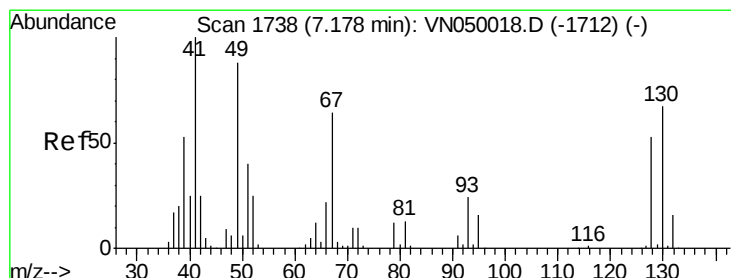
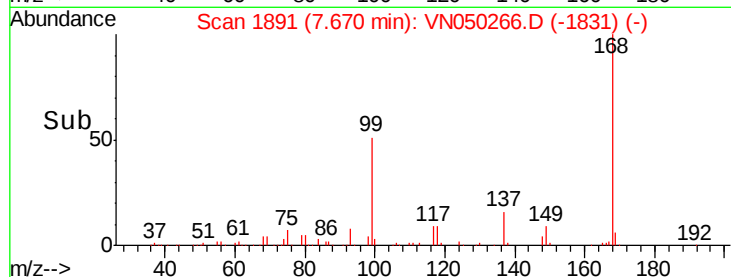
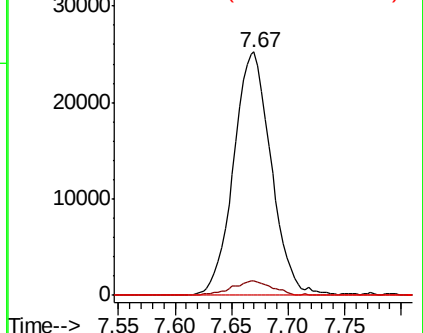
121 0.0 23.9 35.9#



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



#41

Methacrylonitrile

Concen: 3.00 ug/l

RT: 7.23 min Scan# 1755

Delta R.T. 0.06 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Tgt Ion: 41 Resp: 1198

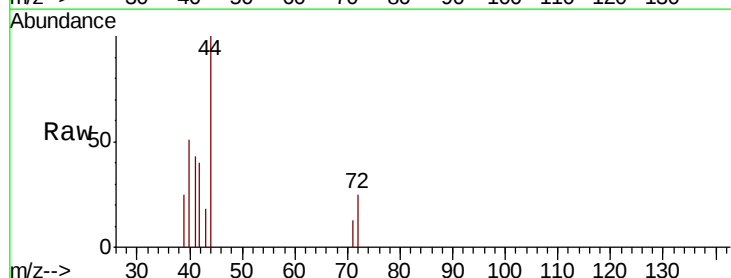
Ion Ratio Lower Upper

41 100

39 39.8 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

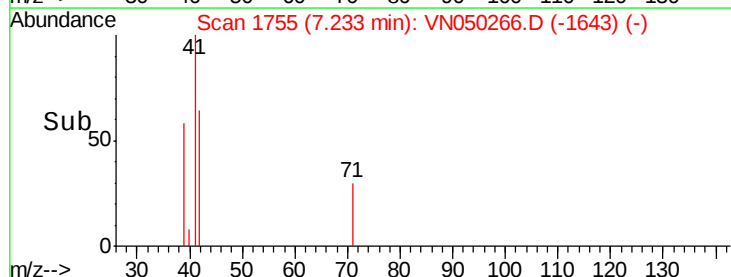
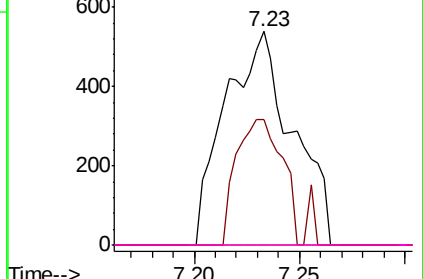


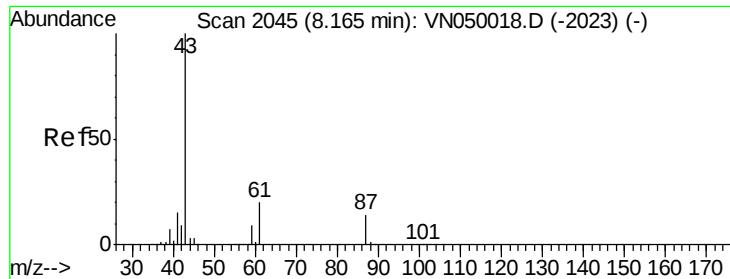
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 26.77 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#04

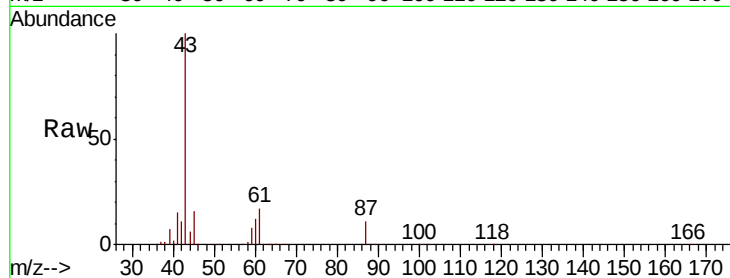
Tot Ion: 43 Resp: 437372

Ion Ratio Lower Upper

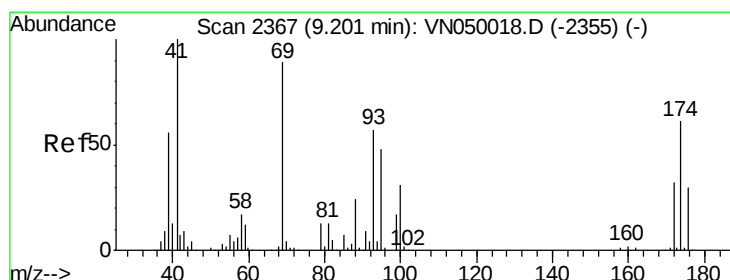
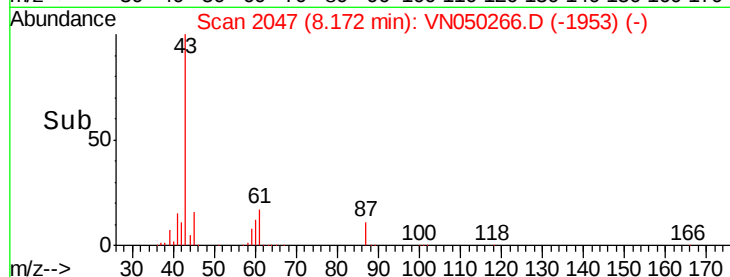
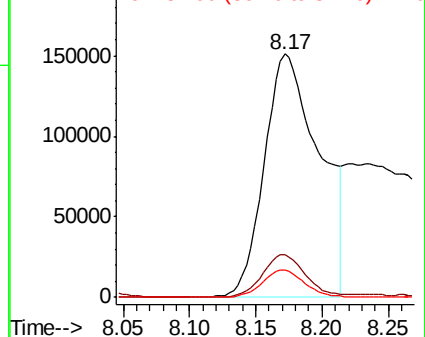
43 100

61 13.9 15.8 23.6#

87 8.5 10.3 15.5#



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



#48

Methyl methacrylate

Concen: 1.46 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

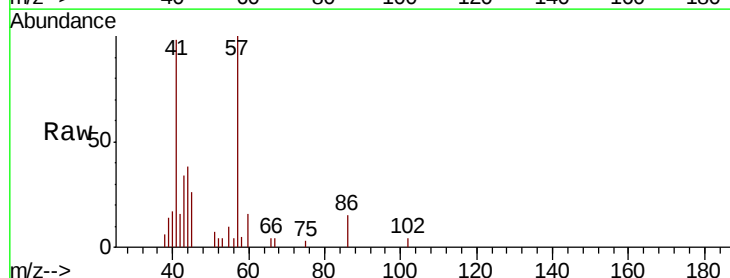
Tgt Ion: 41 Resp: 10656

Ion Ratio Lower Upper

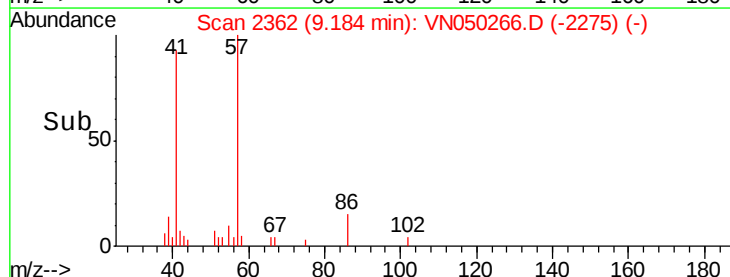
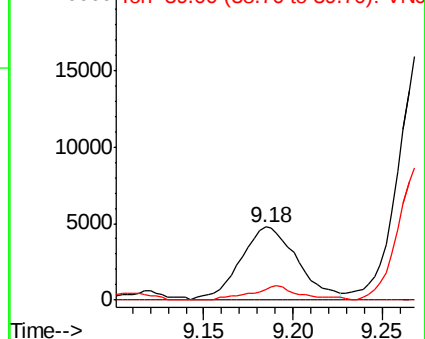
41 100

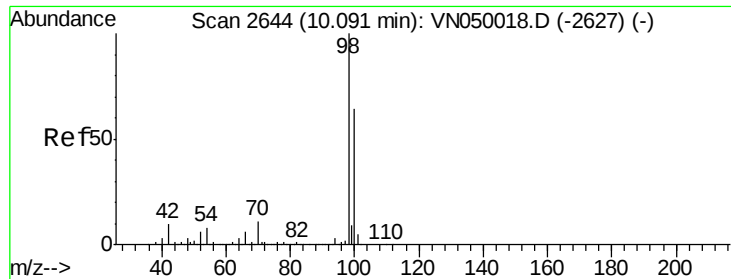
69 0.0 70.6 105.8#

39 15.7 43.9 65.9#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

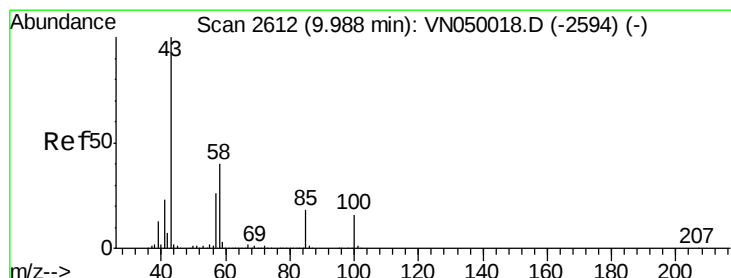
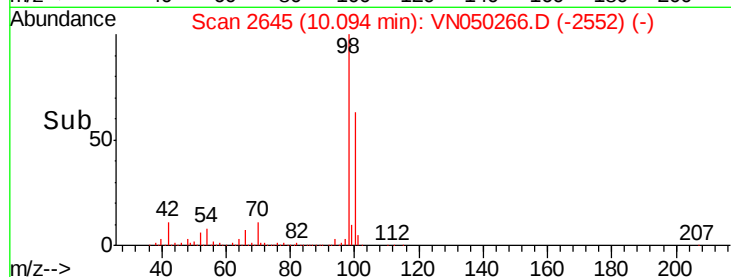
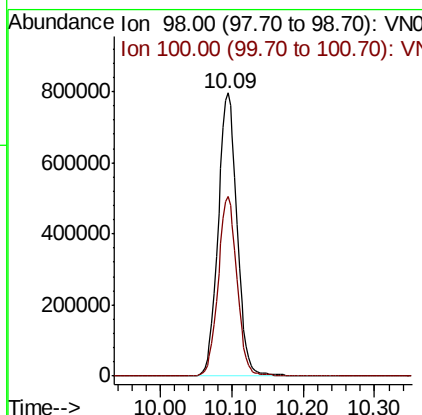
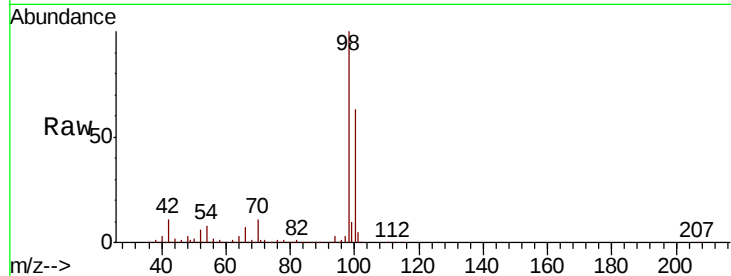




#50
Toluene-d8
Concen: 45.09 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

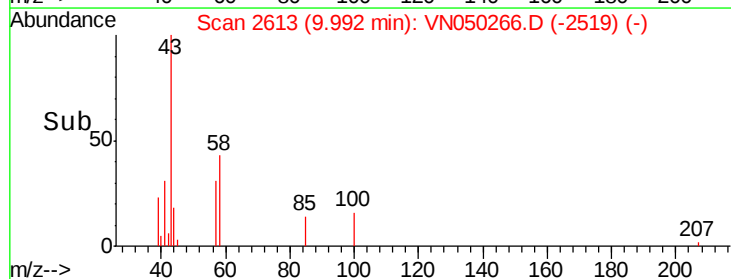
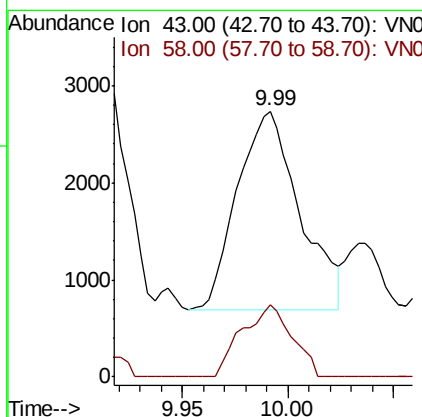
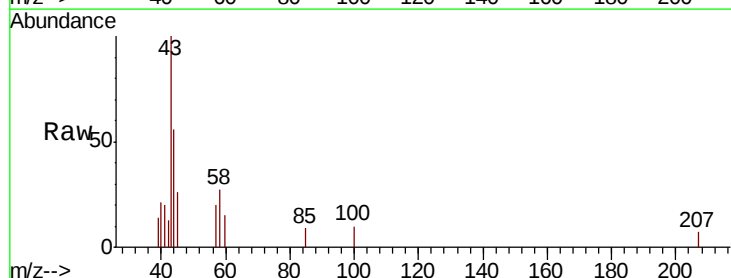
Instrument :
MSVOA_N
ClientSampleId :
PB111674ZHE#04

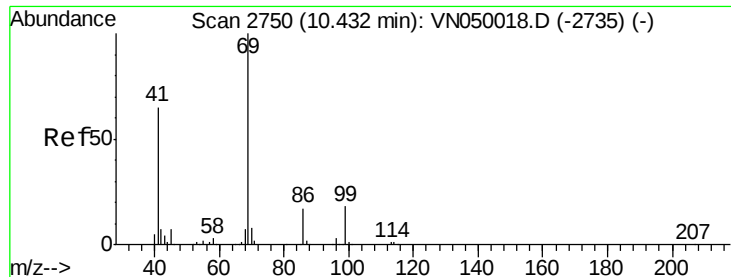
Tot Ion: 98 Resp: 1464794
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Tgt Ion: 43 Resp: 4183
Ion Ratio Lower Upper
43 100
58 29.2 31.9 47.9#





#56

Ethyl methacrylate

Concen: 2.32 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#04

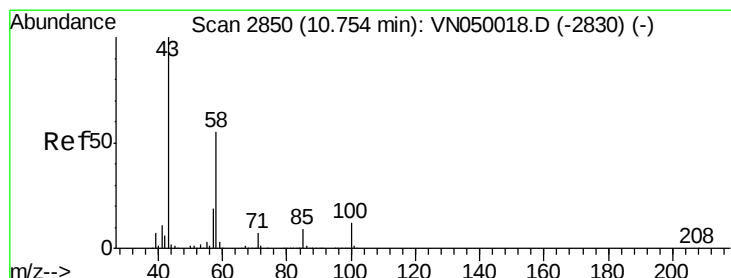
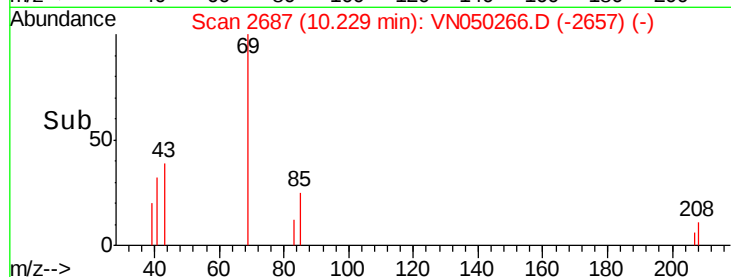
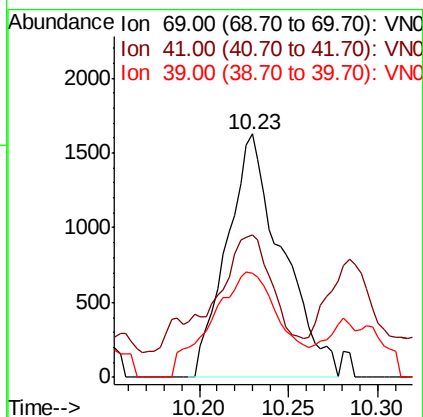
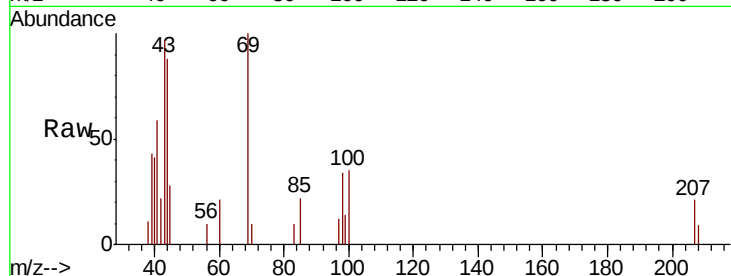
Tot Ion: 69 Resp: 3509

Ion Ratio Lower Upper

69 100

41 46.3 51.0 76.4#

39 53.9 26.6 40.0#



#59

2-Hexanone

Concen: 8.86 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN050266.D

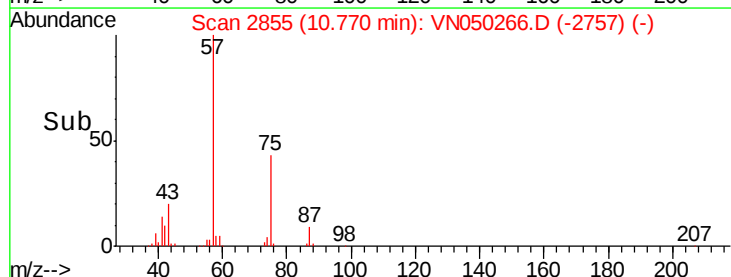
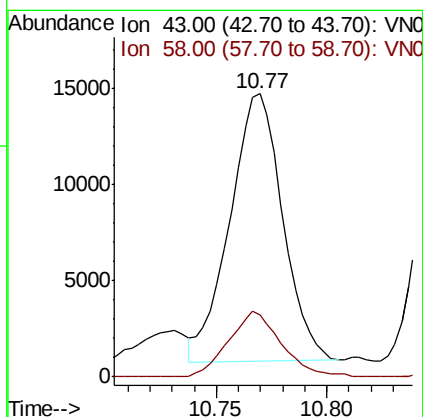
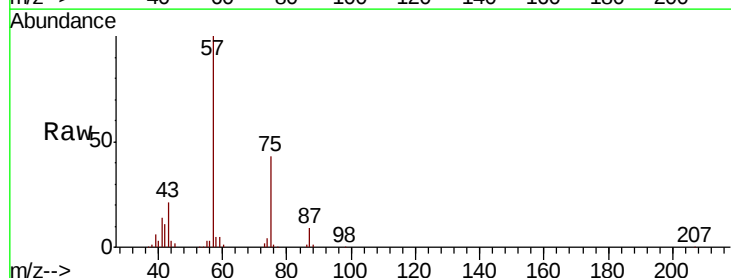
Acq: 2 Aug 2018 16:09

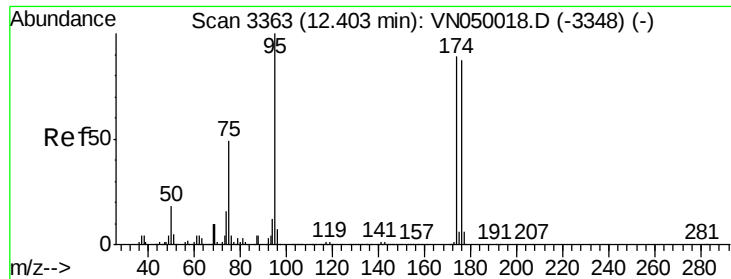
Tgt Ion: 43 Resp: 23122

Ion Ratio Lower Upper

43 100

58 24.5 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 38.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#04

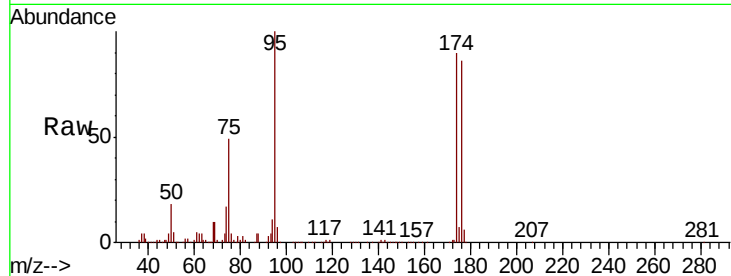
Tot Ion: 95 Resp: 408609

Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.2

176 86.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)

12.40

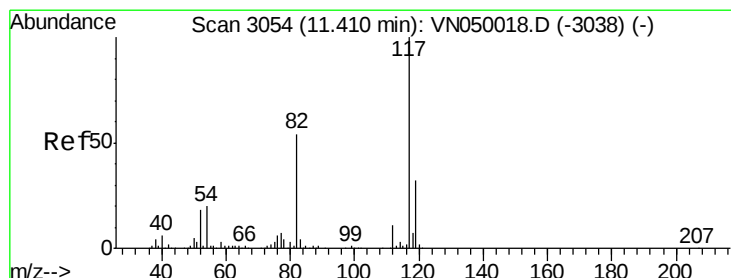
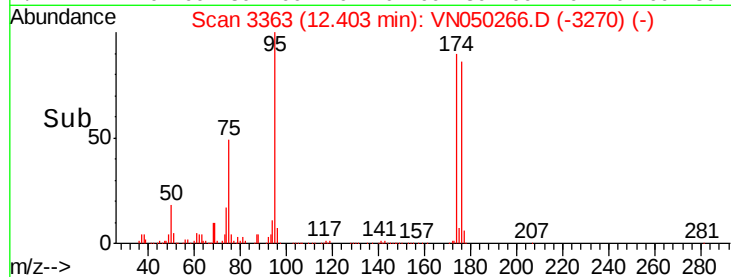
300000

200000

100000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

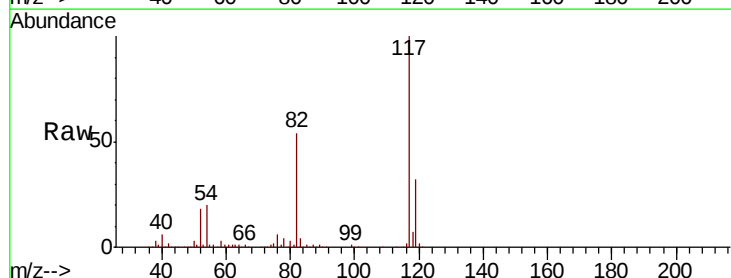
Tgt Ion: 117 Resp: 921270

Ion Ratio Lower Upper

117 100

82 54.0 43.7 65.5

119 32.1 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

11.41

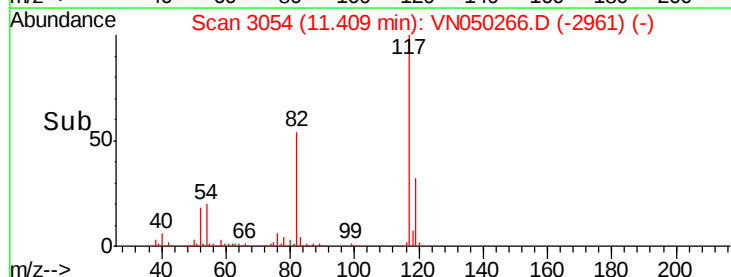
600000

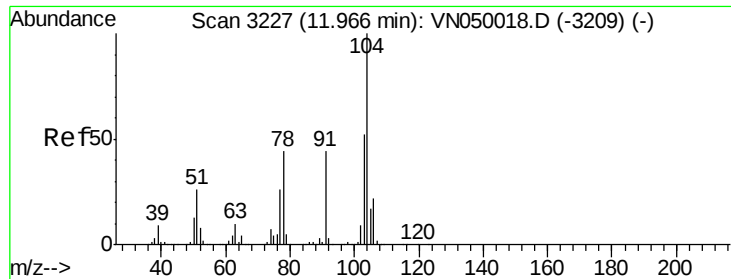
400000

200000

0

Time-->





#70

Stvrene

Concen: 0.94 ug/l

RT: 11.96 min Scan# 3225

Delta R.T. -0.01 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#04

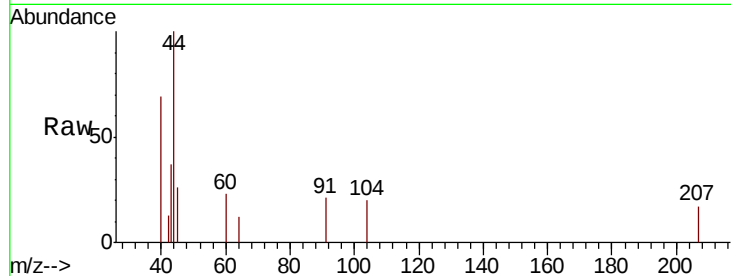
Tot Ion:104 Resp: 298

Ion Ratio Lower Upper

104 100

78 0.0 39.3 58.9#

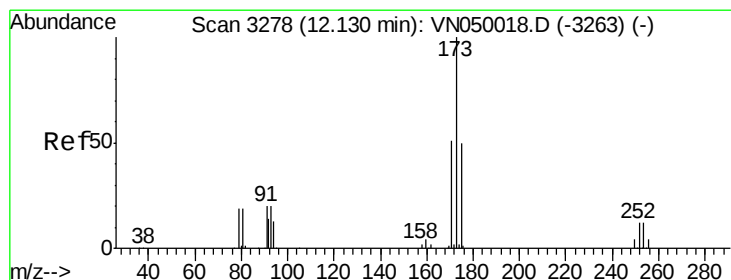
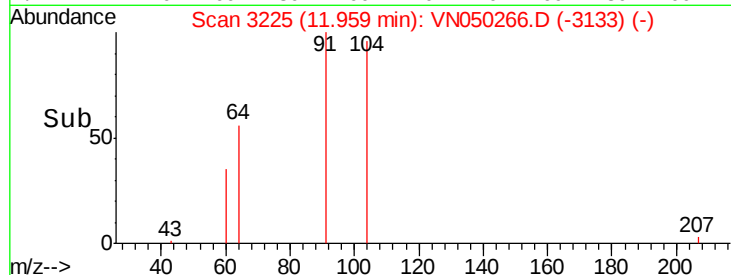
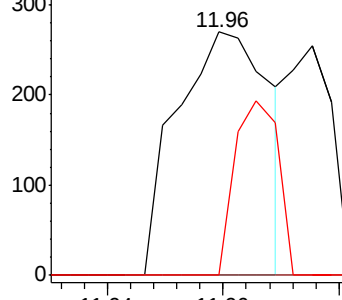
103 33.9 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.64 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

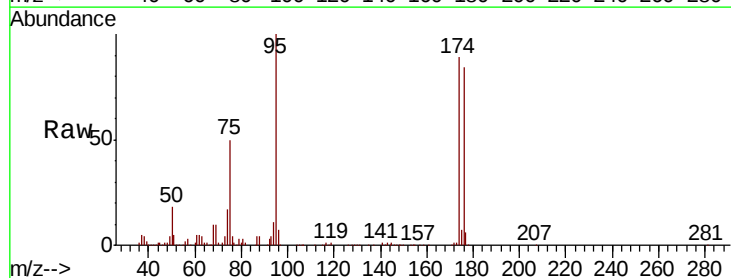
Tgt Ion:173 Resp: 4161

Ion Ratio Lower Upper

173 100

175 581.0 24.1 72.2#

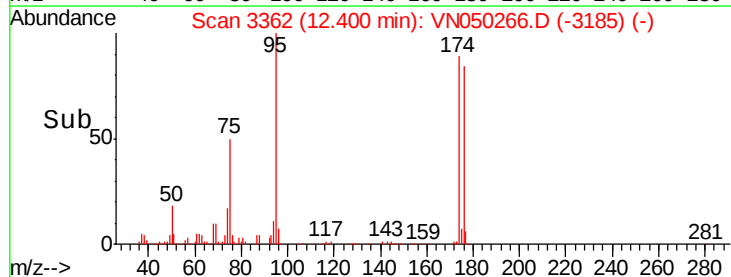
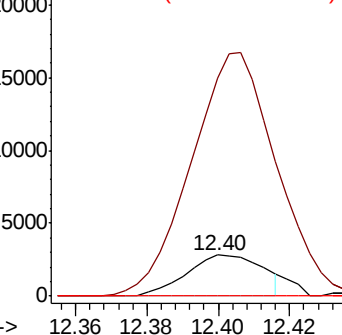
254 0.0 0.2 0.2#

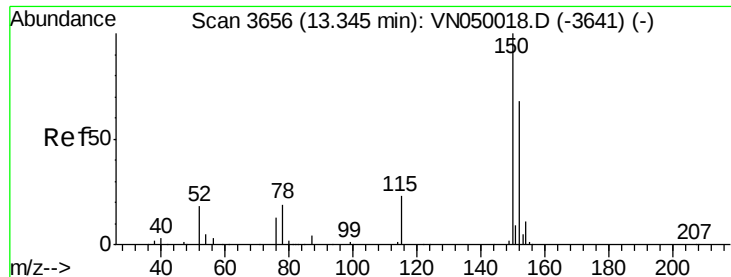


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#04

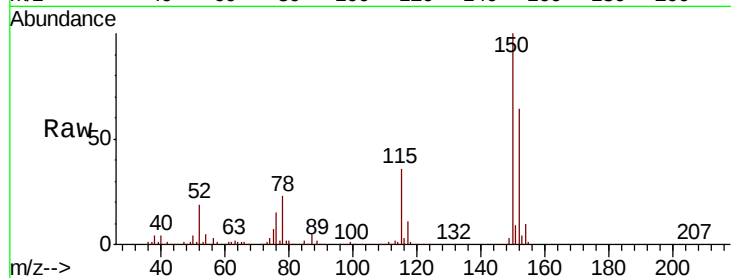
Tot Ion:152 Resp: 350905

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

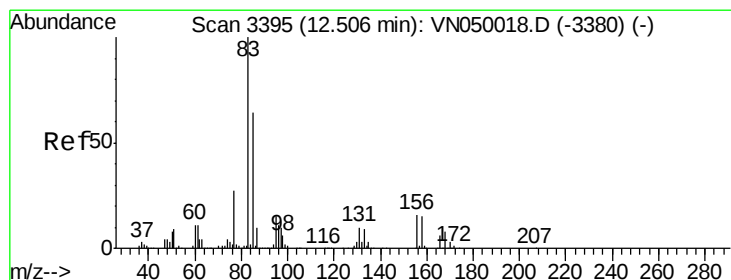
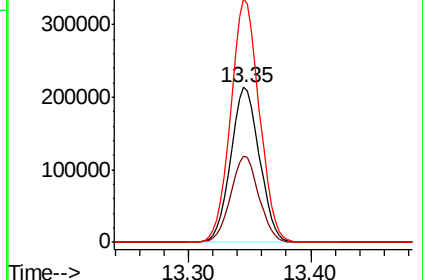
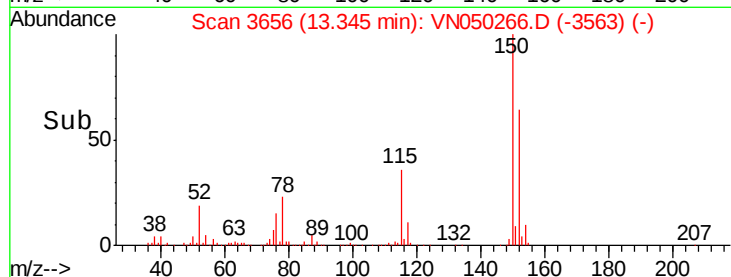
150 155.8 0.0 348.6



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3361

Delta R.T. -0.11 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

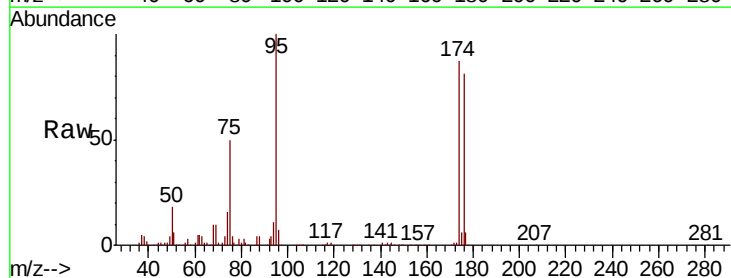
Tgt Ion: 83 Resp: 58

Ion Ratio Lower Upper

83 100

131 772.4 5.1 15.3#

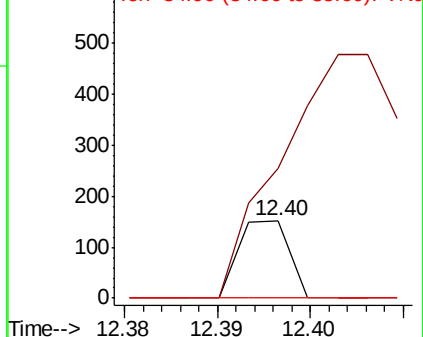
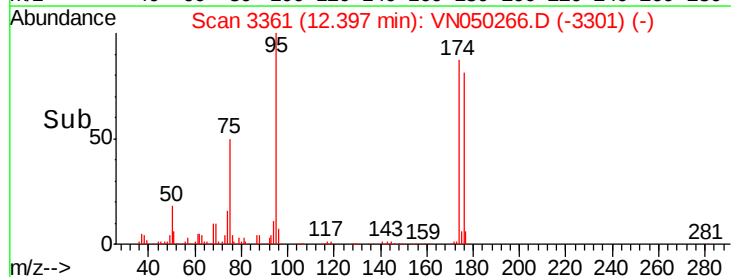
85 0.0 32.3 96.8#

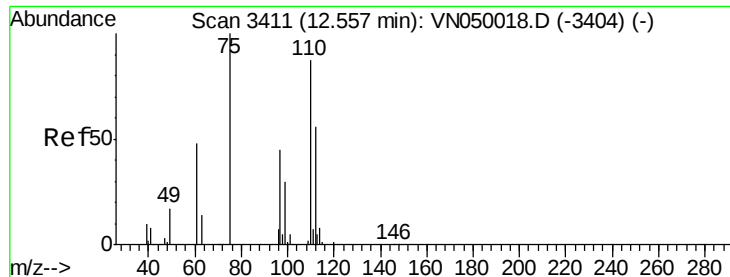


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 31.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

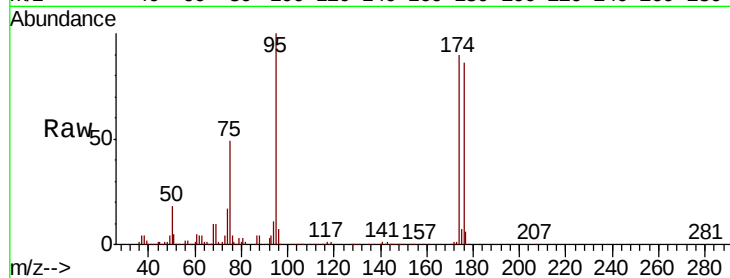
PB111674ZHE#04

Tot Ion: 75 Resp: 202565

Ion Ratio Lower Upper

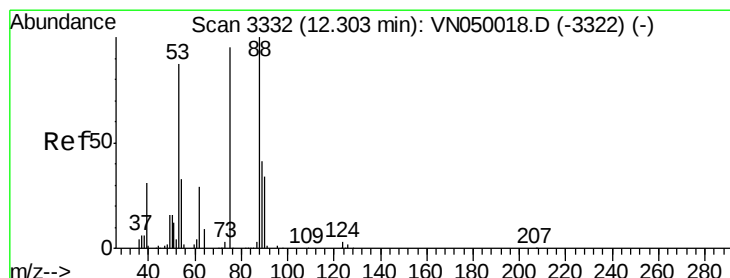
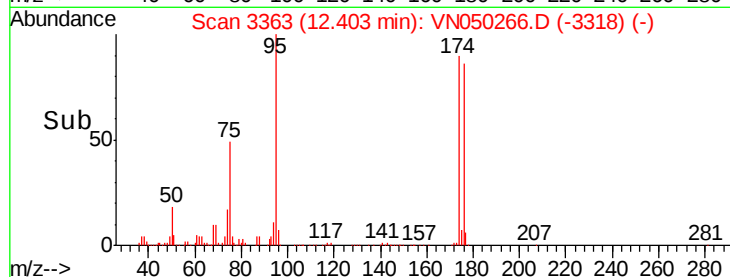
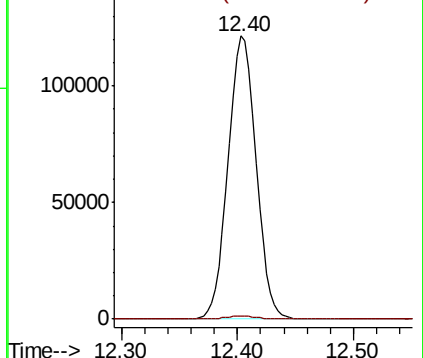
75 100

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: 98.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

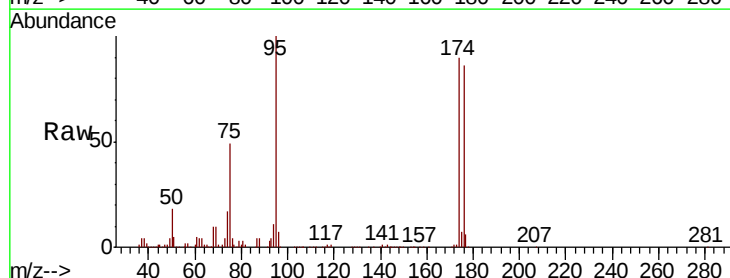
Tgt Ion: 75 Resp: 202565

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

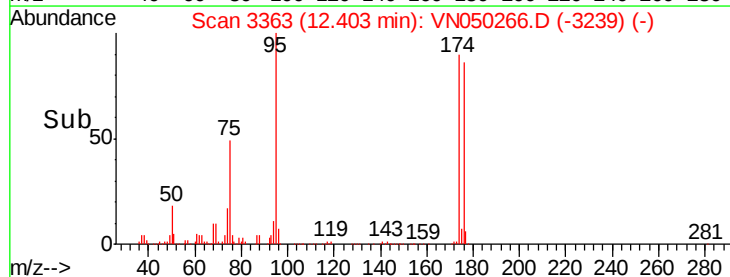
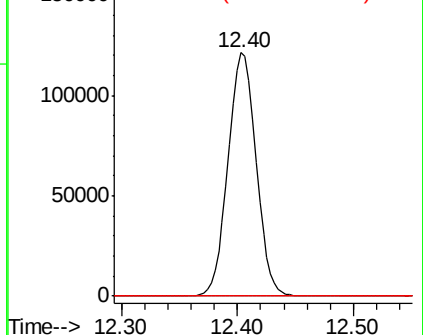
89 0.0 36.0 54.0#

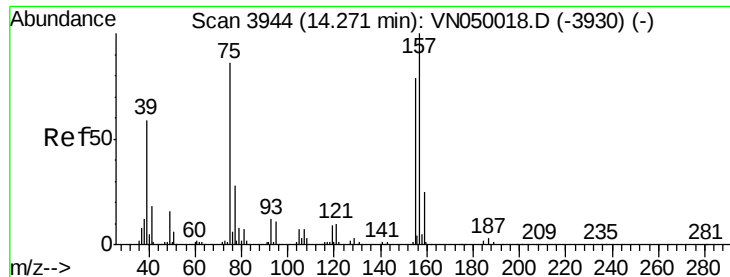


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#04

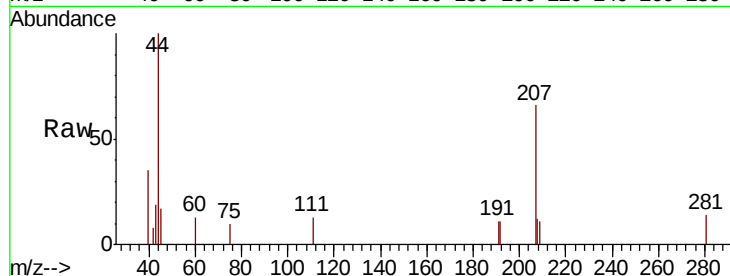
Tot Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

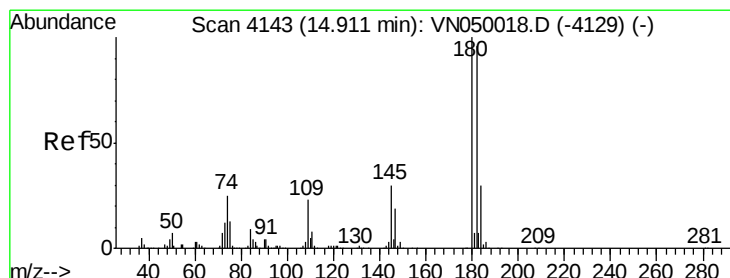
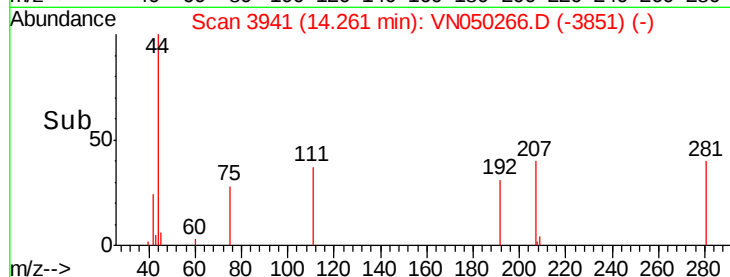
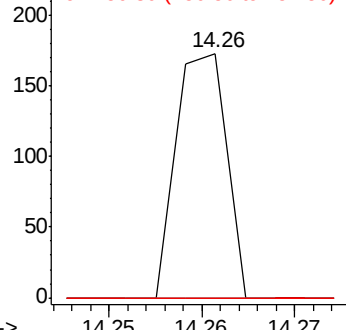
157 0.0 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.09 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

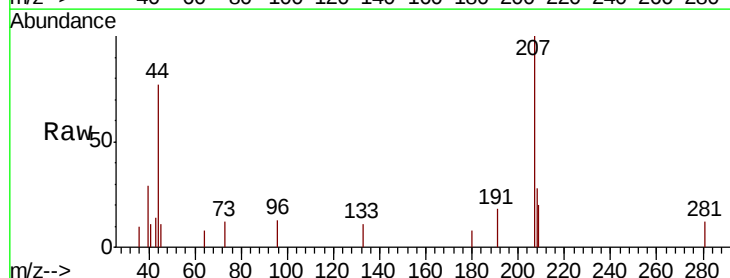
Tgt Ion: 180 Resp: 29

Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.1#

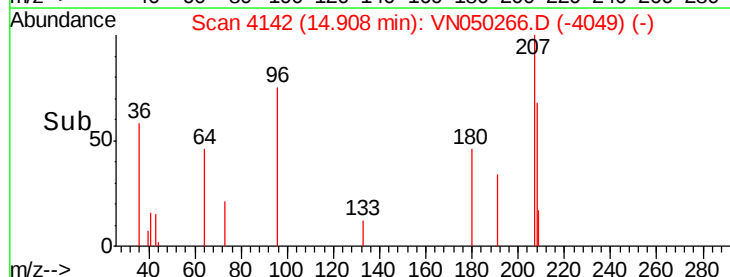
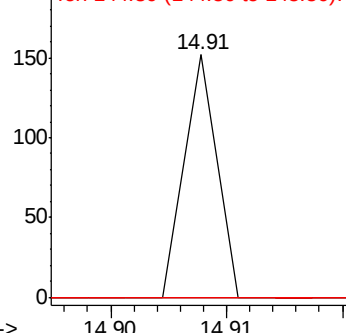
145 0.0 13.8 41.4#

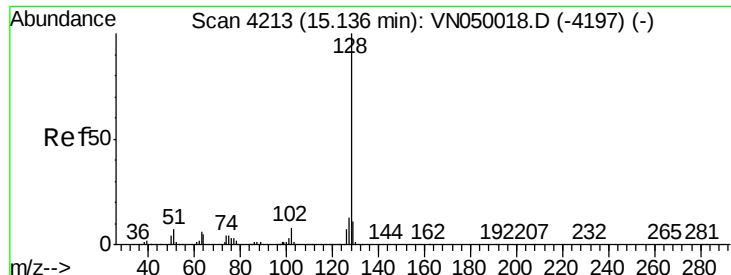


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95
Naphthalene
Concen: 4.51 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB111674ZHE#04

Tot Ion	Ratio	Lower	Upper
128	100		
127	1.7	10.4	15.6#
129	0.0	8.8	13.2#

