

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050350.D
 Acq On : 4 Aug 2018 7:33
 Operator : MD\SY
 Sample : J4313-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-13

Quant Time: Aug 06 00:50:28 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	628309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1036010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	900008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	388840	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	446515	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
35) Dibromofluoromethane	7.59	113	390423	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
50) Toluene-d8	10.09	98	1413115	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	
62) 4-Bromofluorobenzene	12.40	95	421920	41.20	ug/l	0.00
Spiked Amount			Recovery	=	82.40%	

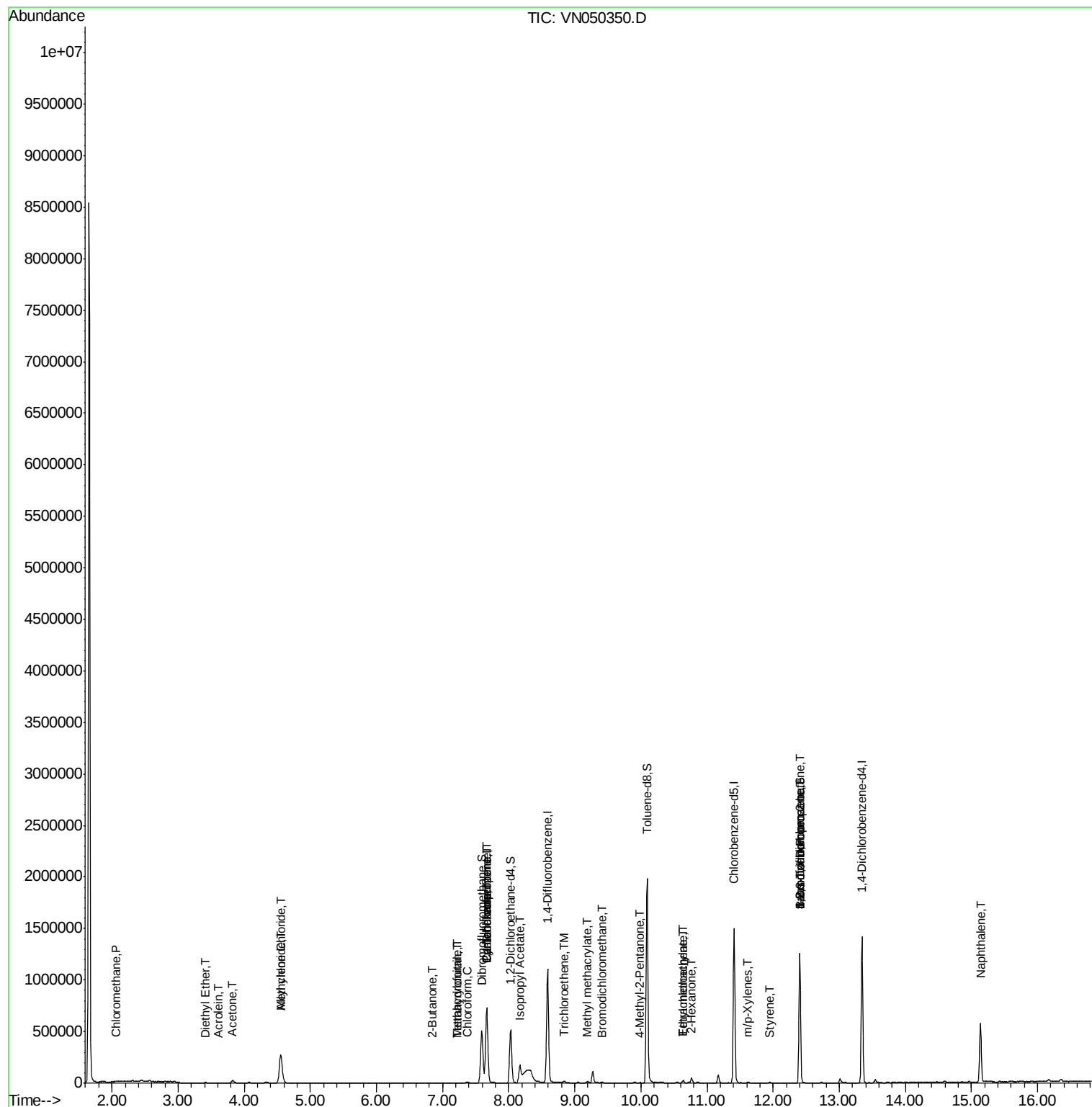
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3430	0.35	ug/l	97
5) Bromomethane	2.57	94	4220	Below Cal		96
8) Diethyl Ether	3.40	74	1156	0.26	ug/l #	16
13) Acrolein	3.61	56	231	0.45	ug/l #	1
14) Allyl chloride	4.55	41	7552	0.67	ug/l #	24
16) Acetone	3.83	43	38463	14.54	ug/l	100
18) Methyl Acetate	4.33	43	12814	Below Cal		100
20) Methylene Chloride	4.55	84	215645	27.17	ug/l	99
25) 2-Butanone	6.85	43	4314	1.29	ug/l	95
29) Tetrahydrofuran	7.22	42	1293	0.60	ug/l #	67
30) Chloroform	7.38	83	12692	0.85	ug/l	92
31) Cyclohexane	7.67	56	11718	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	43414	3.72	ug/l #	48
38) Carbon Tetrachloride	7.67	117	56115	4.53	ug/l #	16
41) Methacrylonitrile	7.21	41	725	2.91	ug/l #	33
43) Isopropyl Acetate	8.17	43	216340	13.27	ug/l	93
44) Trichloroethene	8.84	130	6936	0.73	ug/l	83
47) Bromodichloromethane	9.40	83	2996	0.24	ug/l #	88
48) Methyl methacrylate	9.18	41	5228	0.75	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	2306	0.29	ug/l #	86
56) Ethyl methacrylate	10.64	69	255	2.05	ug/l #	1
59) 2-Hexanone	10.77	43	6662	6.28	ug/l #	58
64) Tetrachloroethene	10.64	164	2378	0.27	ug/l #	91
68) m/p-Xylenes	11.62	106	3128	0.23	ug/l	96
70) Styrene	11.96	104	296	0.94	ug/l #	71
71) Bromoform	12.40	173	2702	0.43	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	243	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	204814	28.34	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	204814	89.90	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.28	75	64	Below Cal	#	1
95) Naphthalene	15.14	128	503439	30.26	ug/l	100

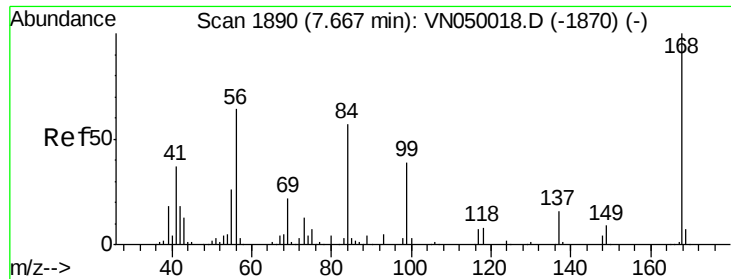
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampleId :

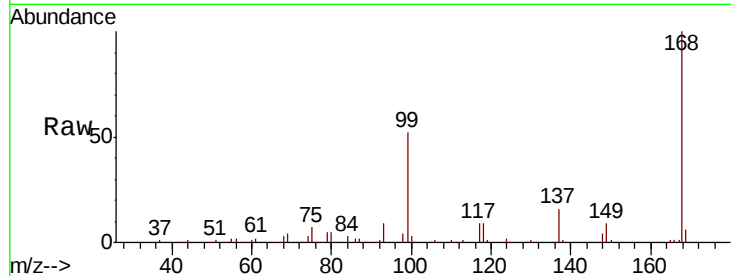
C-13

Tot Ion:168 Resp: 628309

Ion Ratio Lower Upper

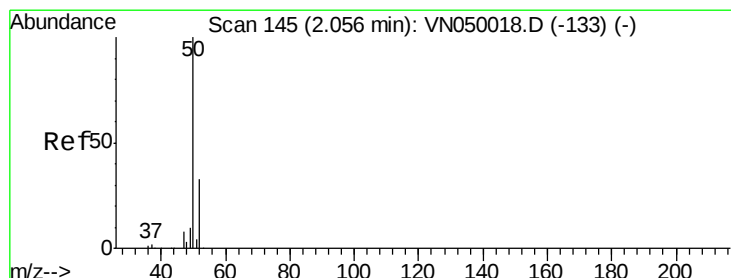
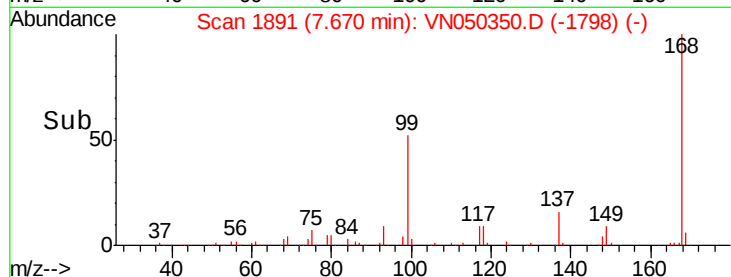
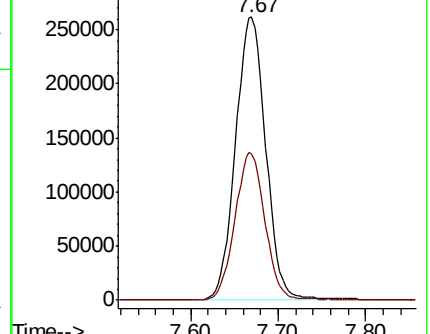
168 100

99 51.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.35 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050350.D

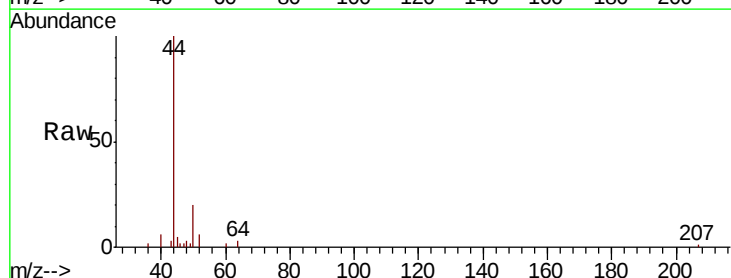
Acq: 4 Aug 2018 7:33

Tgt Ion: 50 Resp: 3430

Ion Ratio Lower Upper

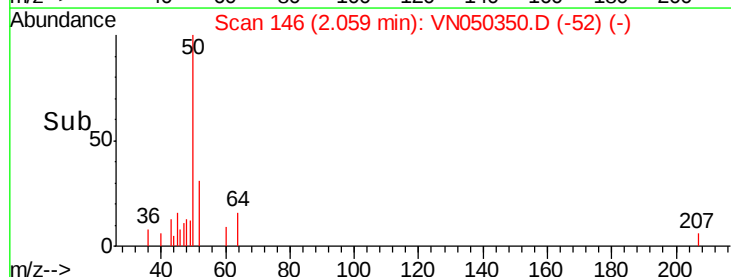
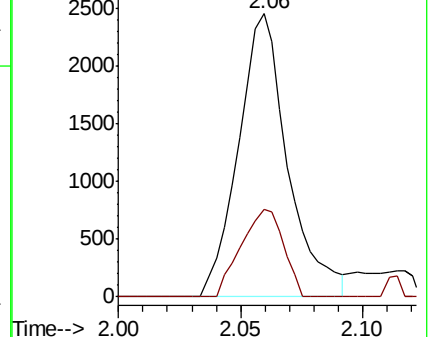
50 100

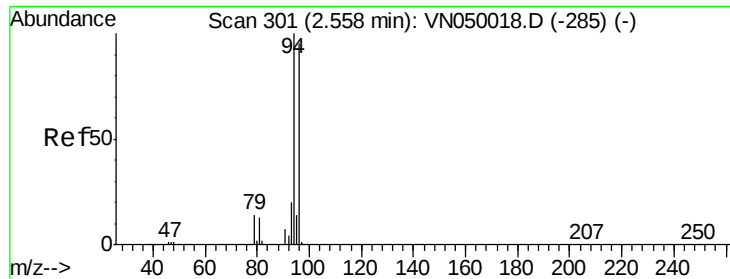
52 30.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampleId :

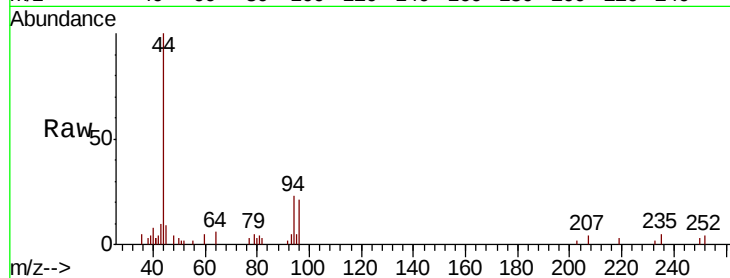
C-13

Tot Ion: 94 Resp: 4220

Ion Ratio Lower Upper

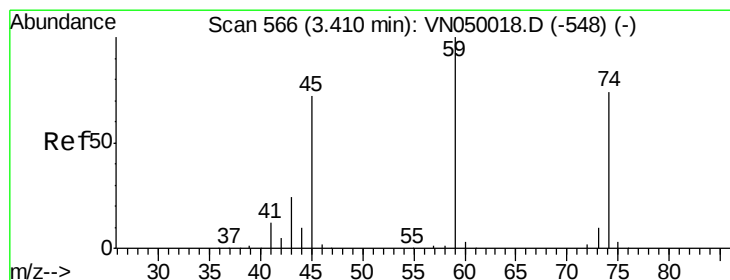
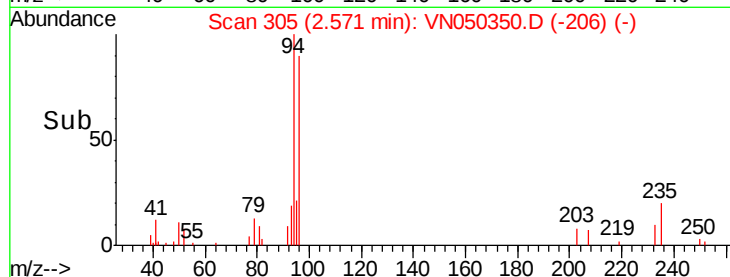
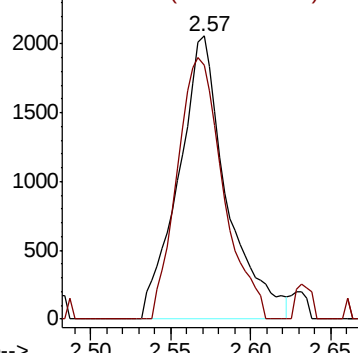
94 100

96 89.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.26 ug/l

RT: 3.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: VN050350.D

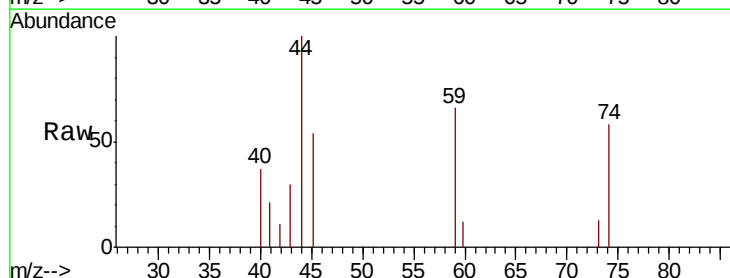
Acq: 4 Aug 2018 7:33

Tgt Ion: 74 Resp: 1156

Ion Ratio Lower Upper

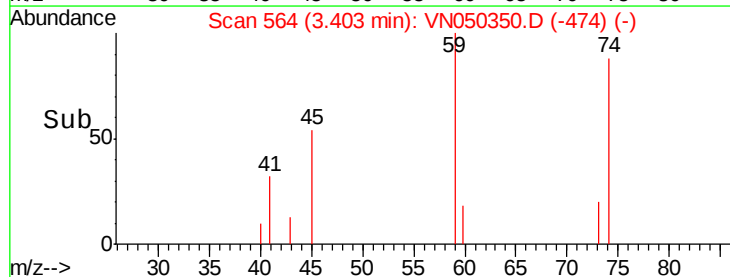
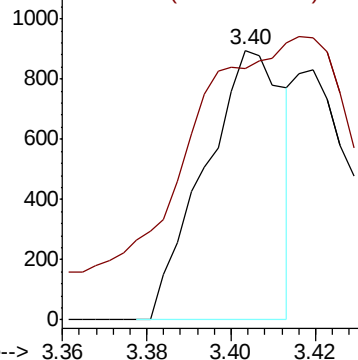
74 100

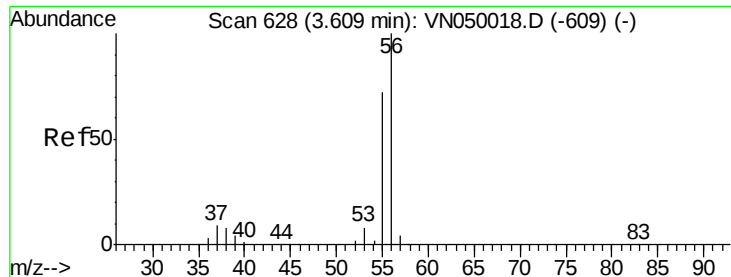
45 177.3 47.6 142.8#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#13

Acrolein

Concen: 0.45 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampled :

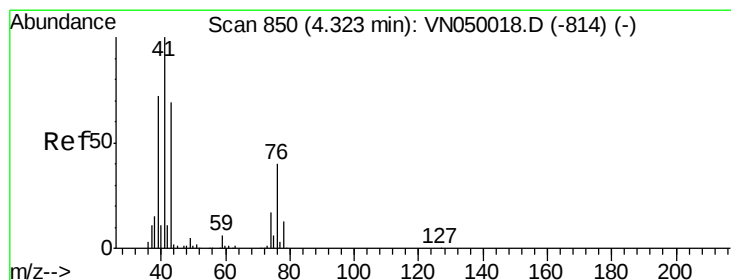
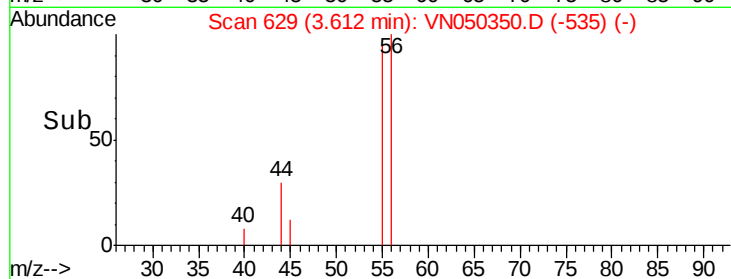
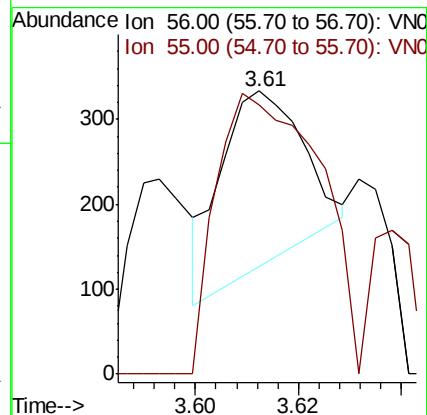
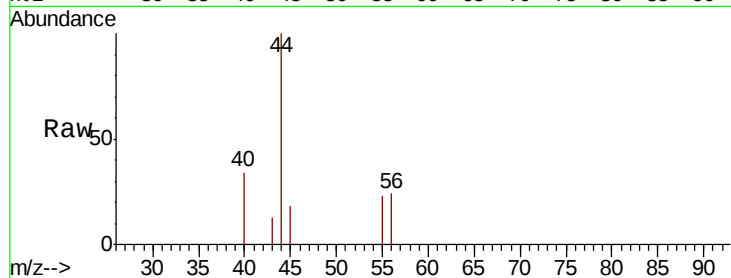
C-13

Tot Ion: 56 Resp: 231

Ion Ratio Lower Upper

56 100

55 198.7 55.8 83.6#



#14

Allyl chloride

Concen: 0.67 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.23 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

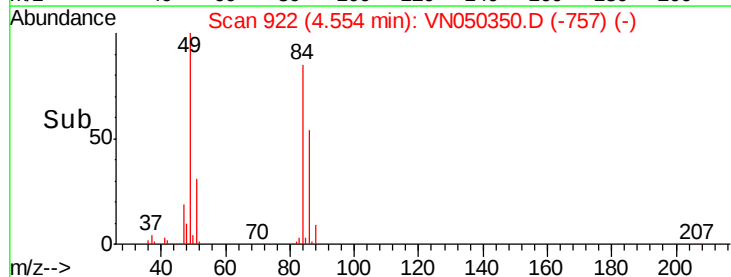
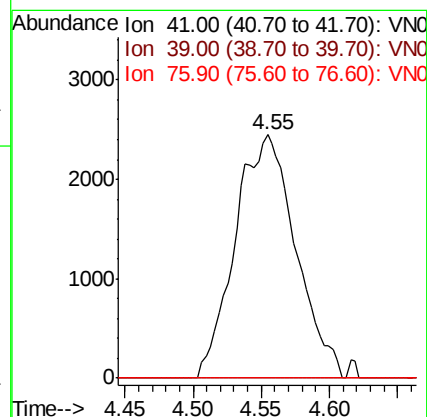
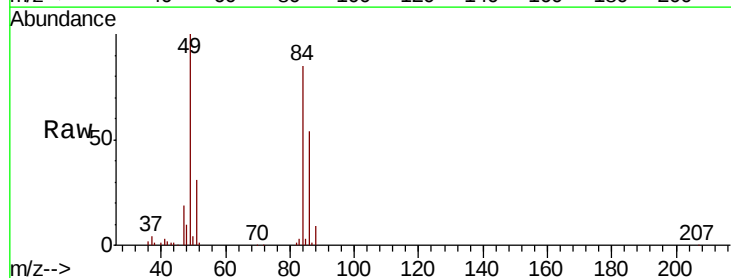
Tgt Ion: 41 Resp: 7552

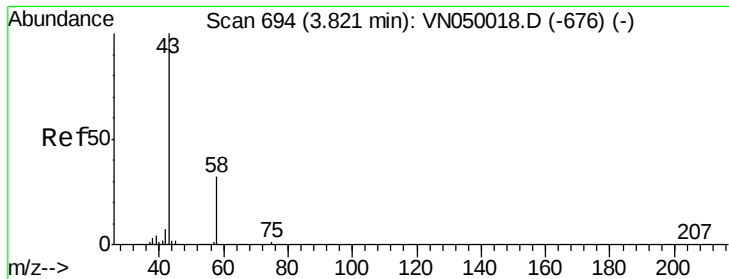
Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

76 0.0 29.0 43.6#





#16

Acetone

Concen: 14.54 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampled :

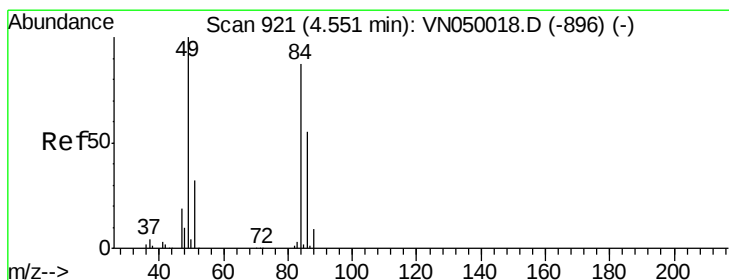
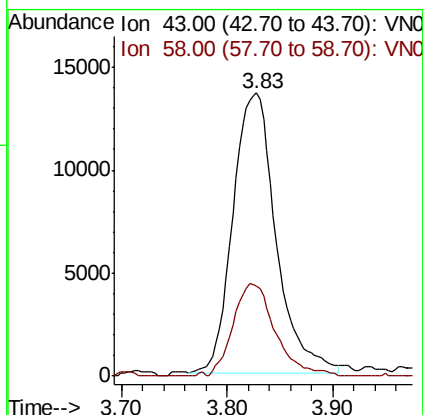
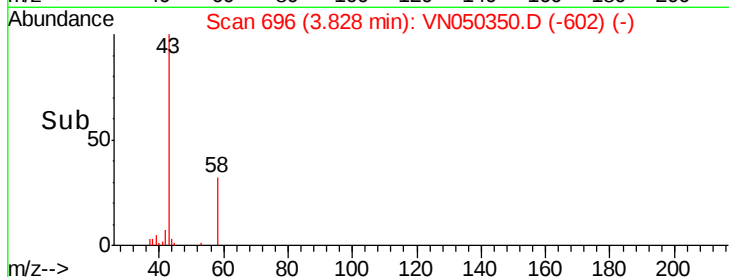
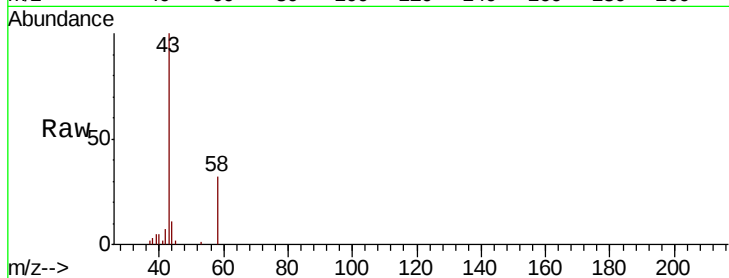
C-13

Tot Ion: 43 Resp: 38463

Ion Ratio Lower Upper

43 100

58 32.0 25.8 38.8



#20

Methylene Chloride

Concen: 27.17 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Tgt Ion: 84 Resp: 215645

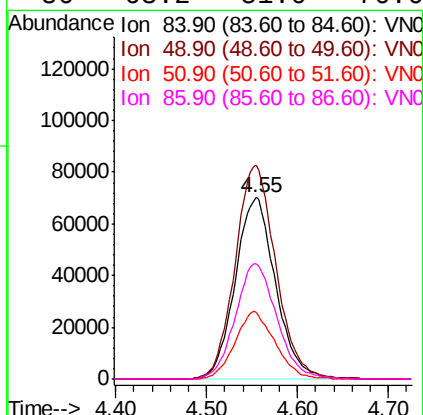
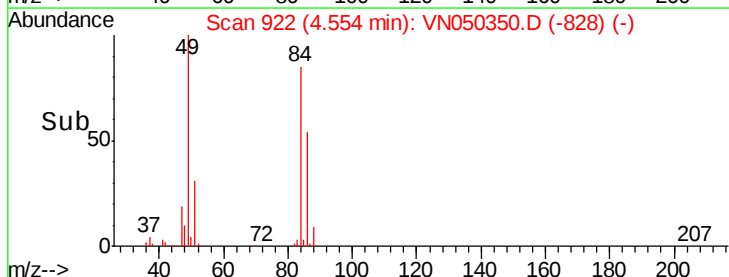
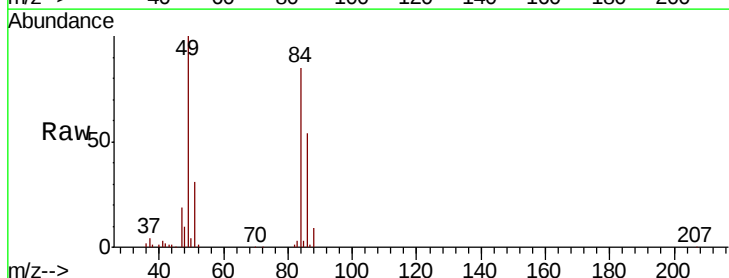
Ion Ratio Lower Upper

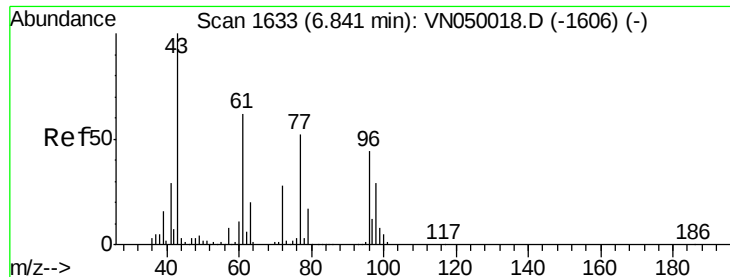
84 100

49 117.6 94.8 142.2

51 36.6 28.3 42.5

86 63.2 51.0 76.6

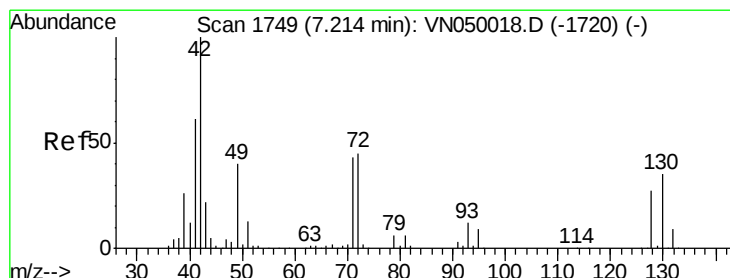
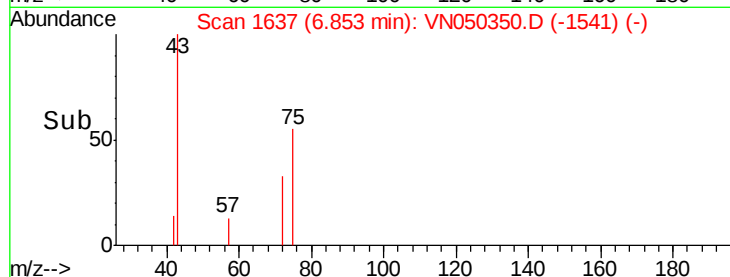
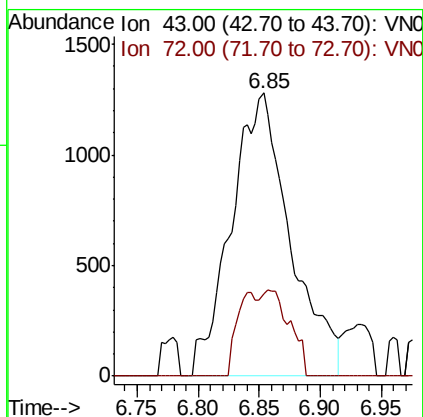
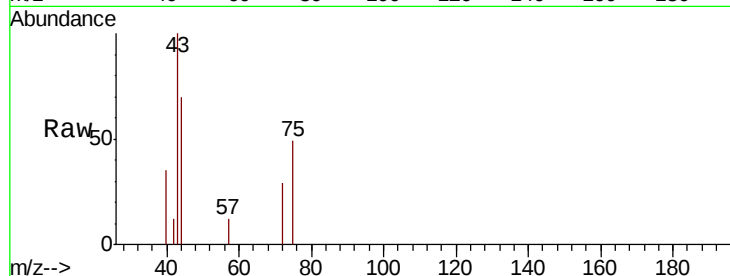




#25
2-Butanone
Concen: 1.29 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050350.D
Acq: 4 Aug 2018 7:33

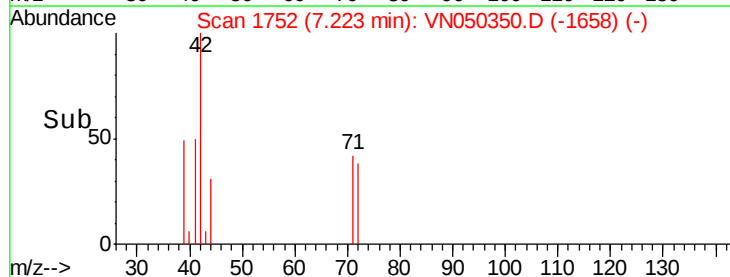
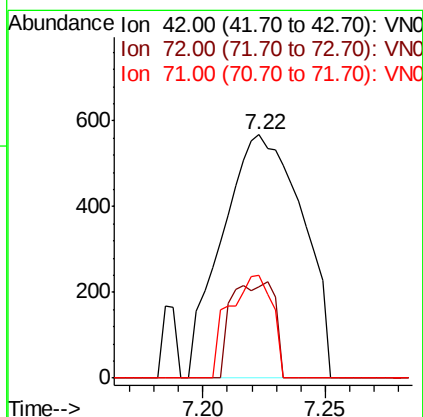
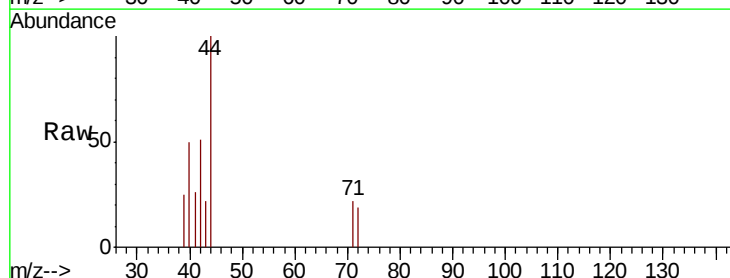
Instrument :
MSVOA_N
ClientSampled :
C-13

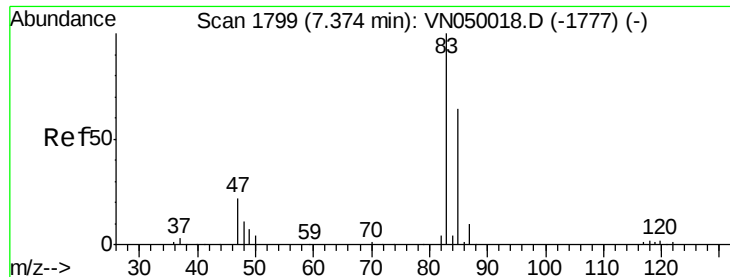
Tot Ion: 43 Resp: 4314
Ion Ratio Lower Upper
43 100
72 29.2 21.5 32.3



#29
Tetrahydrofuran
Concen: 0.60 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.00 min
Lab File: VN050350.D
Acq: 4 Aug 2018 7:33

Tgt Ion: 42 Resp: 1293
Ion Ratio Lower Upper
42 100
72 21.3 35.9 53.9#
71 22.7 33.7 50.5#





#30

Chloroform

Concen: 0.85 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampled :

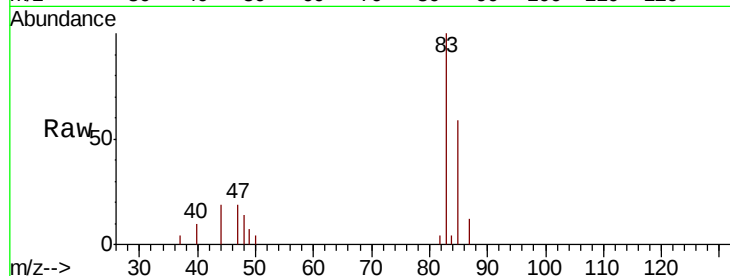
C-13

Tot Ion: 83 Resp: 12692

Ion Ratio Lower Upper

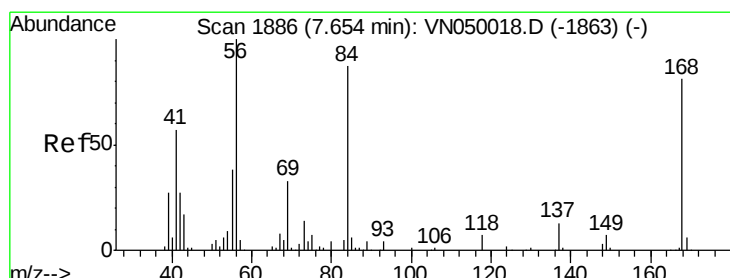
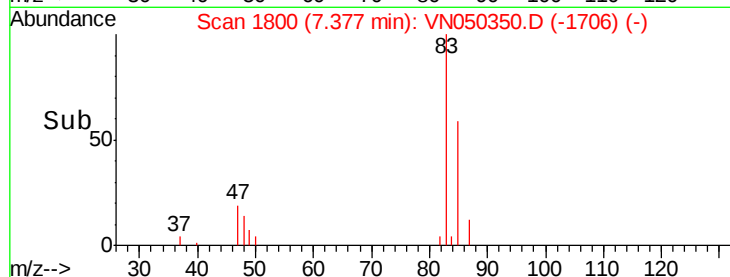
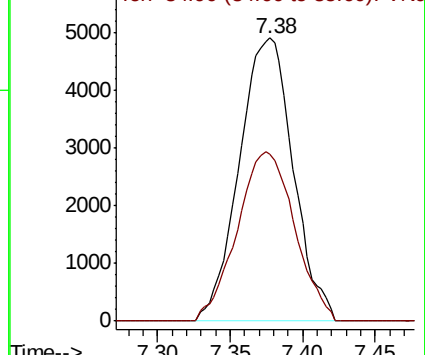
83 100

85 58.9 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#31

Cyclohexane

Concen: 0.90 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

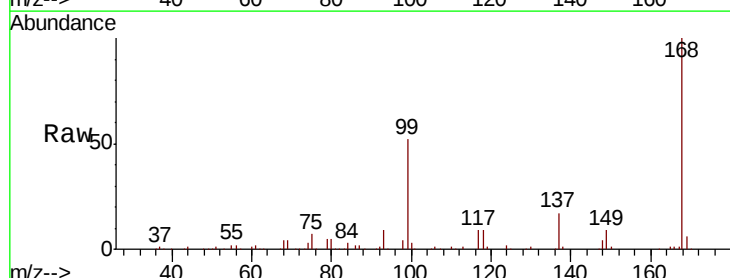
Tgt Ion: 56 Resp: 11718

Ion Ratio Lower Upper

56 100

69 172.7 26.2 39.4#

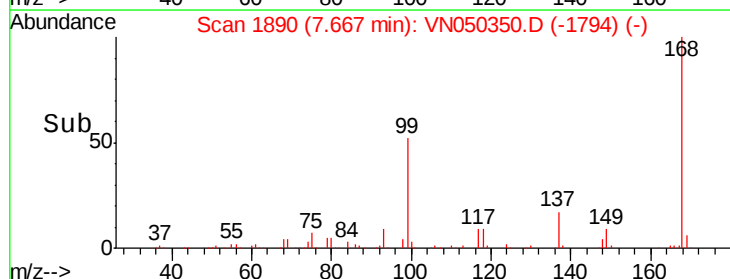
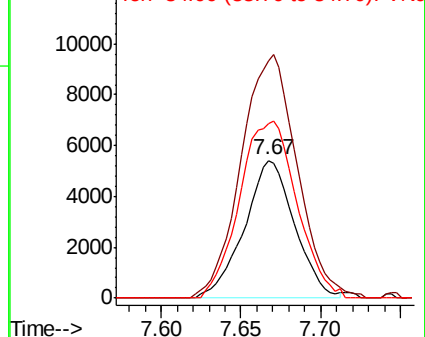
84 126.5 67.4 101.0#

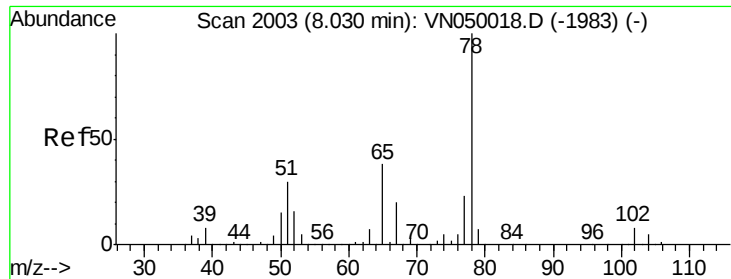


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

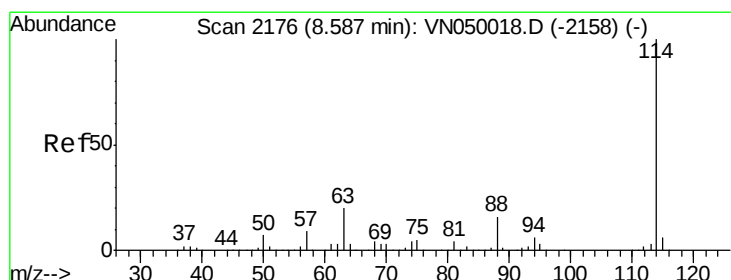
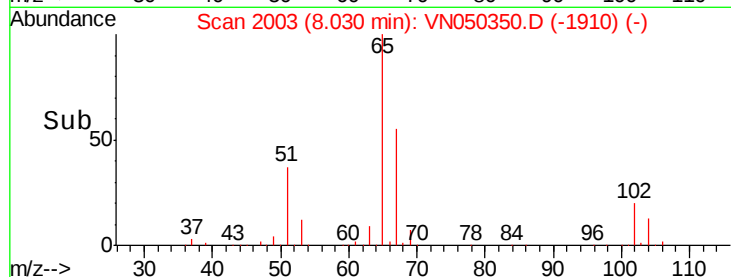
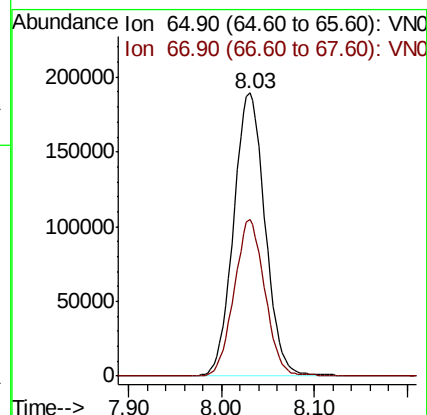
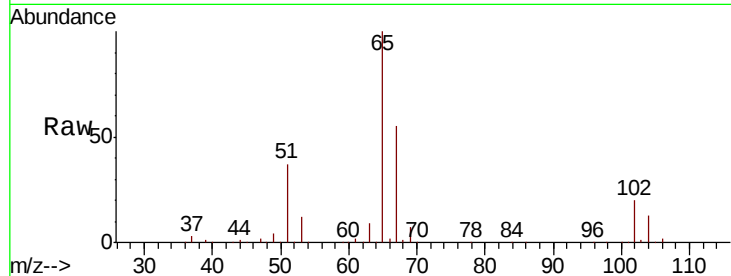




#33
 1,2-Dichloroethane-d4
 Concen: 50.94 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050350.D
 Acq: 4 Aug 2018 7:33

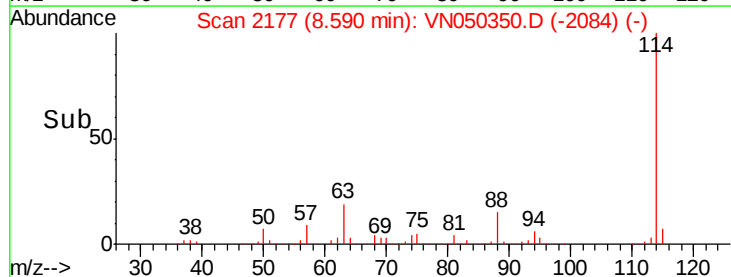
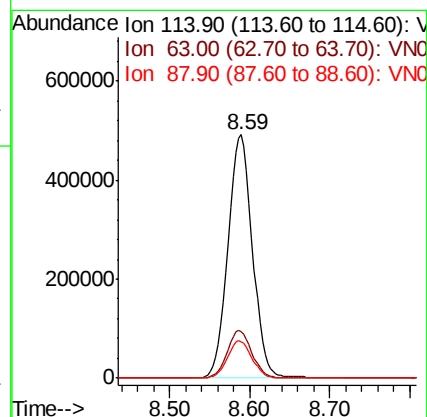
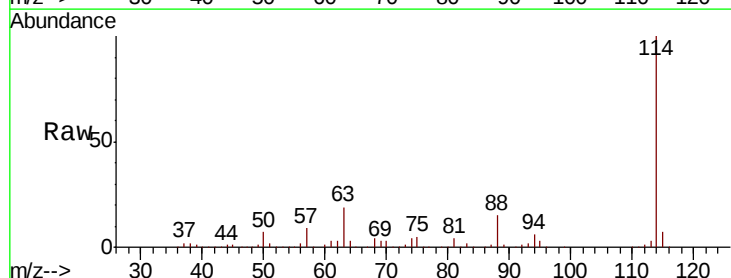
Instrument :
 MSVOA_N
 ClientSampled :
 C-13

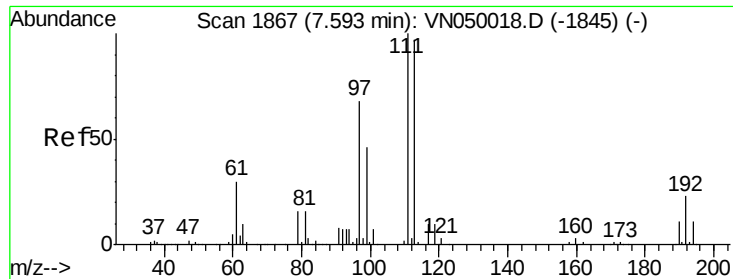
Tot Ion: 65 Resp: 446515
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VN050350.D
 Acq: 4 Aug 2018 7:33

Tgt Ion: 114 Resp: 1036010
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 15.1 0.0 31.2

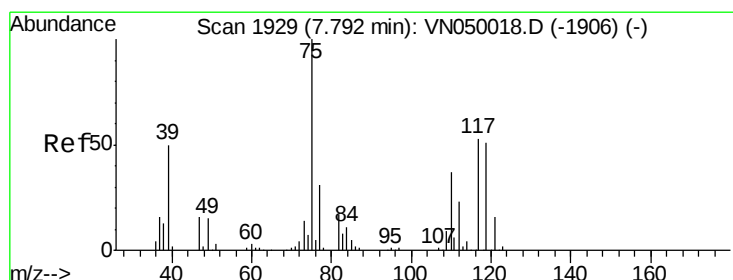
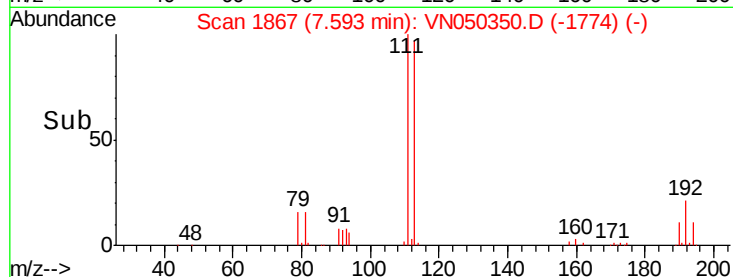
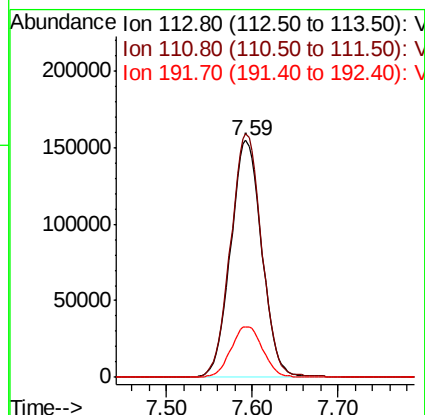
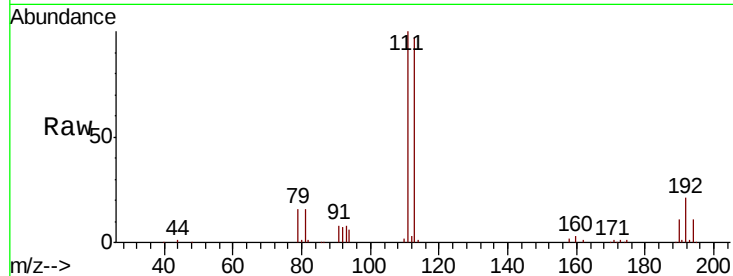




#35
Dibromofluoromethane
Concen: 46.16 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050350.D
Acq: 4 Aug 2018 7:33

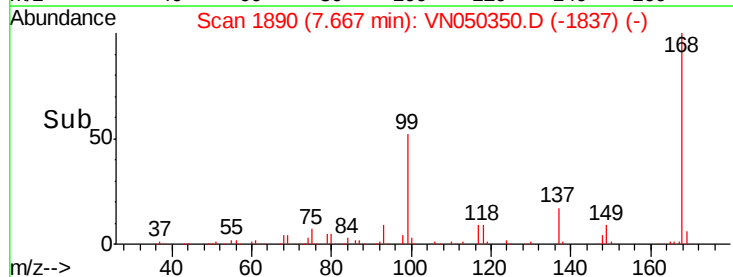
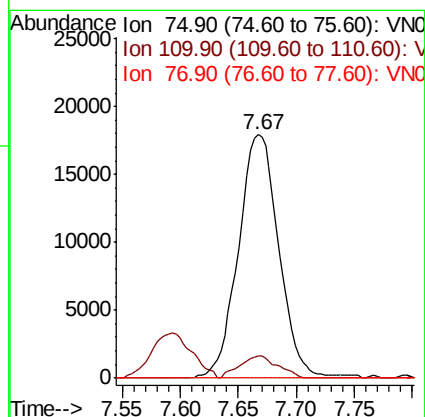
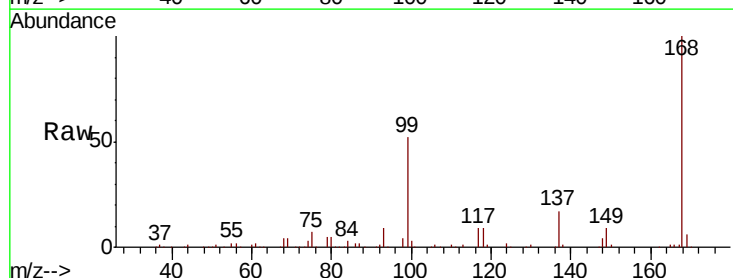
Instrument :
MSVOA_N
ClientSampleId :
C-13

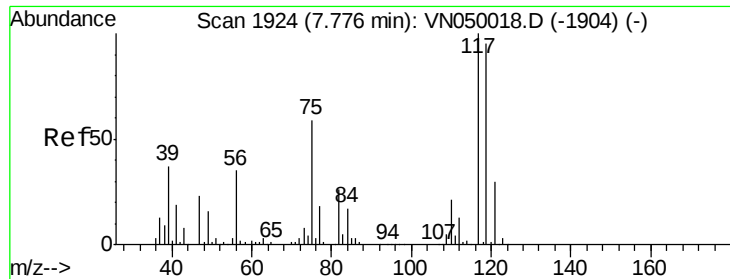
Tot Ion:113 Resp: 390423
Ion Ratio Lower Upper
113 100
111 102.4 80.7 121.1
192 21.9 17.8 26.6



#36
1,1-Dichloropropene
Concen: 3.72 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050350.D
Acq: 4 Aug 2018 7:33

Tgt Ion: 75 Resp: 43414
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.53 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampled :

C-13

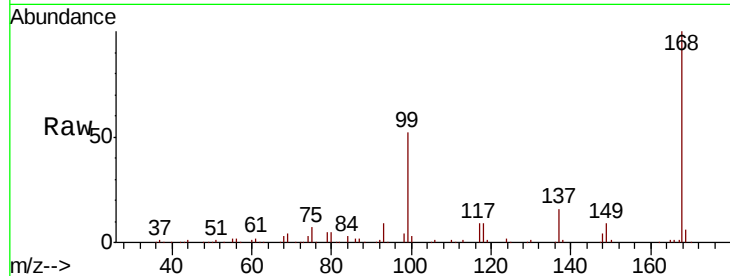
Tot Ion:117 Resp: 56115

Ion Ratio Lower Upper

117 100

119 6.0 77.4 116.0#

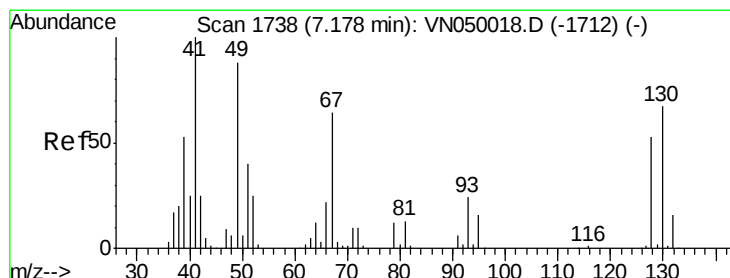
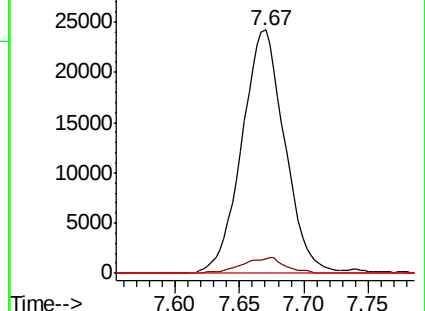
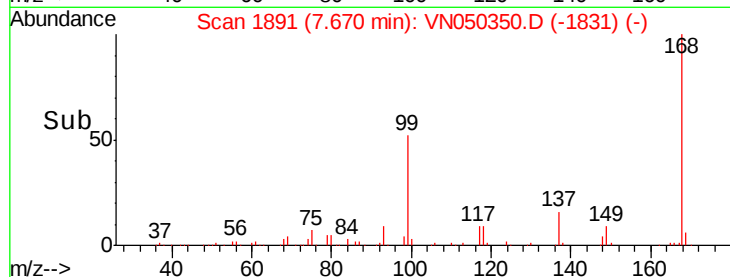
121 0.0 23.9 35.9#



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: 2.91 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. 0.04 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Tgt Ion: 41 Resp: 725

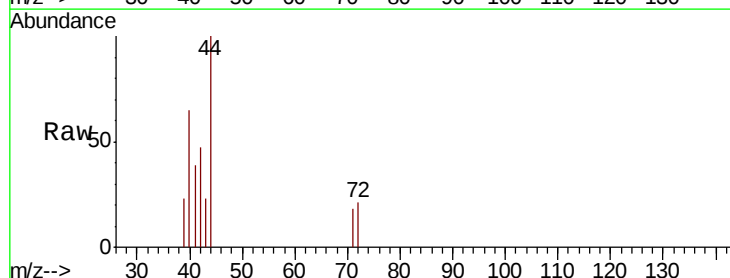
Ion Ratio Lower Upper

41 100

39 59.2 55.8 83.6

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

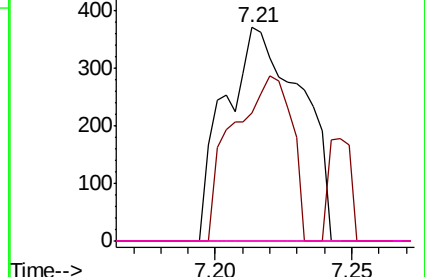
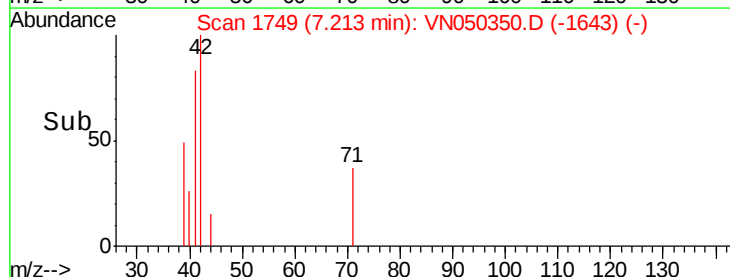


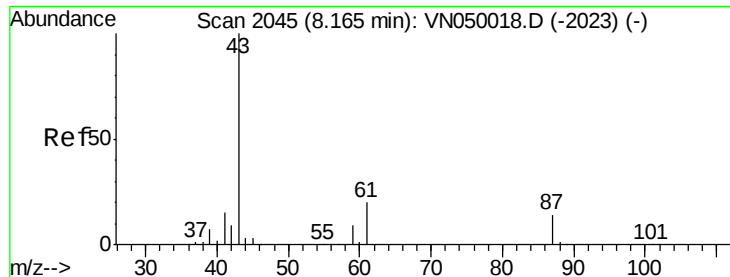
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 13.27 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampled :

C-13

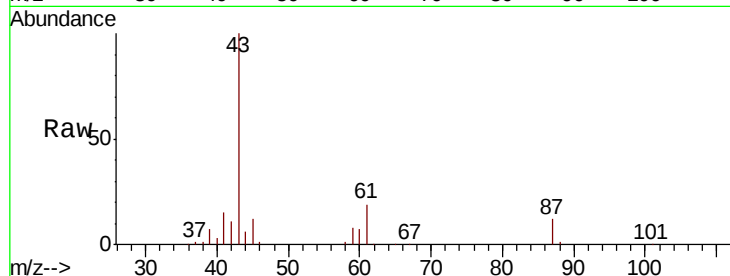
Tot Ion: 43 Resp: 216340

Ion Ratio Lower Upper

43 100

61 16.1 15.8 23.6

87 10.4 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2023) (-)

Ion 61.00 (60.70 to 61.70): VN050018.D (-2023) (-)

Ion 87.00 (86.70 to 87.70): VN050018.D (-2023) (-)

8.17

100000

80000

60000

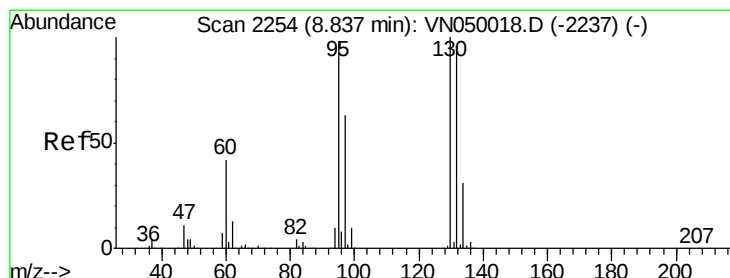
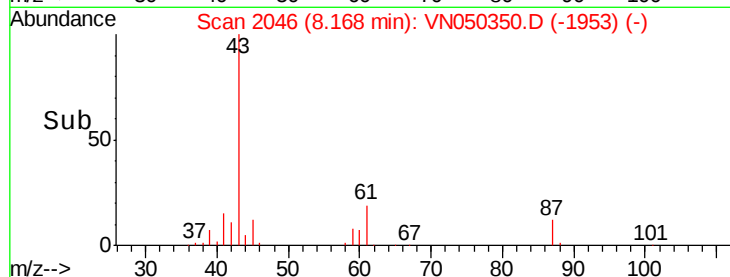
40000

20000

0

8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 0.73 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050350.D

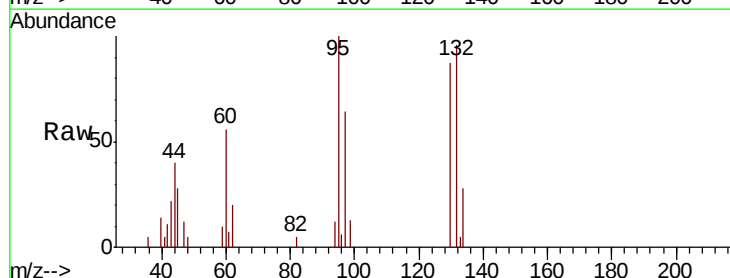
Acq: 4 Aug 2018 7:33

Tgt Ion:130 Resp: 6936

Ion Ratio Lower Upper

130 100

95 114.4 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): VN050018.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050018.D (-2237) (-)

8.84

4000

3000

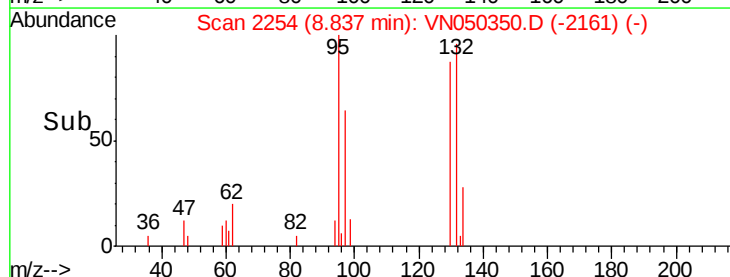
2000

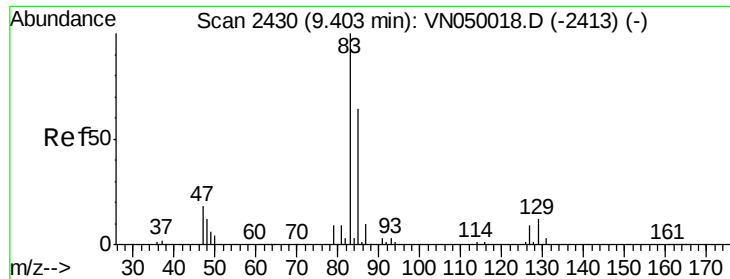
1000

0

8.80 8.85 8.90

Time-->





#47

Bromodichloromethane

Concen: 0.24 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampleId :

C-13

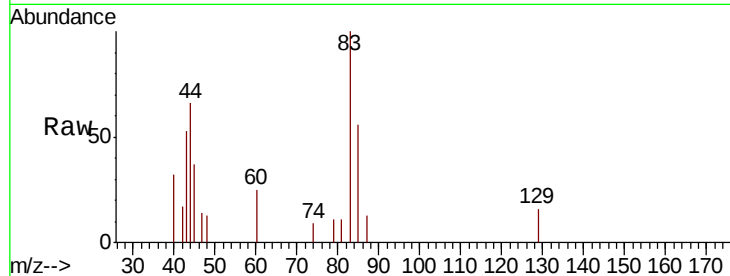
Tot Ion: 83 Resp: 2996

Ion Ratio Lower Upper

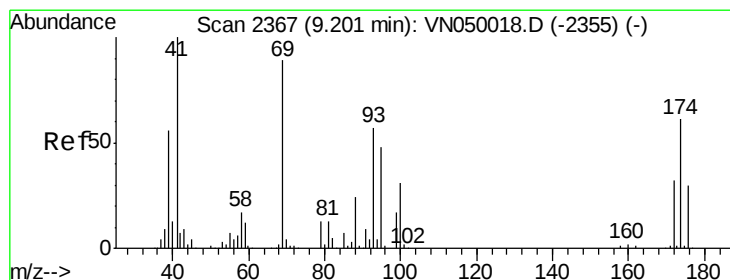
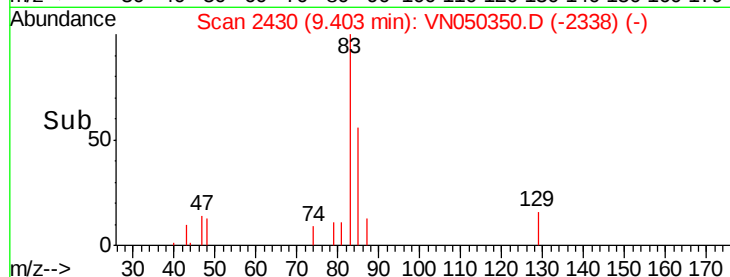
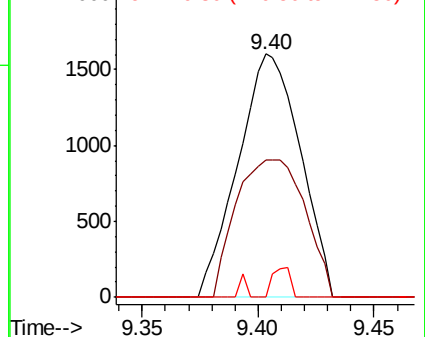
83 100

85 56.2 51.1 76.7

127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 0.75 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

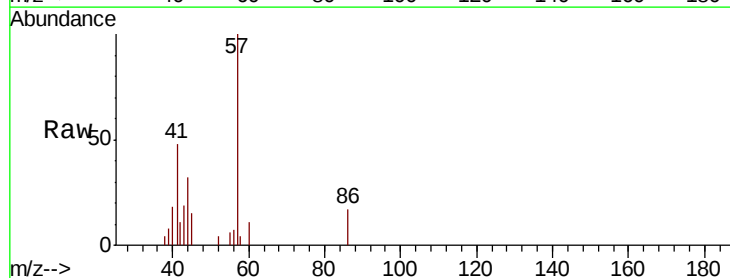
Tgt Ion: 41 Resp: 5228

Ion Ratio Lower Upper

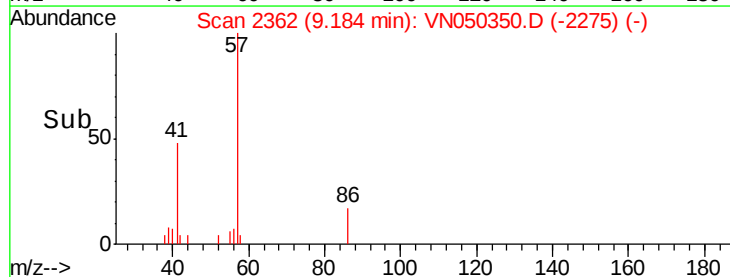
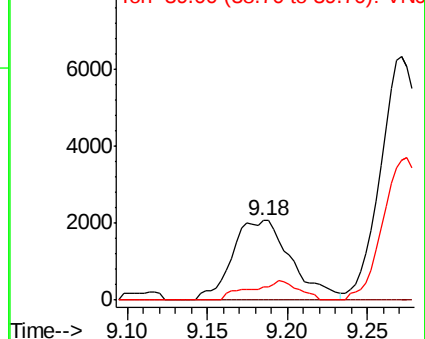
41 100

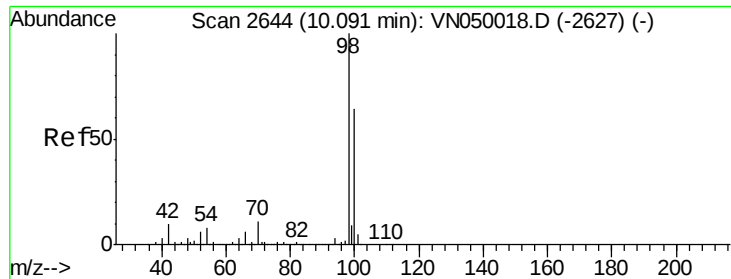
69 0.0 70.6 105.8#

39 20.0 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

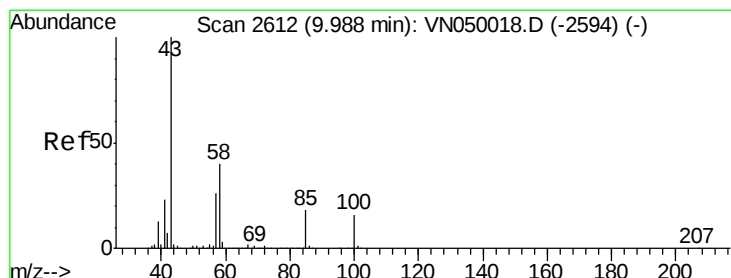
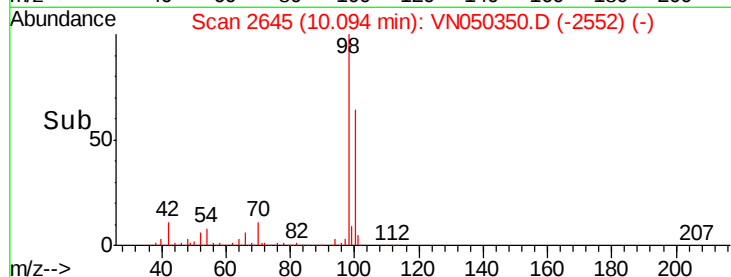
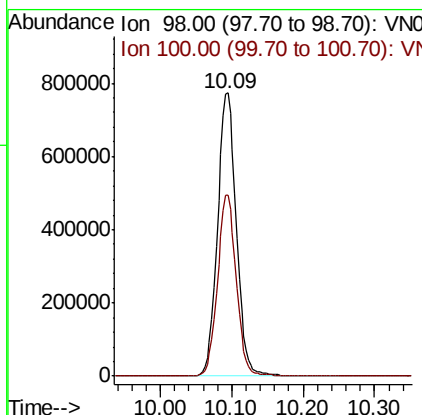
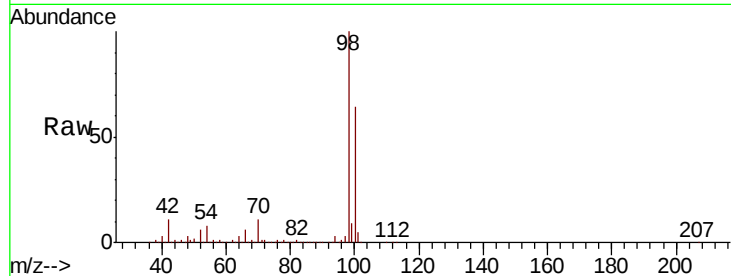




#50
Toluene-d8
Concen: 45.44 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VN050350.D
Acq: 4 Aug 2018 7:33

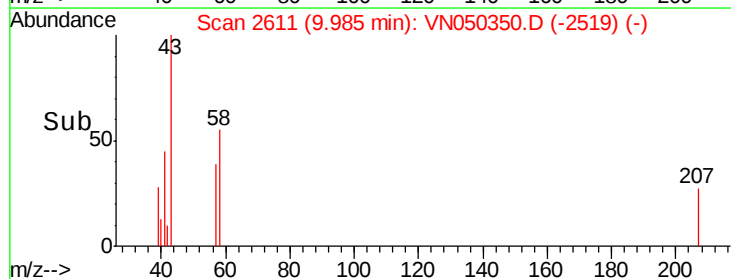
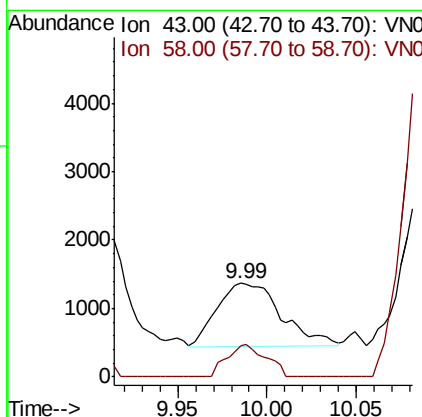
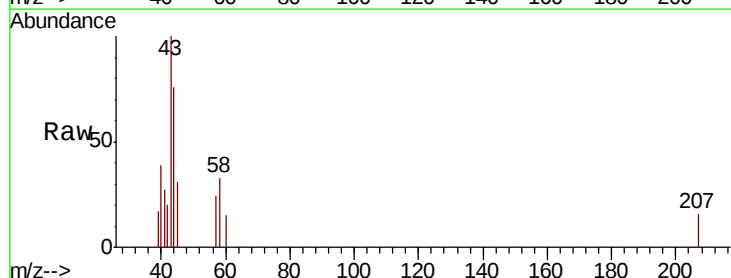
Instrument :
MSVOA_N
ClientSampled :
C-13

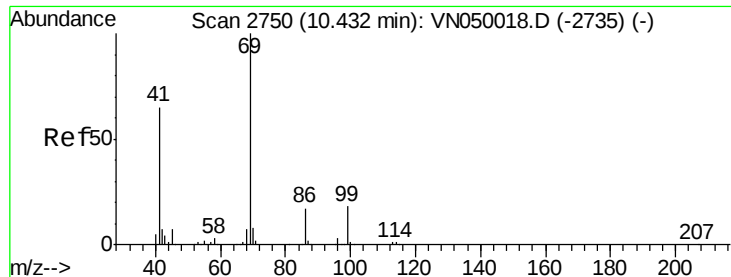
Tot Ion: 98 Resp: 1413115
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050350.D
Acq: 4 Aug 2018 7:33

Tgt Ion: 43 Resp: 2306
Ion Ratio Lower Upper
43 100
58 31.3 31.9 47.9#





#56

Ethyl methacrylate

Concen: 2.05 ug/l

RT: 10.64 min Scan# 2815

Delta R.T. 0.21 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampled :

C-13

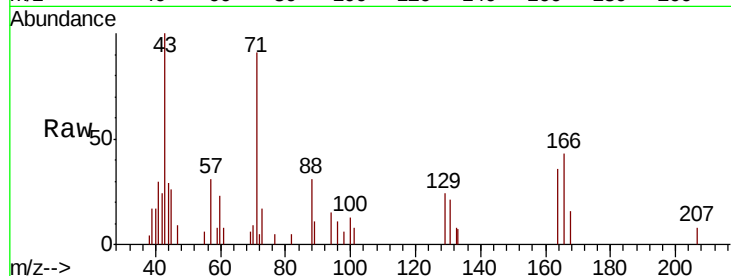
Tot Ion: 69 Resp: 255

Ion Ratio Lower Upper

69 100

41 822.4 51.0 76.4#

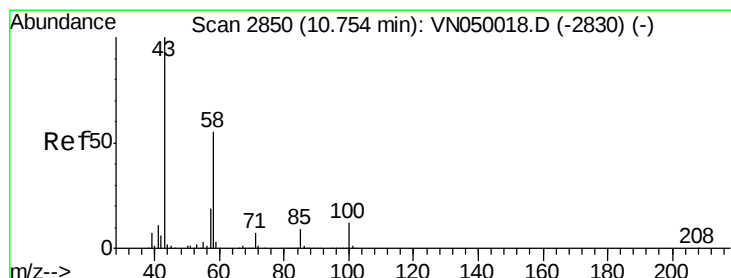
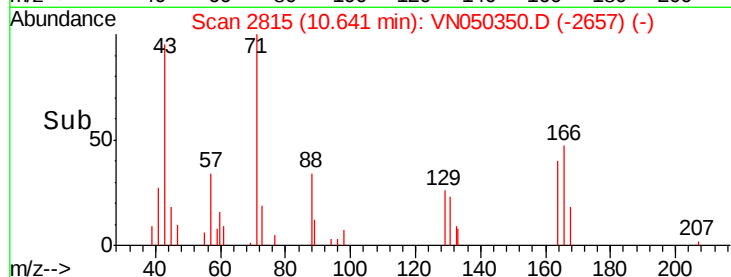
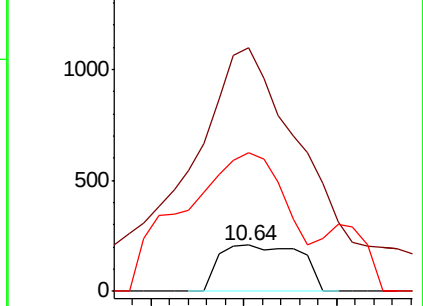
39 386.7 26.6 40.0#



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: 6.28 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050350.D

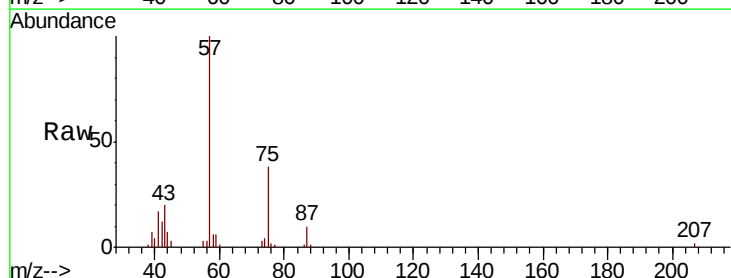
Acq: 4 Aug 2018 7:33

Tgt Ion: 43 Resp: 6662

Ion Ratio Lower Upper

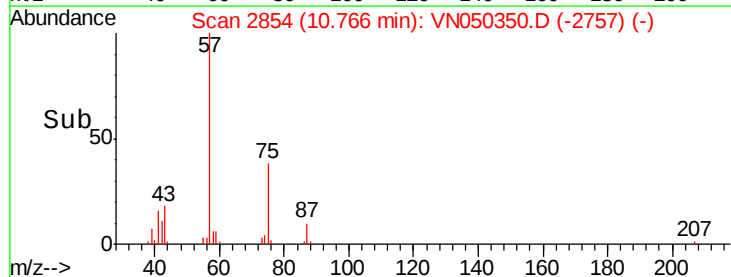
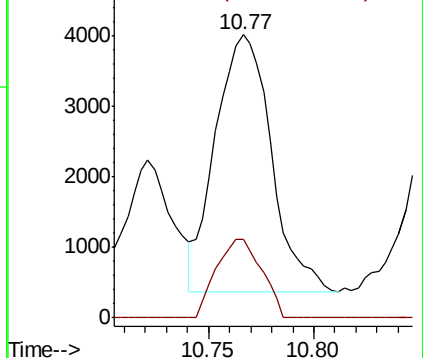
43 100

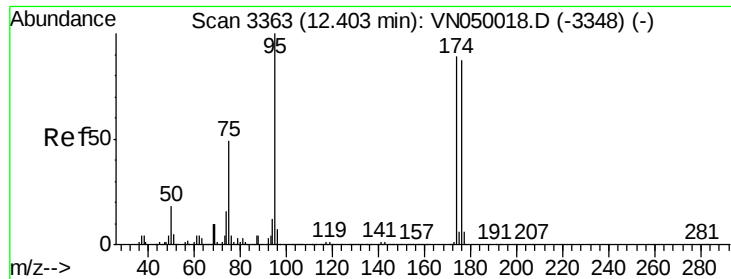
58 25.0 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

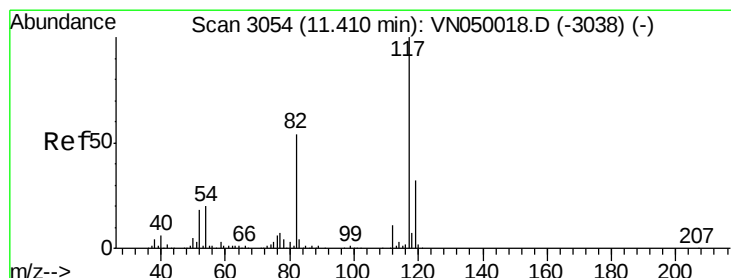
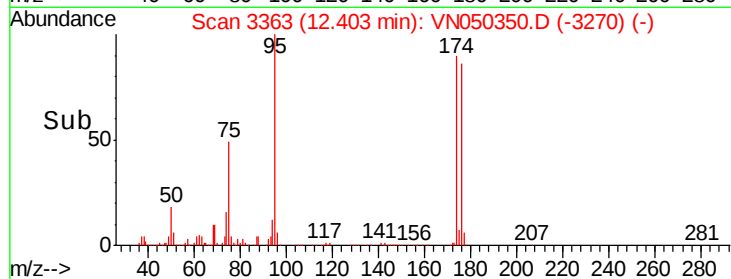
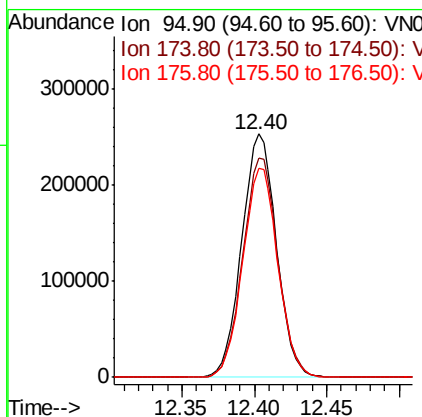
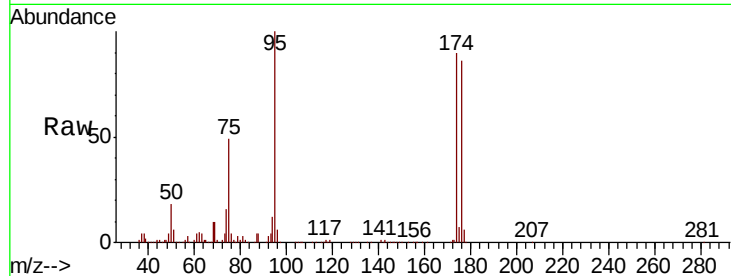




#62
4-Bromofluorobenzene
Concen: 41.20 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050350.D
Acq: 4 Aug 2018 7:33

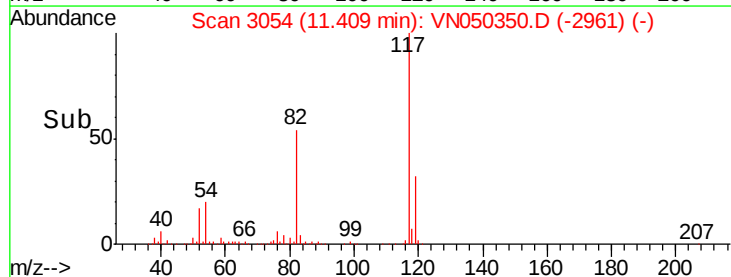
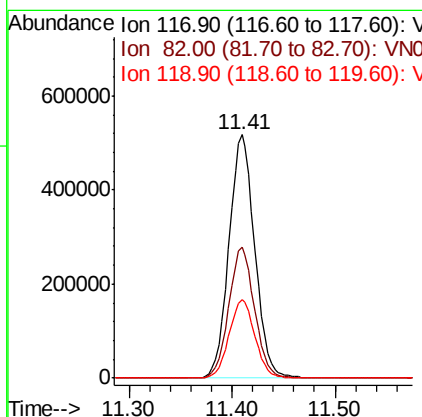
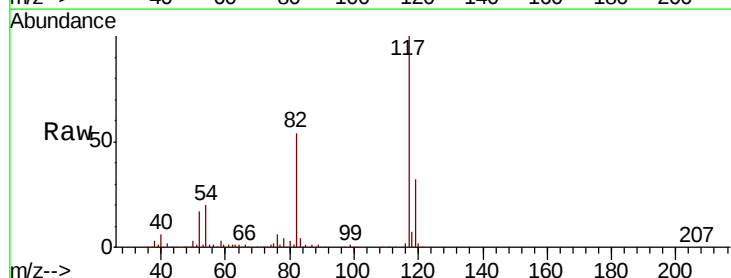
Instrument :
MSVOA_N
ClientSampleId :
C-13

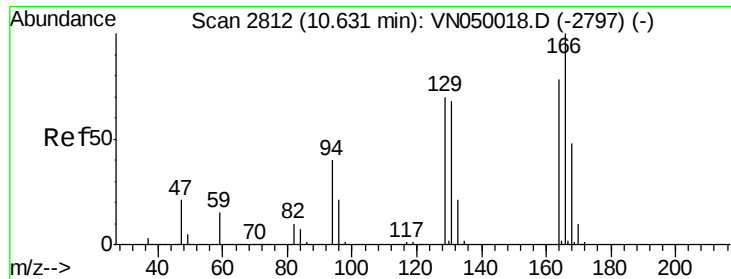
Tot Ion: 95 Resp: 421920
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050350.D
Acq: 4 Aug 2018 7:33

Tgt Ion: 117 Resp: 900008
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.2 26.1 39.1





#64

Tetrachloroethene

Concen: 0.27 ug/l

RT: 10.64 min Scan# 2814

Delta R.T. 0.00 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampled :

C-13

Tot Ion:164 Resp: 2378

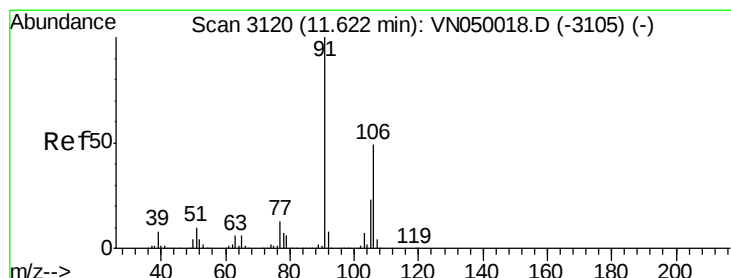
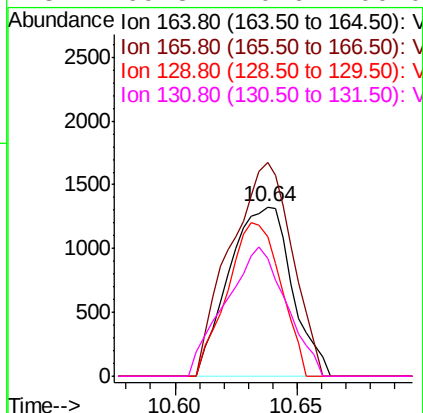
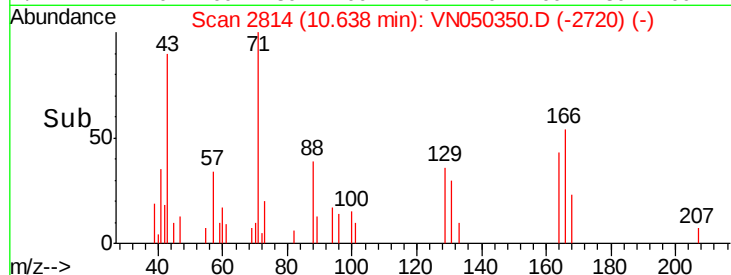
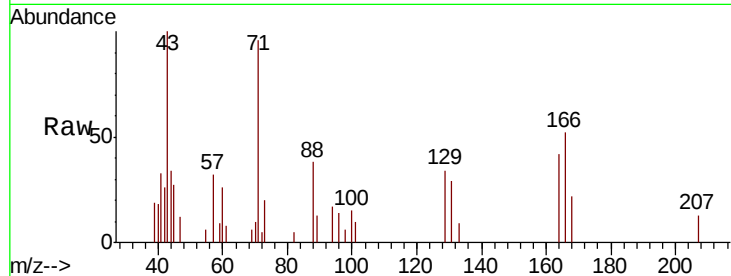
Ion Ratio Lower Upper

164 100

166 126.1 102.1 153.1

129 82.3 73.2 109.8

131 69.3 70.6 106.0#



#68

m/p-Xylenes

Concen: 0.23 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. -0.01 min

Lab File: VN050350.D

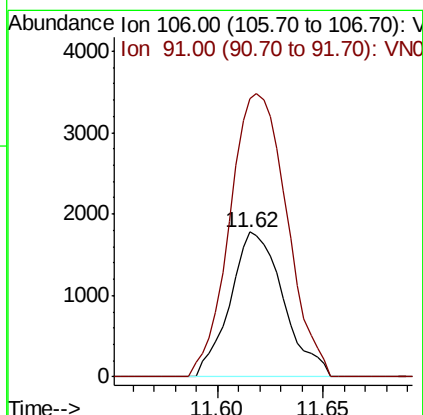
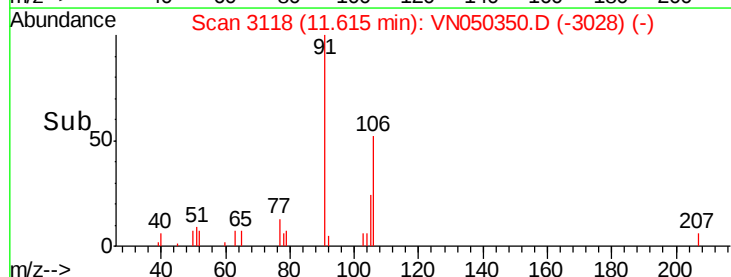
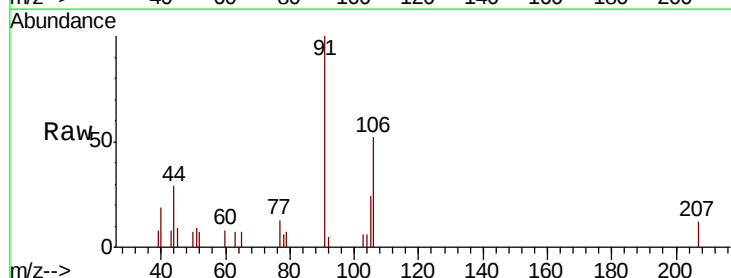
Acq: 4 Aug 2018 7:33

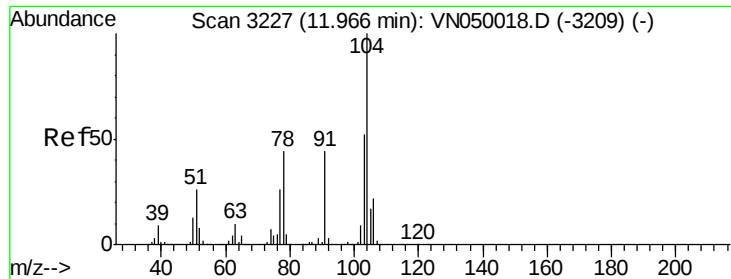
Tgt Ion:106 Resp: 3128

Ion Ratio Lower Upper

106 100

91 209.0 162.2 243.2

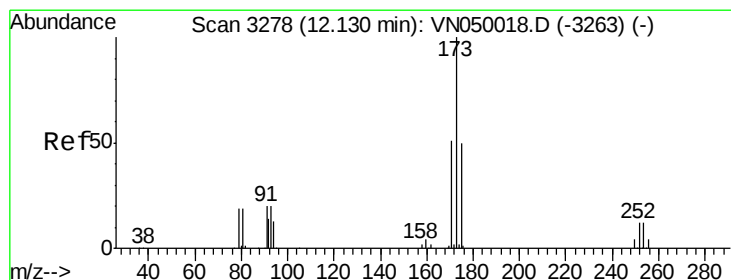
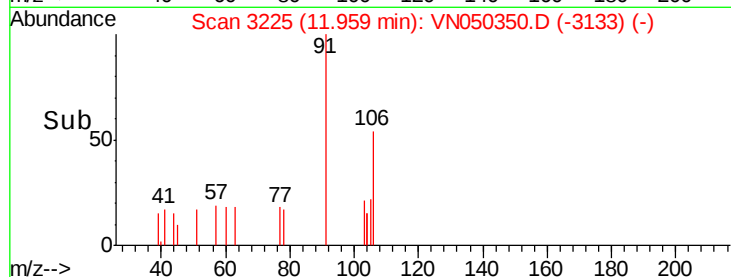
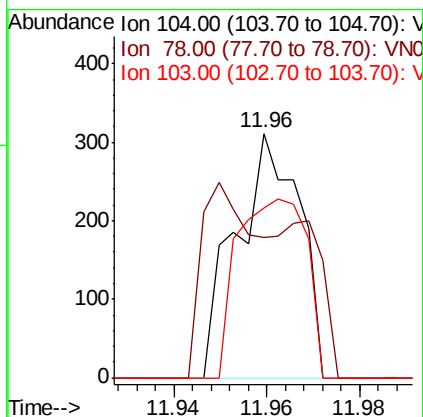
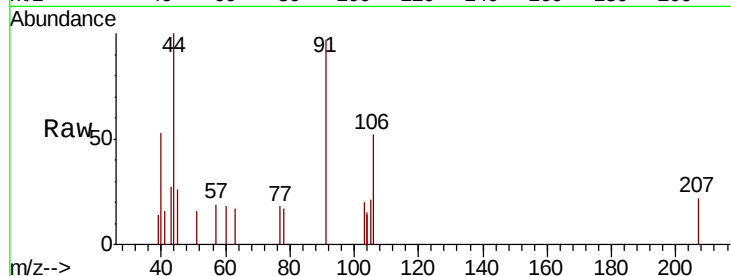




#70
Stvrene
Concen: 0.94 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.01 min
Lab File: VN050350.D
Acq: 4 Aug 2018 7:33

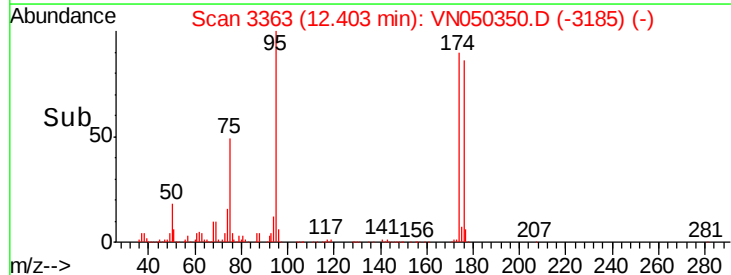
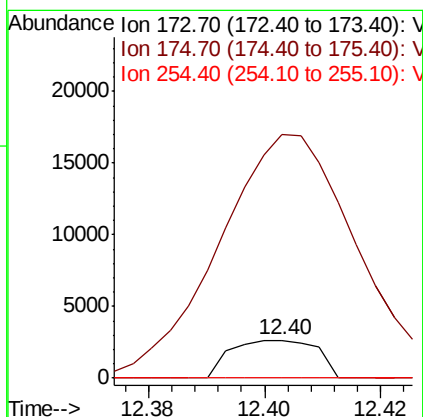
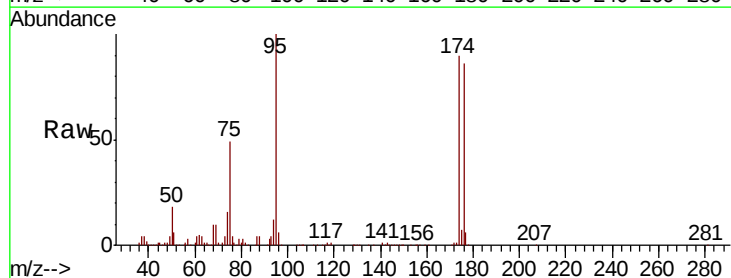
Instrument :
MSVOA_N
ClientSampled :
C-13

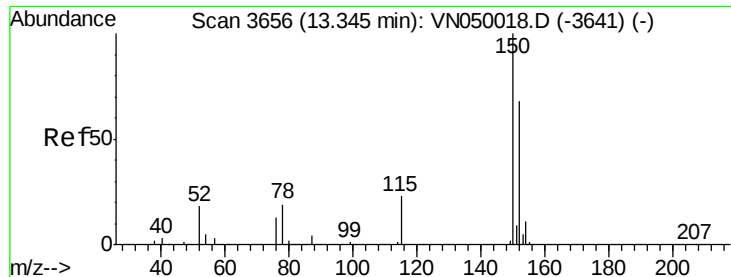
Tot Ion:104 Resp: 296
Ion Ratio Lower Upper
104 100
78 67.6 39.3 58.9#
103 79.4 45.0 67.6#



#71
Bromoform
Concen: 0.43 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050350.D
Acq: 4 Aug 2018 7:33

Tgt Ion:173 Resp: 2702
Ion Ratio Lower Upper
173 100
175 925.2 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampled :

C-13

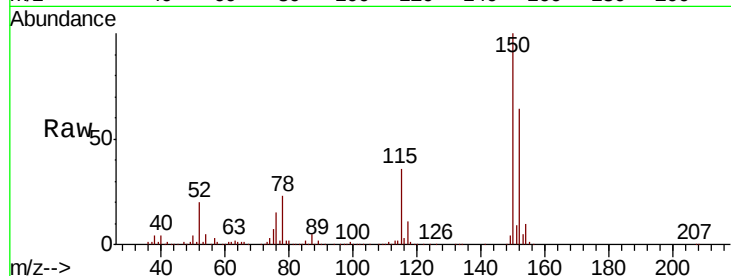
Tot Ion:152 Resp: 388840

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

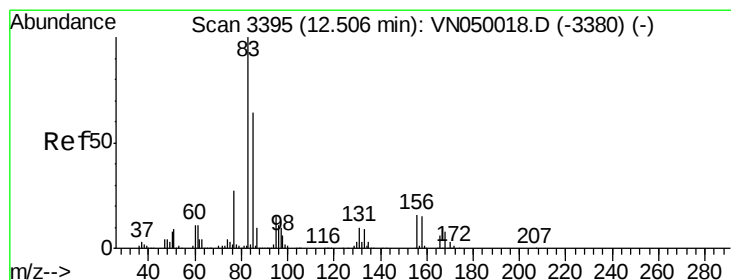
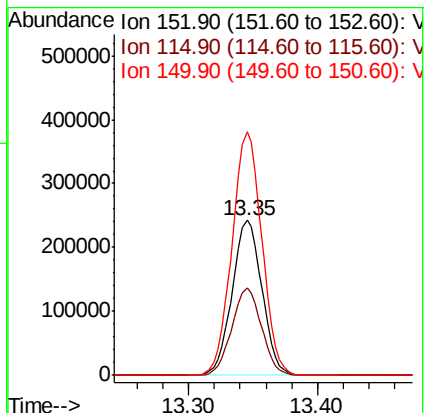
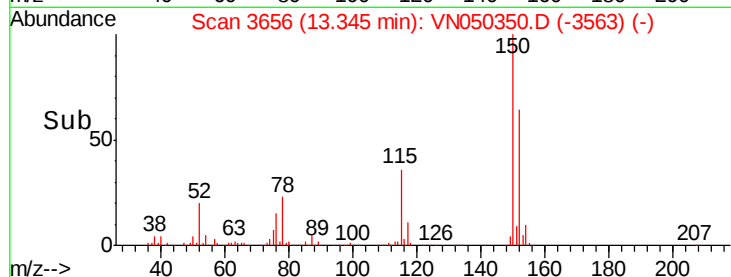
150 157.1 0.0 348.6



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: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

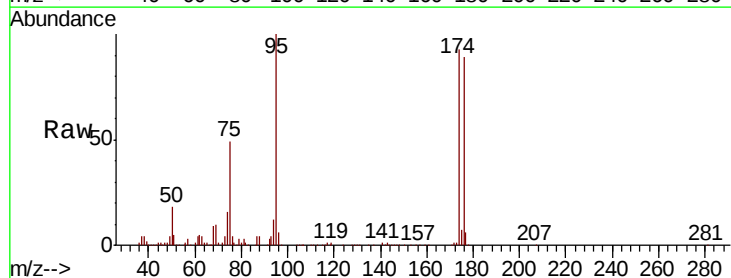
Tgt Ion: 83 Resp: 243

Ion Ratio Lower Upper

83 100

131 225.1 5.1 15.3#

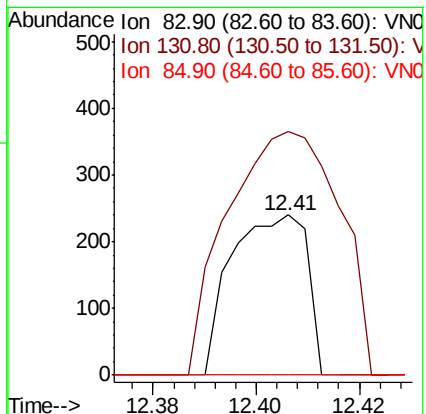
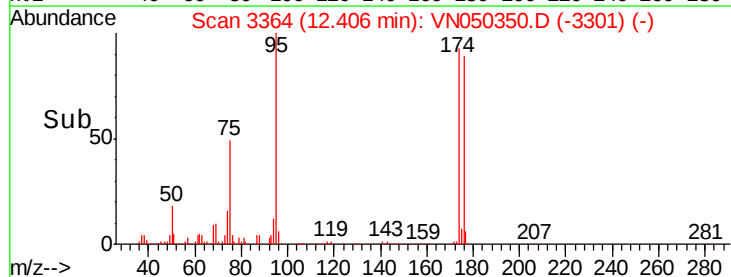
85 0.0 32.3 96.8#

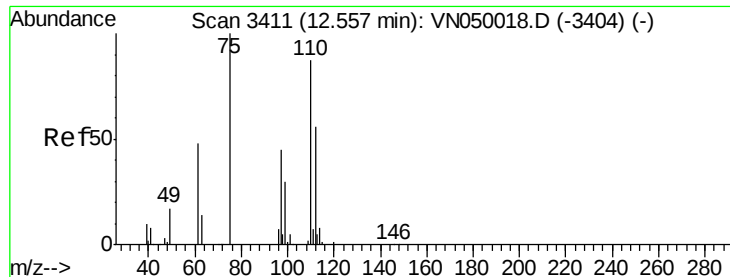


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 28.34 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampled :

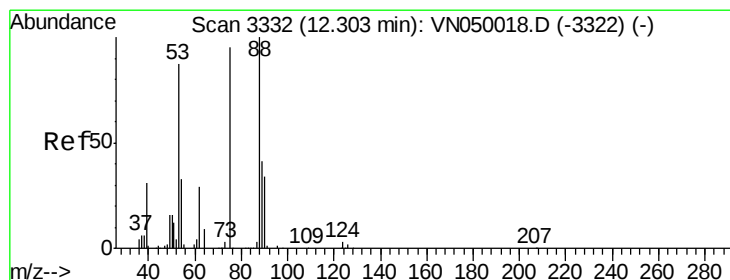
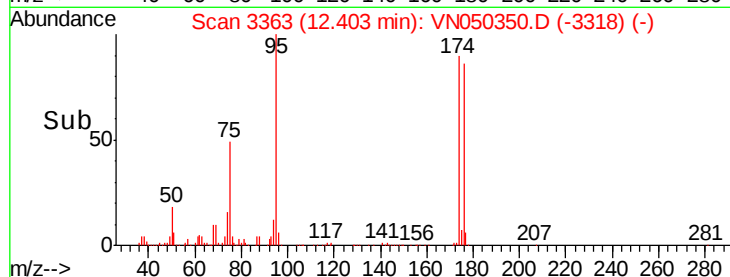
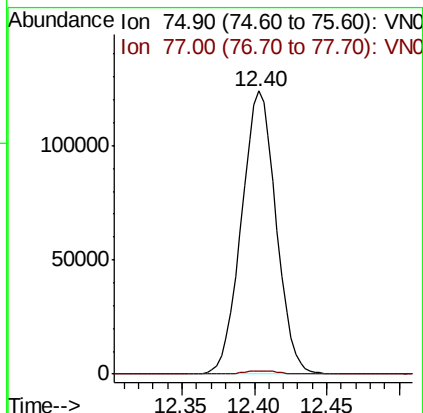
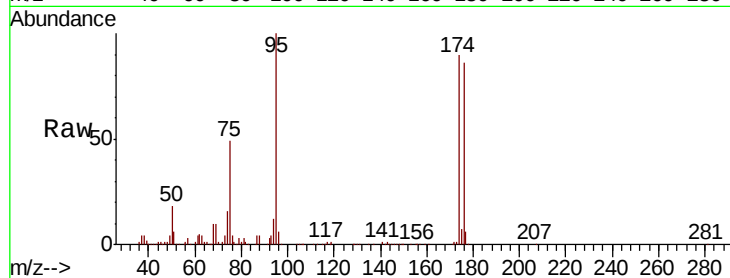
C-13

Tot Ion: 75 Resp: 204814

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

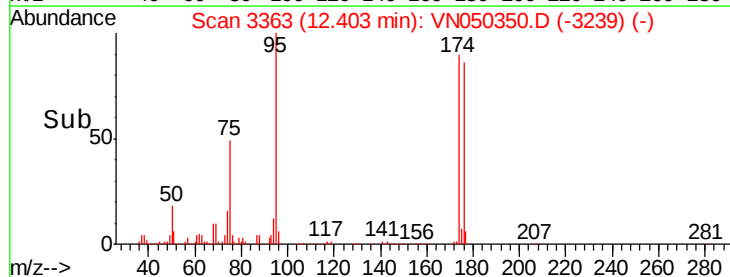
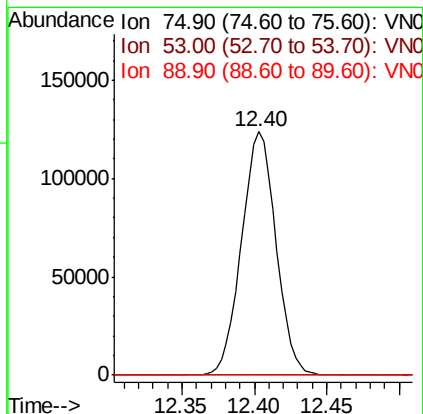
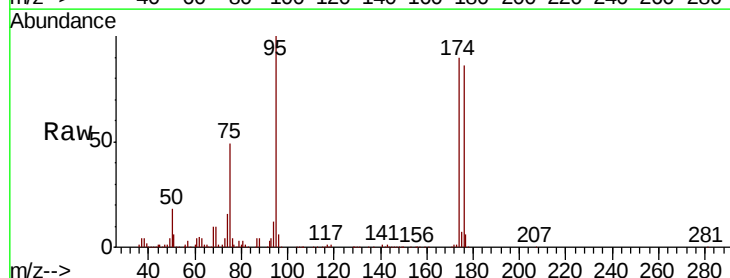
Tgt Ion: 75 Resp: 204814

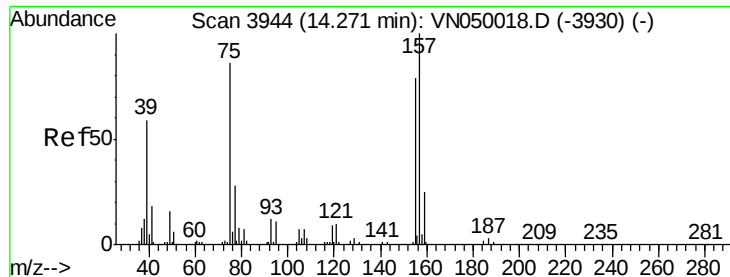
Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

89 0.0 36.0 54.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3947

Delta R.T. 0.01 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

Instrument :

MSVOA_N

ClientSampled :

C-13

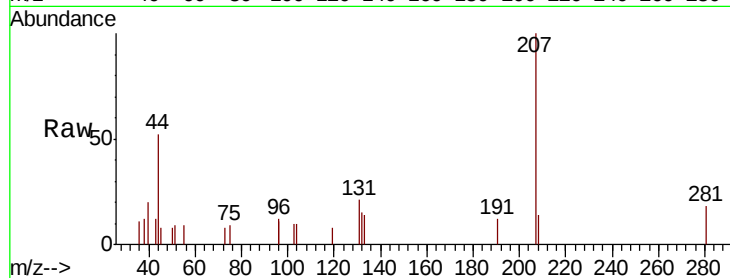
Tot Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#

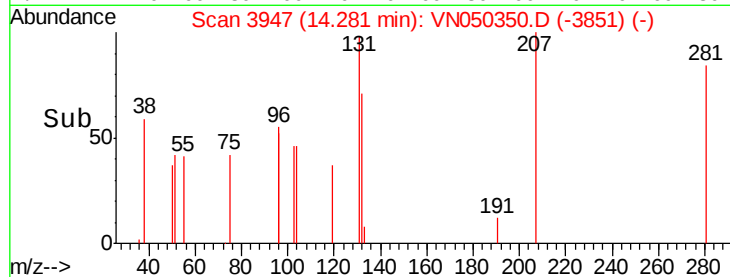


Abundance Ion 74.90 (74.60 to 75.60): VN050350.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050350.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050350.D (-3930) (-)

Time-->

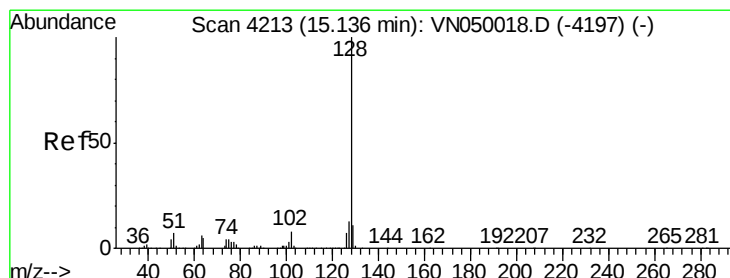


Abundance Ion 74.90 (74.60 to 75.60): VN050350.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050350.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050350.D (-3930) (-)

Time-->



#95

Naphthalene

Concen: 30.26 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050350.D

Acq: 4 Aug 2018 7:33

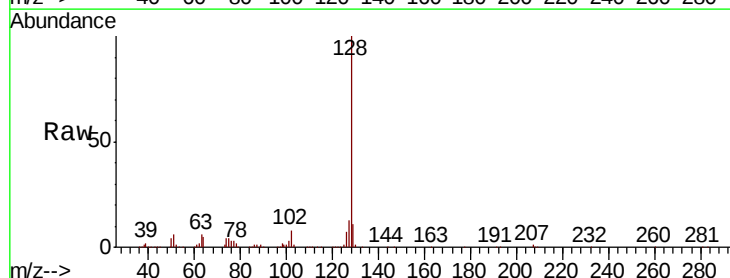
Tgt Ion: 128 Resp: 503439

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.1 8.8 13.2

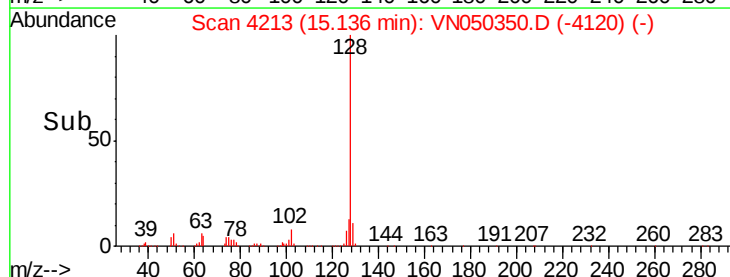


Abundance Ion 128.00 (127.70 to 128.70): VN050350.D (-4120) (-)

Ion 127.00 (126.70 to 127.70): VN050350.D (-4120) (-)

Ion 129.00 (128.70 to 129.70): VN050350.D (-4120) (-)

Time-->



Abundance Ion 128.00 (127.70 to 128.70): VN050350.D (-4120) (-)

Ion 127.00 (126.70 to 127.70): VN050350.D (-4120) (-)

Ion 129.00 (128.70 to 129.70): VN050350.D (-4120) (-)

Time-->