

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050382.D
 Acq On : 6 Aug 2018 14:36
 Operator : MD\SY
 Sample : VN0806WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL01

Quant Time: Aug 07 05:46:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	684842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	914812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	342721	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	455365	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
35) Dibromofluoromethane	7.59	113	405750	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	10.09	98	1483431	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.40	95	419683	38.80	ug/l	0.00
Spiked Amount			Recovery	=	77.60%	

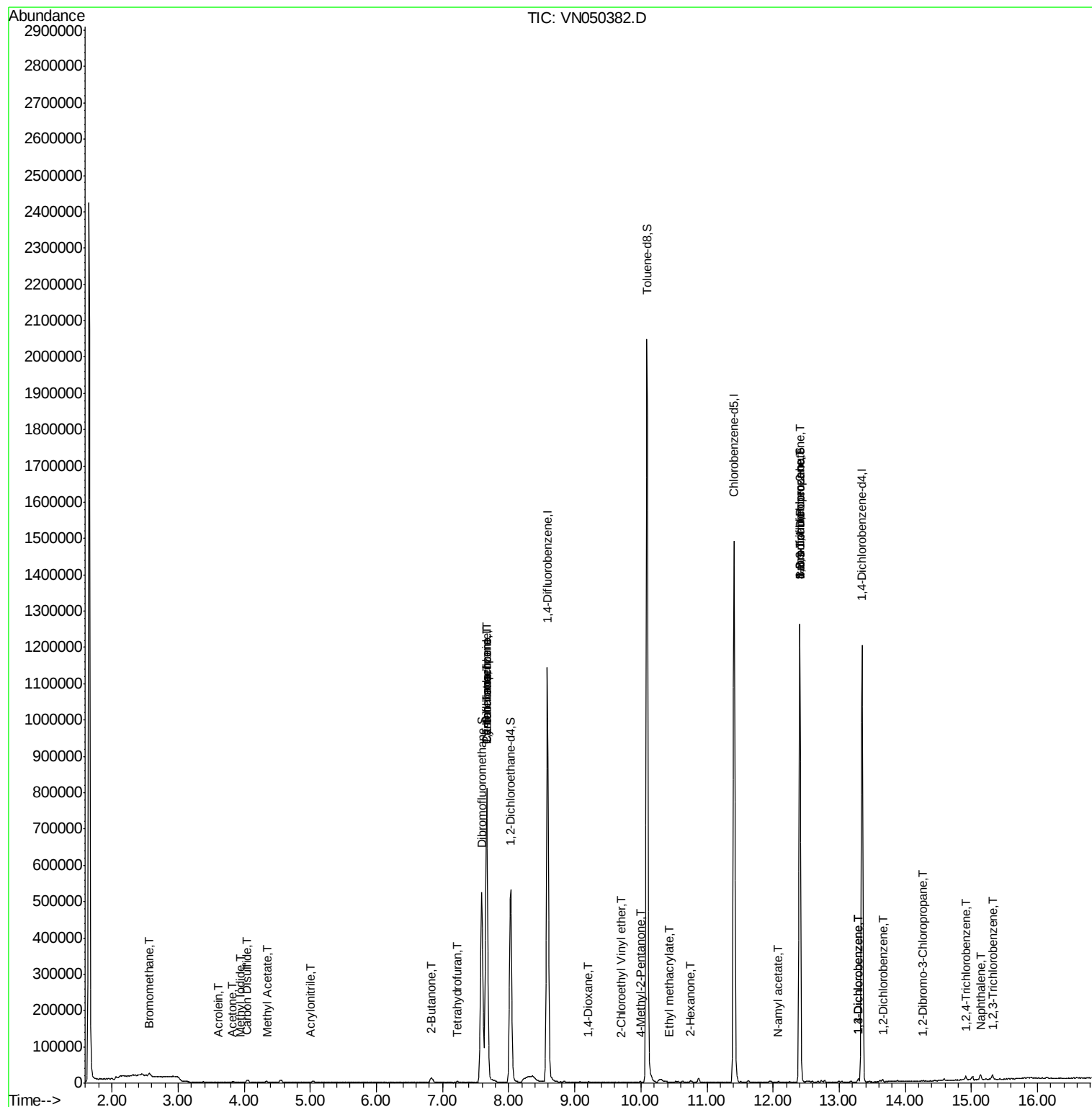
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4238	Below Cal		90
5) Bromomethane	2.57	94	4814	1.17 ug/l	#	77
10) Methyl Iodide	3.95	142	1307	0.38 ug/l	#	87
13) Acrolein	3.61	56	1387	16.39 ug/l	#	56
15) Acrylonitrile	4.99	53	838	0.27 ug/l	#	56
16) Acetone	3.83	43	1658	0.25 ug/l		94
17) Carbon Disulfide	4.05	76	12755	0.53 ug/l		97
18) Methyl Acetate	4.34	43	4783	0.48 ug/l	#	80
20) Methylene Chloride	4.55	84	4507	Below Cal		84
25) 2-Butanone	6.84	43	2287	0.50 ug/l		91
29) Tetrahydrofuran	7.21	42	1218	0.50 ug/l	#	81
31) Cyclohexane	7.67	56	12898	0.36 ug/l	#	1
36) 1,1-Dichloropropene	7.66	75	47156	4.08 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	61116	5.07 ug/l	#	17
49) 1,4-Dioxane	9.20	88	220	1.98 ug/l	#	41
51) 4-Methyl-2-Pentanone	9.99	43	3057	0.30 ug/l	#	70
56) Ethyl methacrylate	10.44	69	308	1.74 ug/l	#	68
58) 2-Chloroethyl Vinyl ether	9.70	63	375	7.46 ug/l	#	48
59) 2-Hexanone	10.75	43	2873	0.40 ug/l		97
71) Bromoform	12.41	173	3453	0.57 ug/l	#	1
74) N-amyl acetate	12.07	43	1815	0.22 ug/l	#	69
76) 1,2,3-Trichloropropane	12.40	75	201039	32.41 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	201039	113.86 ug/l	#	13
87) 1,3-Dichlorobenzene	13.28	146	2868	0.23 ug/l		98
88) 1,4-Dichlorobenzene	13.28	146	2868	0.23 ug/l		98
91) 1,2-Dichlorobenzene	13.65	146	3035	0.25 ug/l		95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	368	0.29 ug/l	#	52
93) 1,2,4-Trichlorobenzene	14.91	180	3707	0.59 ug/l		92
94) Hexachlorobutadiene	15.01	225	2143	Below Cal		95
95) Naphthalene	15.14	128	12704	4.33 ug/l		97
96) 1,2,3-Trichlorobenzene	15.32	180	4788	0.76 ug/l		93

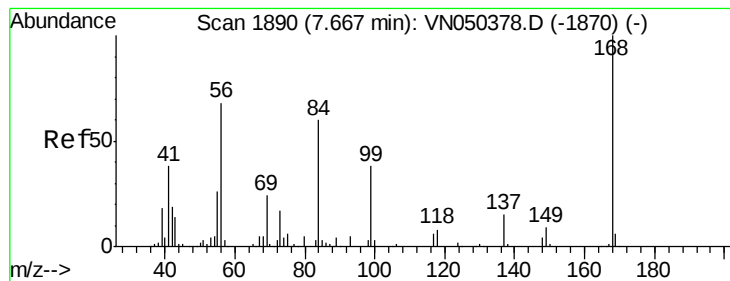
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

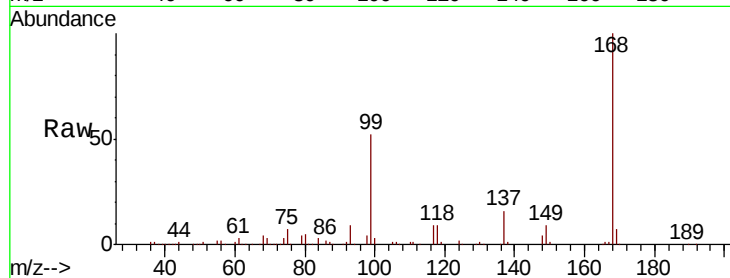
VN0806WBL01

Tot Ion:168 Resp: 684842

Ion Ratio Lower Upper

168 100

99 52.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

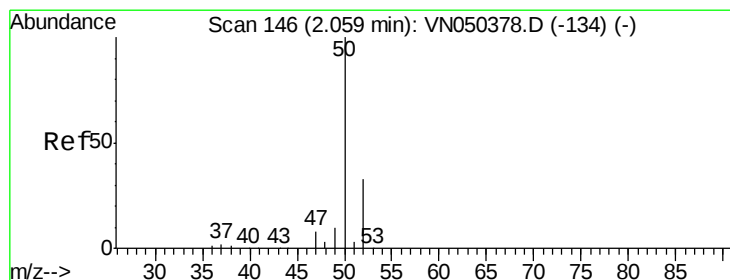
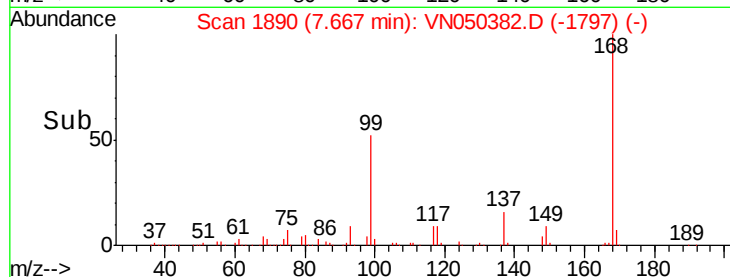
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050382.D

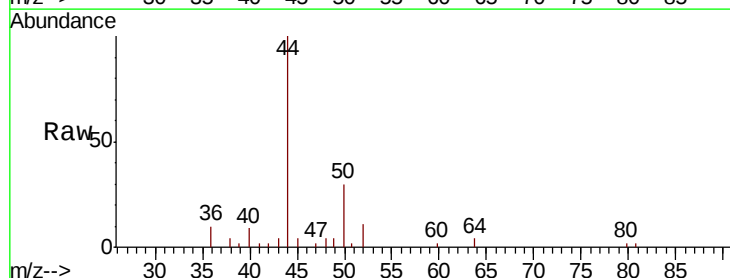
Acq: 6 Aug 2018 14:36

Tgt Ion: 50 Resp: 4238

Ion Ratio Lower Upper

50 100

52 37.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

3000

2500

2000

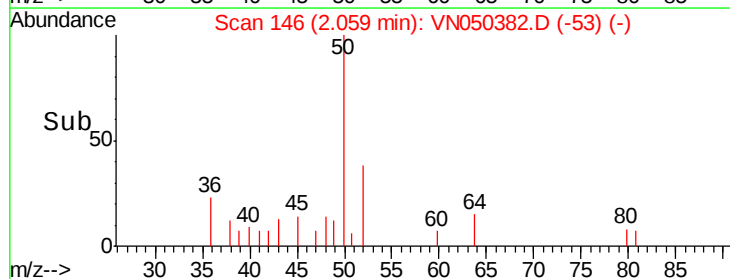
1500

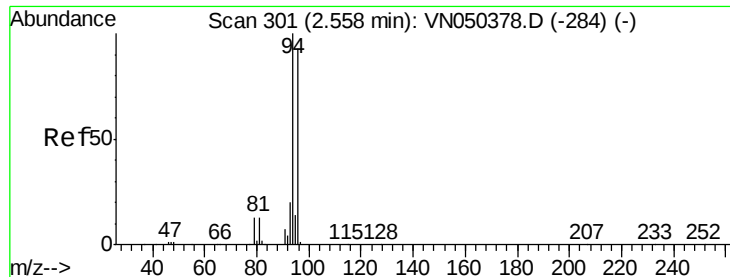
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.17 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

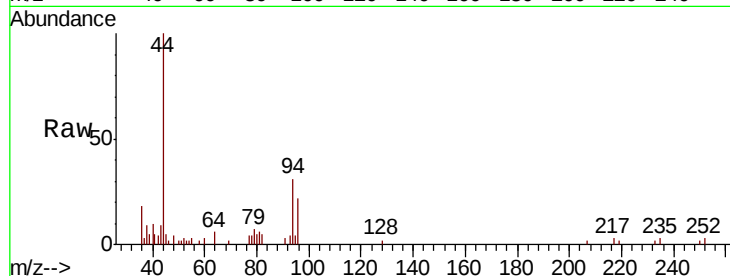
VN0806WBL01

Tot Ion: 94 Resp: 4814

Ion Ratio Lower Upper

94 100

96 70.7 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

2500

2000

1500

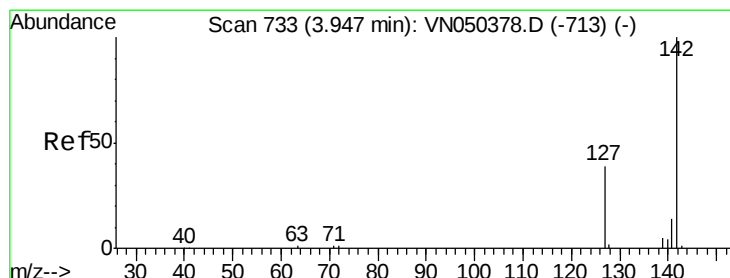
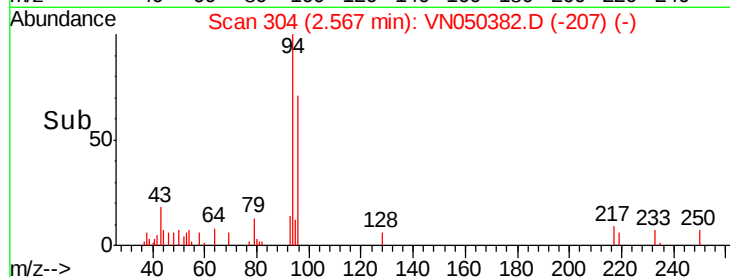
1000

500

0

Time-->

2.50 2.55 2.60



#10

Methyl Iodide

Concen: 0.38 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

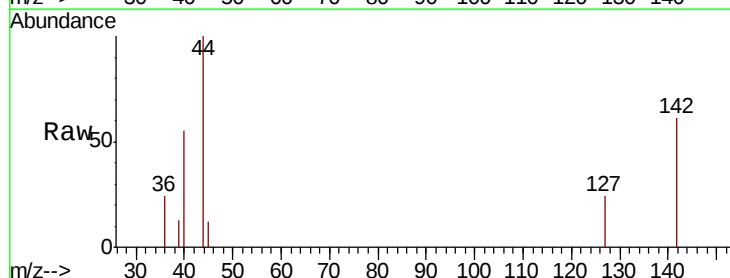
Tgt Ion: 142 Resp: 1307

Ion Ratio Lower Upper

142 100

127 37.6 33.4 50.2

141 2.4 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

1000

800

600

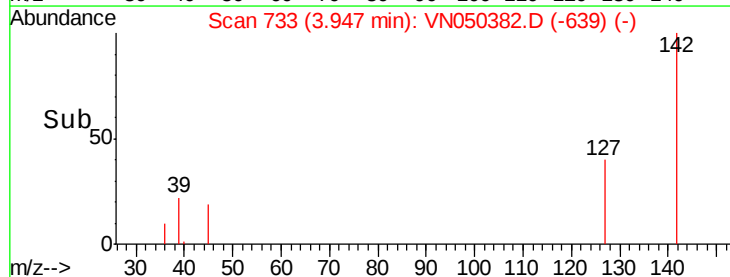
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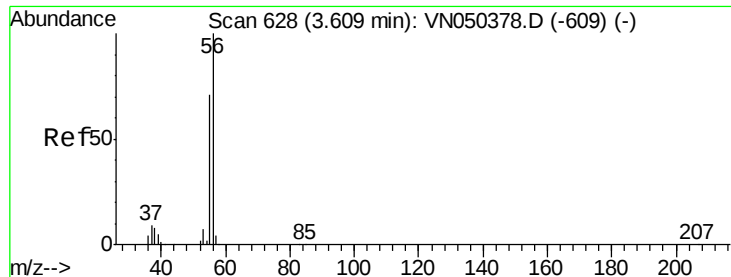
200

0

Time-->

3.90 3.92 3.94 3.96





#13

Acrolein

Concen: 16.39 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

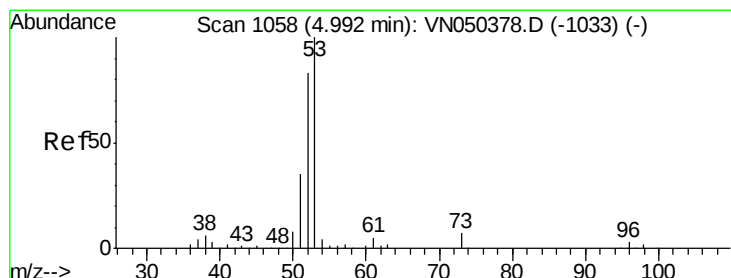
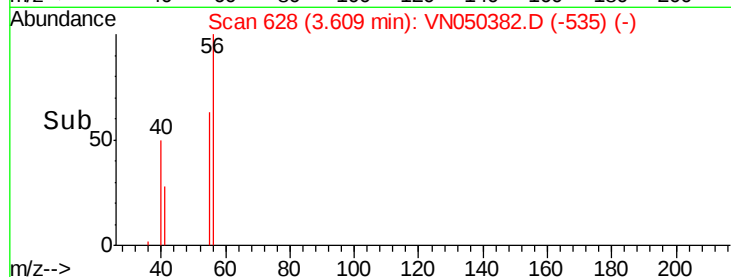
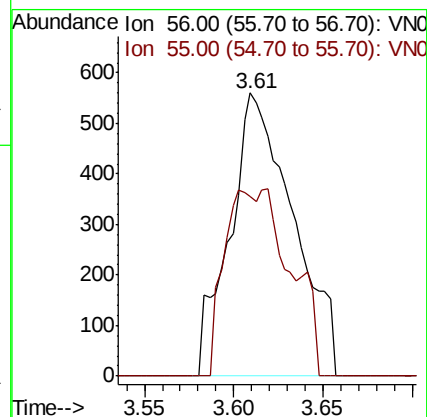
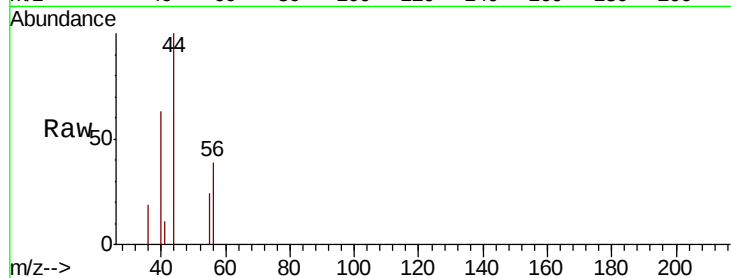
VN0806WBL01

Tot Ion: 56 Resp: 1387

Ion Ratio Lower Upper

56 100

55 33.8 55.8 83.6#



#15

Acrylonitrile

Concen: 0.27 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

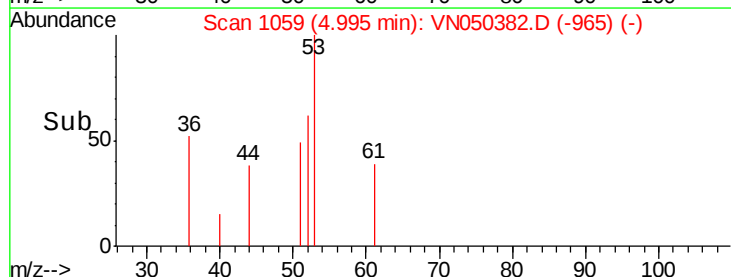
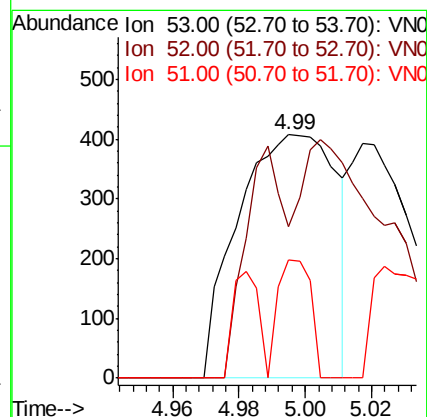
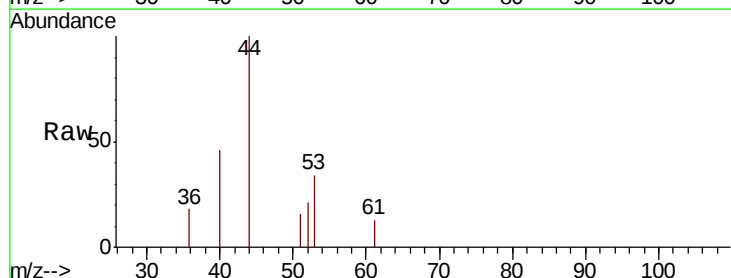
Tgt Ion: 53 Resp: 838

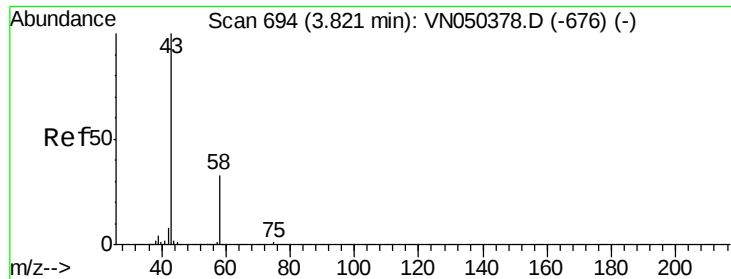
Ion Ratio Lower Upper

53 100

52 38.9 66.2 99.2#

51 16.3 29.3 43.9#





#16

Acetone

Concen: 0.25 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

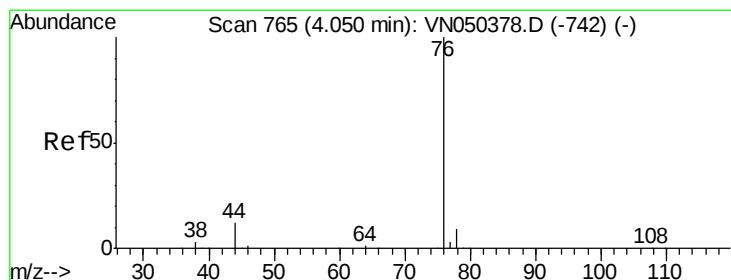
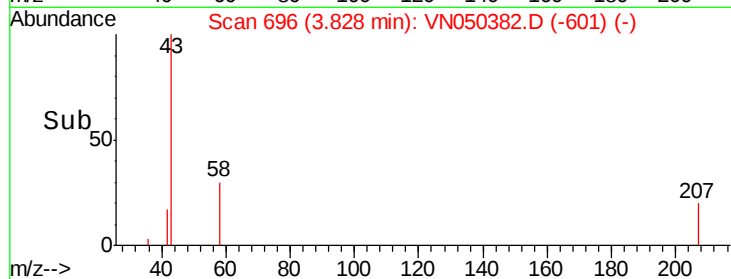
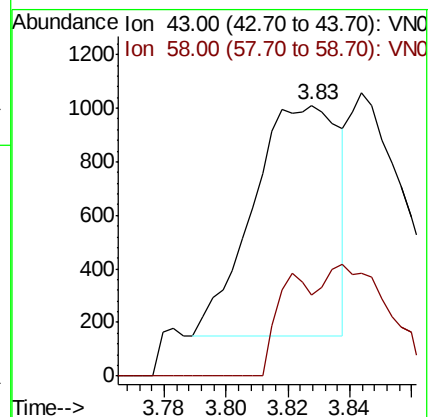
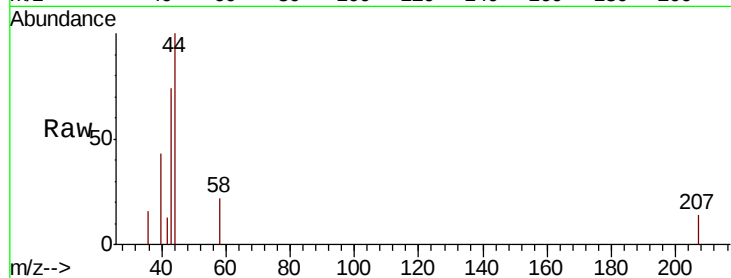
VN0806WBL01

Tot Ion: 43 Resp: 1658

Ion Ratio Lower Upper

43 100

58 35.5 25.8 38.8



#17

Carbon Disulfide

Concen: 0.53 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050382.D

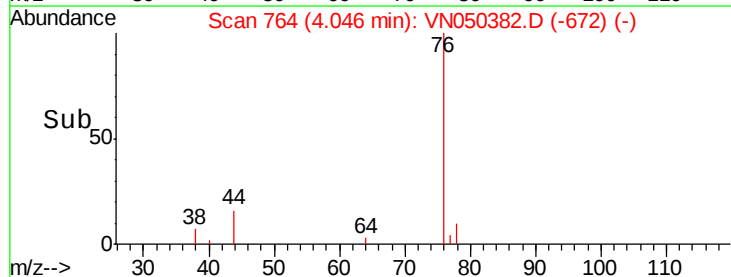
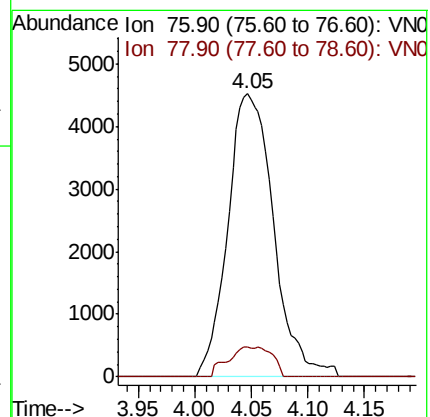
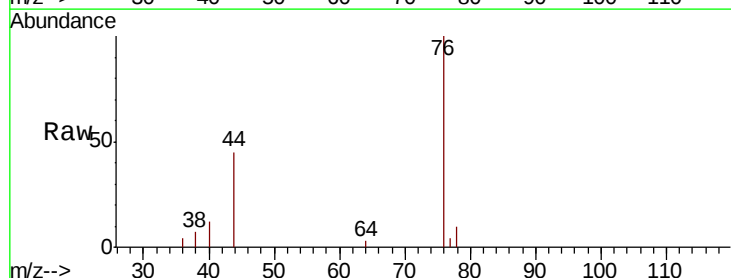
Acq: 6 Aug 2018 14:36

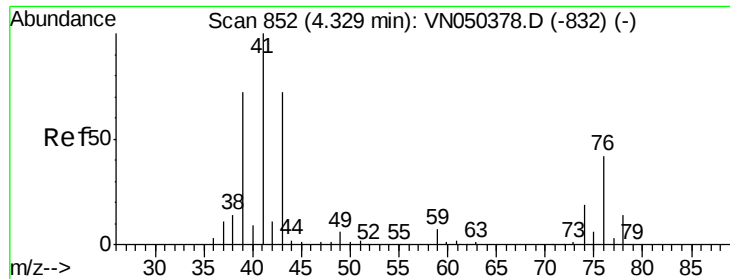
Tgt Ion: 76 Resp: 12755

Ion Ratio Lower Upper

76 100

78 10.3 7.3 10.9

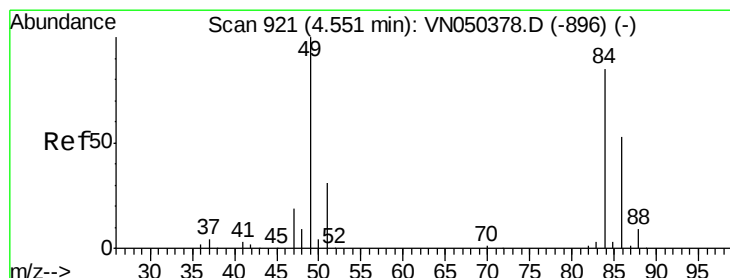
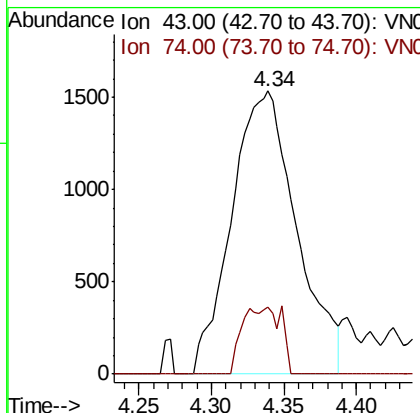
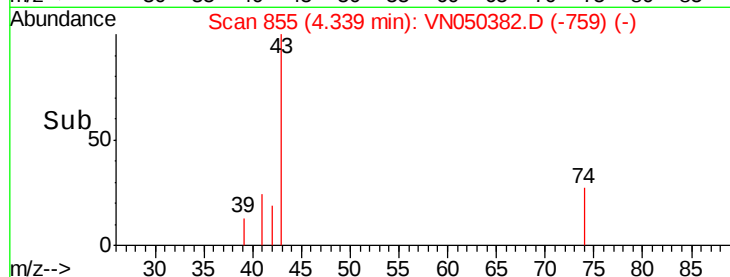
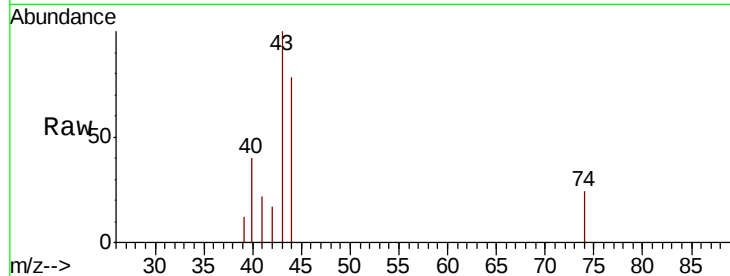




#18
Methyl Acetate
Concen: 0.48 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050382.D
Acq: 6 Aug 2018 14:36

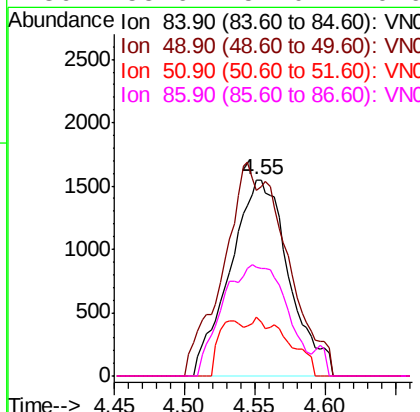
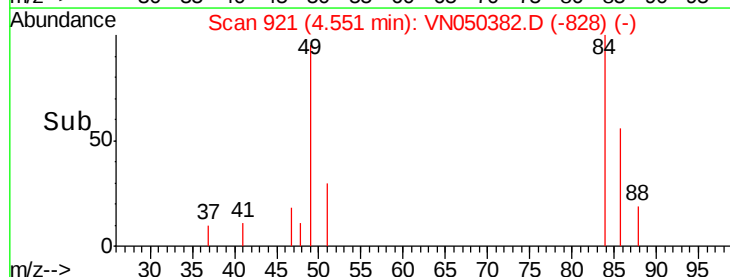
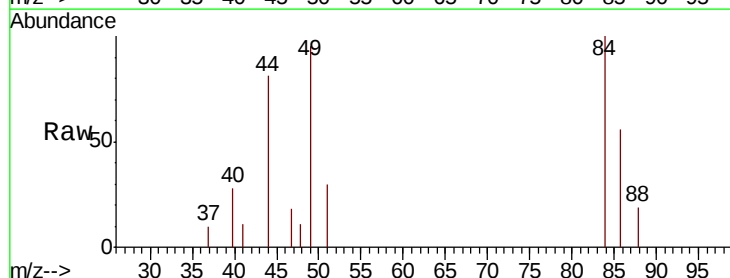
Instrument :
MSVOA_N
ClientSampled :
VN0806WBL01

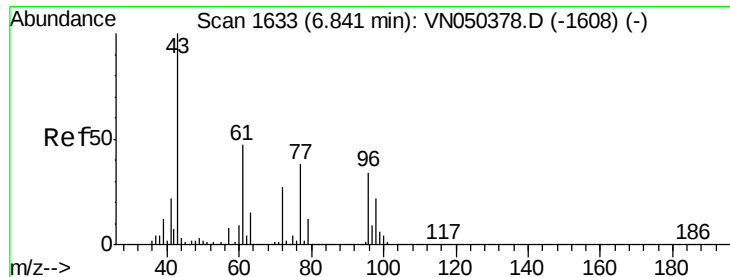
Tot Ion: 43 Resp: 4783
Ion Ratio Lower Upper
43 100
74 14.2 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050382.D
Acq: 6 Aug 2018 14:36

Tgt Ion: 84 Resp: 4507
Ion Ratio Lower Upper
84 100
49 94.9 94.8 142.2
51 30.0 28.3 42.5
86 55.6 51.0 76.6

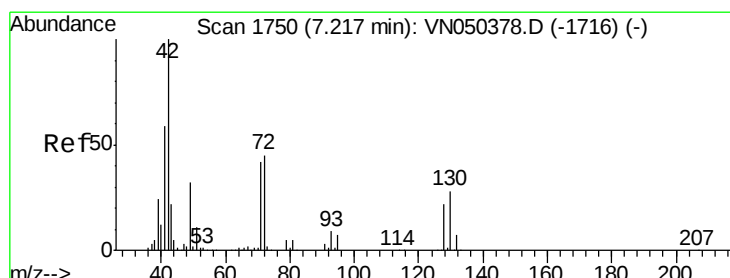
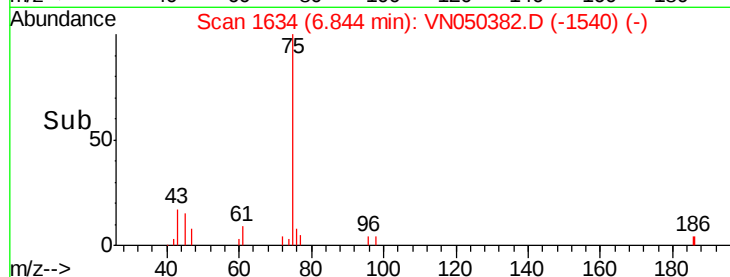
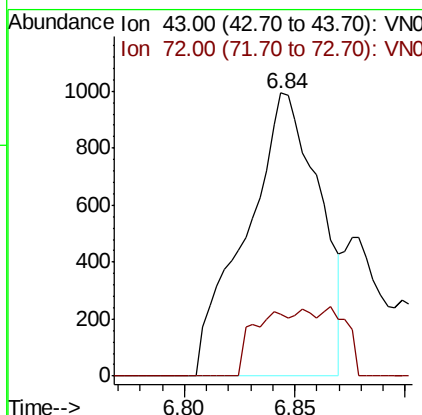
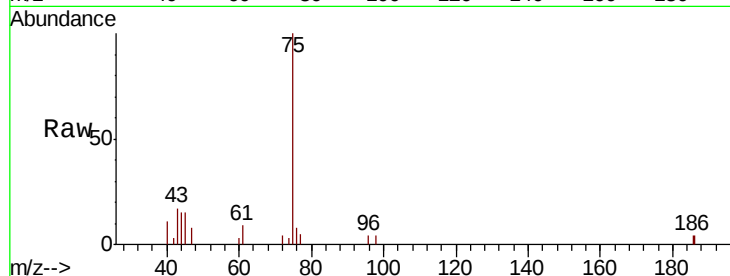




#25
2-Butanone
Concen: 0.50 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050382.D
Acq: 6 Aug 2018 14:36

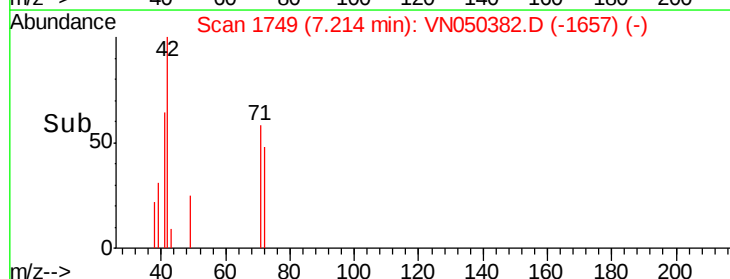
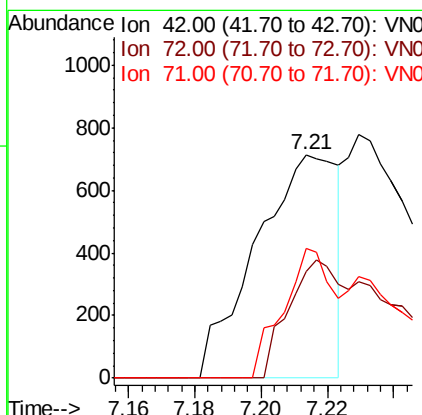
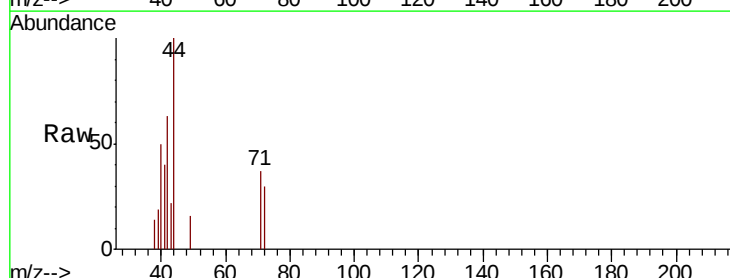
Instrument :
MSVOA_N
ClientSampled :
VN0806WBL01

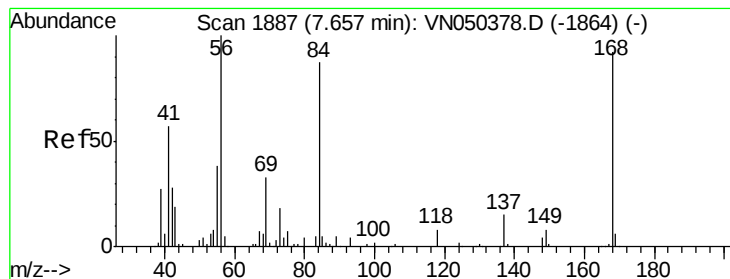
Tot Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
72 22.1 21.5 32.3



#29
Tetrahydrofuran
Concen: 0.50 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN050382.D
Acq: 6 Aug 2018 14:36

Tgt Ion: 42 Resp: 1218
Ion Ratio Lower Upper
42 100
72 62.7 35.9 53.9#
71 35.3 33.7 50.5





#31

Cyclohexane

Concen: 0.36 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL01

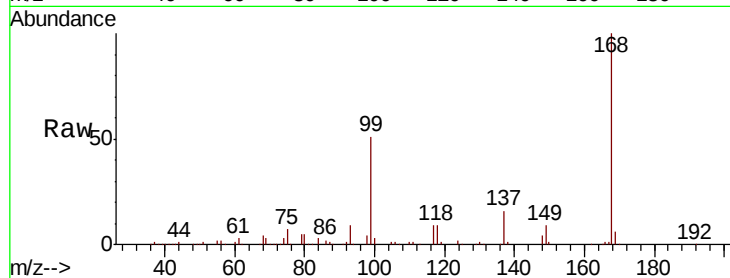
Tot Ion: 56 Resp: 12898

Ion Ratio Lower Upper

56 100

69 187.1 26.2 39.4#

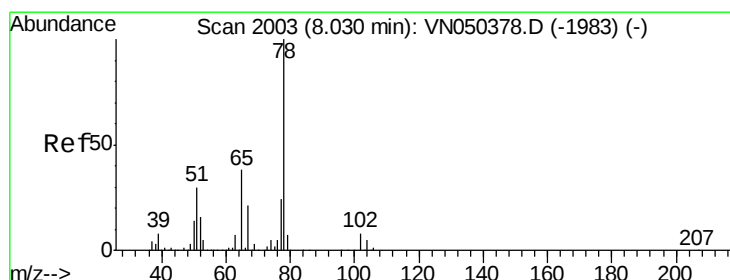
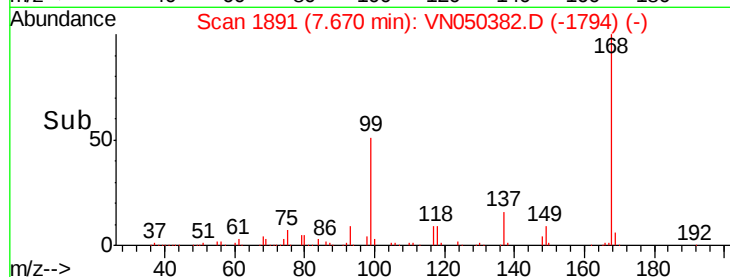
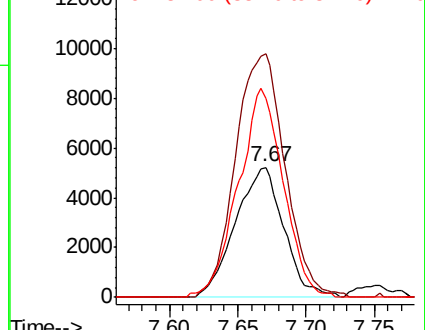
84 152.8 67.4 101.0#



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: 49.77 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050382.D

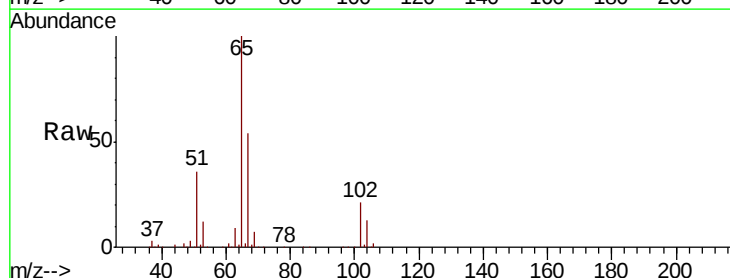
Acq: 6 Aug 2018 14:36

Tgt Ion: 65 Resp: 455365

Ion Ratio Lower Upper

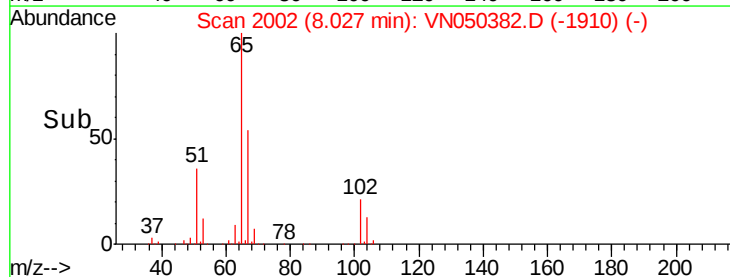
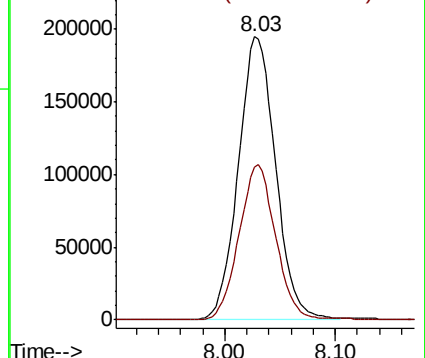
65 100

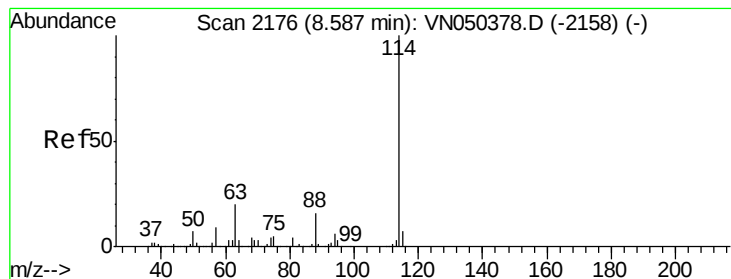
67 54.0 0.0 108.4



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# 2176

Delta R.T. -0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL01

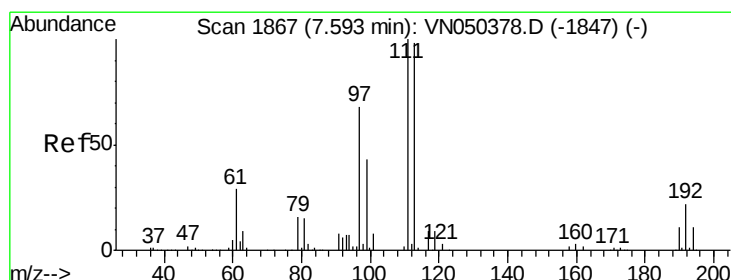
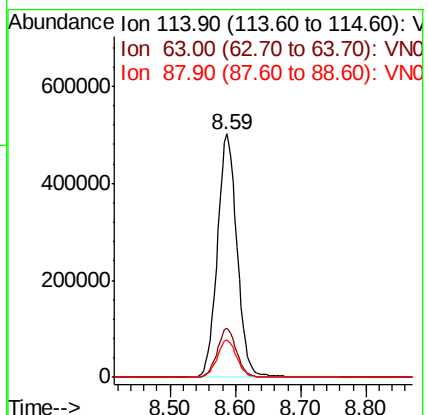
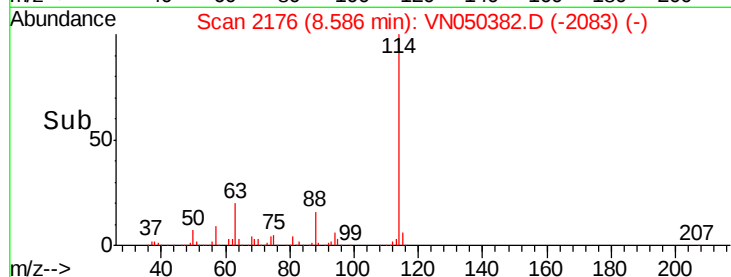
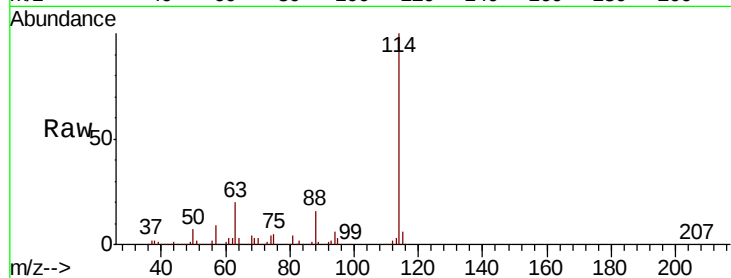
Tot Ion:114 Resp: 1051930

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.6 0.0 31.2



#35

Dibromofluoromethane

Concen: 48.07 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

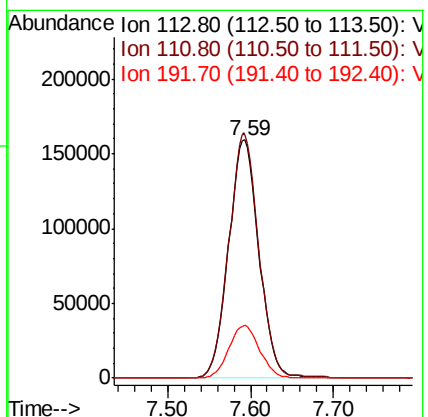
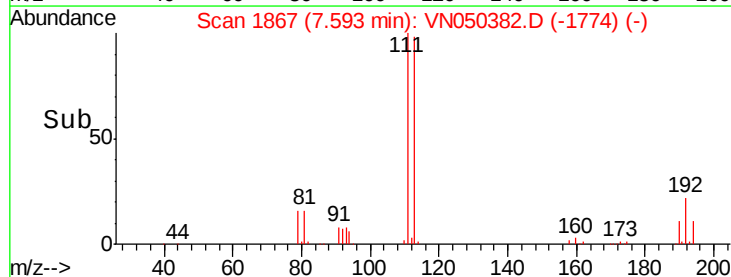
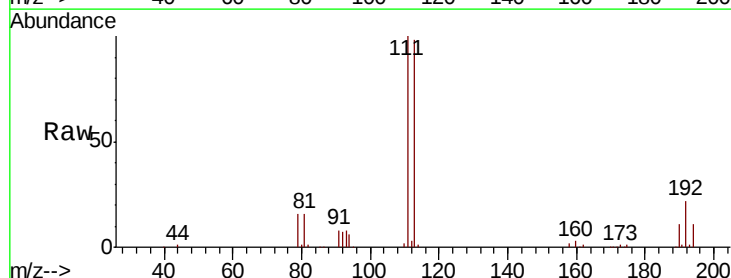
Tgt Ion:113 Resp: 405750

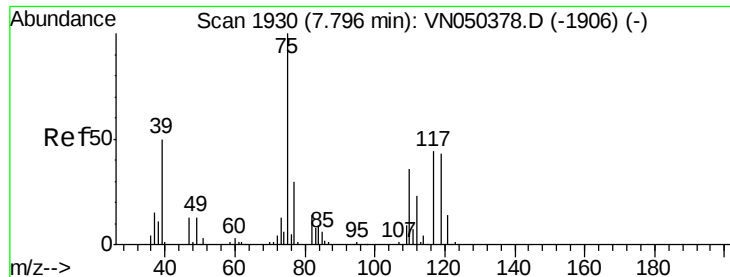
Ion Ratio Lower Upper

113 100

111 101.8 80.7 121.1

192 22.4 17.8 26.6

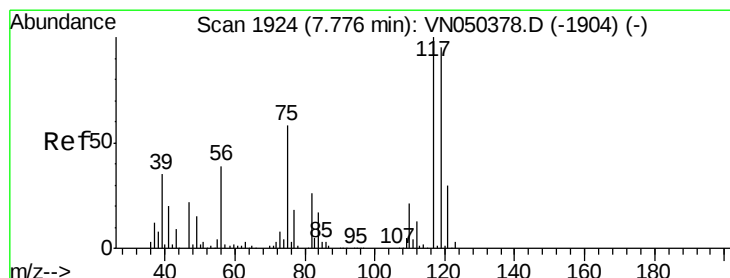
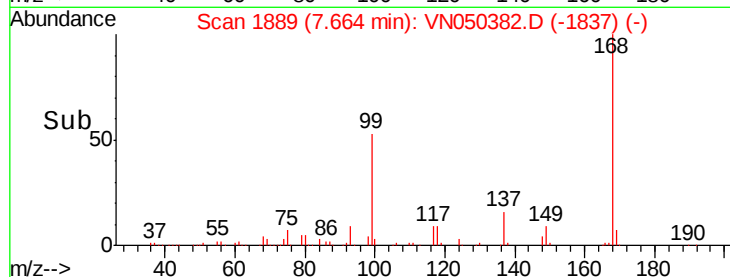
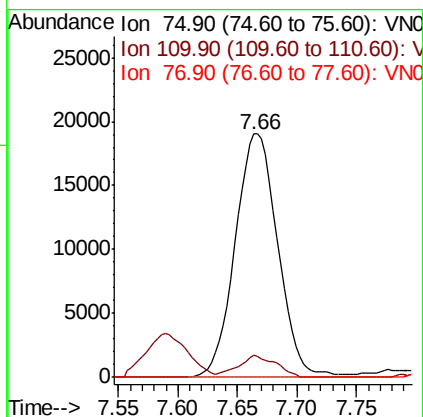
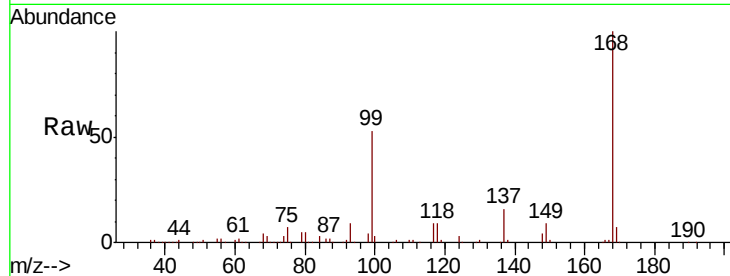




#36
 1,1-Dichloropropene
 Concen: 4.08 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN050382.D
 Acq: 6 Aug 2018 14:36

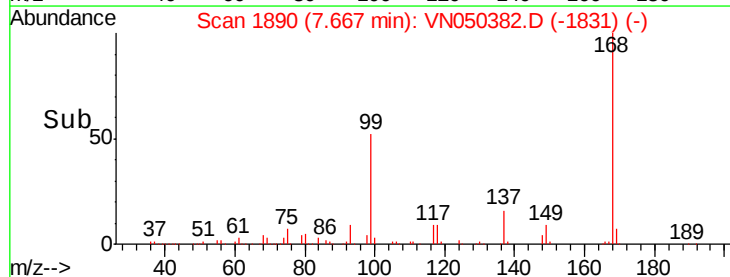
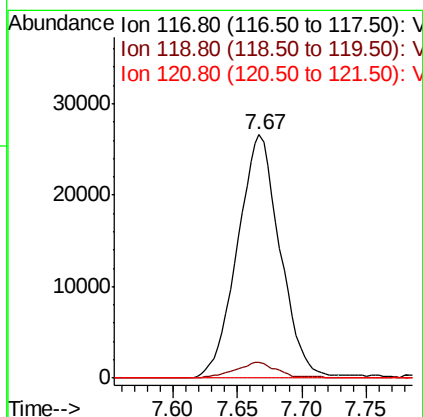
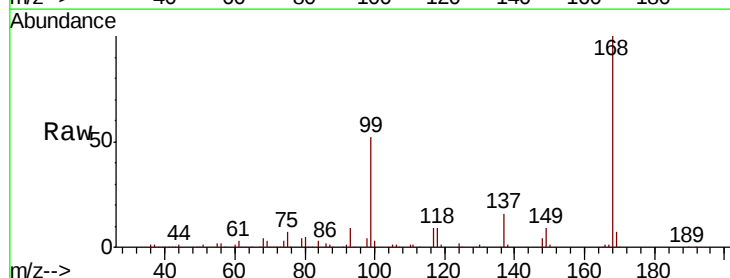
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL01

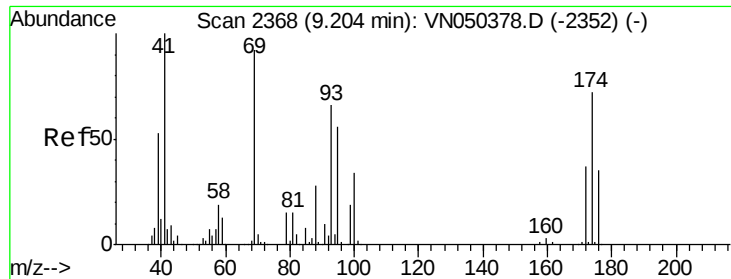
Tot Ion: 75 Resp: 47156
 Ion Ratio Lower Upper
 75 100
 110 8.0 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.07 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050382.D
 Acq: 6 Aug 2018 14:36

Tgt Ion: 117 Resp: 61116
 Ion Ratio Lower Upper
 117 100
 119 6.6 77.4 116.0#
 121 0.0 23.9 35.9#





#49

1,4-Dioxane

Concen: 1.98 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampled :

VN0806WBL01

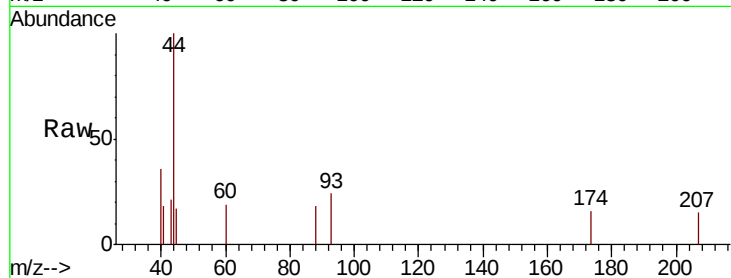
Tot Ion: 88 Resp: 220

Ion Ratio Lower Upper

88 100

43 32.7 26.9 40.3

58 0.0 57.3 85.9#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

500

400

300

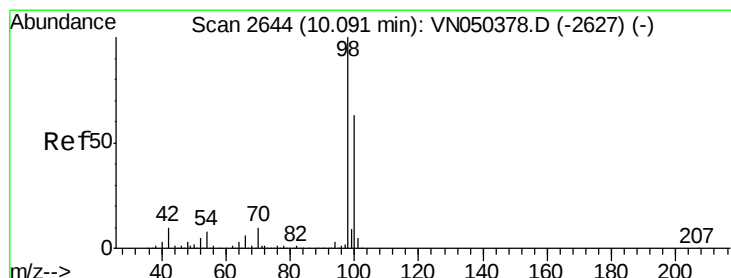
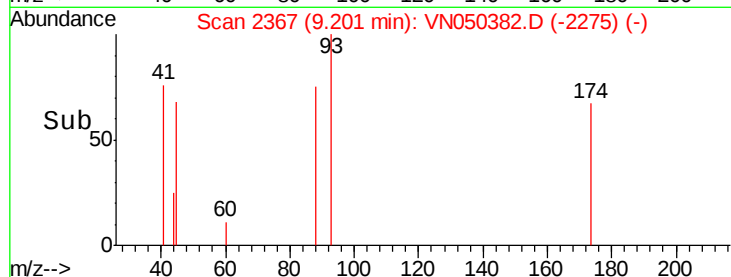
200

100

0

9.18 9.19 9.20 9.21

Time-->



#50

Toluene-d8

Concen: 46.74 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050382.D

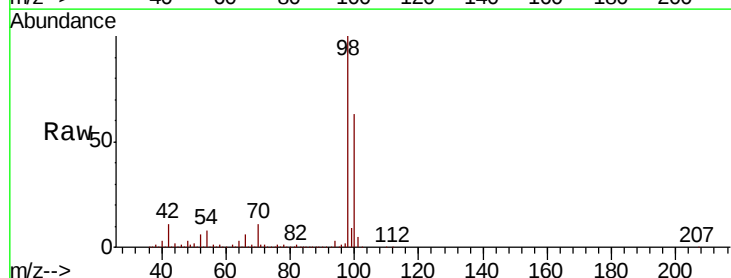
Acq: 6 Aug 2018 14:36

Tgt Ion: 98 Resp: 1483431

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

800000

600000

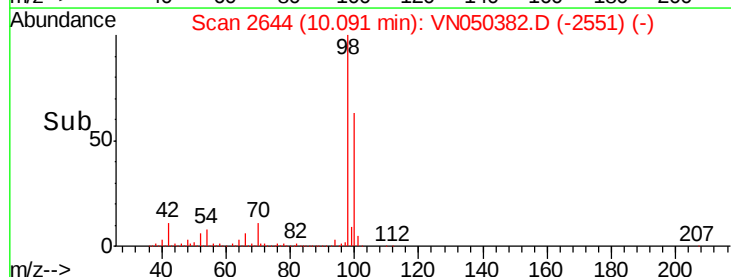
400000

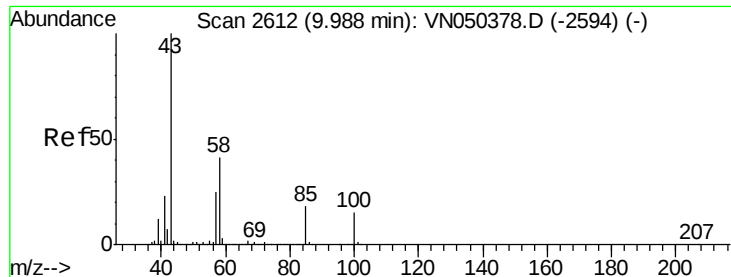
200000

0

10.00 10.10 10.20 10.30

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.30 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampled :

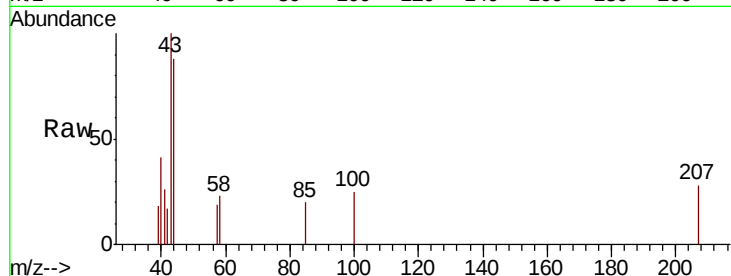
VN0806WBL01

Tot Ion: 43 Resp: 3057

Ion Ratio Lower Upper

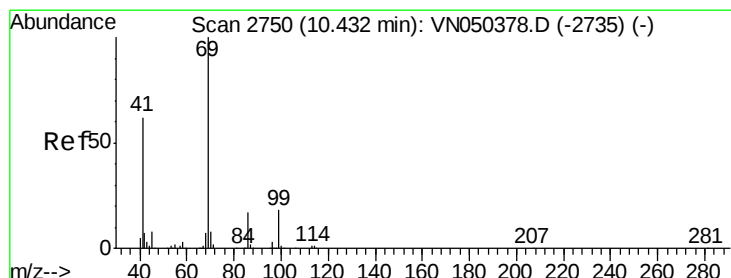
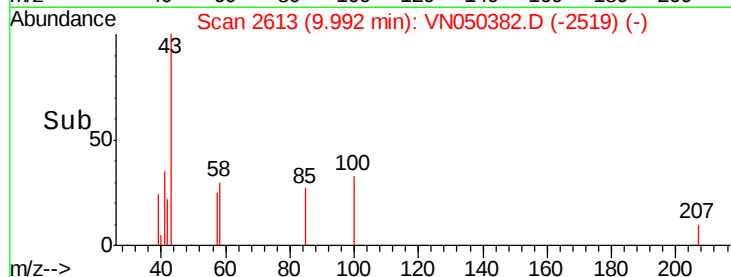
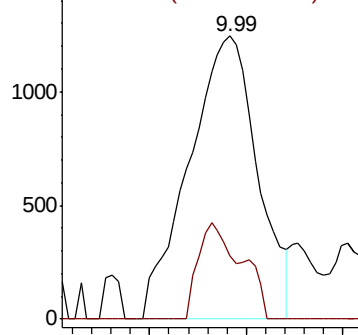
43 100

58 21.7 31.9 47.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#56

Ethyl methacrylate

Concen: 1.74 ug/l

RT: 10.44 min Scan# 2752

Delta R.T. 0.01 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

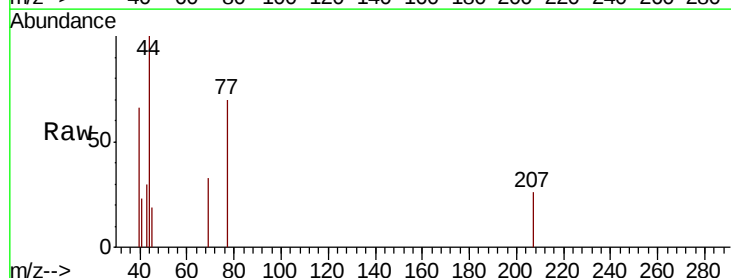
Tgt Ion: 69 Resp: 308

Ion Ratio Lower Upper

69 100

41 92.5 51.0 76.4#

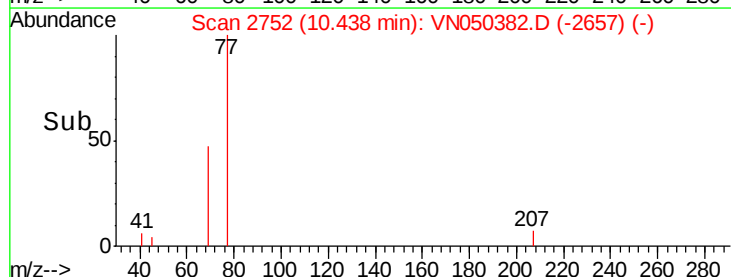
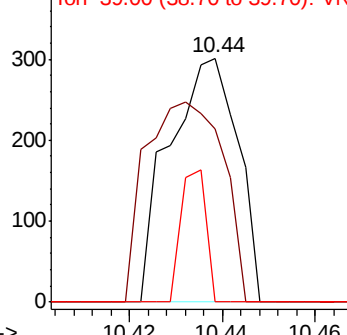
39 19.8 26.6 40.0#

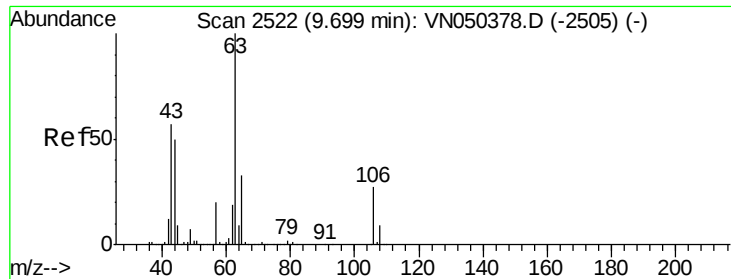


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

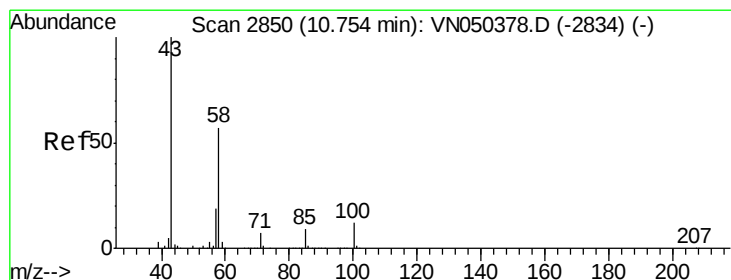
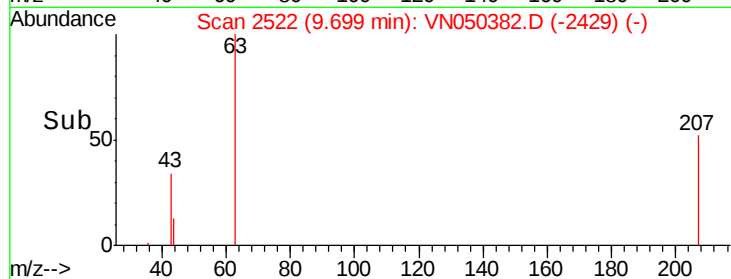
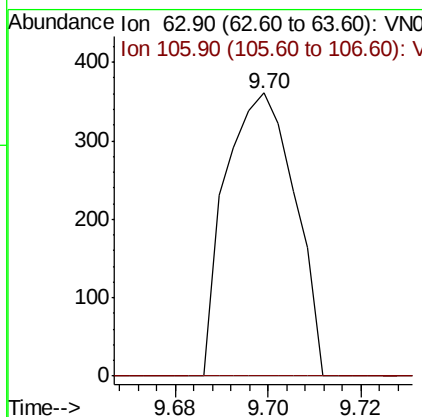
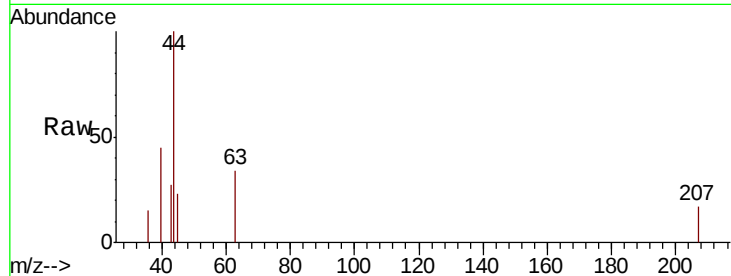




#58
2-Chloroethyl Vinyl ether
Concen: 7.46 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VN050382.D
Acq: 6 Aug 2018 14:36

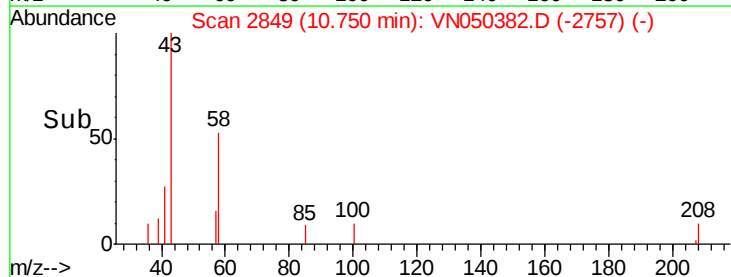
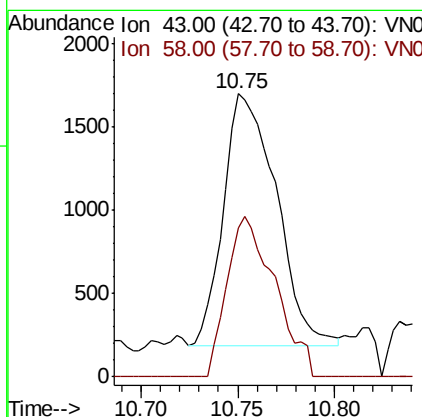
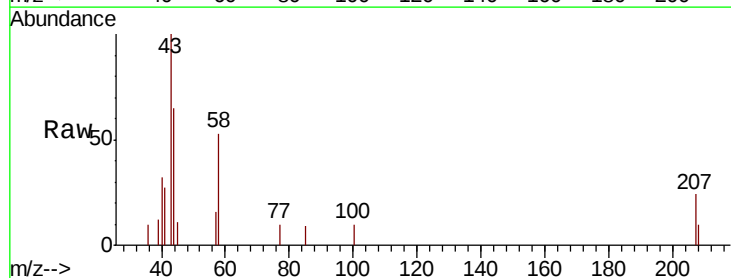
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBL01

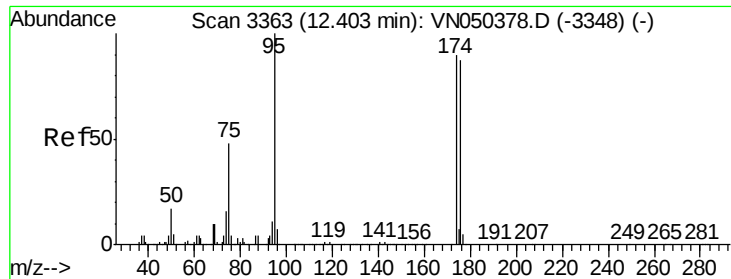
Tot Ion: 63 Resp: 375
Ion Ratio Lower Upper
63 100
106 0.0 21.7 32.5#



#59
2-Hexanone
Concen: 0.40 ug/l
RT: 10.75 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VN050382.D
Acq: 6 Aug 2018 14:36

Tgt Ion: 43 Resp: 2873
Ion Ratio Lower Upper
43 100
58 57.6 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 38.80 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL01

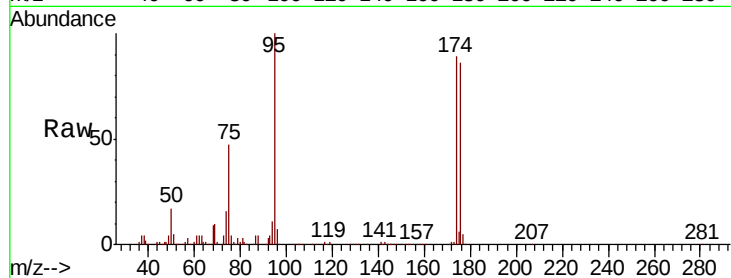
Tot Ion: 95 Resp: 419683

Ion Ratio Lower Upper

95 100

174 90.4 0.0 178.2

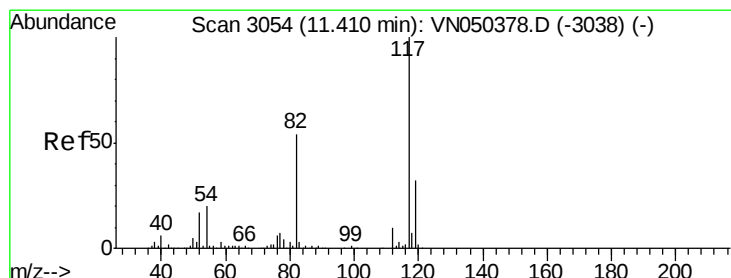
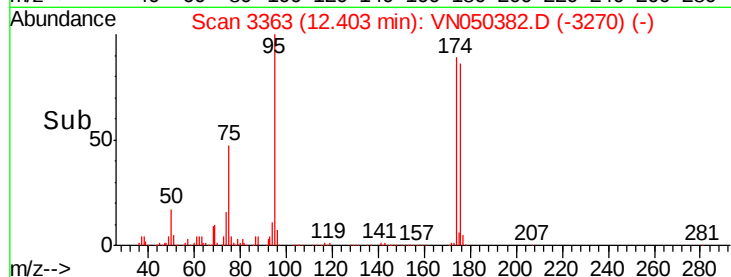
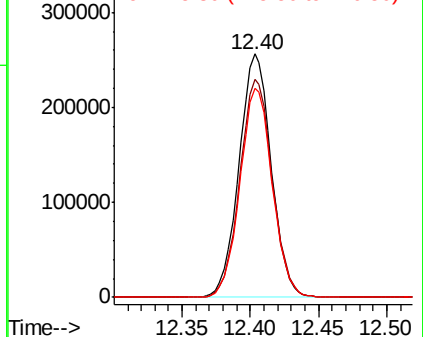
176 86.4 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

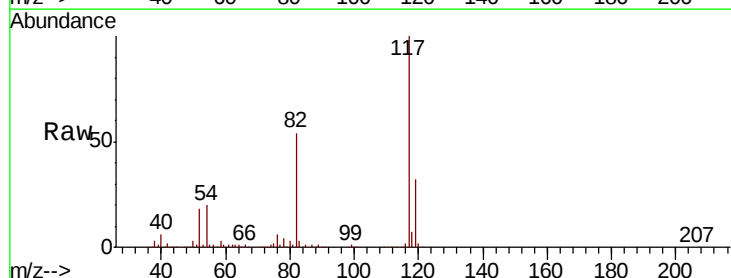
Tgt Ion: 117 Resp: 914812

Ion Ratio Lower Upper

117 100

82 53.7 43.7 65.5

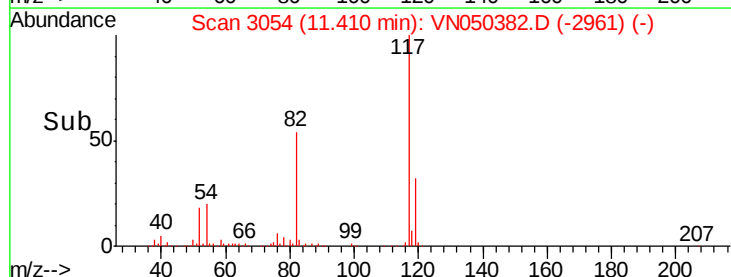
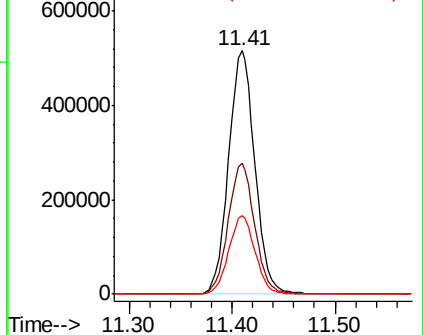
119 32.5 26.1 39.1

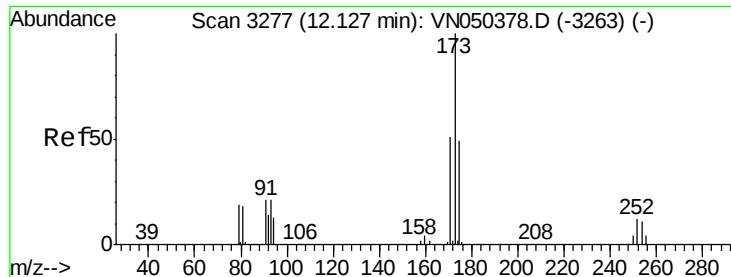


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.57 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL01

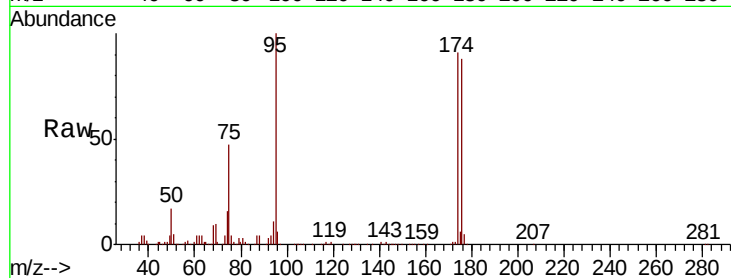
Tot Ion:173 Resp: 3453

Ion Ratio Lower Upper

173 100

175 654.5 24.1 72.2#

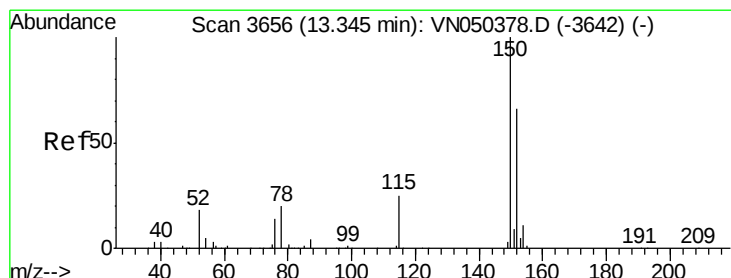
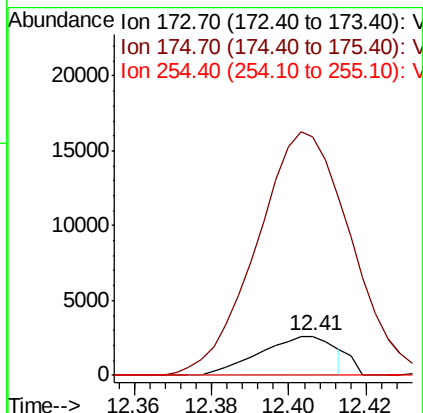
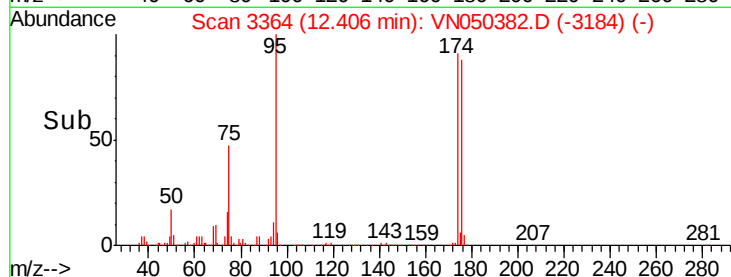
254 0.0 0.2 0.2#



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: VN050382.D

Acq: 6 Aug 2018 14:36

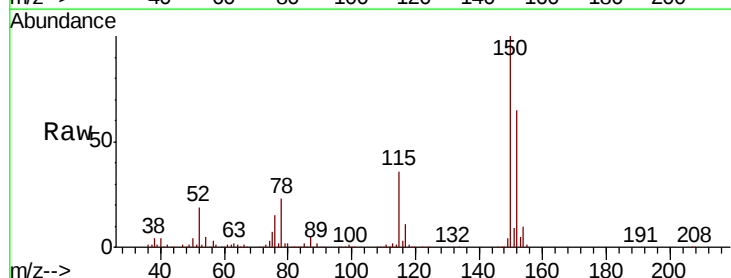
Tgt Ion:152 Resp: 342721

Ion Ratio Lower Upper

152 100

115 55.0 27.8 83.3

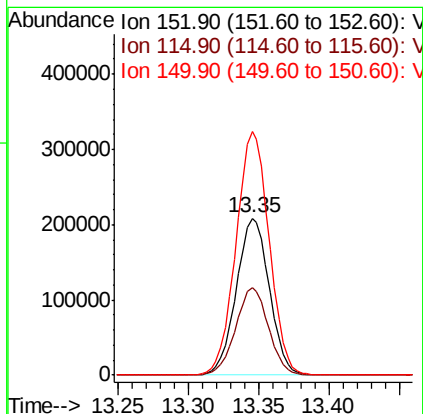
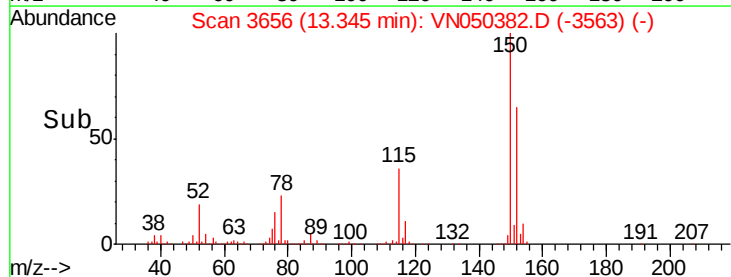
150 155.5 0.0 348.6

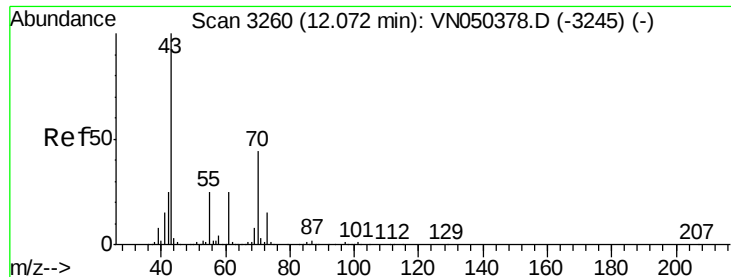


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.22 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampled :

VN0806WBL01

Tot Ion: 43 Resp: 1815

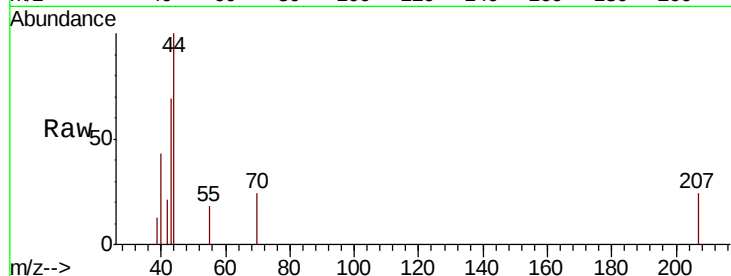
Ion Ratio Lower Upper

43 100

70 22.6 34.4 51.6#

55 14.7 20.8 31.2#

61 5.6 19.7 29.5#

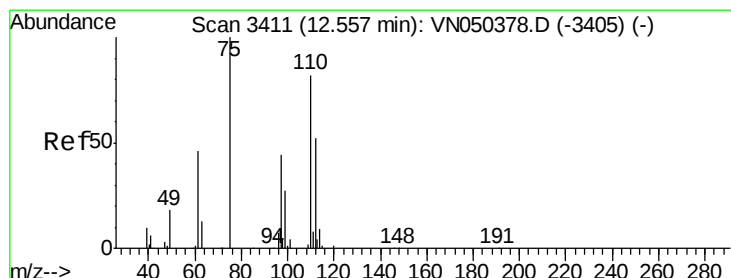
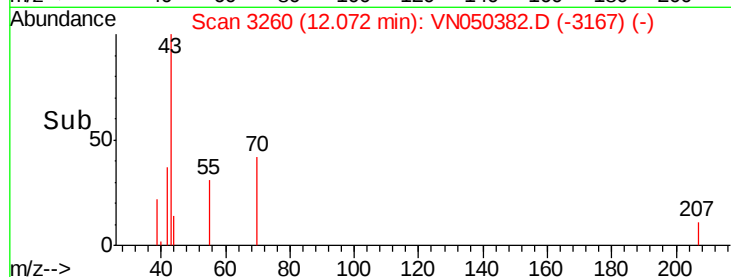
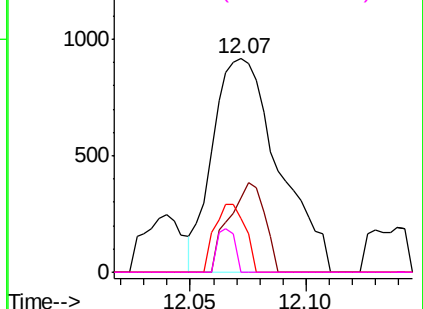


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 32.41 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050382.D

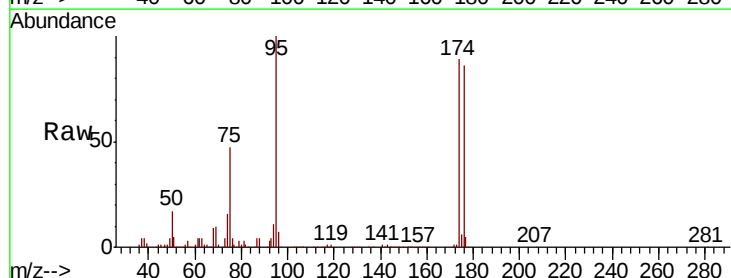
Acq: 6 Aug 2018 14:36

Tgt Ion: 75 Resp: 201039

Ion Ratio Lower Upper

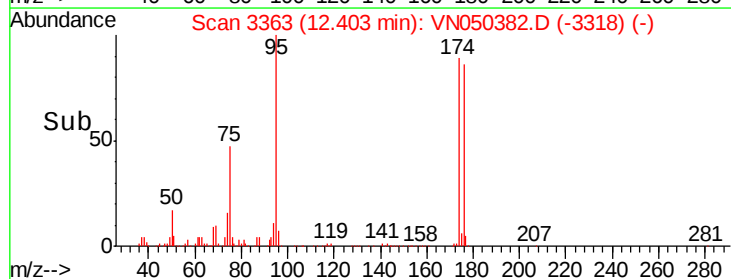
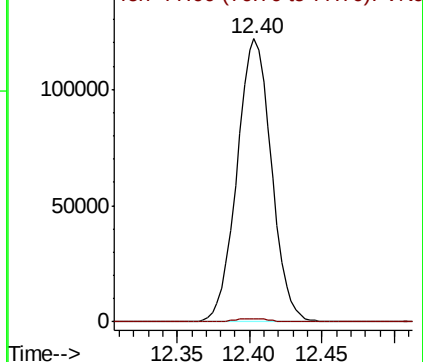
75 100

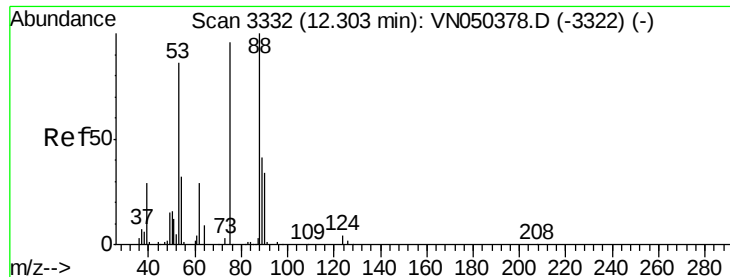
77 1.3 0.0 0.0#



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: 113.86 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL01

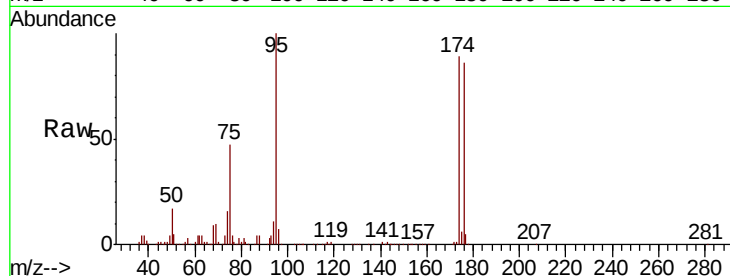
Tot Ion: 75 Resp: 201039

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

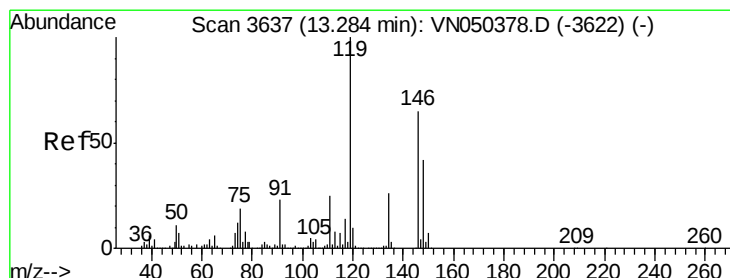
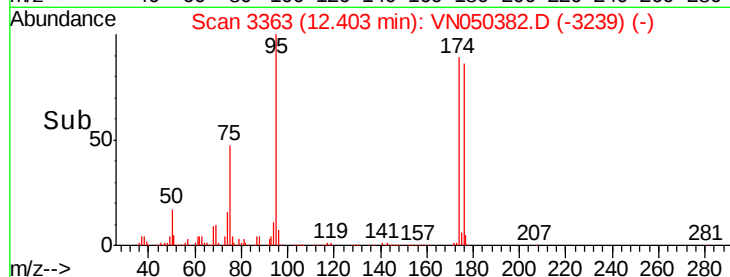
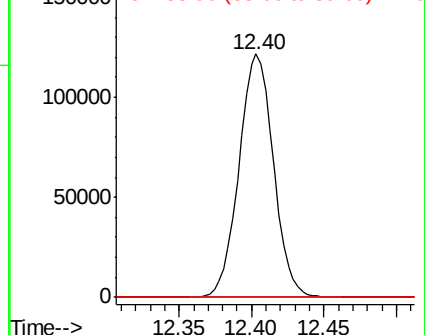
89 0.0 36.0 54.0#



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



#87

1,3-Dichlorobenzene

Concen: 0.23 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

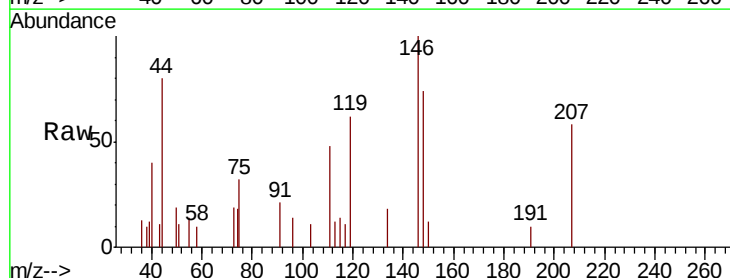
Tgt Ion: 146 Resp: 2868

Ion Ratio Lower Upper

146 100

111 34.7 18.8 56.4

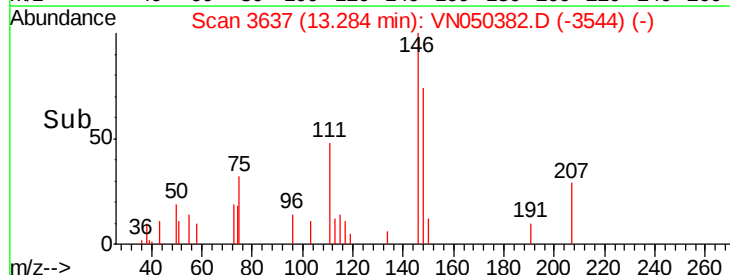
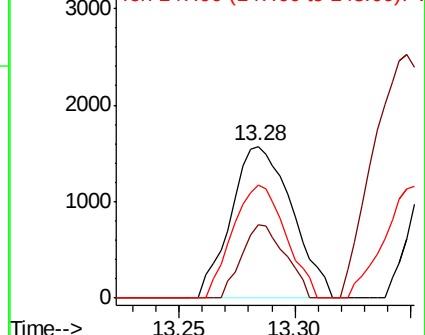
148 64.6 31.9 95.9

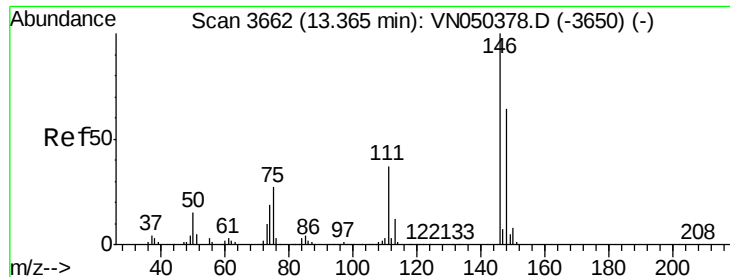


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

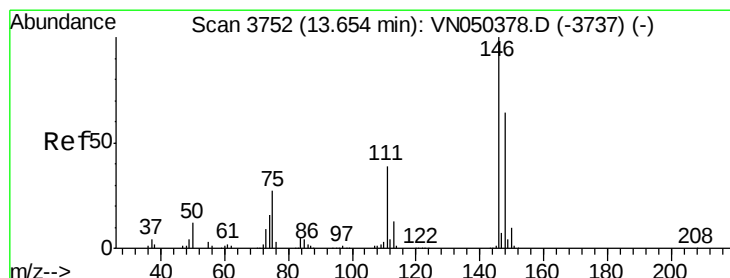
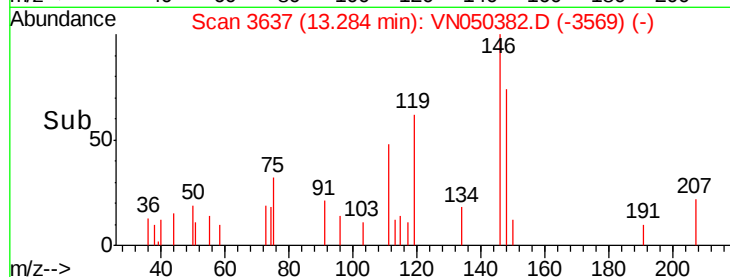
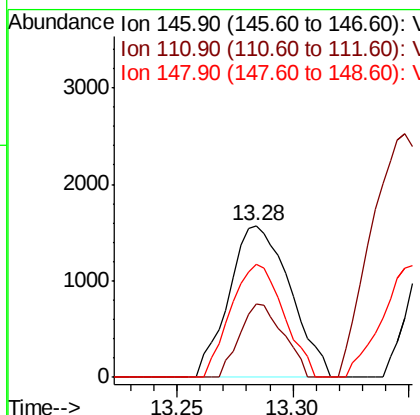
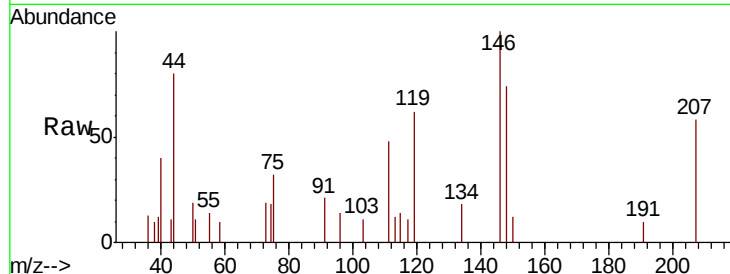




#88
 1,4-Dichlorobenzene
 Concen: 0.23 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN050382.D
 Acq: 6 Aug 2018 14:36

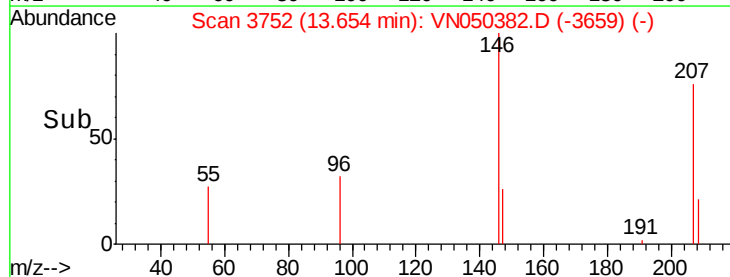
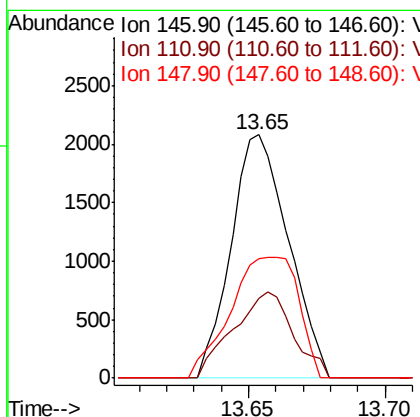
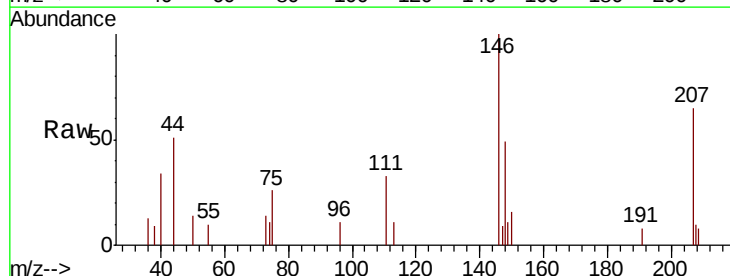
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL01

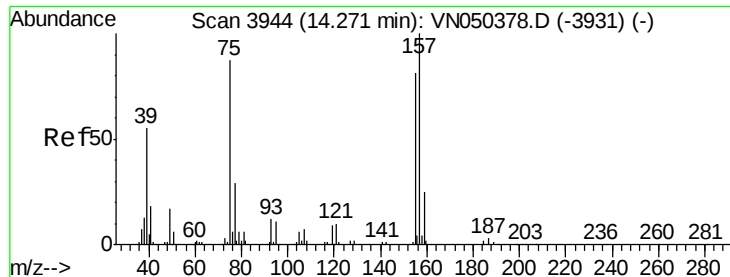
Tot Ion:146 Resp: 2868
 Ion Ratio Lower Upper
 146 100
 111 34.7 18.3 54.9
 148 64.6 31.9 95.9



#91
 1,2-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050382.D
 Acq: 6 Aug 2018 14:36

Tgt Ion:146 Resp: 3035
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.6 58.7
 148 59.2 32.1 96.3

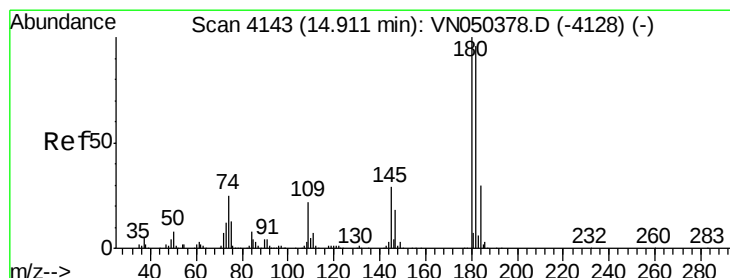
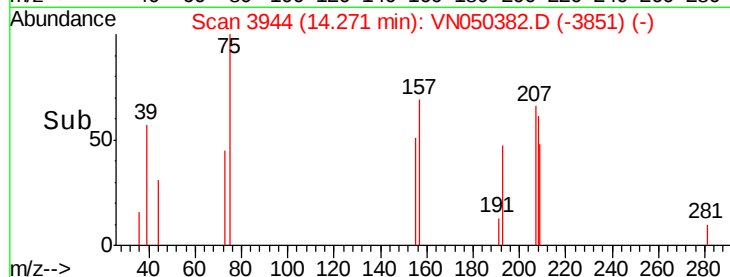
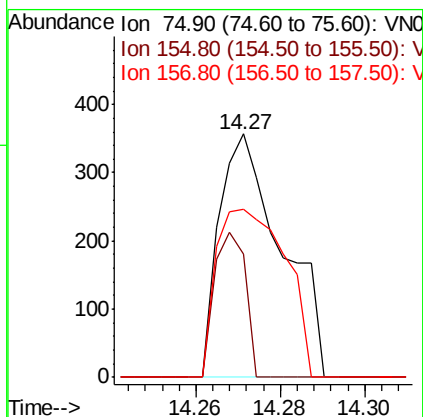
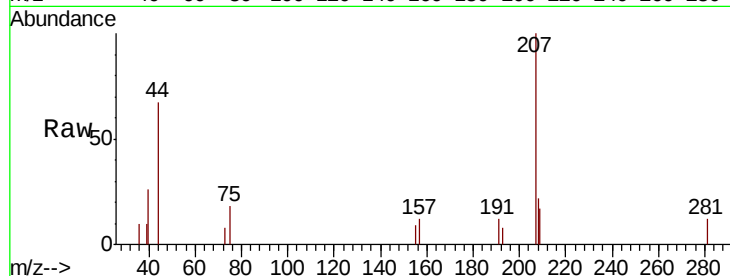




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.29 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050382.D
 Acq: 6 Aug 2018 14:36

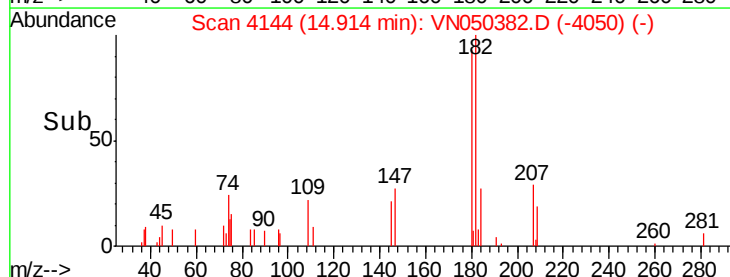
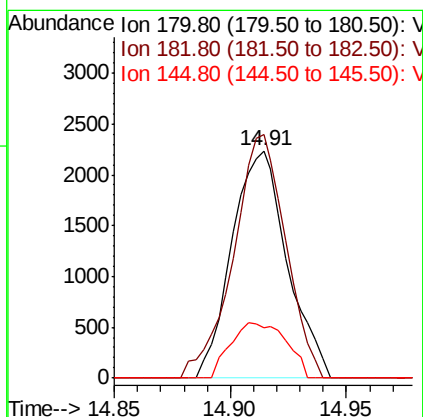
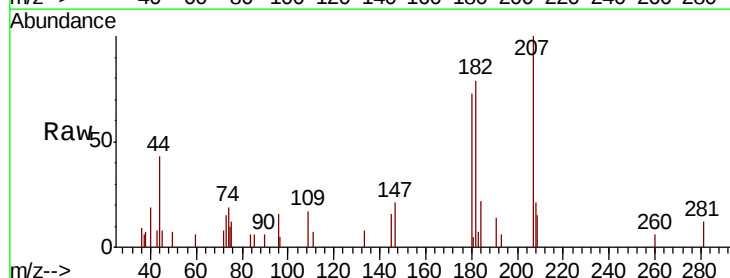
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL01

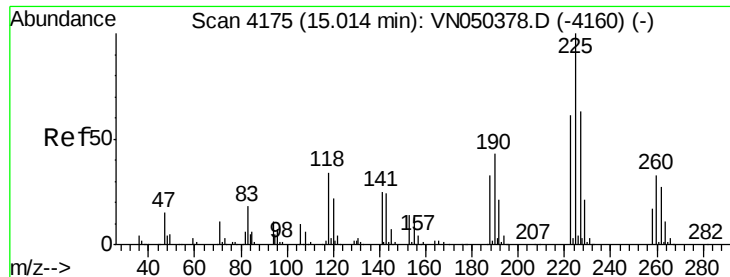
Tot Ion: 75 Resp: 368
 Ion Ratio Lower Upper
 75 100
 155 29.6 44.8 134.4#
 157 76.6 57.2 171.6



#93
 1,2,4-Trichlorobenzene
 Concen: 0.59 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050382.D
 Acq: 6 Aug 2018 14:36

Tgt Ion: 180 Resp: 3707
 Ion Ratio Lower Upper
 180 100
 182 101.1 46.7 140.1
 145 24.5 13.8 41.4





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL01

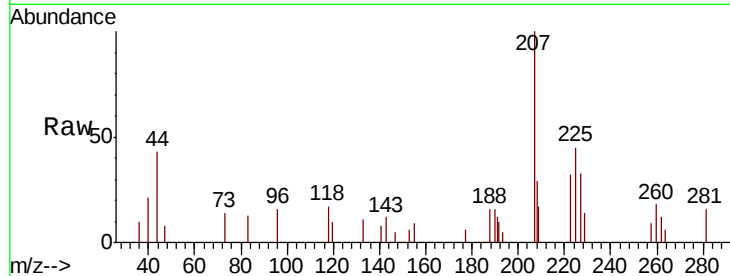
Tot Ion:225 Resp: 2143

Ion Ratio Lower Upper

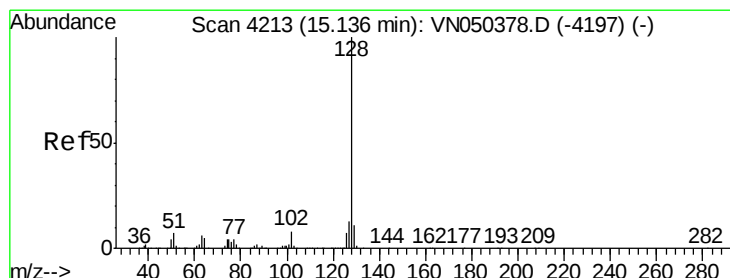
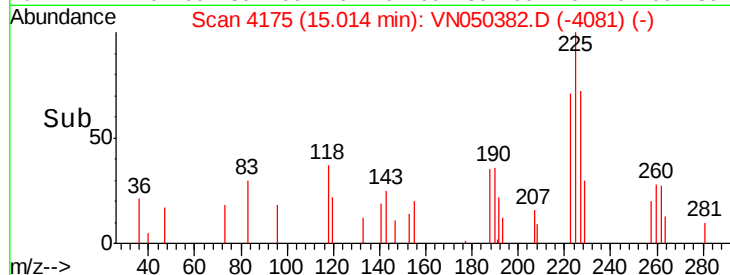
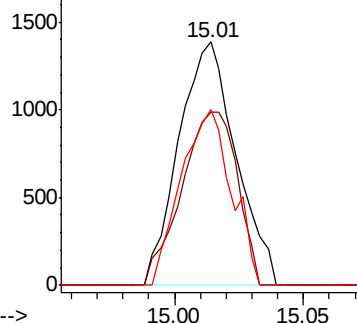
225 100

223 69.7 31.4 94.2

227 64.2 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.33 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

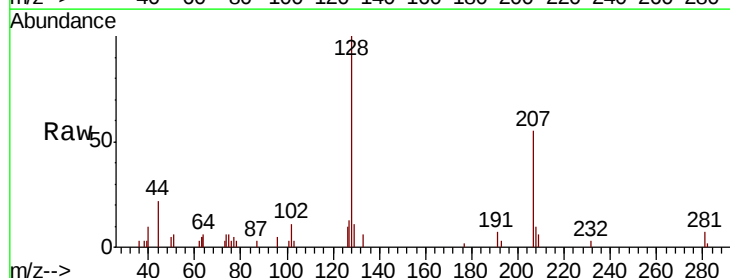
Tgt Ion:128 Resp: 12704

Ion Ratio Lower Upper

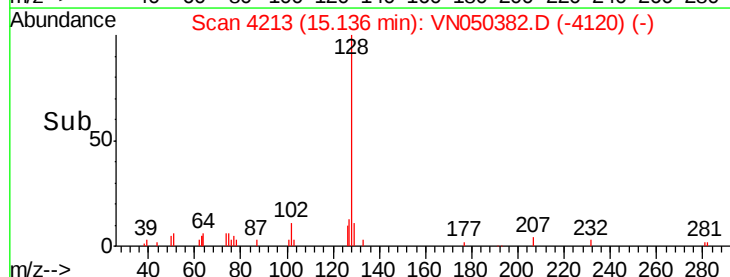
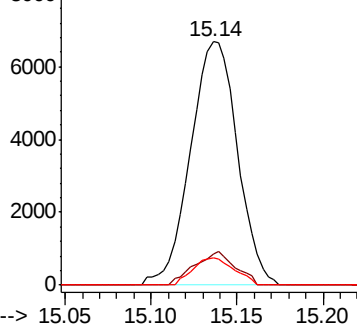
128 100

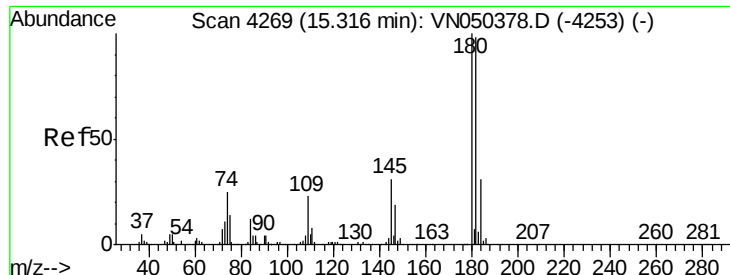
127 11.9 10.4 15.6

129 9.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.76 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050382.D

Acq: 6 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL01

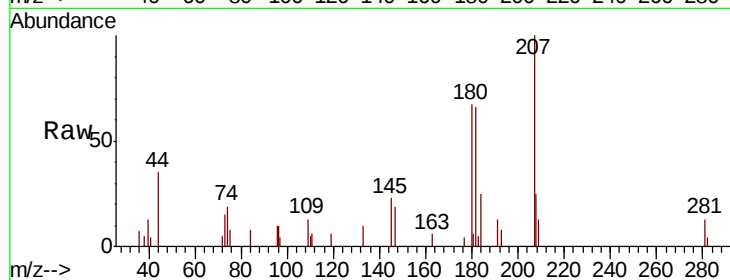
Tot Ion:180 Resp: 4788

Ion Ratio Lower Upper

180 100

182 103.4 48.1 144.4

145 33.6 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

