

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050607.D
 Acq On : 14 Aug 2018 17:14
 Operator : MD\SY
 Sample : J4442-50
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-5

Quant Time: Aug 14 18:17:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	670985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1094140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	940191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347158	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	459852	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.59	113	429995	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.09	98	1511279	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.40	95	418445	38.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.06%	

Target Compounds

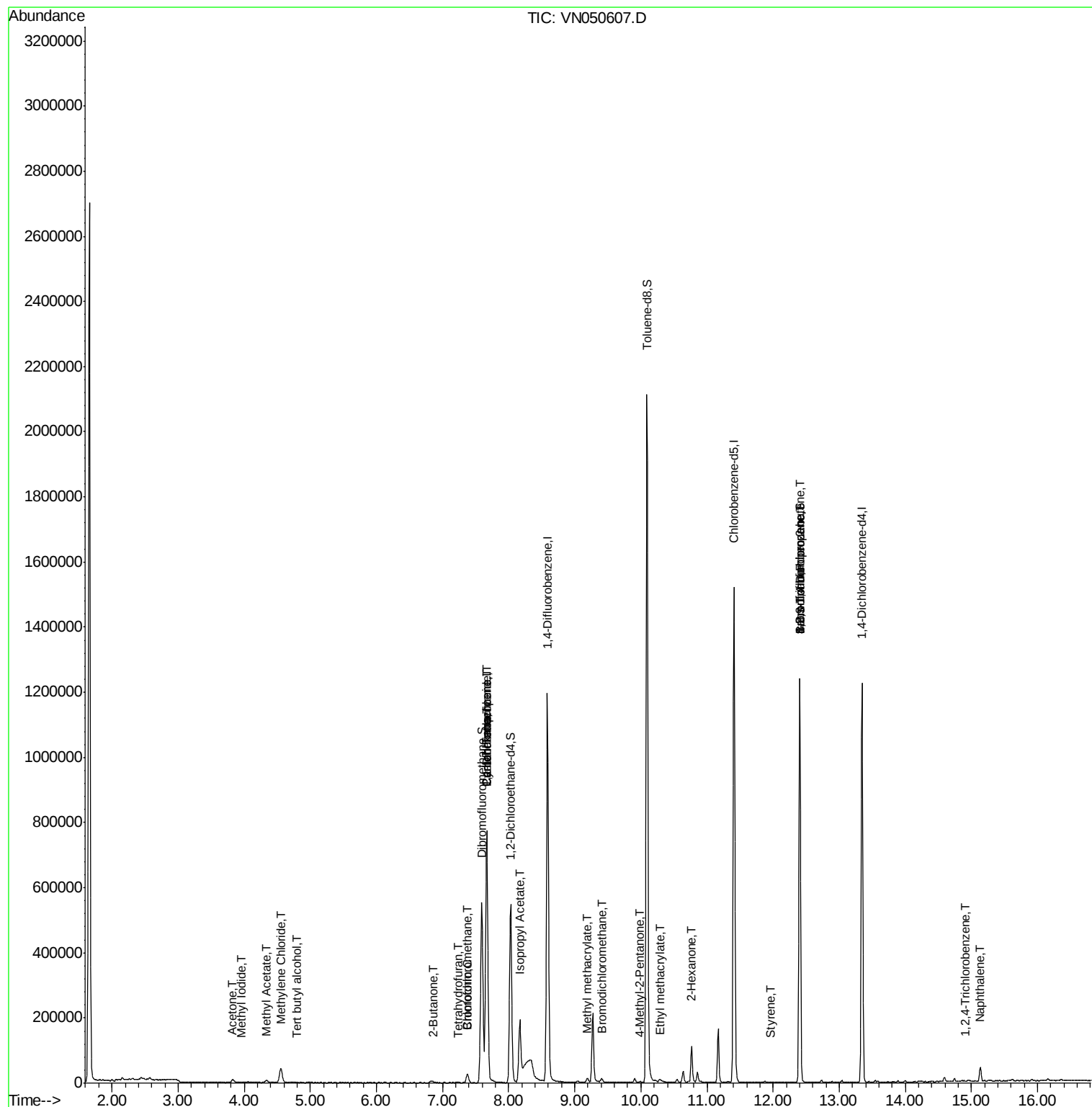
					Qvalue	
3) Chloromethane	2.06	50	2776	Below Cal		92
5) Bromomethane	2.57	94	3610	Below Cal		93
6) Chloroethane	2.70	64	65	Below Cal	#	43
10) Methyl Iodide	3.96	142	1634	7.197	ug/l #	69
11) Tert butyl alcohol	4.80	59	295	0.639	ug/l #	72
13) Acrolein	3.60	56	29	Below Cal	#	14
16) Acetone	3.82	43	17132	6.702	ug/l	100
18) Methyl Acetate	4.33	43	12922	1.204	ug/l	95
20) Methylene Chloride	4.55	84	34217	3.062	ug/l	99
25) 2-Butanone	6.87	43	3223	0.929	ug/l	97
28) Bromochloromethane	7.37	49	2161	0.316	ug/l #	10
29) Tetrahydrofuran	7.22	42	830	0.458	ug/l #	53
30) Chloroform	7.37	83	28297	1.859	ug/l	98
31) Cyclohexane	7.67	56	12269	0.615	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46298	3.801	ug/l #	49
38) Carbon Tetrachloride	7.67	117	59883	4.739	ug/l #	17
43) Isopropyl Acetate	8.17	43	236754	18.870	ug/l	98
47) Bromodichloromethane	9.40	83	6885	0.553	ug/l	97
48) Methyl methacrylate	9.18	41	7572	1.199	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2135	0.252	ug/l #	86
56) Ethyl methacrylate	10.28	69	235	1.926	ug/l #	1
59) 2-Hexanone	10.77	43	15037	2.746	ug/l #	57
70) Styrene	11.97	104	61	0.943	ug/l	93
71) Bromoform	12.40	173	1325	0.228	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.40	83	264	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	201540	35.637	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	201540	129.067	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	77	2.686	ug/l #	1
95) Naphthalene	15.13	128	39127	6.565	ug/l	98

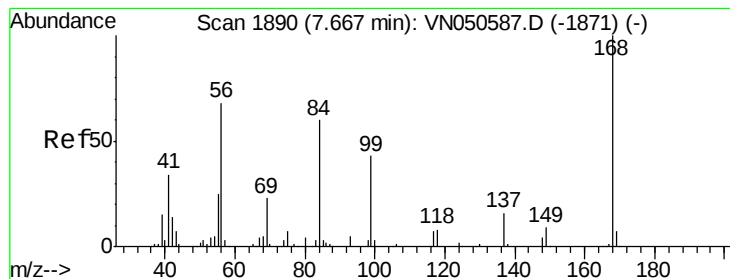
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampled :

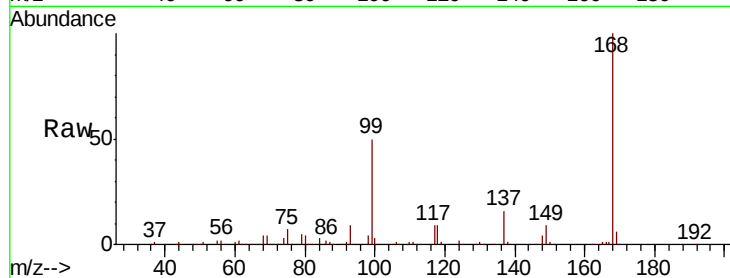
SP-1-5

Tgt Ion:168 Resp: 670985

Ion Ratio Lower Upper

168 100

99 50.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

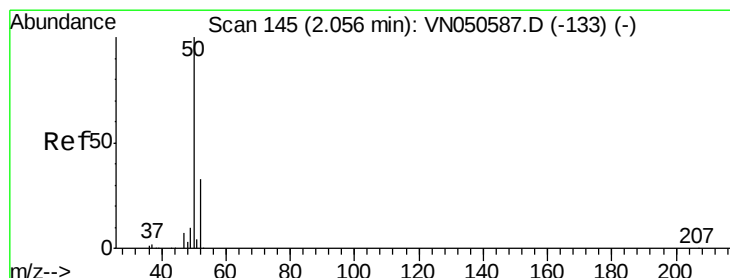
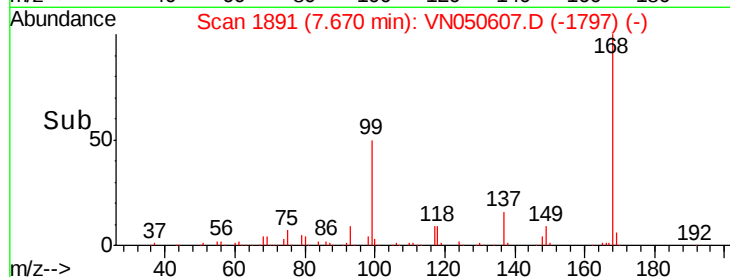
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050607.D

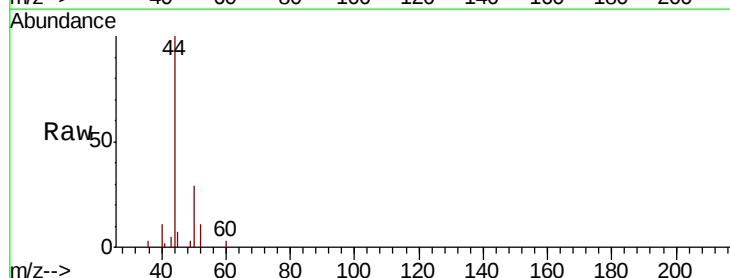
Acq: 14 Aug 2018 17:14

Tgt Ion: 50 Resp: 2776

Ion Ratio Lower Upper

50 100

52 37.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2000

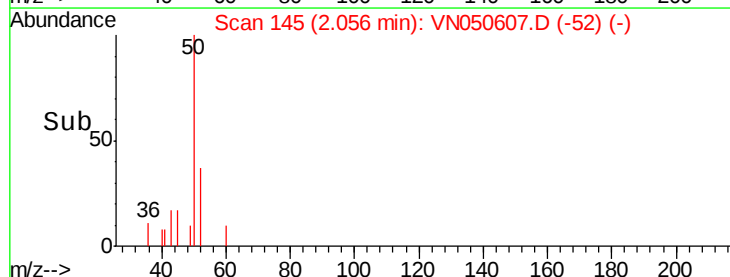
1500

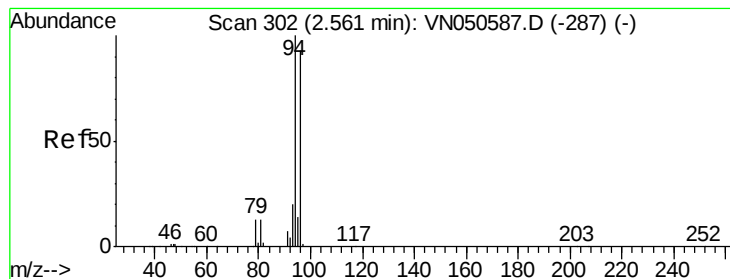
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampled :

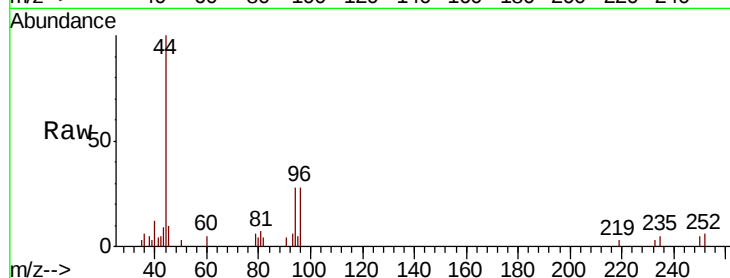
SP-1-5

Tgt Ion: 94 Resp: 3610

Ion Ratio Lower Upper

94 100

96 99.3 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

1500

1000

500

0

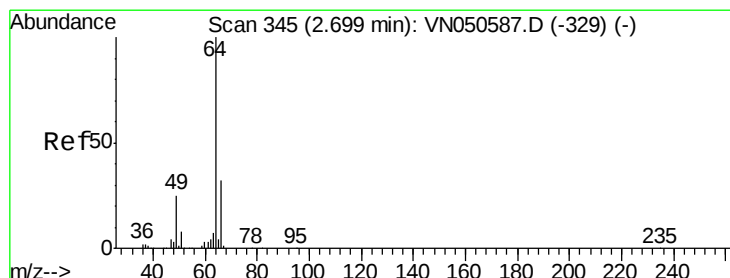
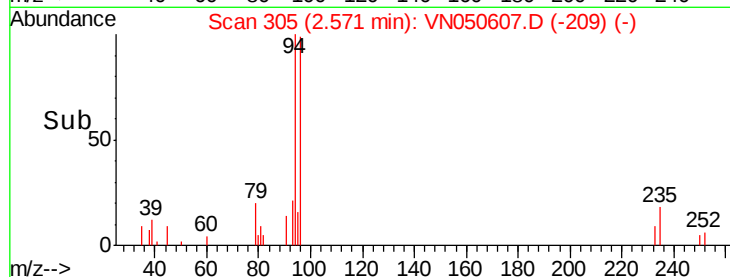
Time-->

2.50

2.55

2.60

2.65



#6

Chloroethane

Concen: Below Cal

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050607.D

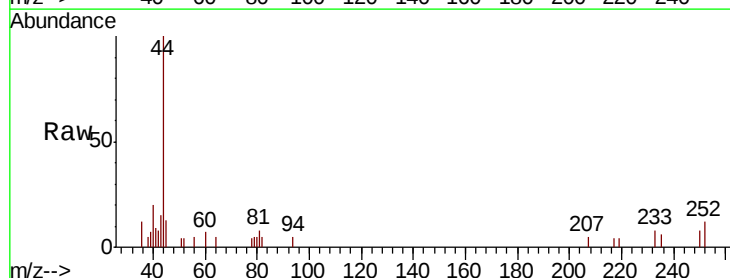
Acq: 14 Aug 2018 17:14

Tgt Ion: 64 Resp: 65

Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

300

200

100

0

Time-->

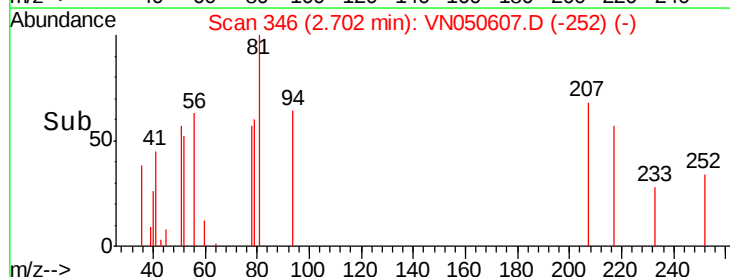
2.69

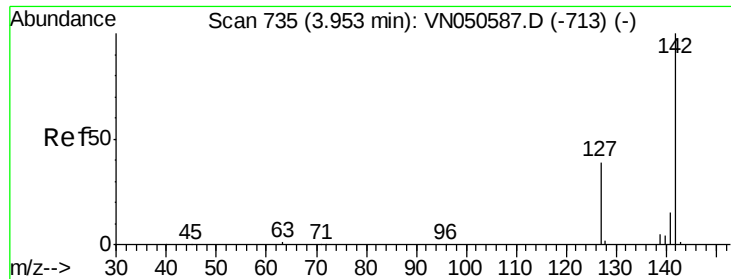
2.70

2.71

2.71

2.71

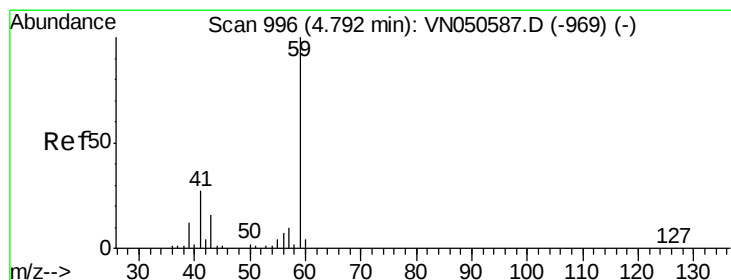
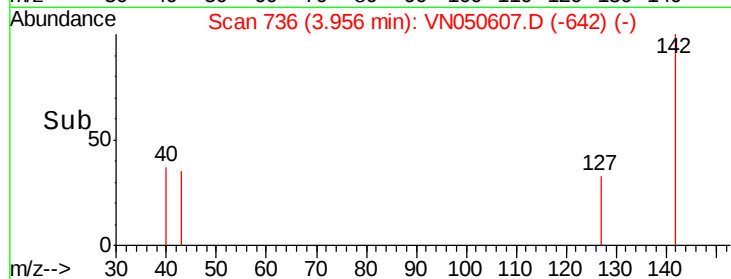
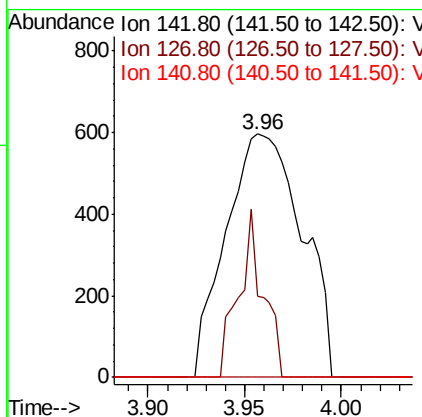
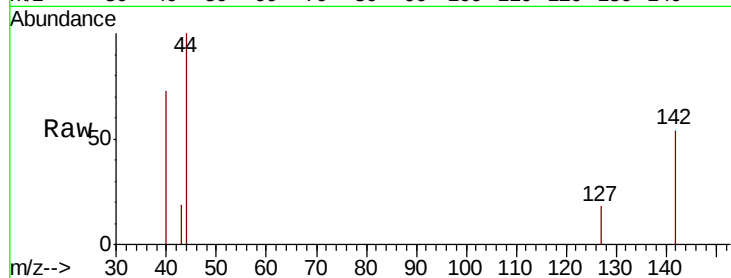




#10
Methyl Iodide
Concen: 7.197 ug/l
RT: 3.96 min Scan# 736
Delta R.T. 0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

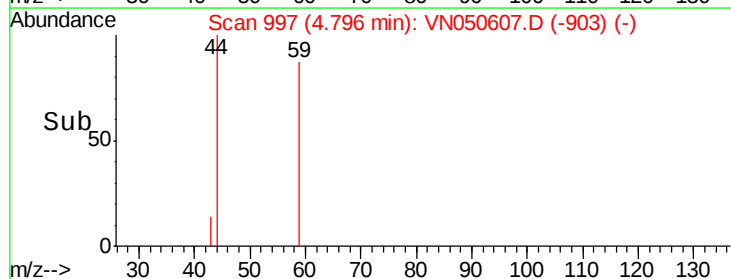
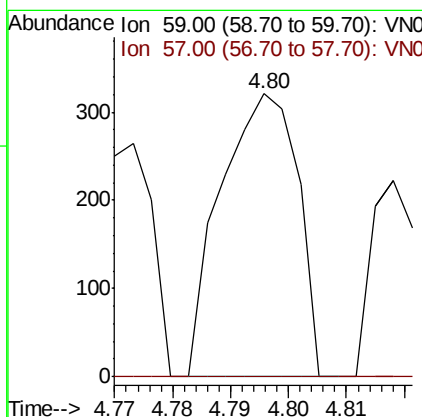
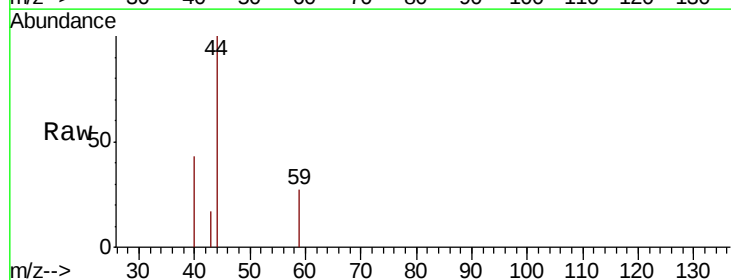
Instrument :
MSVOA_N
ClientSampled :
SP-1-5

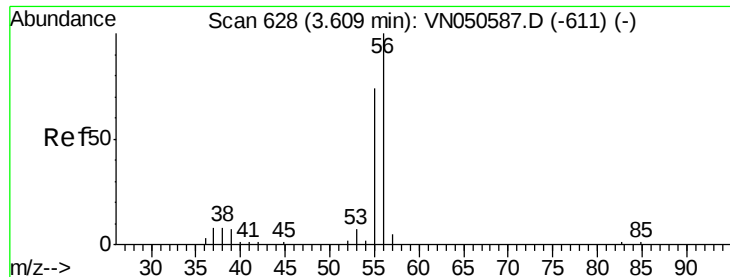
Tgt Ion: 142 Resp: 1634
Ion Ratio Lower Upper
142 100
127 22.1 32.6 49.0#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.639 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

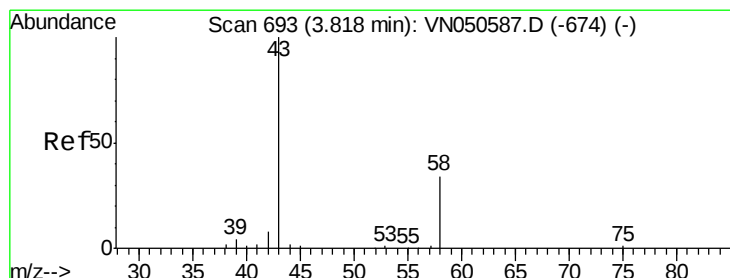
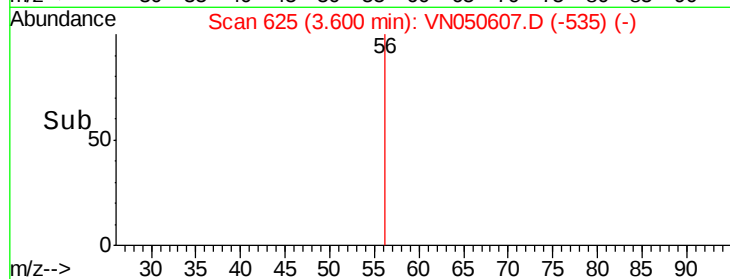
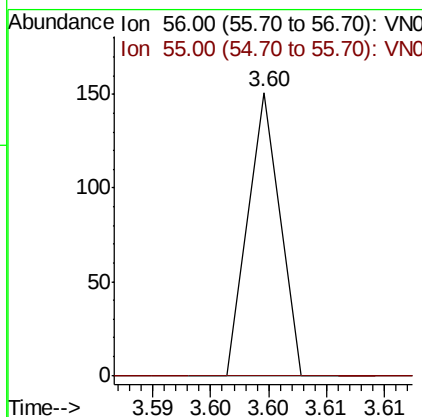
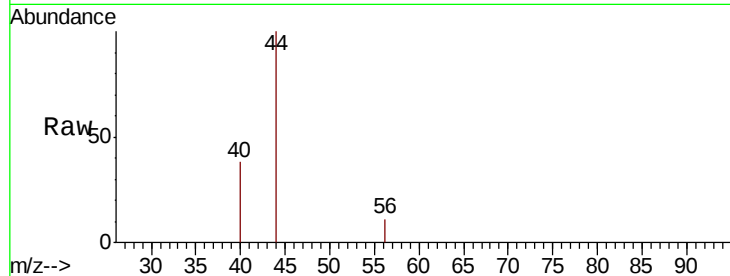




#13
Acrolein
Concen: Below Cal
RT: 3.60 min Scan# 625
Delta R.T. -0.01 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

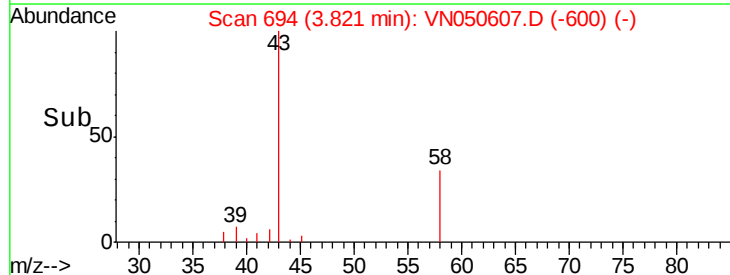
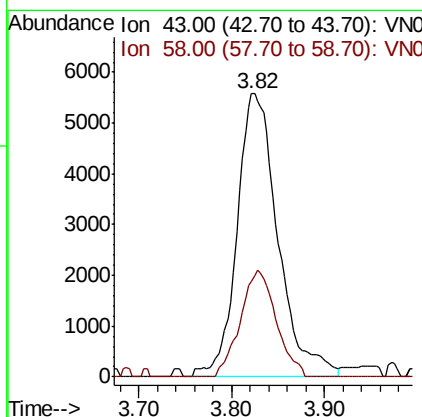
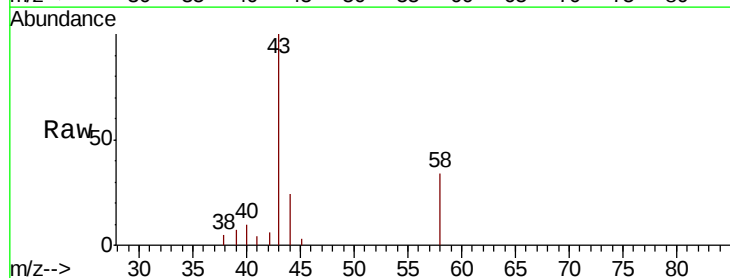
Instrument :
MSVOA_N
ClientSampled :
SP-1-5

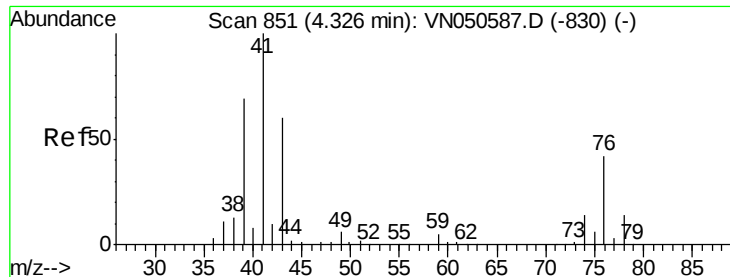
Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#



#16
Acetone
Concen: 6.702 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

Tgt Ion: 43 Resp: 17132
Ion Ratio Lower Upper
43 100
58 33.8 27.1 40.7

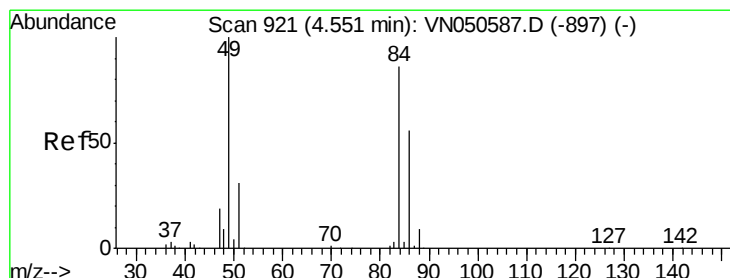
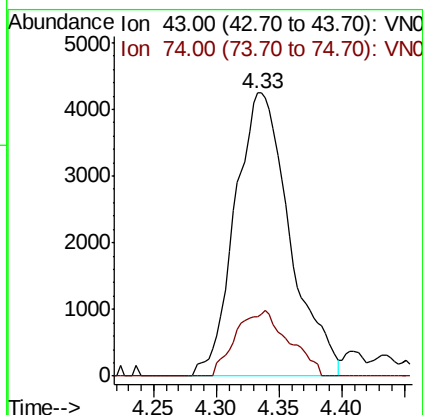
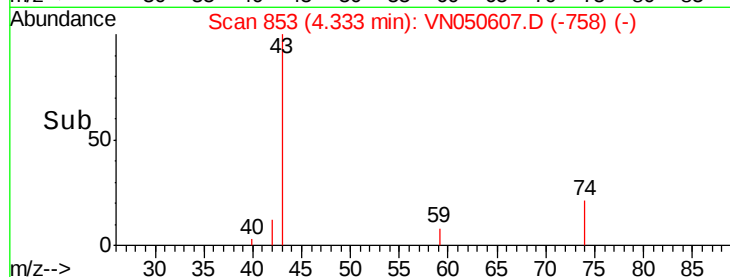
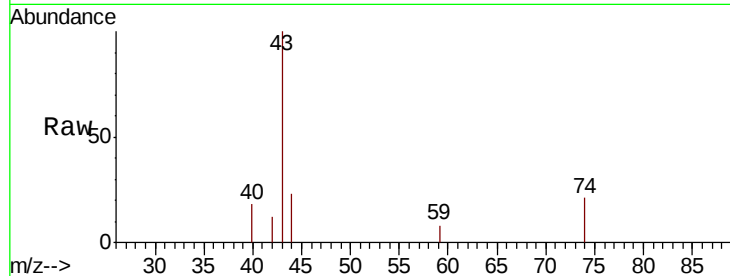




#18
Methyl Acetate
Concen: 1.204 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

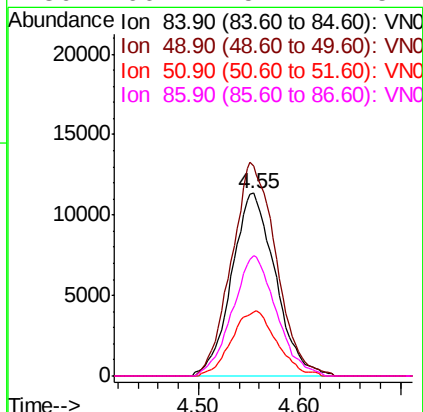
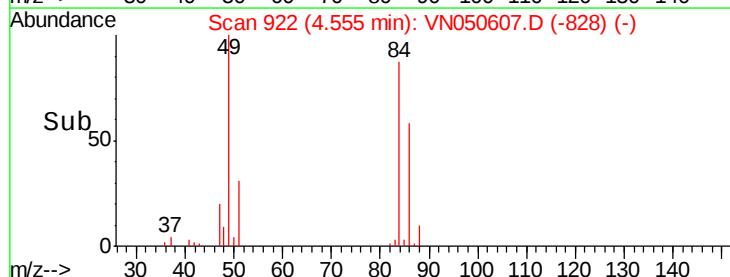
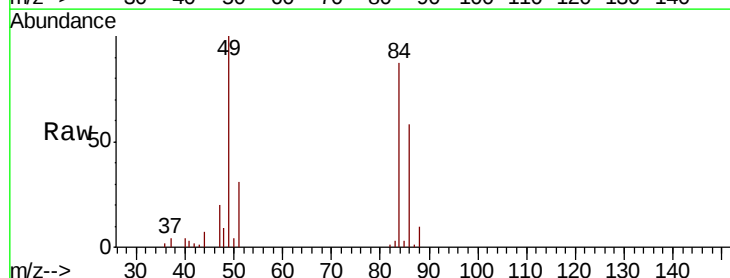
Instrument :
MSVOA_N
ClientSampled :
SP-1-5

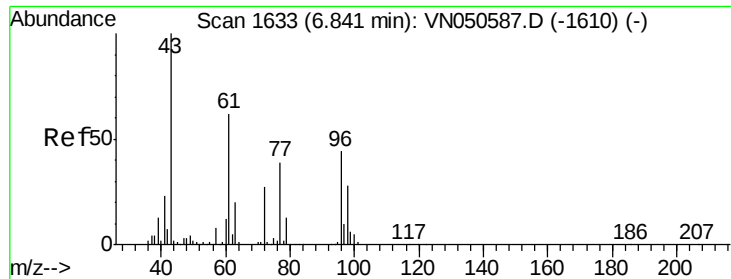
Tgt Ion: 43 Resp: 12922
Ion Ratio Lower Upper
43 100
74 22.3 19.7 29.5



#20
Methylene Chloride
Concen: 3.062 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

Tgt Ion: 84 Resp: 34217
Ion Ratio Lower Upper
84 100
49 114.8 92.6 138.8
51 35.3 28.6 43.0
86 66.2 52.2 78.2

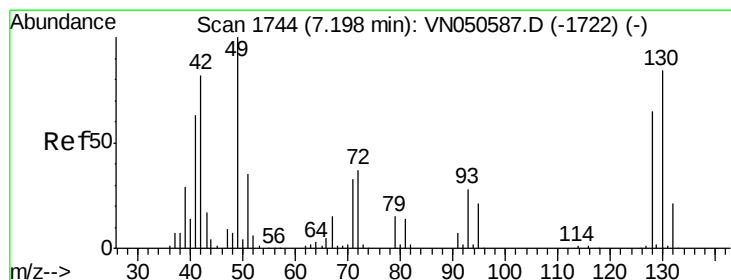
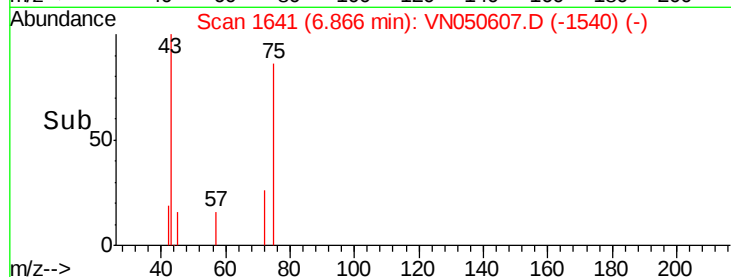
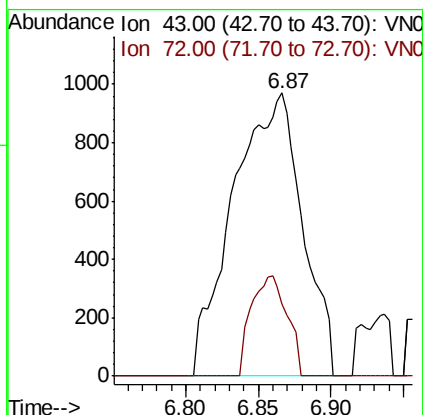
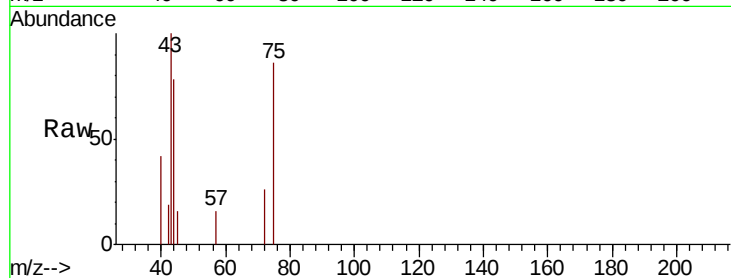




#25
 2-Butanone
 Concen: 0.929 ug/l
 RT: 6.87 min Scan# 1641
 Delta R.T. 0.03 min
 Lab File: VN050607.D
 Acq: 14 Aug 2018 17:14

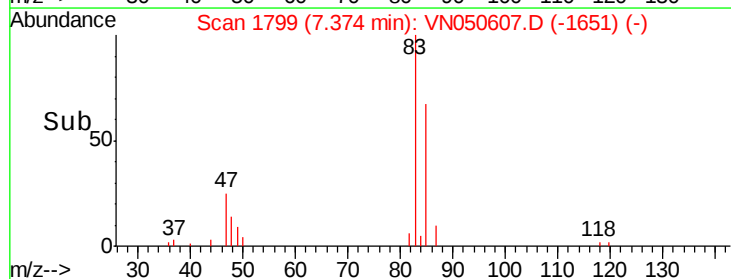
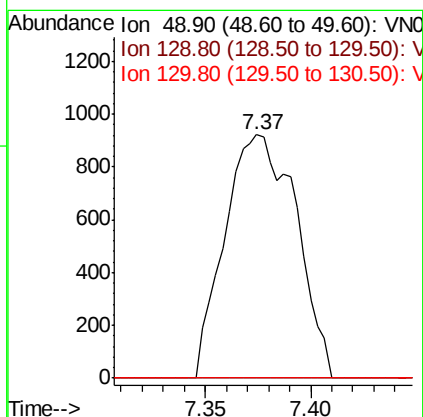
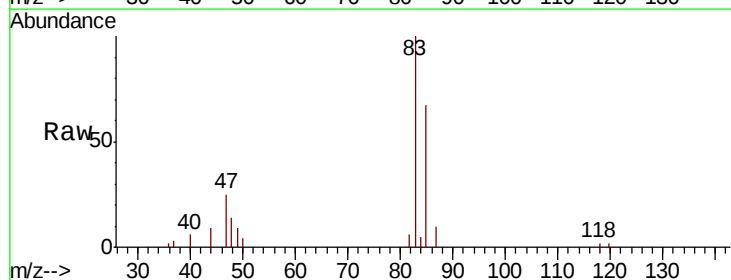
Instrument :
 MSVOA_N
 ClientSampled :
 SP-1-5

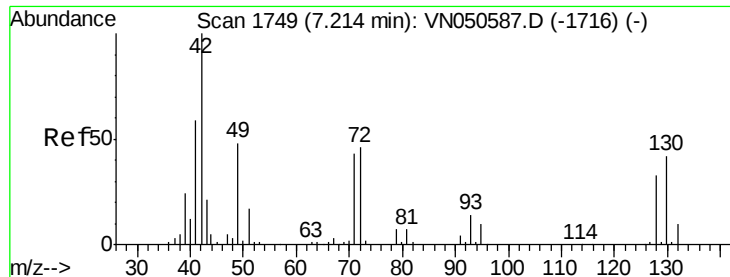
Tgt Ion: 43 Resp: 3223
 Ion Ratio Lower Upper
 43 100
 72 25.7 21.8 32.6



#28
 Bromochloromethane
 Concen: 0.316 ug/l
 RT: 7.37 min Scan# 1799
 Delta R.T. 0.18 min
 Lab File: VN050607.D
 Acq: 14 Aug 2018 17:14

Tgt Ion: 49 Resp: 2161
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 0.0 66.8 100.2#





#29

Tetrahydrofuran

Concen: 0.458 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampled :

SP-1-5

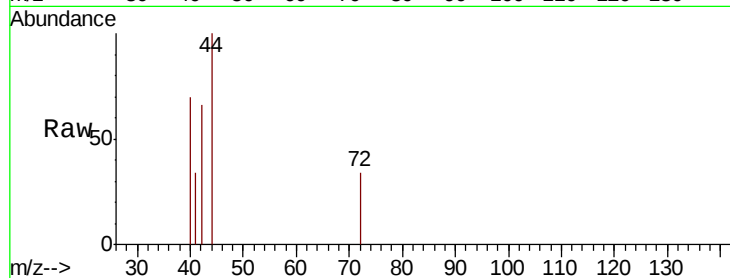
Tgt Ion: 42 Resp: 830

Ion Ratio Lower Upper

42 100

72 21.7 35.8 53.6#

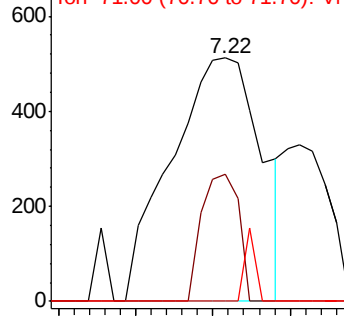
71 3.6 33.4 50.0#



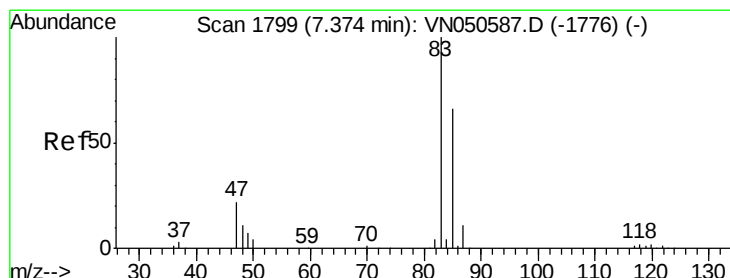
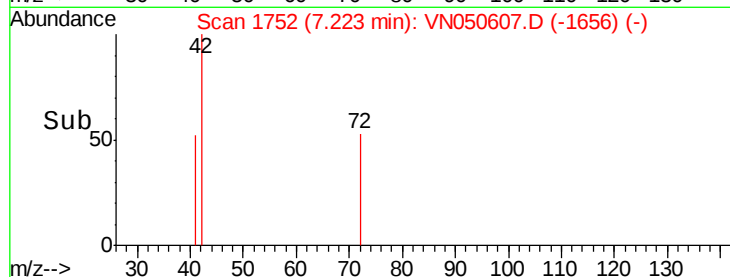
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->



#30

Chloroform

Concen: 1.859 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050607.D

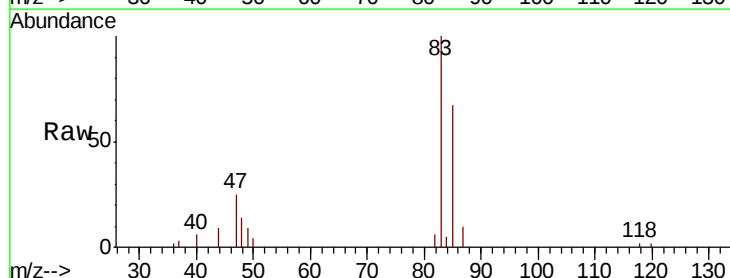
Acq: 14 Aug 2018 17:14

Tgt Ion: 83 Resp: 28297

Ion Ratio Lower Upper

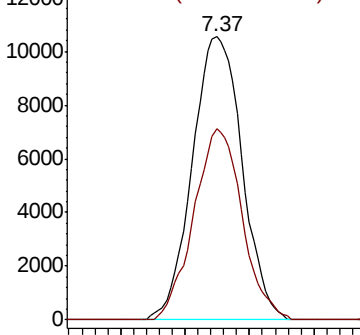
83 100

85 67.4 52.5 78.7

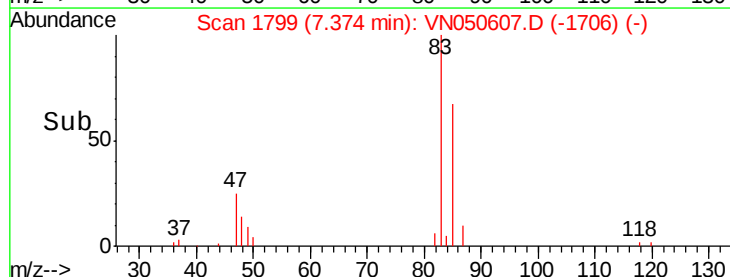


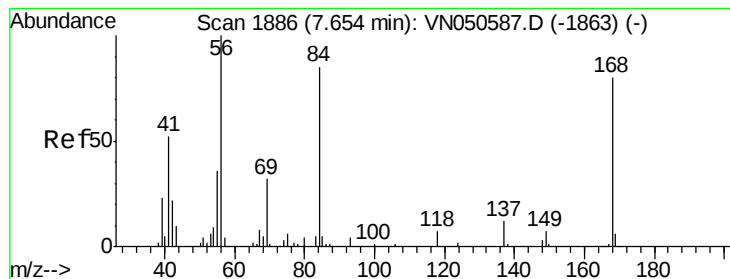
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->





#31

Cyclohexane

Concen: 0.615 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampled :

SP-1-5

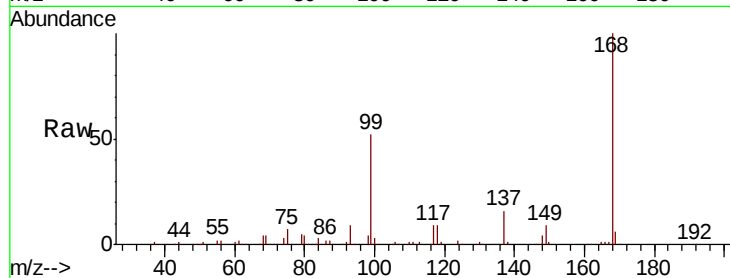
Tgt Ion: 56 Resp: 12269

Ion Ratio Lower Upper

56 100

69 206.6 25.8 38.6#

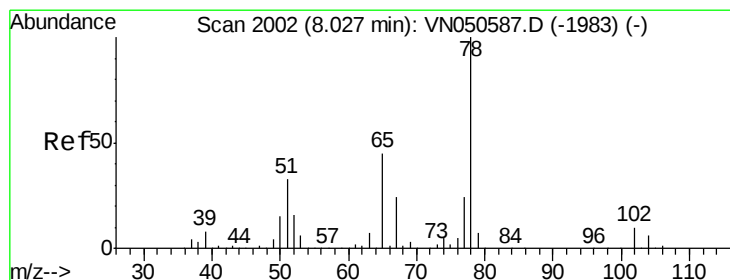
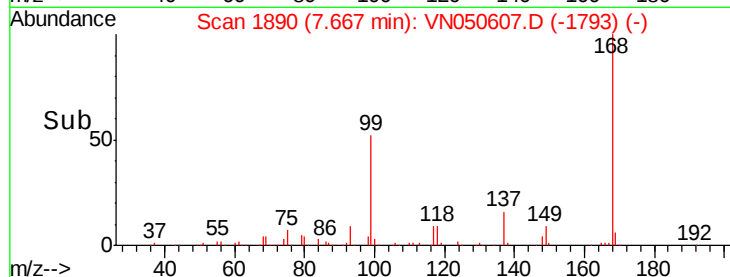
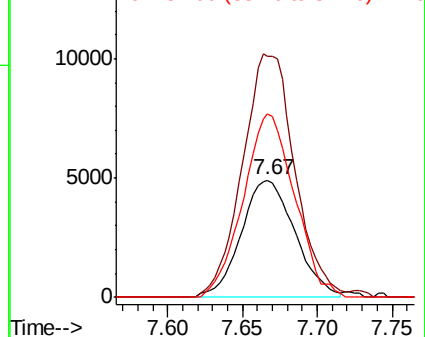
84 156.7 67.8 101.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.370 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050607.D

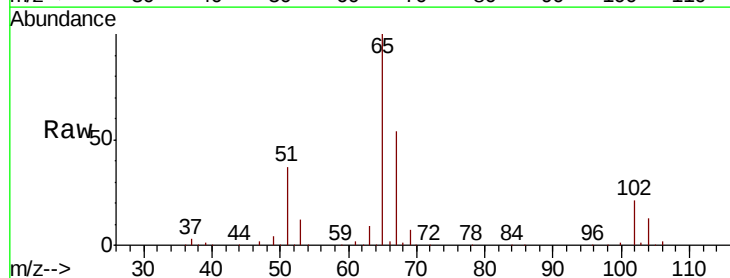
Acq: 14 Aug 2018 17:14

Tgt Ion: 65 Resp: 459852

Ion Ratio Lower Upper

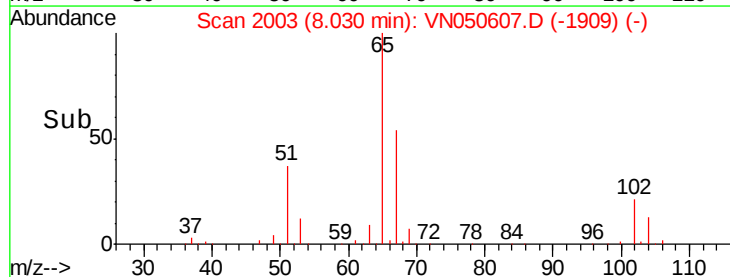
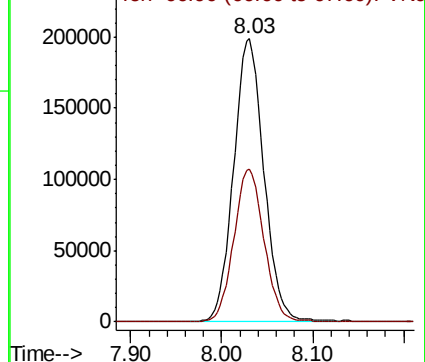
65 100

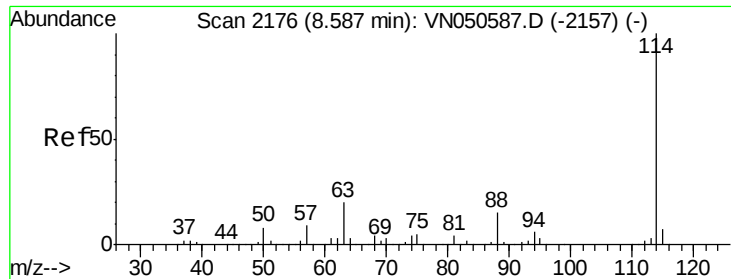
67 53.9 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

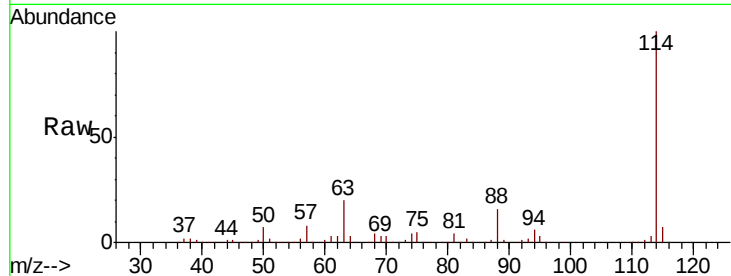




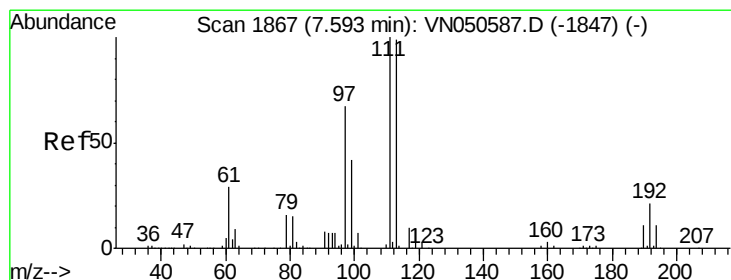
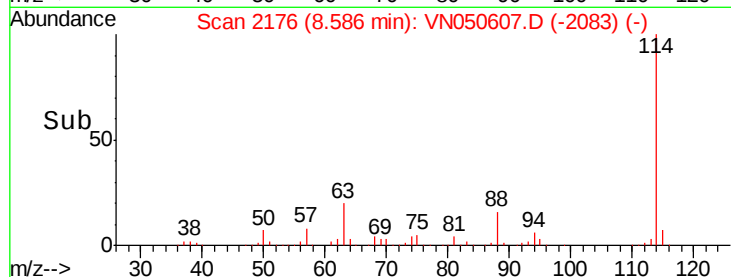
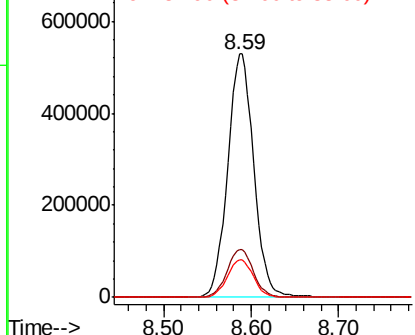
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050607.D
 Acq: 14 Aug 2018 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-5

Tgt Ion:114 Resp: 1094140
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.5 0.0 30.8

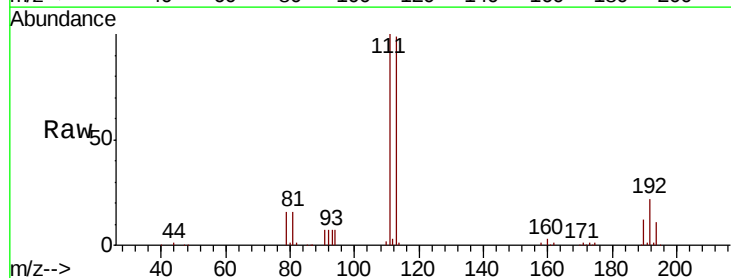


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

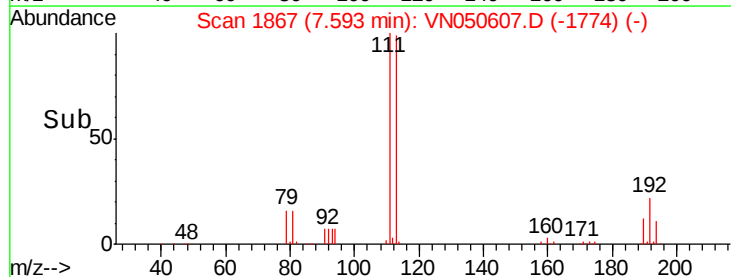
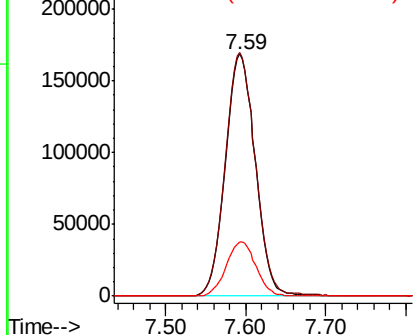


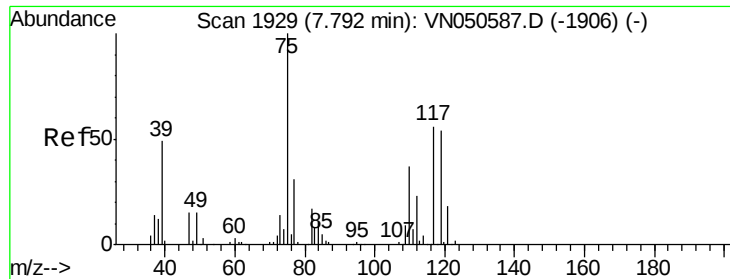
#35
 Dibromofluoromethane
 Concen: 49.225 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050607.D
 Acq: 14 Aug 2018 17:14

Tgt Ion:113 Resp: 429995
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.0 121.6
 192 22.3 17.6 26.4



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

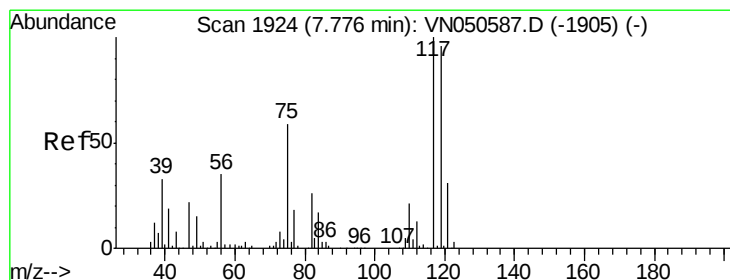
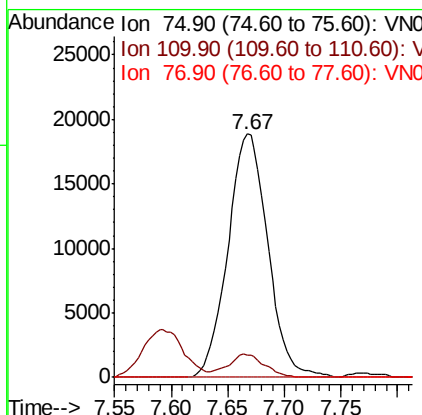
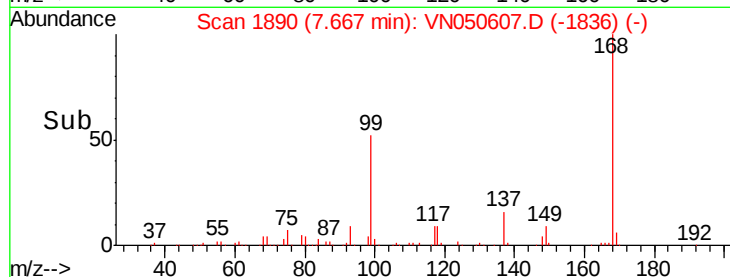
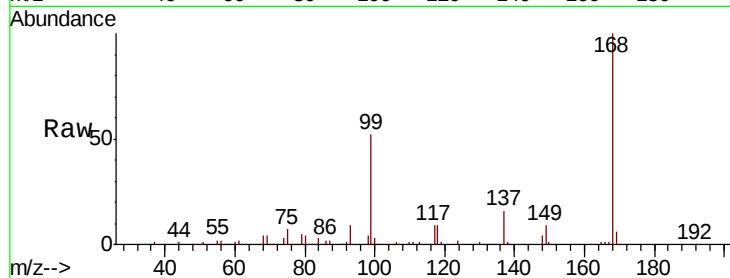




#36
 1,1-Dichloropropene
 Concen: 3.801 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050607.D
 Acq: 14 Aug 2018 17:14

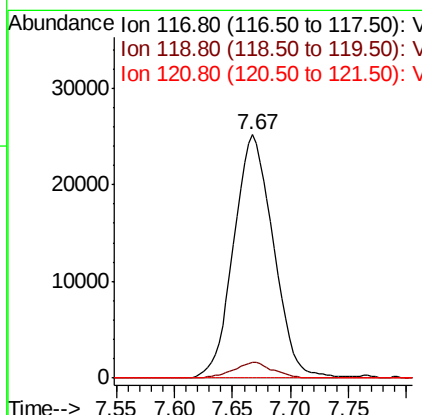
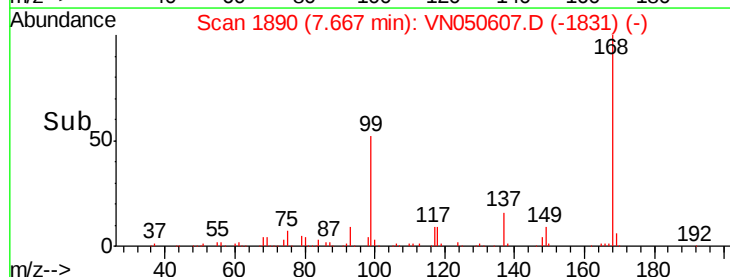
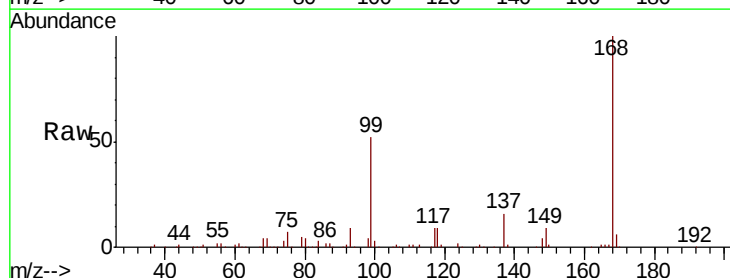
Instrument :
 MSVOA_N
 ClientSampled :
 SP-1-5

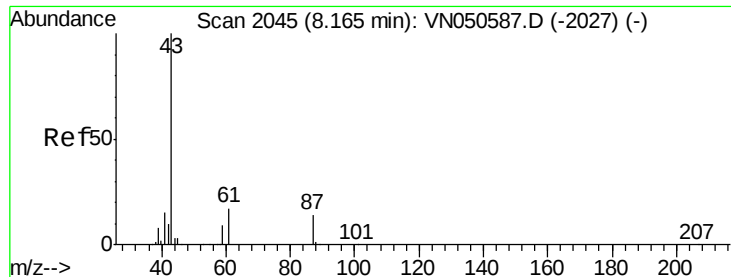
Tgt Ion: 75 Resp: 46298
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.3 54.9#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 4.739 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050607.D
 Acq: 14 Aug 2018 17:14

Tgt Ion: 117 Resp: 59883
 Ion Ratio Lower Upper
 117 100
 119 6.2 76.6 115.0#
 121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 18.870 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

SP-1-5

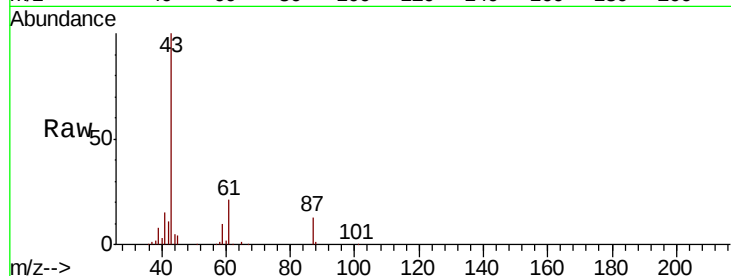
Tgt Ion: 43 Resp: 236754

Ion Ratio Lower Upper

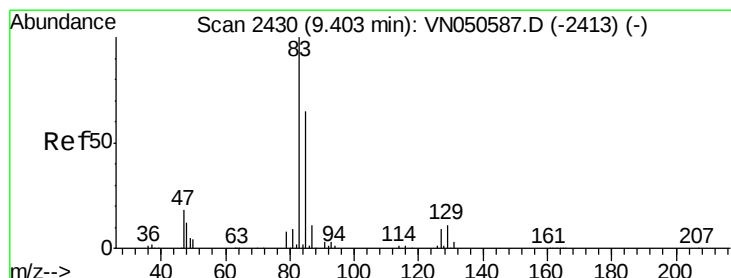
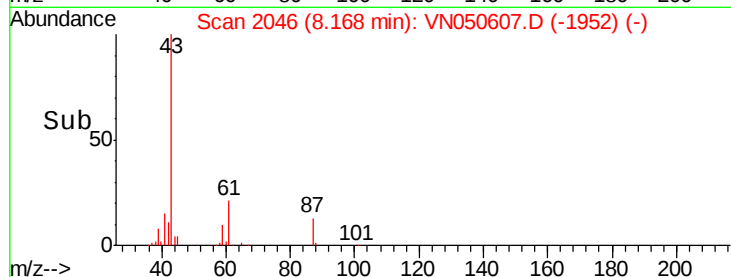
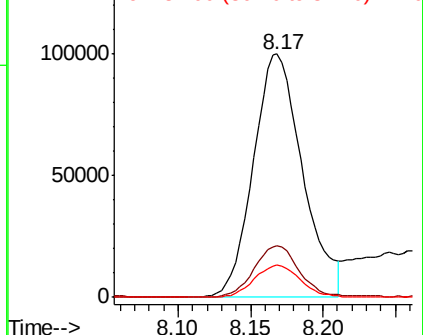
43 100

61 19.5 16.2 24.2

87 12.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.553 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

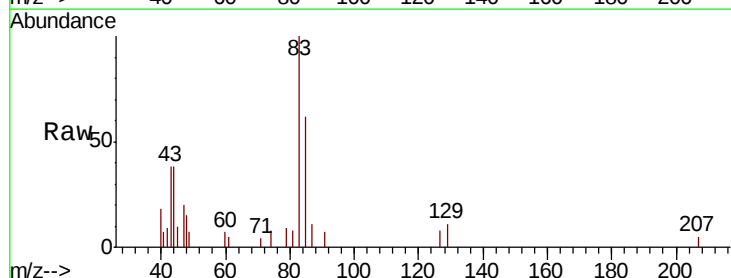
Tgt Ion: 83 Resp: 6885

Ion Ratio Lower Upper

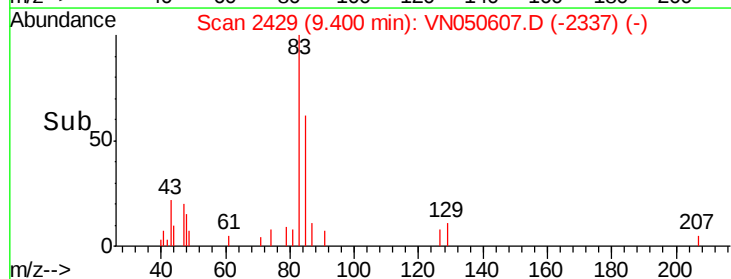
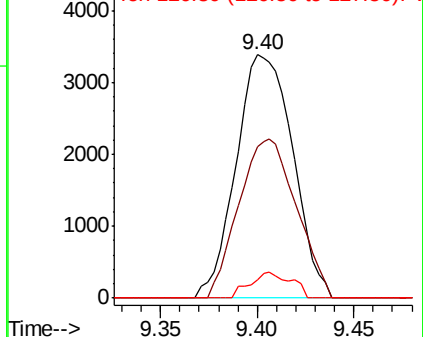
83 100

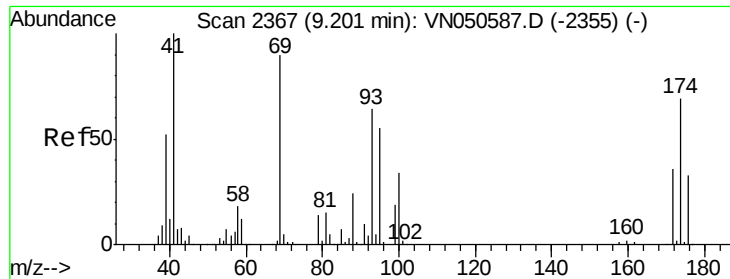
85 62.3 51.8 77.6

127 7.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

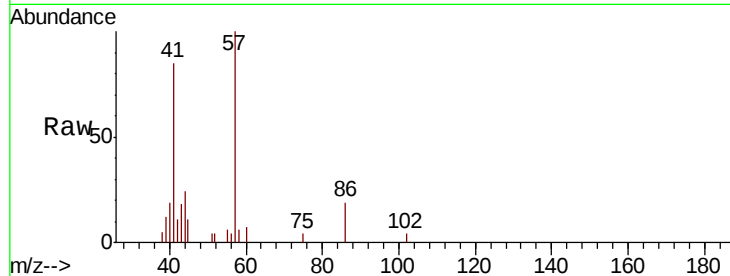




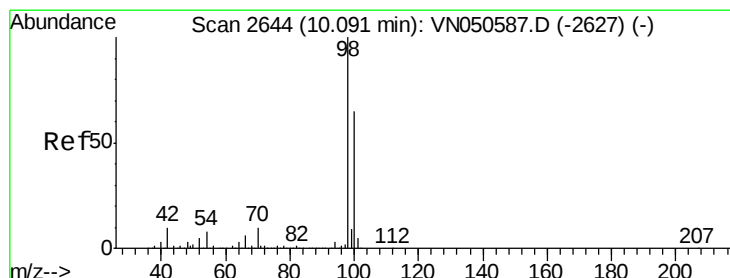
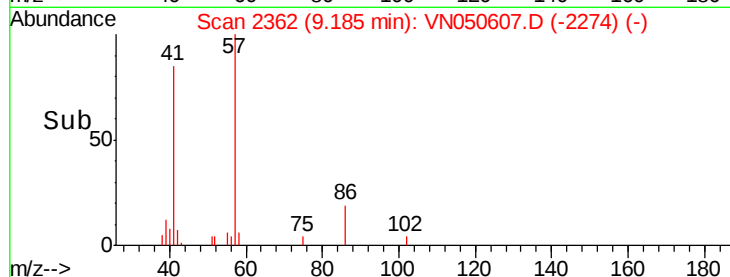
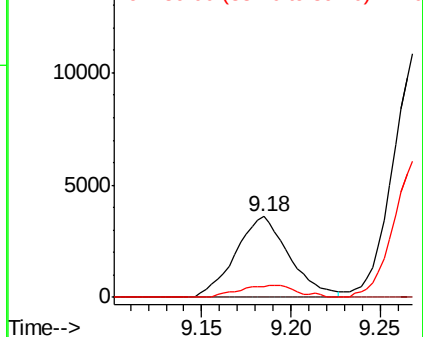
#48
Methyl methacrylate
Concen: 1.199 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

Instrument :
MSVOA_N
ClientSampled :
SP-1-5

Tgt Ion: 41 Resp: 7572
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.0#
39 16.1 43.0 64.6#

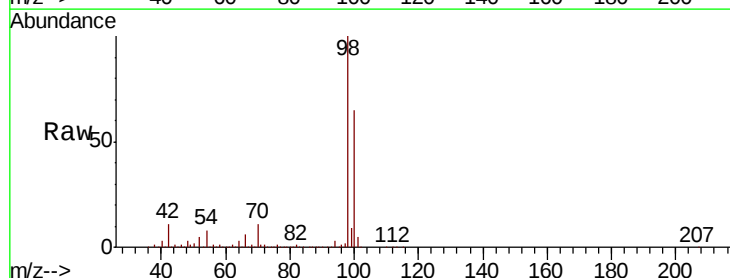


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

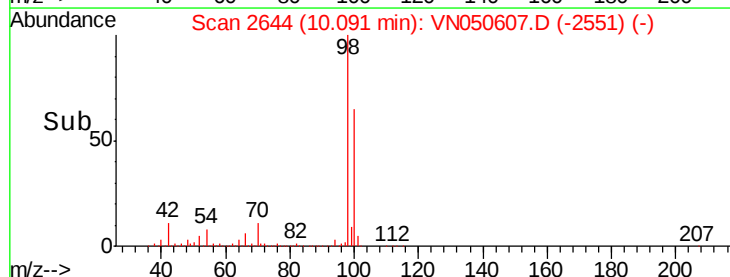
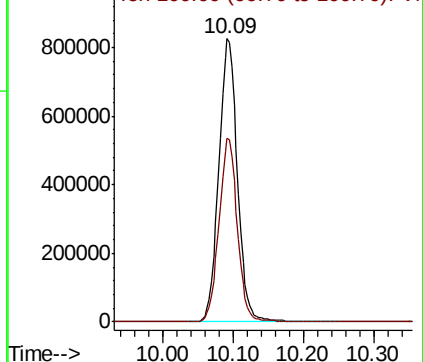


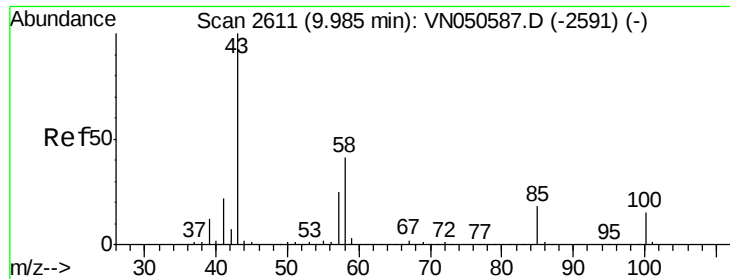
#50
Toluene-d8
Concen: 45.970 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

Tgt Ion: 98 Resp: 1511279
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.252 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.01 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

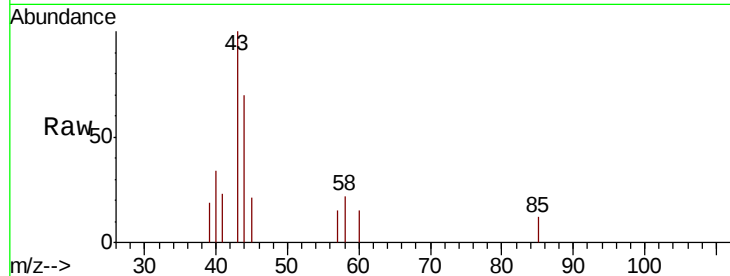
SP-1-5

Tgt Ion: 43 Resp: 2135

Ion Ratio Lower Upper

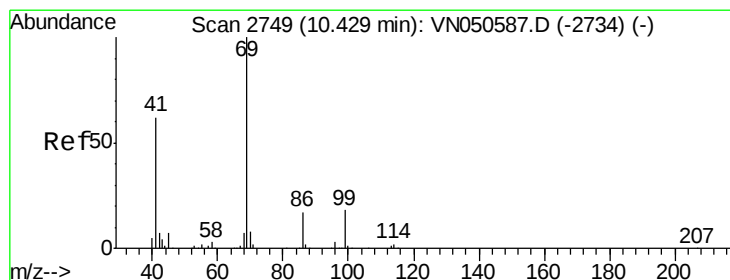
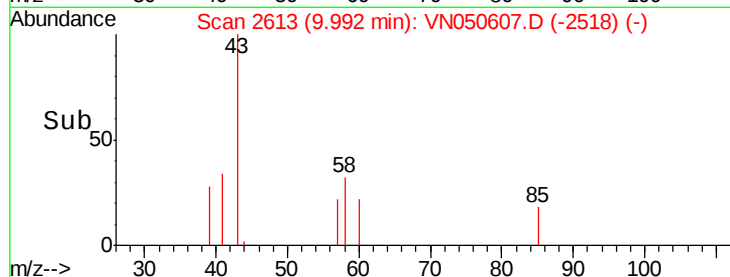
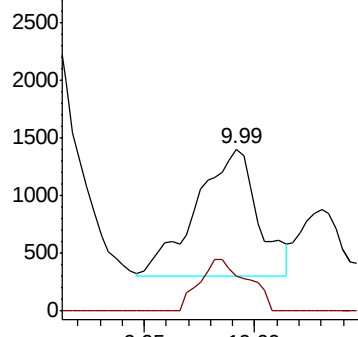
43 100

58 31.7 32.5 48.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#56

Ethyl methacrylate

Concen: 1.926 ug/l

RT: 10.28 min Scan# 2702

Delta R.T. -0.15 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

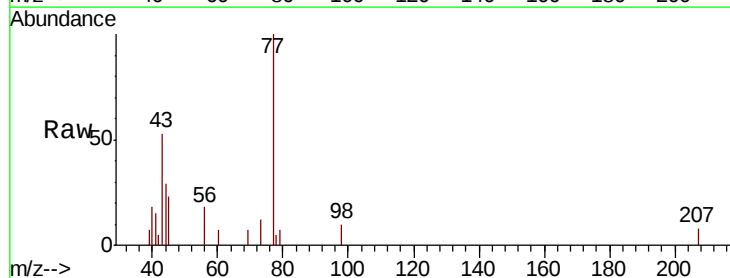
Tgt Ion: 69 Resp: 235

Ion Ratio Lower Upper

69 100

41 346.0 49.7 74.5#

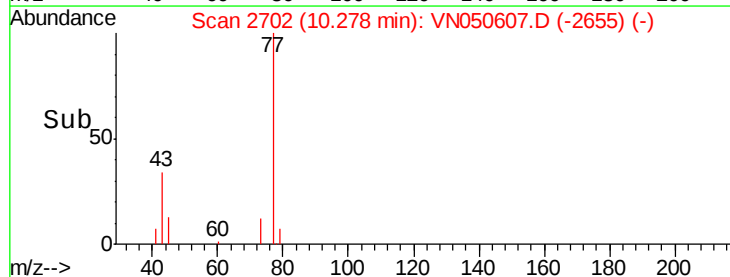
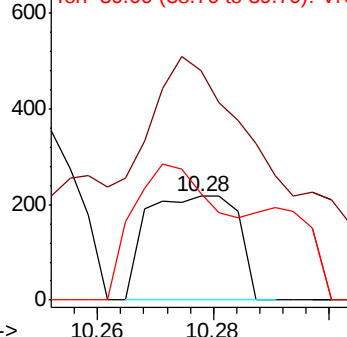
39 126.0 24.2 36.2#

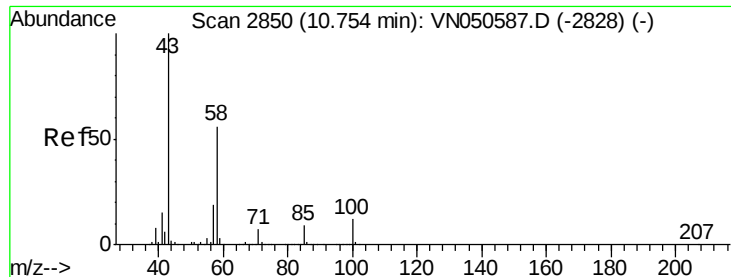


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

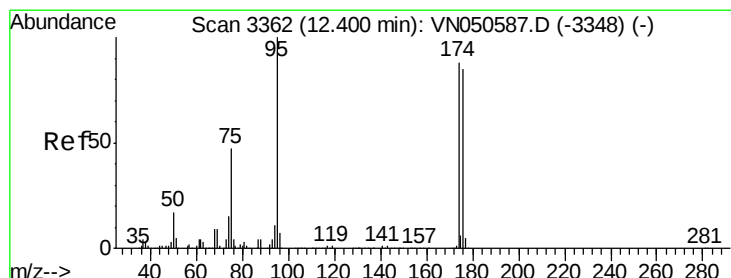
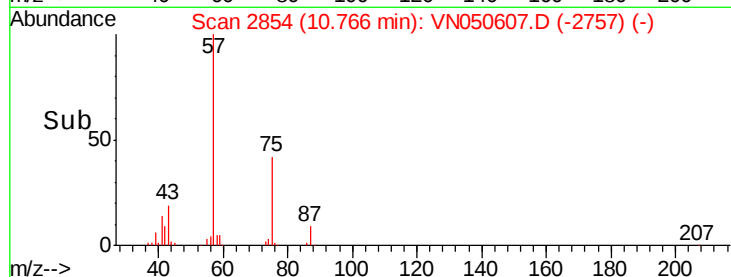
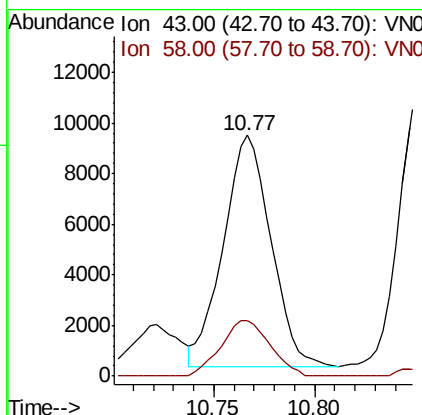
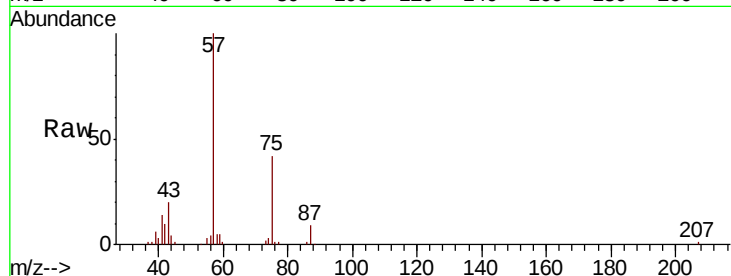




#59
2-Hexanone
Concen: 2.746 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

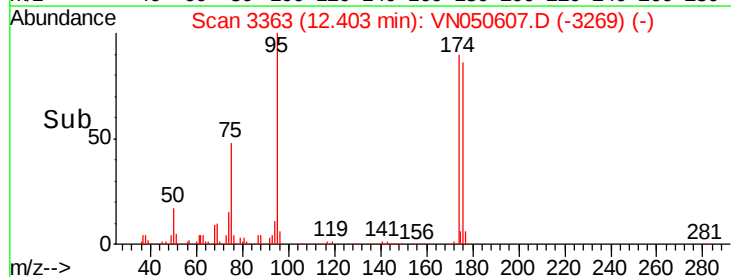
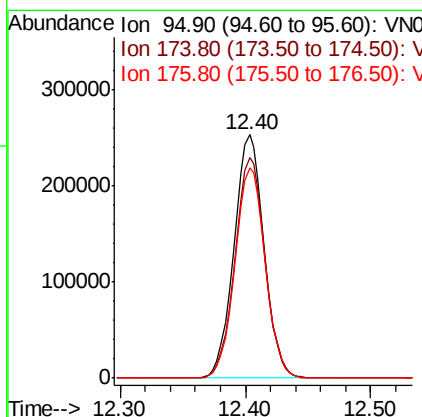
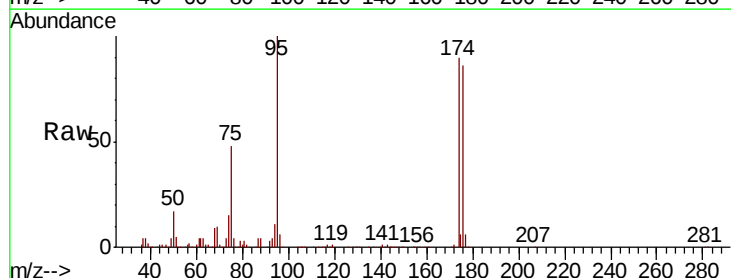
Instrument :
MSVOA_N
ClientSampled :
SP-1-5

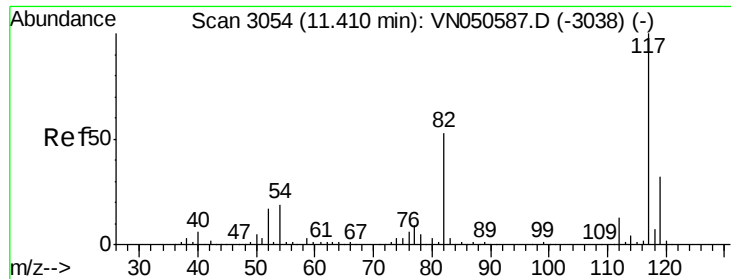
Tgt Ion: 43 Resp: 15037
Ion Ratio Lower Upper
43 100
58 24.9 28.0 84.0#



#62
4-Bromofluorobenzene
Concen: 38.528 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

Tgt Ion: 95 Resp: 418445
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.8
176 87.6 0.0 175.0

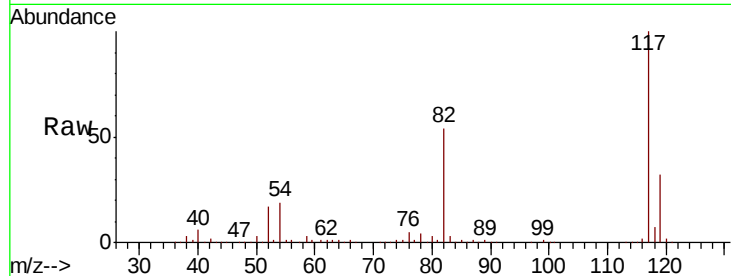




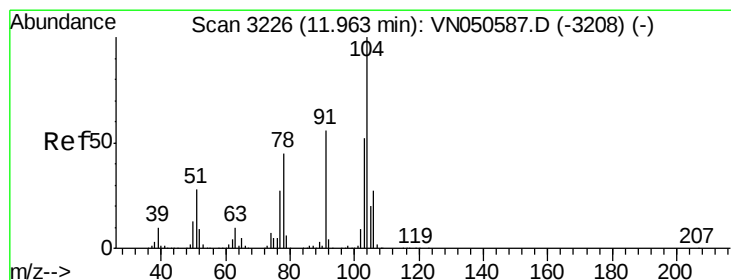
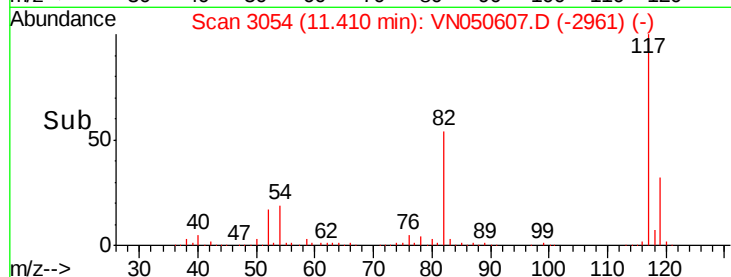
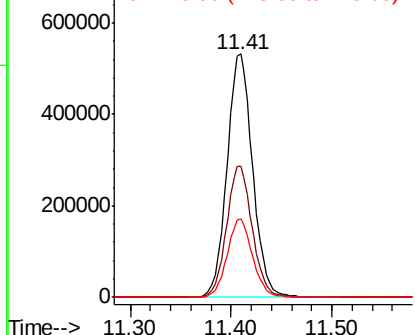
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

Instrument :
MSVOA_N
ClientSampleId :
SP-1-5

Tgt Ion:117 Resp: 940191
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 32.4 25.8 38.8

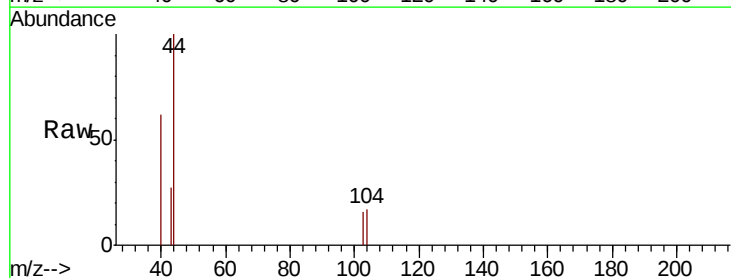


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

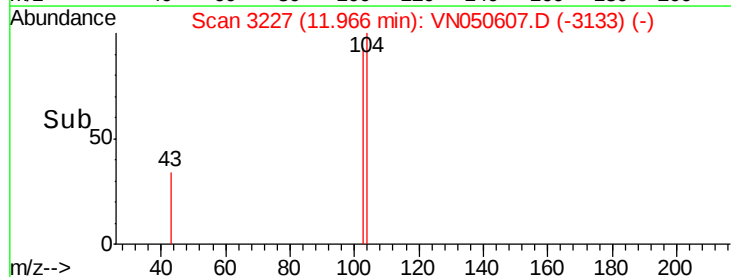
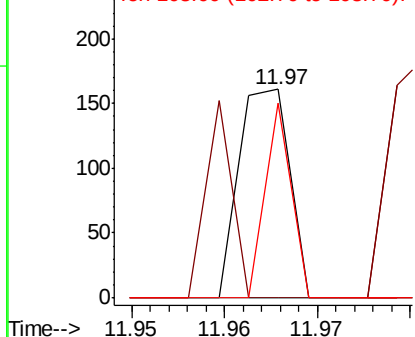


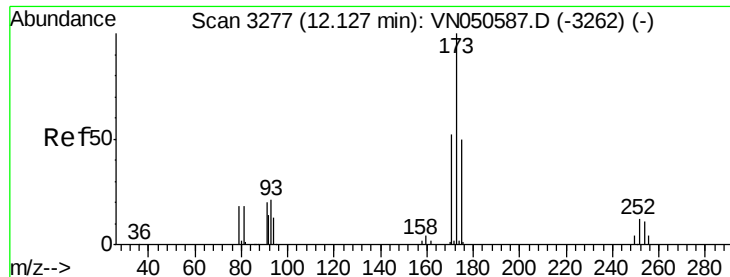
#70
Styrene
Concen: 0.943 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

Tgt Ion:104 Resp: 61
Ion Ratio Lower Upper
104 100
78 47.5 39.1 58.7
103 47.5 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.228 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampled :

SP-1-5

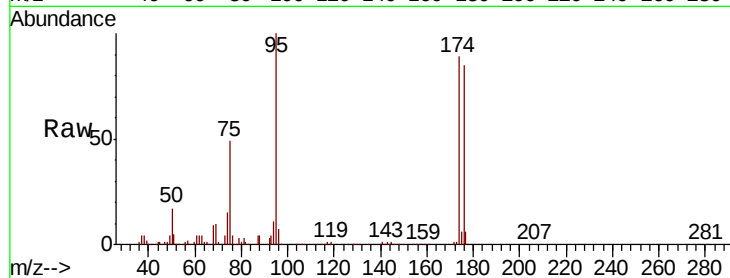
Tgt Ion:173 Resp: 1325

Ion Ratio Lower Upper

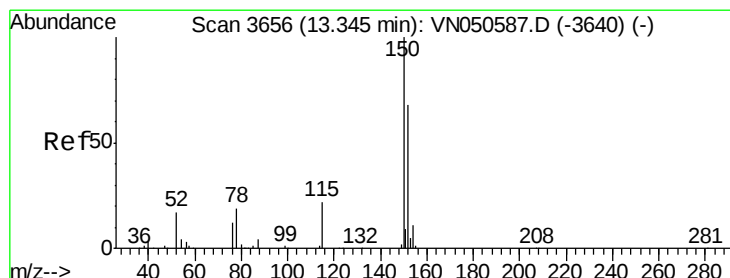
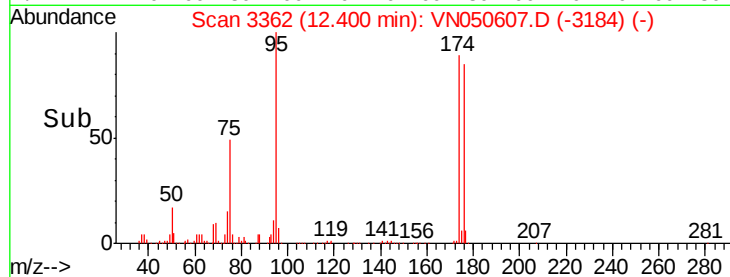
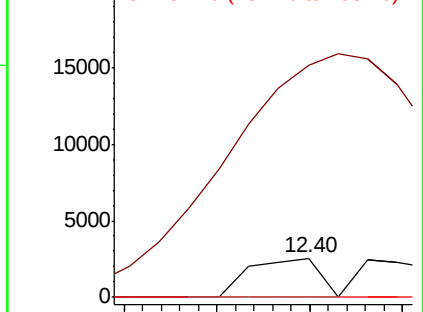
173 100

175 0.0 24.4 73.2#

254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

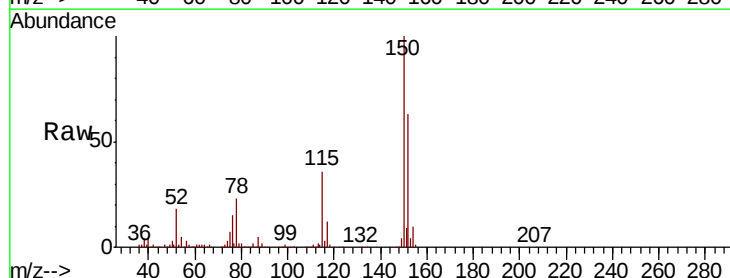
Tgt Ion:152 Resp: 347158

Ion Ratio Lower Upper

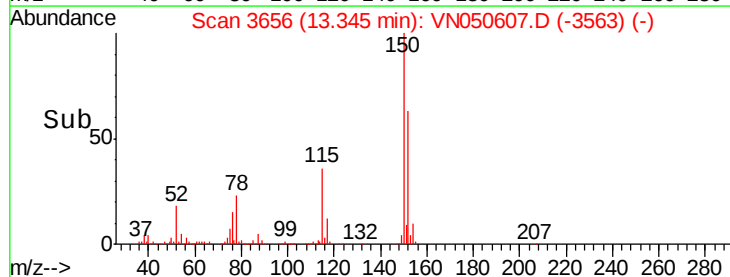
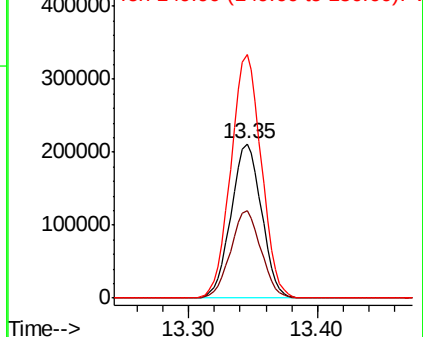
152 100

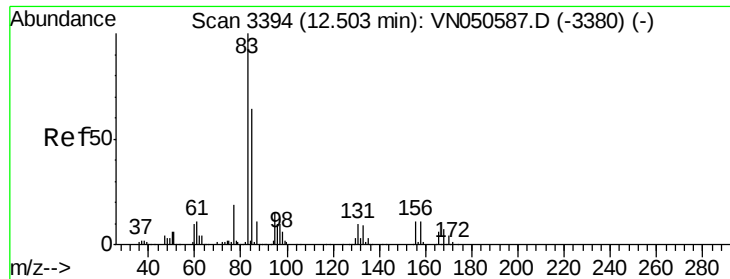
115 56.1 28.1 84.2

150 158.1 0.0 347.8



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# 3363

Delta R.T. -0.10 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

SP-1-5

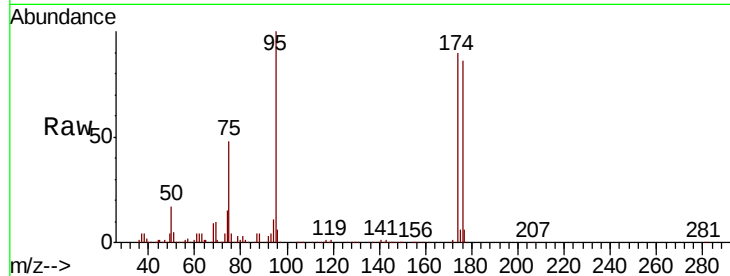
Tgt Ion: 83 Resp: 264

Ion Ratio Lower Upper

83 100

131 166.7 5.3 15.9#

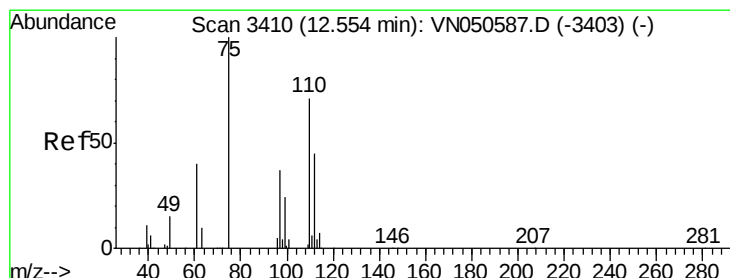
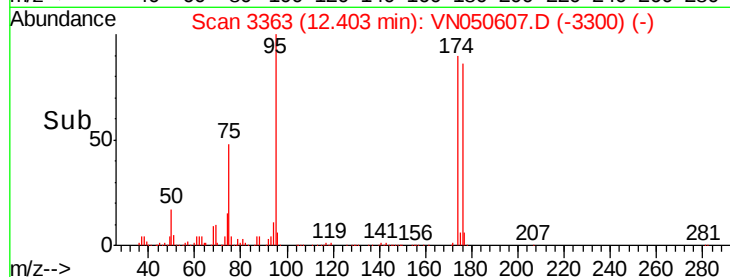
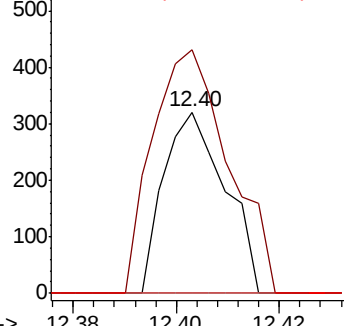
85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 35.637 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050607.D

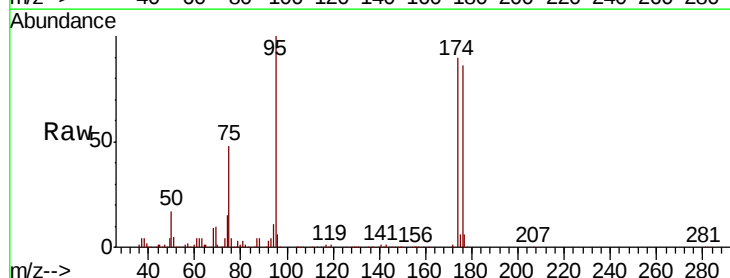
Acq: 14 Aug 2018 17:14

Tgt Ion: 75 Resp: 201540

Ion Ratio Lower Upper

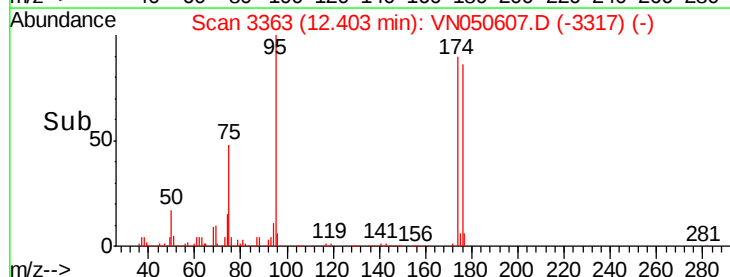
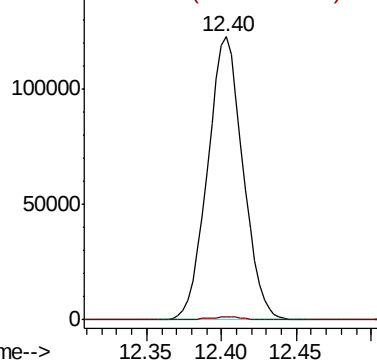
75 100

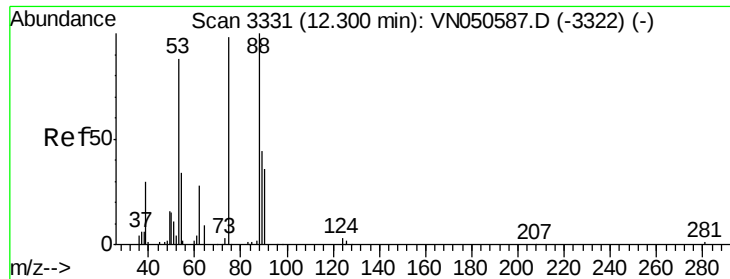
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#81

trans-1,4-Dichloro-2-butene

Concen: 129.067 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

SP-1-5

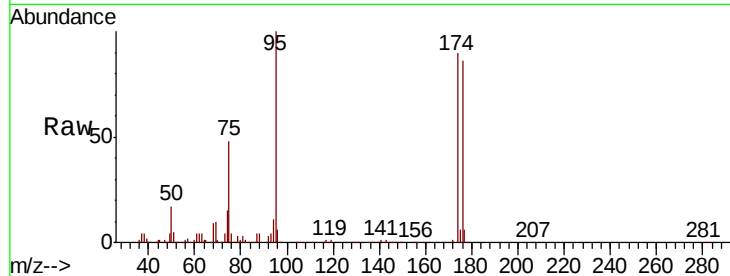
Tgt Ion: 75 Resp: 201540

Ion Ratio Lower Upper

75 100

53 0.1 72.2 108.2#

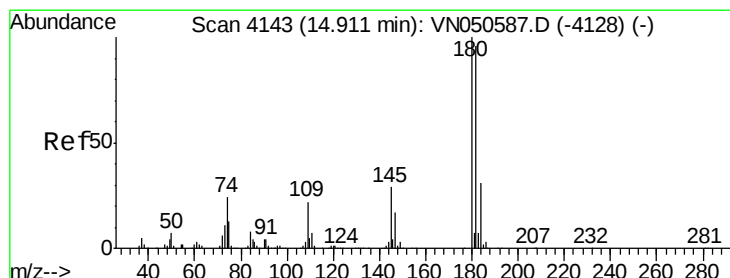
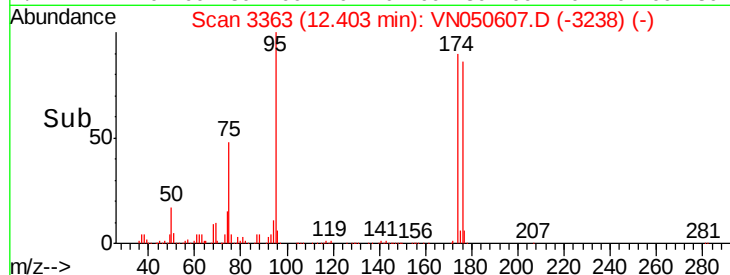
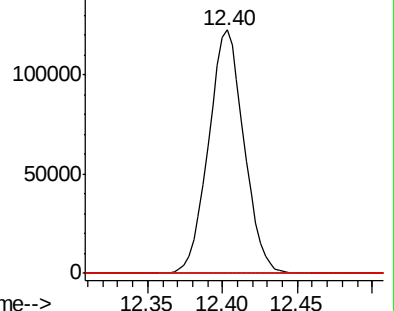
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN050607.D (-4050) (-)

Ion 53.00 (52.70 to 53.70): VN050607.D (-4050) (-)

Ion 88.90 (88.60 to 89.60): VN050607.D (-4050) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.686 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050607.D

Acq: 14 Aug 2018 17:14

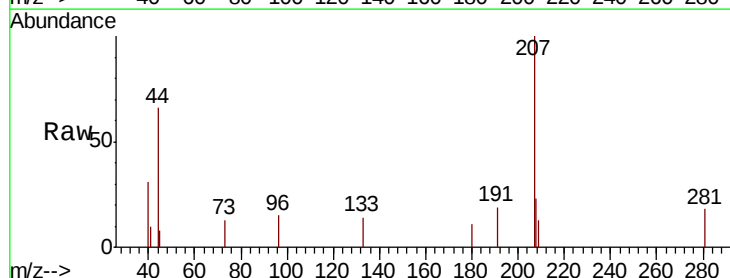
Tgt Ion: 180 Resp: 77

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.7#

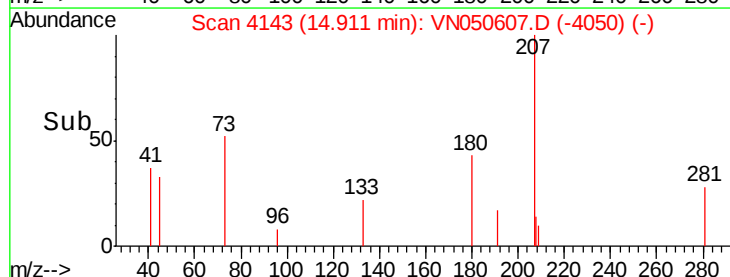
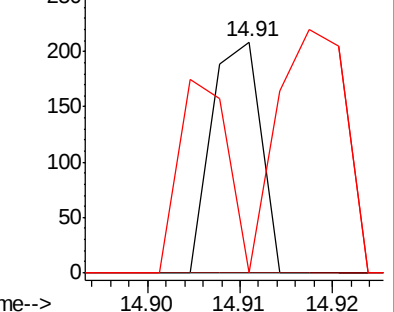
145 148.1 14.4 43.4#

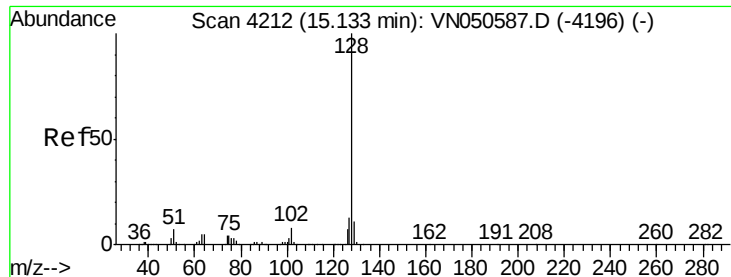


Abundance Ion 179.80 (179.50 to 180.50): VN050607.D (-4050) (-)

Ion 181.80 (181.50 to 182.50): VN050607.D (-4050) (-)

Ion 144.80 (144.50 to 145.50): VN050607.D (-4050) (-)





#95
Naphthalene
Concen: 6.565 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050607.D
Acq: 14 Aug 2018 17:14

Instrument :
MSVOA_N
ClientSampleId :
SP-1-5

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.3	15.5
129	11.1	8.5	12.7

