

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050362.D
 Acq On : 4 Aug 2018 13:17
 Operator : MD\SY
 Sample : J4328-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01

Quant Time: Aug 06 01:36:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1020084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	884864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	443344	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	7.59	113	390825	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	10.09	98	1416547	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.40	95	428701	42.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.04%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	4291	0.43	ug/l	# 83
5) Bromomethane	2.56	94	3416	Below	Cal	# 88
11) Tert butyl alcohol	4.80	59	1783	2.73	ug/l	# 72
13) Acrolein	3.61	56	490	0.93	ug/l	# 89
16) Acetone	3.82	43	39385	14.76	ug/l	# 95
17) Carbon Disulfide	4.05	76	5508	0.25	ug/l	# 95
18) Methyl Acetate	4.34	43	5985	Below	Cal	# 81
19) Methyl tert-butyl Ether	5.05	73	54202	2.78	ug/l	# 98
20) Methylene Chloride	4.54	84	2860	Below	Cal	# 91
25) 2-Butanone	6.85	43	1654	0.49	ug/l	# 84
31) Cyclohexane	7.66	56	20198	1.59	ug/l	# 31
36) 1,1-Dichloropropene	7.67	75	44097	3.84	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	57327	4.70	ug/l	# 16
39) Methylcyclohexane	9.08	83	10022	0.85	ug/l	# 92
41) Methacrylonitrile	7.21	41	29	2.76	ug/l	# 1
43) Isopropyl Acetate	8.29	43	81203	4.34	ug/l	# 61
49) 1,4-Dioxane	9.21	88	156	1.66	ug/l	# 1
55) 1,1,2-Trichloroethane	10.54	97	2994	0.37	ug/l	# 22
56) Ethyl methacrylate	10.44	69	1486	2.16	ug/l	# 1
59) 2-Hexanone	10.61	43	5515	6.11	ug/l	# 62
65) Chlorobenzene	11.44	112	137773	6.16	ug/l	# 97
70) Styrene	11.96	104	353	0.94	ug/l	# 50
71) Bromoform	12.40	173	4018	0.64	ug/l	# 1
73) Isopropylbenzene	12.25	105	9029	0.30	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	12.52	83	124	Below	Cal	# 10
76) 1,2,3-Trichloropropane	12.40	75	207921	28.90	ug/l	# 100
77) Bromobenzene	12.52	156	3636	0.44	ug/l	# 1
78) n-propylbenzene	12.59	91	7537	0.22	ug/l	# 98
81) trans-1,4-Dichloro-2-buten	12.40	75	207921	91.66	ug/l	# 13
83) tert-Butylbenzene	12.99	119	5887	0.29	ug/l	# 94
85) sec-Butylbenzene	13.17	105	11332	0.41	ug/l	# 58
86) p-Isopropyltoluene	13.44	119	12512	0.54	ug/l	# 91
90) Hexachloroethane	13.90	117	2776	0.54	ug/l	# 4
92) 1,2-Dibromo-3-Chloropropan	14.20	75	60	Below	Cal	# 1

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QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

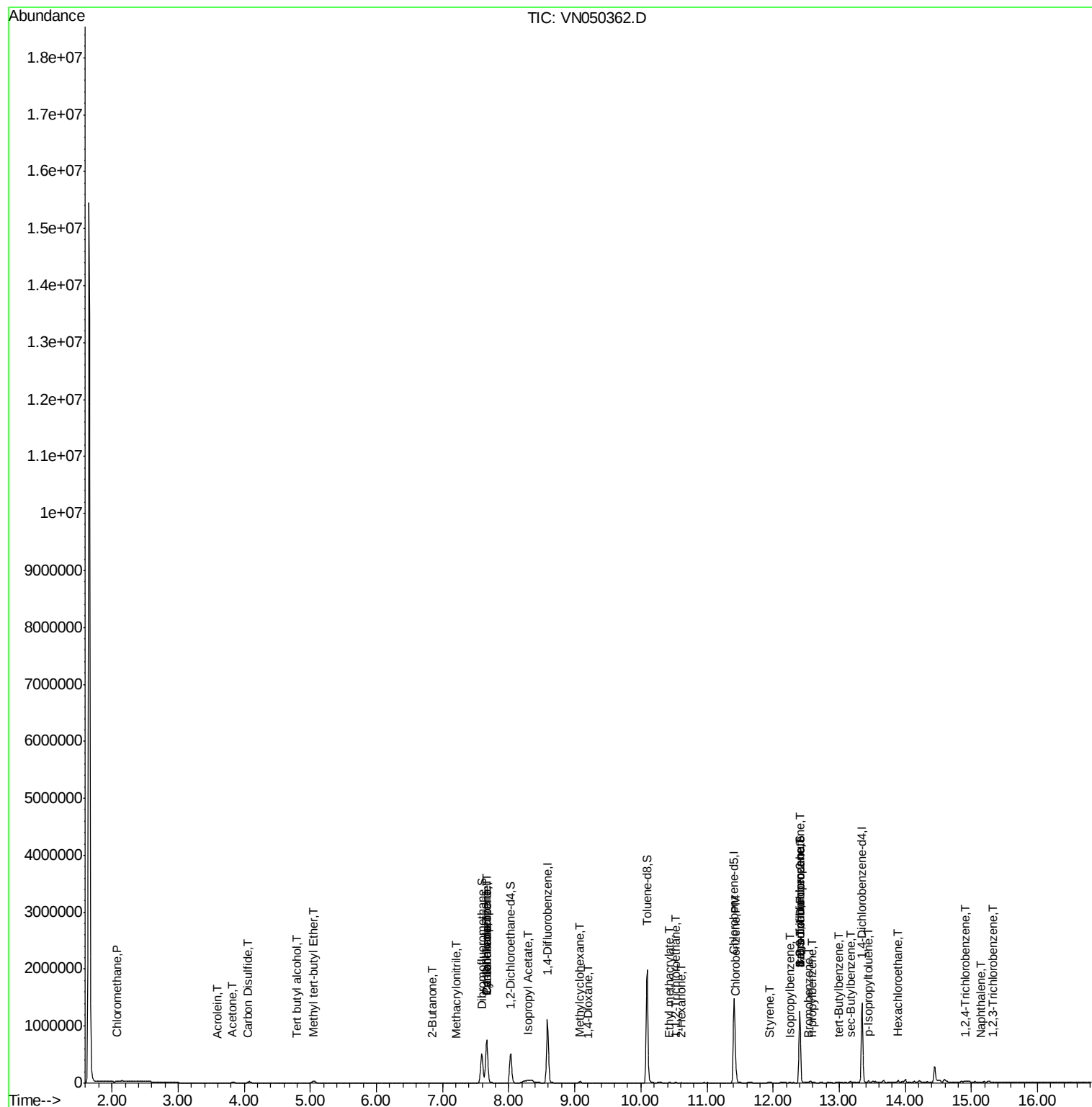
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	576	3.16	ug/l #	1
95) Naphthalene	15.14	128	3495	4.60	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.31	180	785	2.31	ug/l #	1

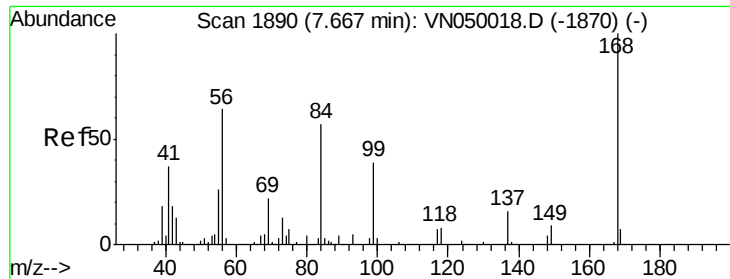
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampled :

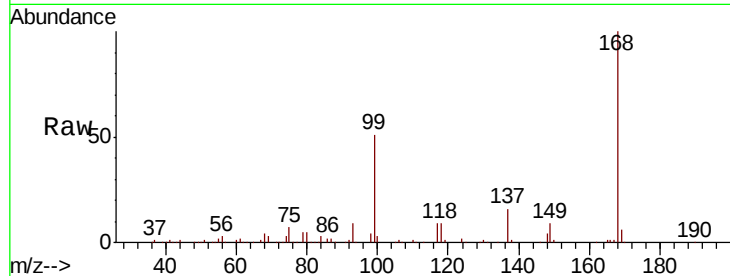
MW-01

Tot Ion:168 Resp: 635874

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

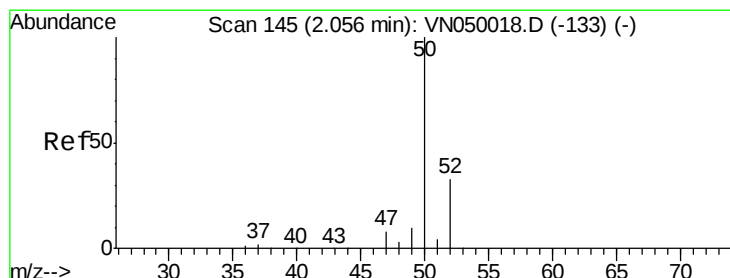
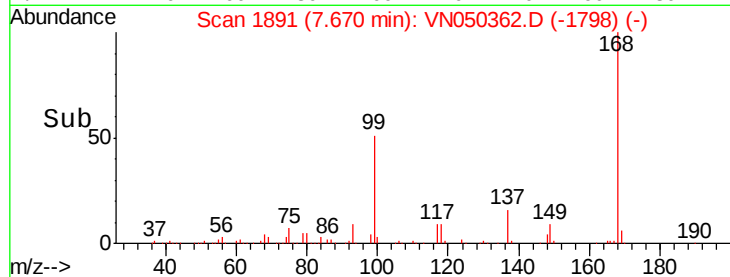
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.43 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050362.D

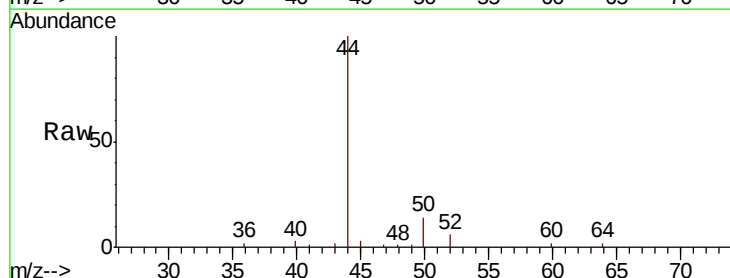
Acq: 4 Aug 2018 13:17

Tgt Ion: 50 Resp: 4291

Ion Ratio Lower Upper

50 100

52 42.1 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

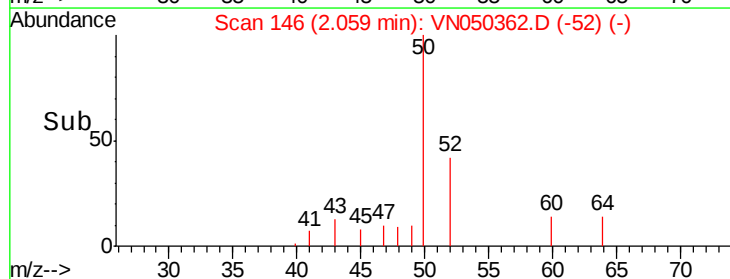
3000

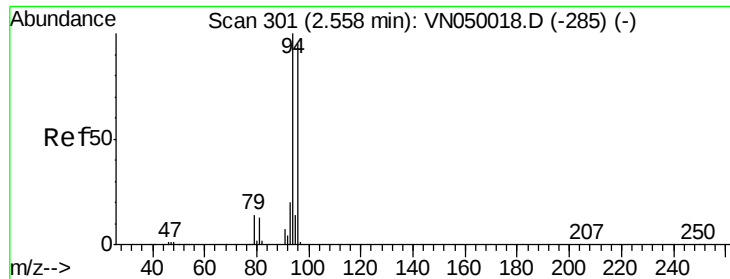
2000

1000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampleId :

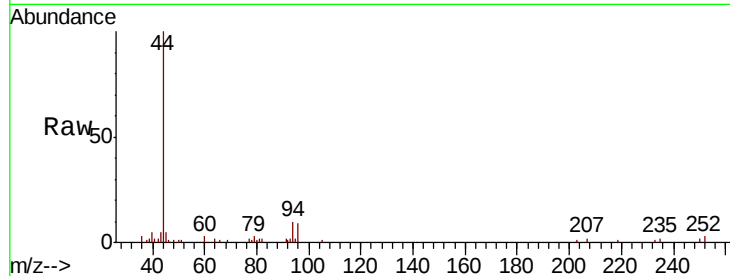
MW-01

Tot Ion: 94 Resp: 3416

Ion Ratio Lower Upper

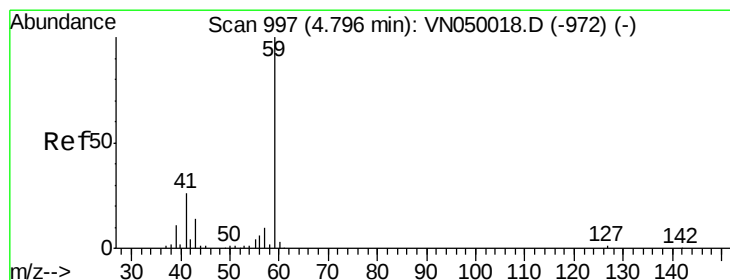
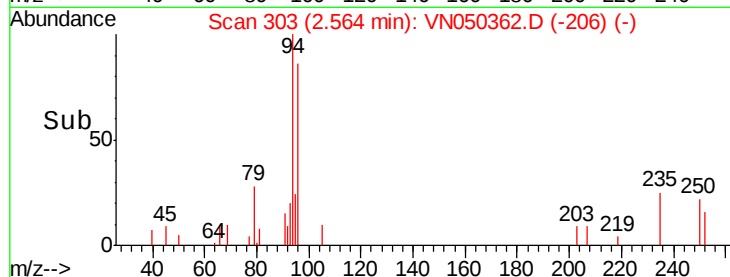
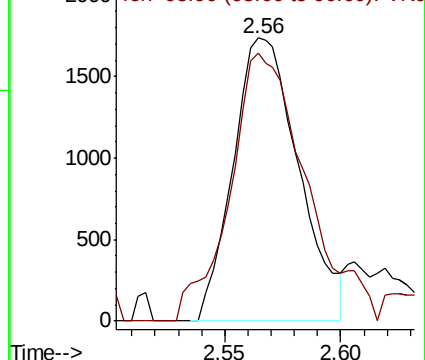
94 100

96 81.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 2.73 ug/l

RT: 4.80 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN050362.D

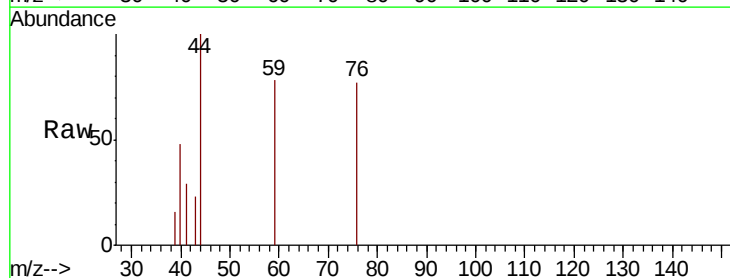
Acq: 4 Aug 2018 13:17

Tgt Ion: 59 Resp: 1783

Ion Ratio Lower Upper

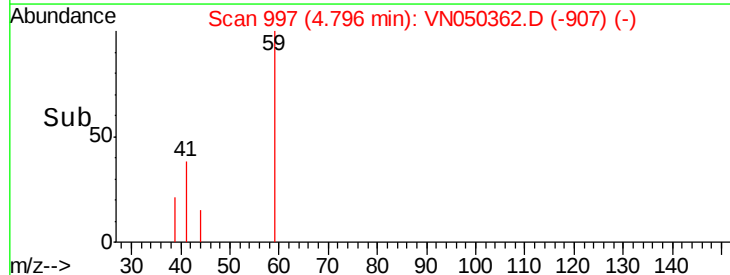
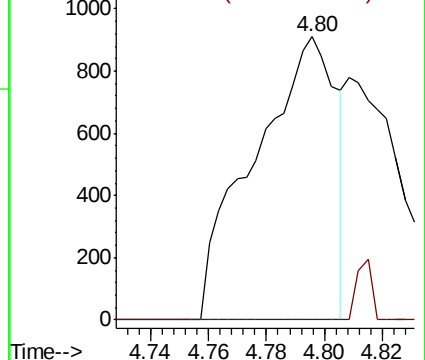
59 100

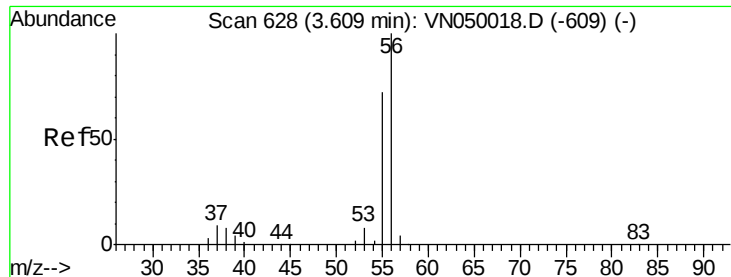
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.93 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampled :

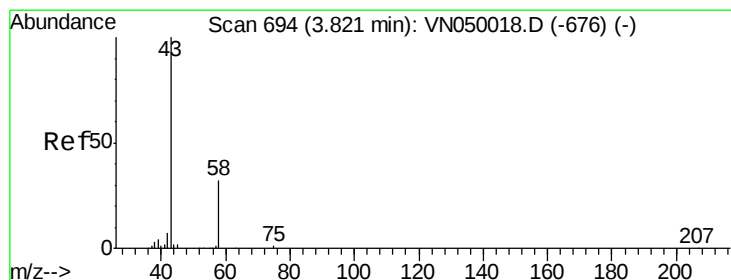
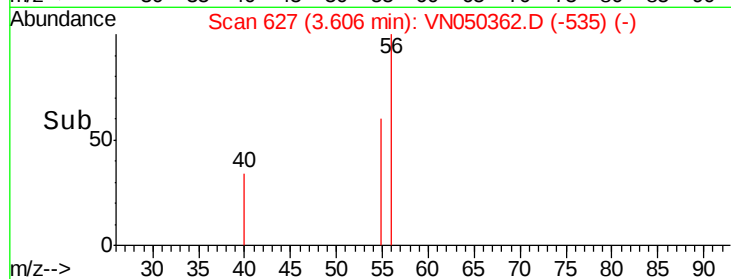
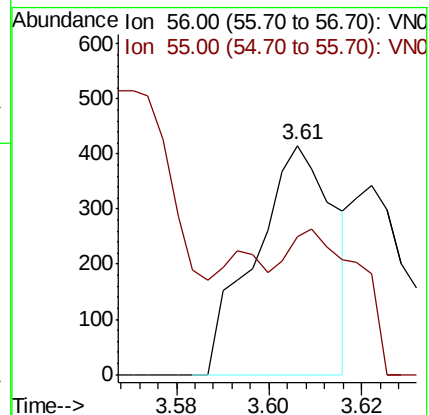
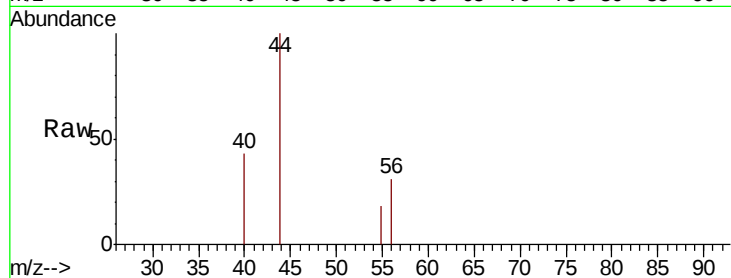
MW-01

Tot Ion: 56 Resp: 490

Ion Ratio Lower Upper

56 100

55 60.8 55.8 83.6



#16

Acetone

Concen: 14.76 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050362.D

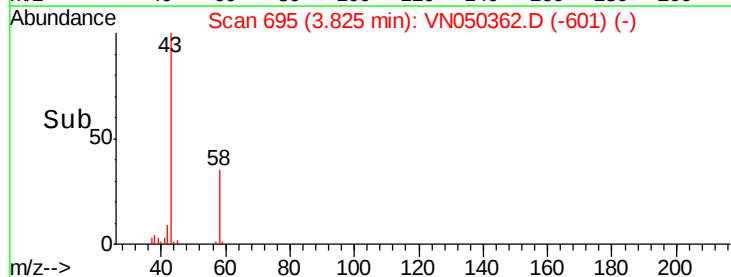
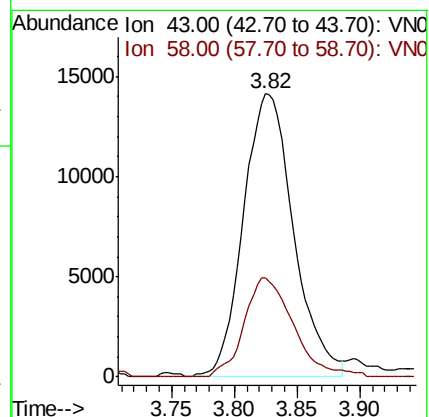
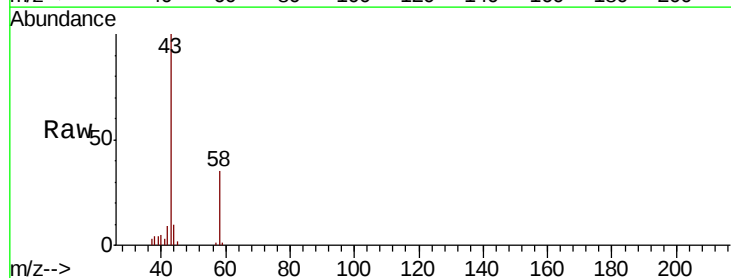
Acq: 4 Aug 2018 13:17

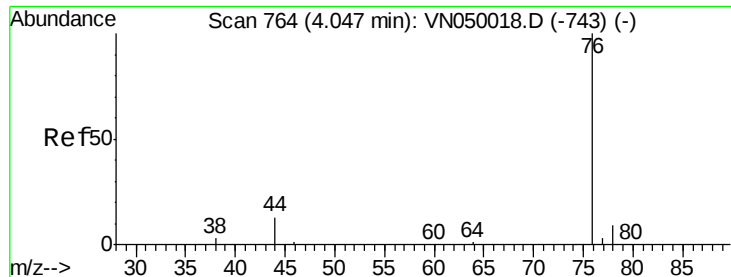
Tgt Ion: 43 Resp: 39385

Ion Ratio Lower Upper

43 100

58 34.9 25.8 38.8

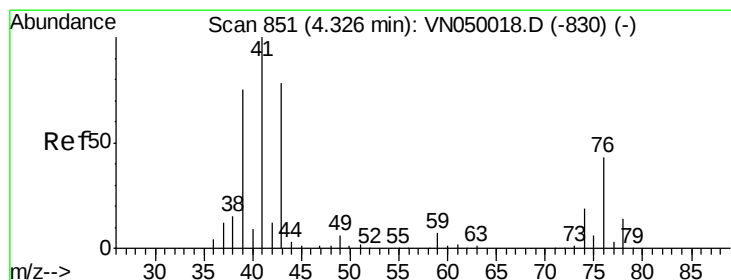
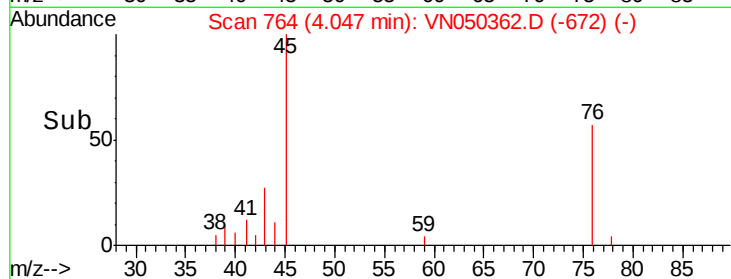
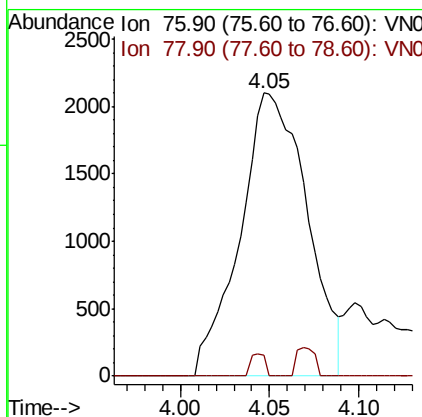
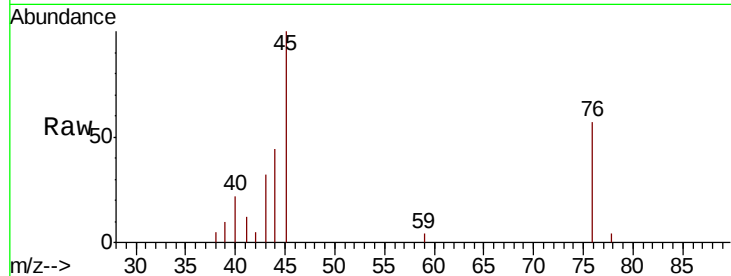




#17
Carbon Disulfide
Concen: 0.25 ua/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

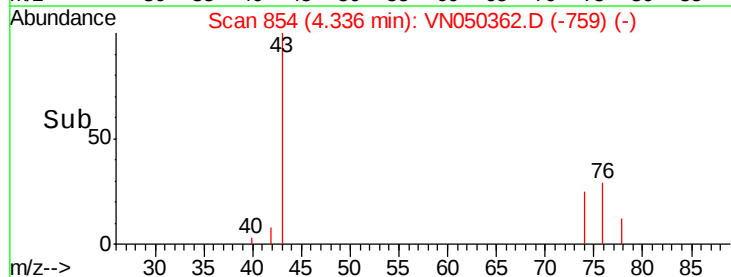
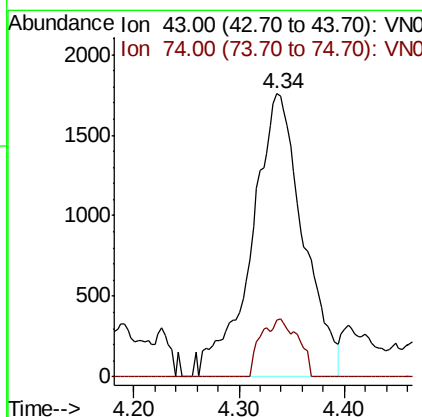
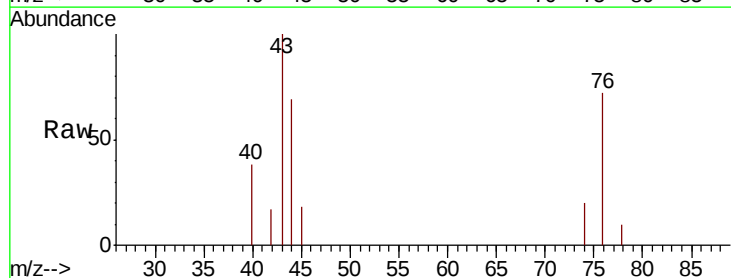
Instrument :
MSVOA_N
ClientSampled :
MW-01

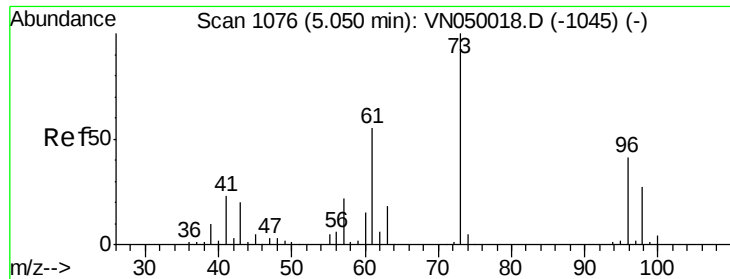
Tot Ion: 76 Resp: 5508
Ion Ratio Lower Upper
76 100
78 7.3 7.3 10.9



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

Tgt Ion: 43 Resp: 5985
Ion Ratio Lower Upper
43 100
74 14.6 19.2 28.8#

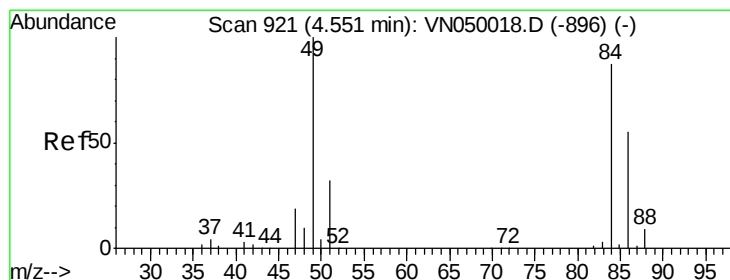
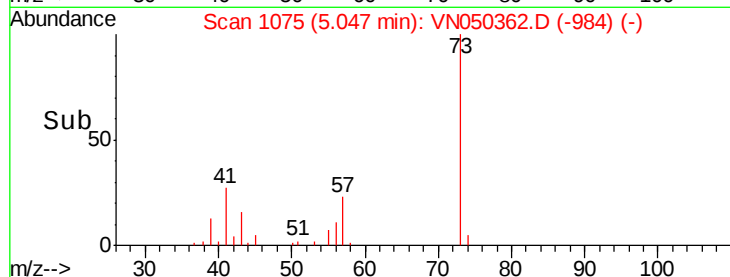
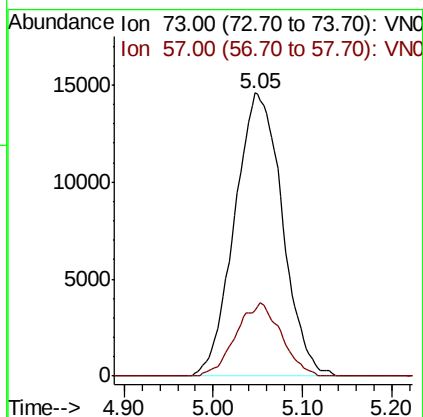
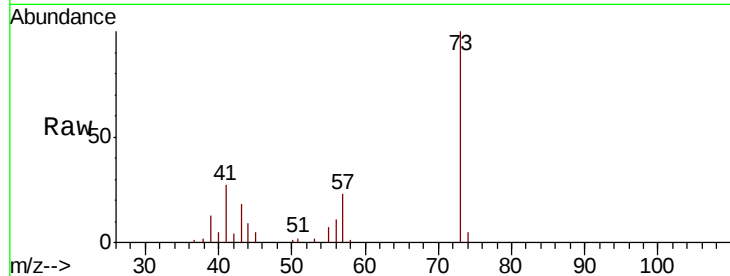




#19
Methyl tert-butyl Ether
Concen: 2.78 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

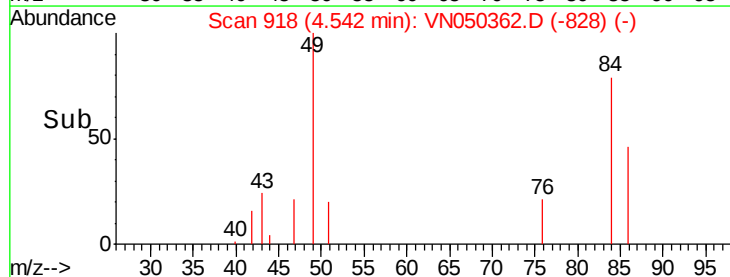
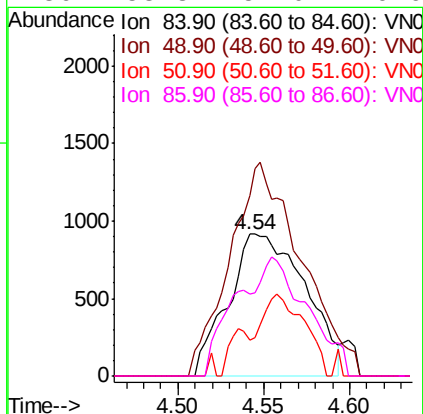
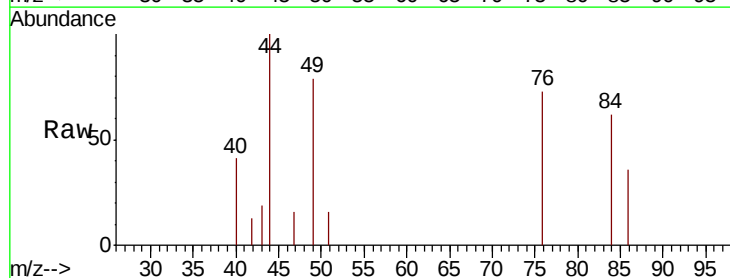
Instrument :
MSVOA_N
ClientSampled :
MW-01

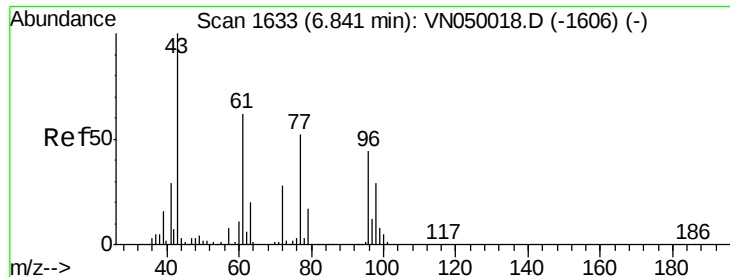
Tot Ion: 73 Resp: 54202
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

Tgt Ion: 84 Resp: 2860
Ion Ratio Lower Upper
84 100
49 127.3 94.8 142.2
51 25.6 28.3 42.5#
86 58.3 51.0 76.6





#25

2-Butanone

Concen: 0.49 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampleId :

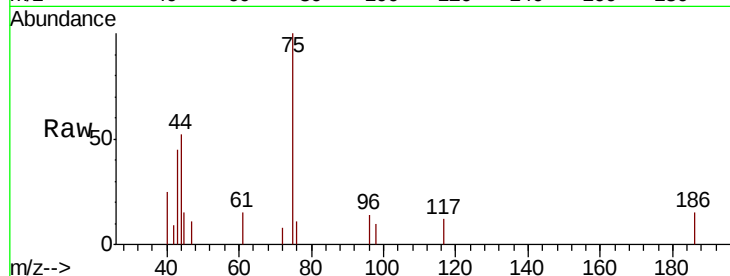
MW-01

Tot Ion: 43 Resp: 1654

Ion Ratio Lower Upper

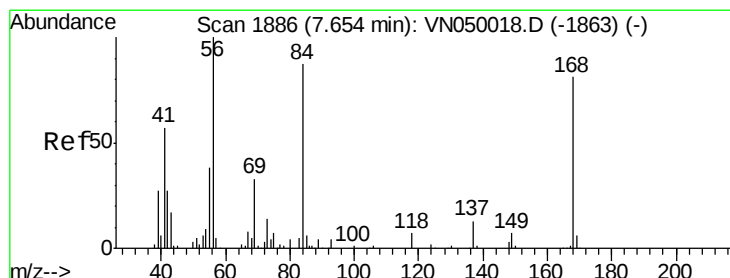
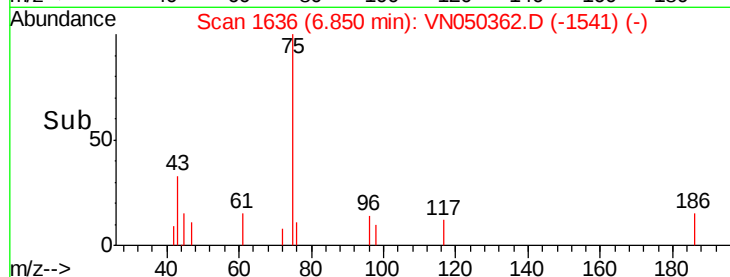
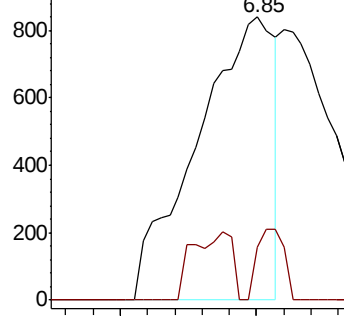
43 100

72 18.8 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#31

Cyclohexane

Concen: 1.59 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

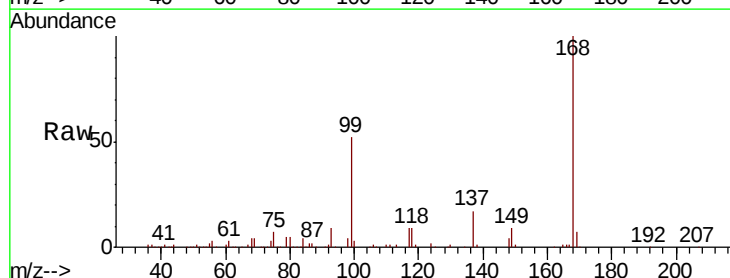
Tgt Ion: 56 Resp: 20198

Ion Ratio Lower Upper

56 100

69 124.4 26.2 39.4#

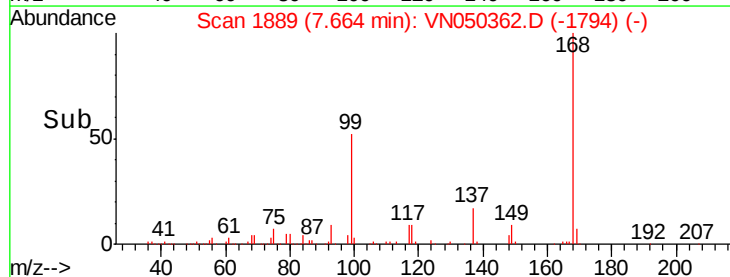
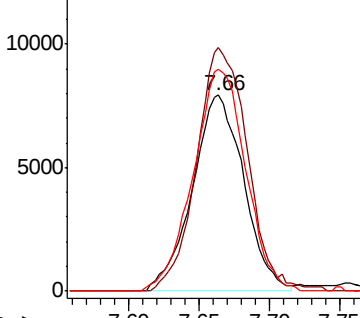
84 113.4 67.4 101.0#

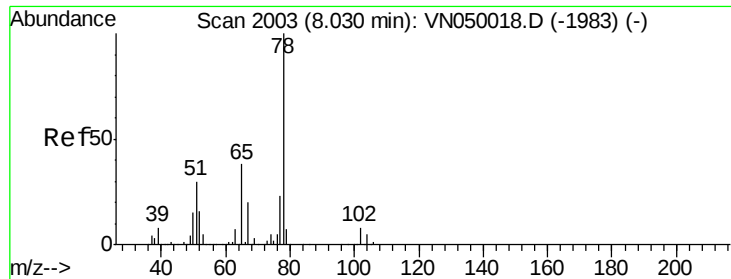


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

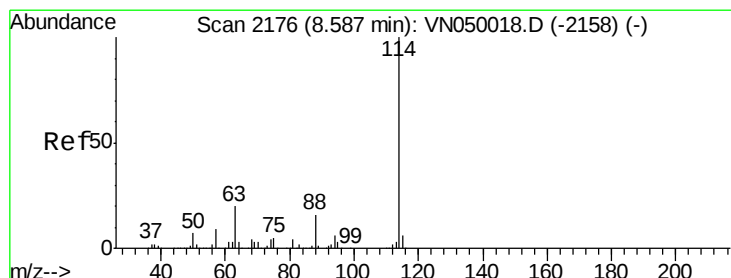
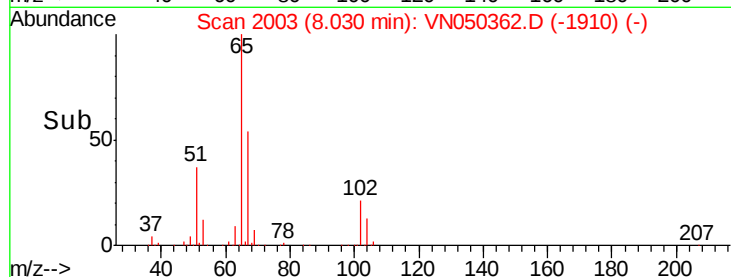
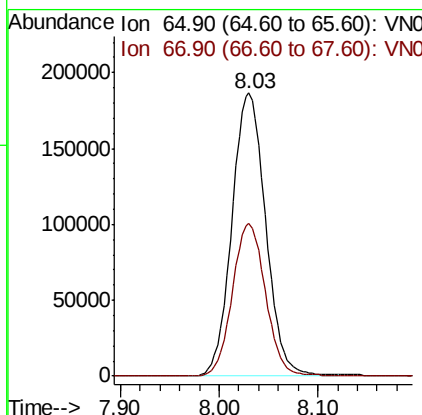
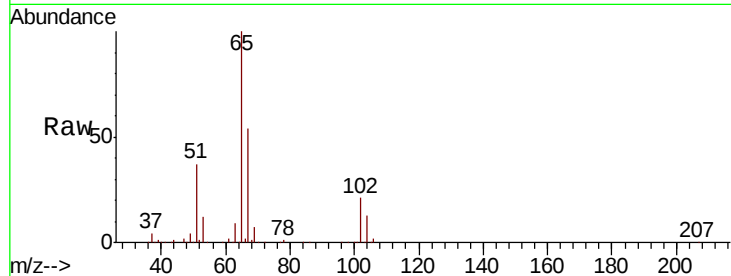




#33
 1,2-Dichloroethane-d4
 Concen: 49.97 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

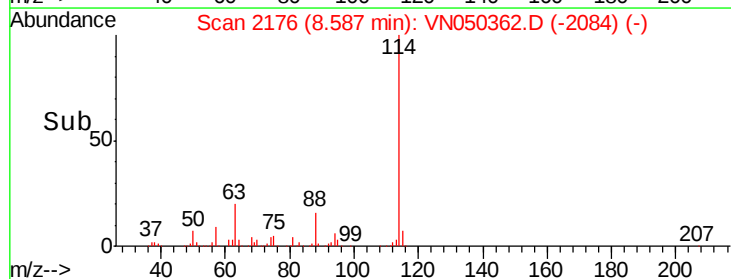
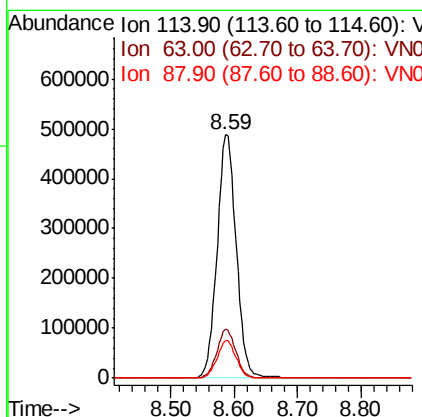
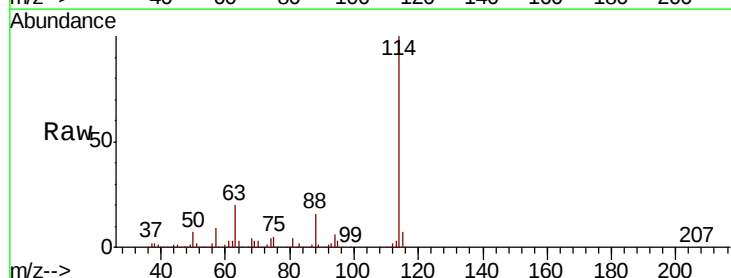
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01

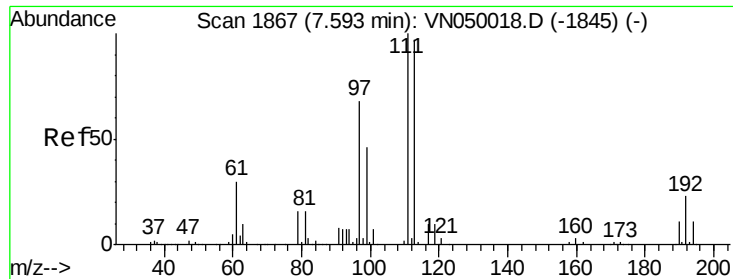
Tot Ion: 65 Resp: 443344
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

Tgt Ion: 114 Resp: 1020084
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.5 0.0 31.2

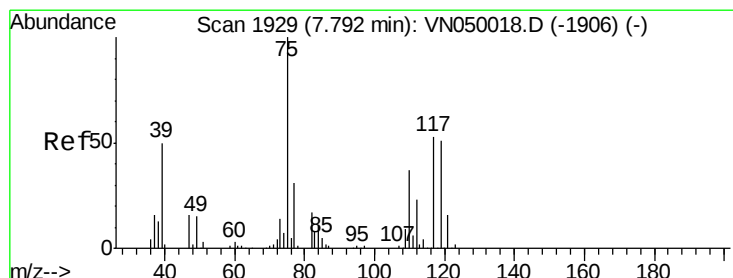
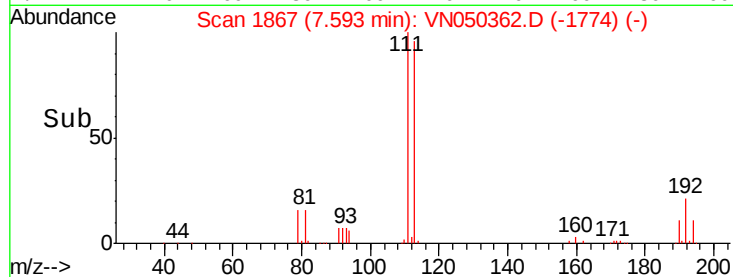
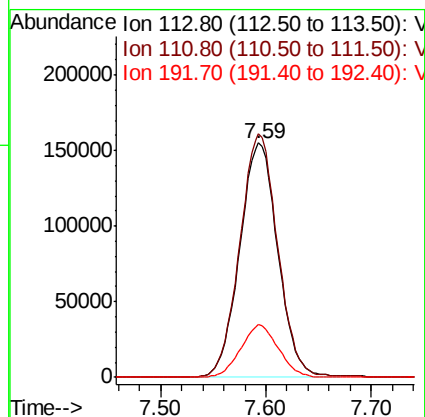
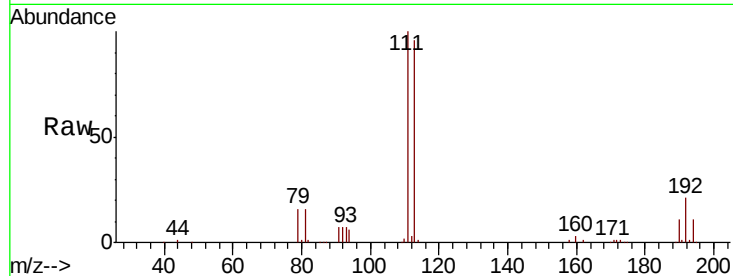




#35
 Dibromofluoromethane
 Concen: 46.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

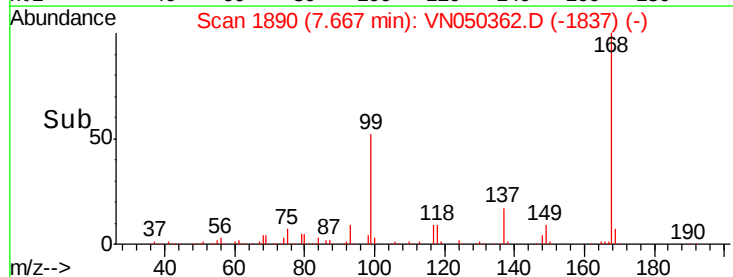
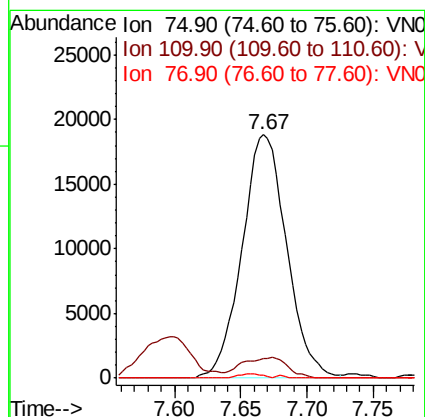
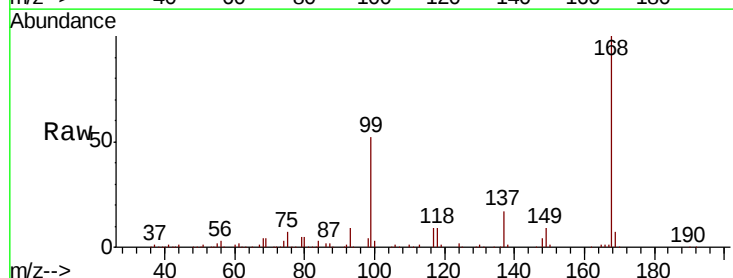
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01

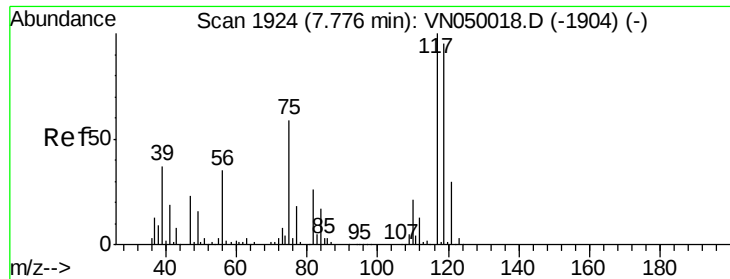
Tot Ion:113 Resp: 390825
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.7 121.1
 192 22.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.84 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

Tgt Ion: 75 Resp: 44097
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.4 55.2#
 77 0.2 25.3 37.9#

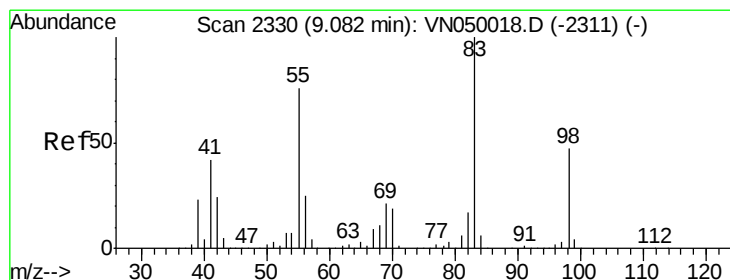
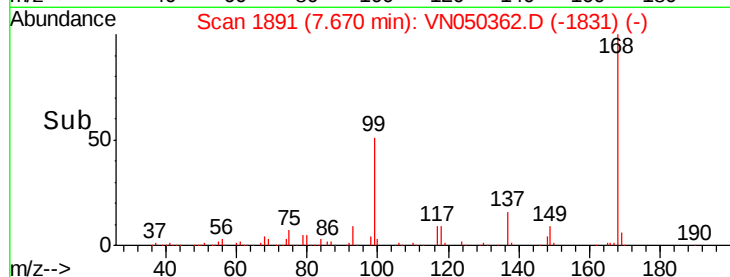
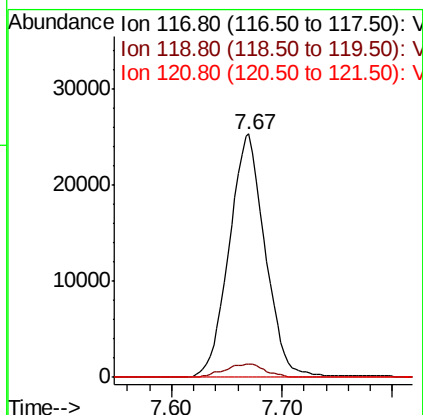
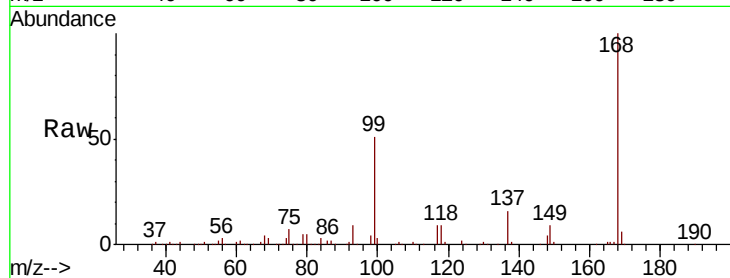




#38
Carbon Tetrachloride
Concen: 4.70 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

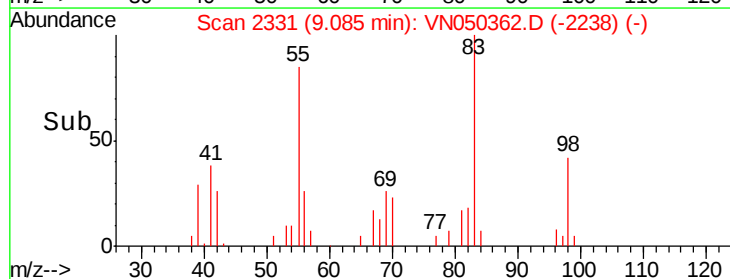
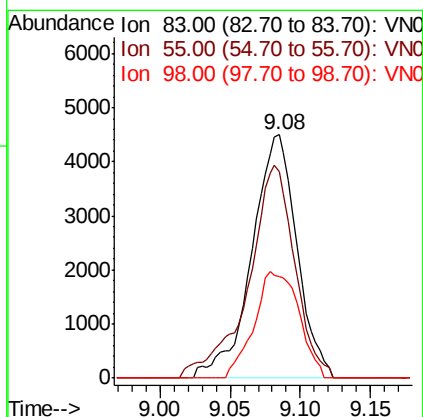
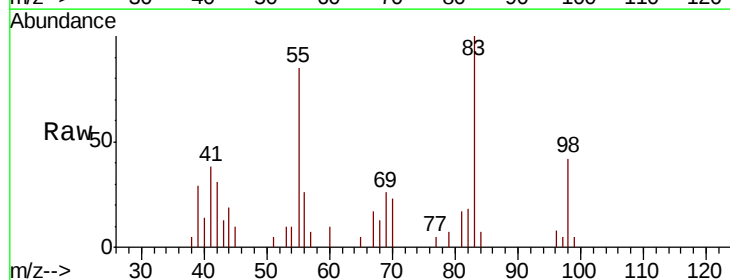
Instrument :
MSVOA_N
ClientSampled :
MW-01

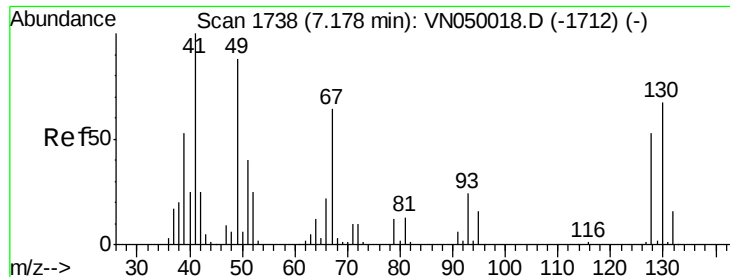
Tot Ion:117 Resp: 57327
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 0.85 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

Tgt Ion: 83 Resp: 10022
Ion Ratio Lower Upper
83 100
55 84.9 61.8 92.8
98 41.6 36.5 54.7

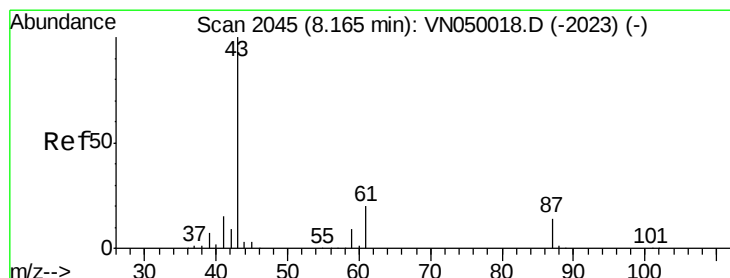
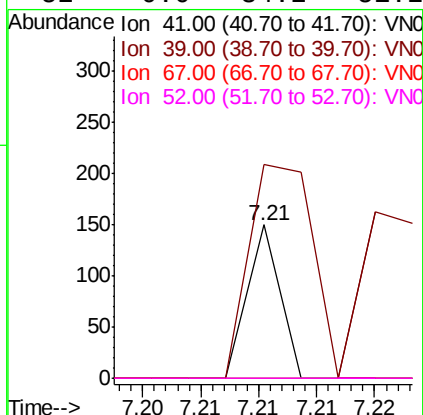
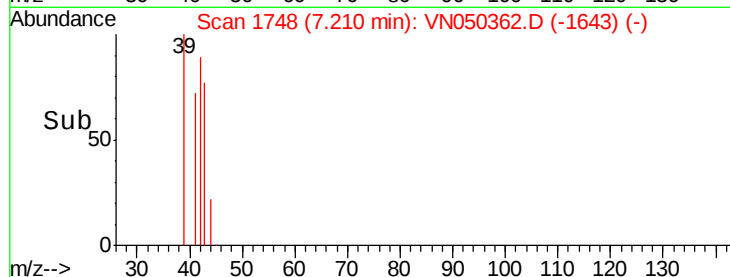
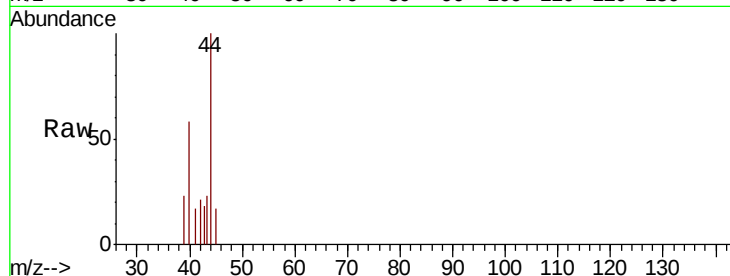




#41
Methacrylonitrile
Concen: 2.76 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

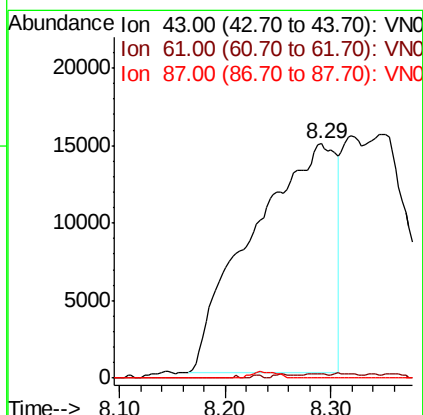
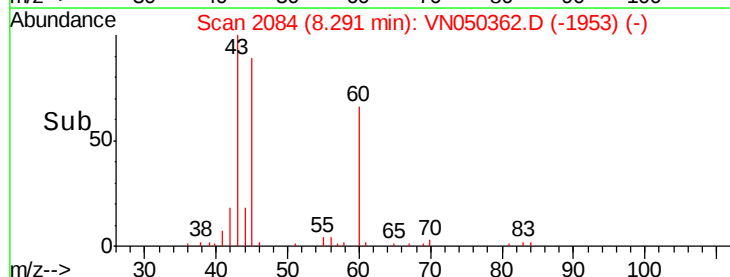
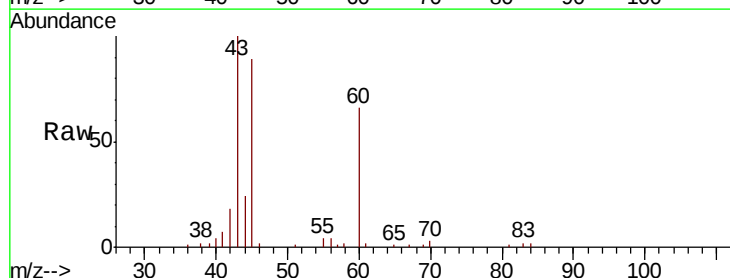
Instrument :
MSVOA_N
ClientSampled :
MW-01

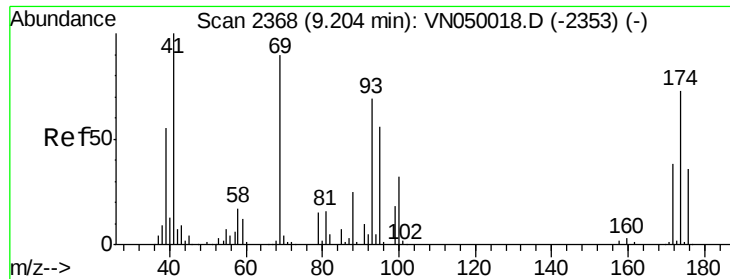
Tot Ion: 41 Resp: 29
Ion Ratio Lower Upper
41 100
39 272.4 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 4.34 ug/l
RT: 8.29 min Scan# 2084
Delta R.T. 0.12 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

Tgt Ion: 43 Resp: 81203
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.0 10.3 15.5#





#49

1,4-Dioxane

Concen: 1.66 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampled :

MW-01

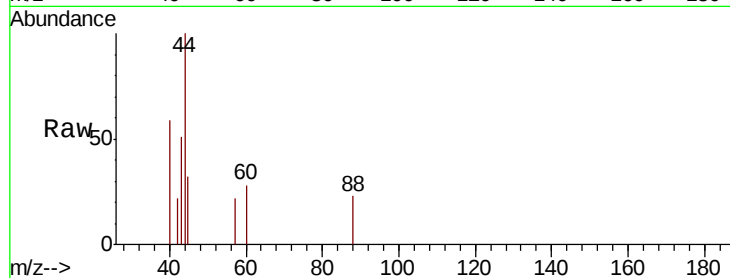
Tot Ion: 88 Resp: 156

Ion Ratio Lower Upper

88 100

43 226.9 26.9 40.3#

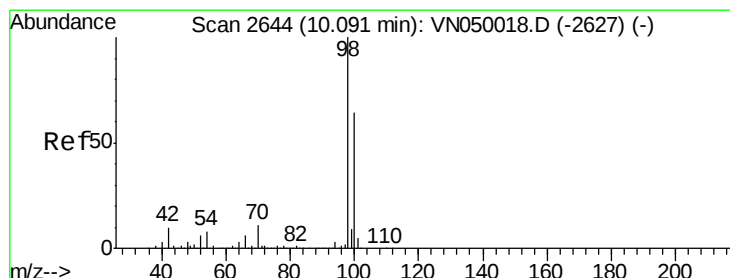
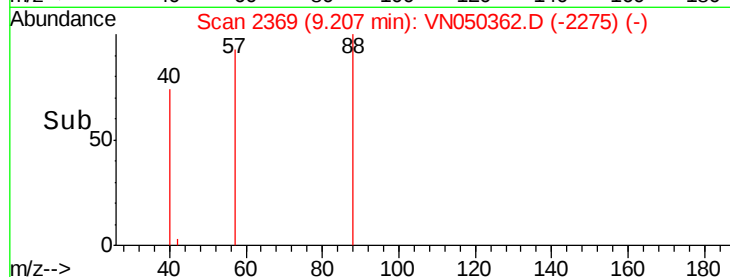
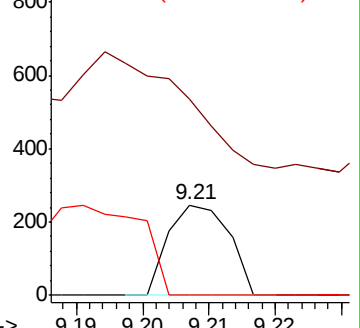
58 160.3 57.3 85.9#



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



#50

Toluene-d8

Concen: 46.26 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050362.D

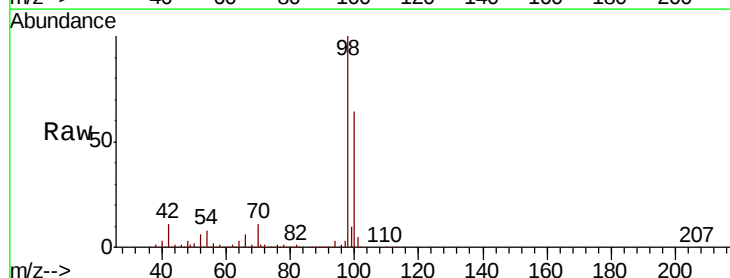
Acq: 4 Aug 2018 13:17

Tgt Ion: 98 Resp: 1416547

Ion Ratio Lower Upper

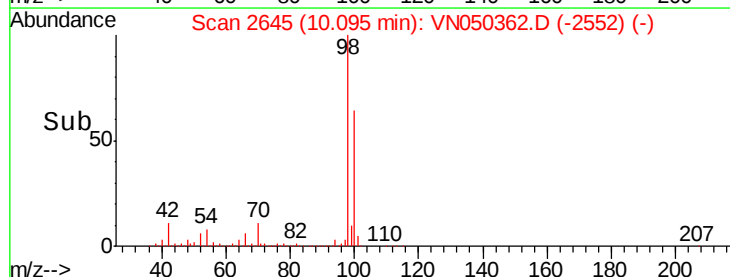
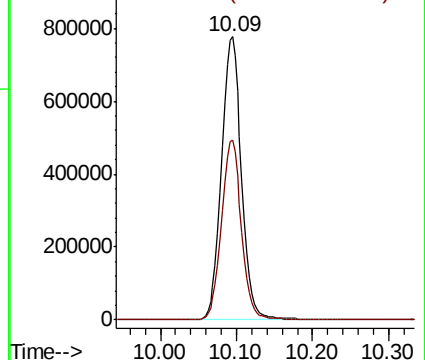
98 100

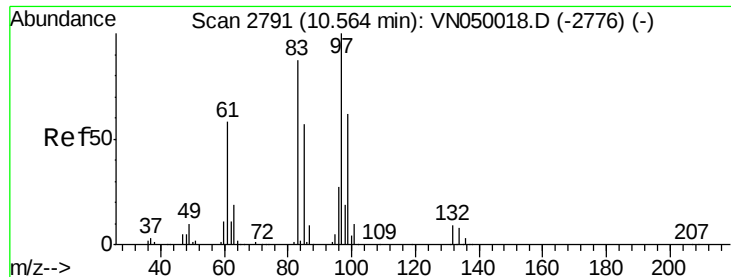
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

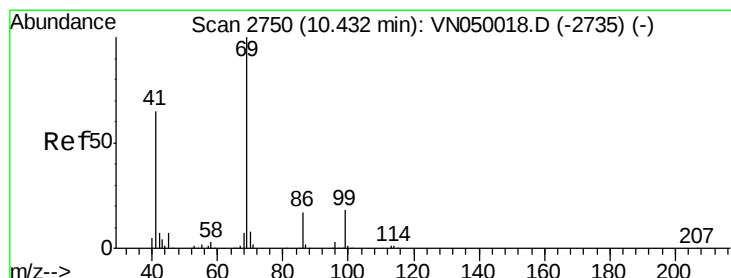
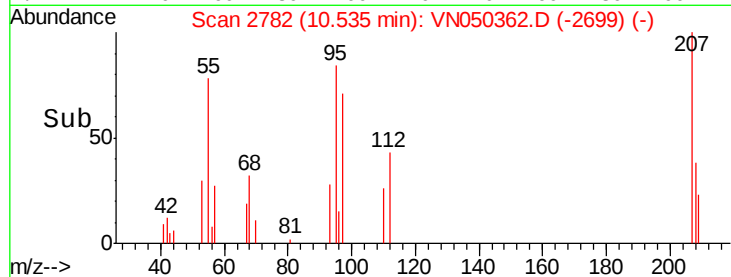
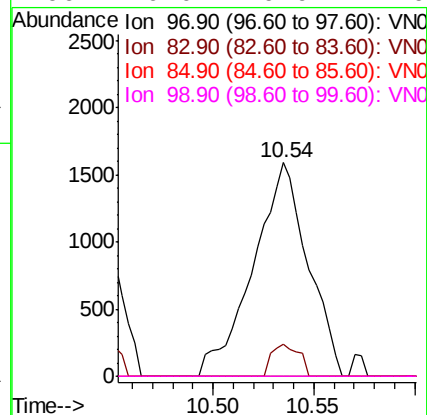
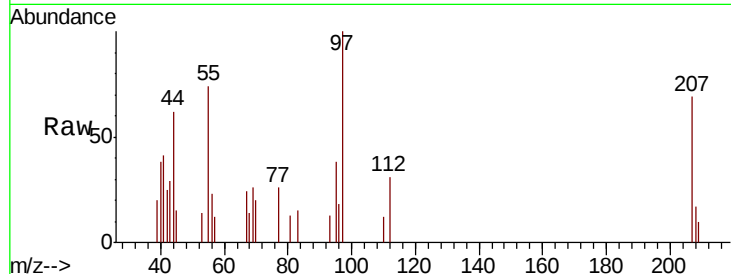




#55
 1,1,2-Trichloroethane
 Concen: 0.37 ug/l
 RT: 10.54 min Scan# 2782
 Delta R.T. -0.03 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

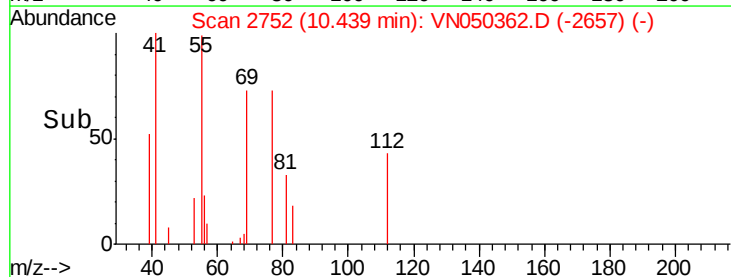
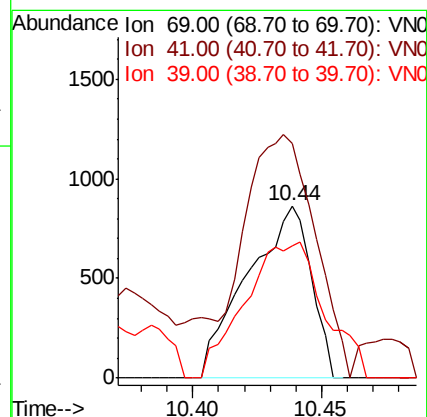
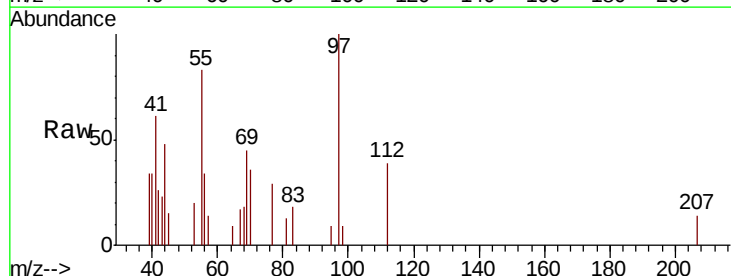
Instrument :
 MSVOA_N
 ClientSampled :
 MW-01

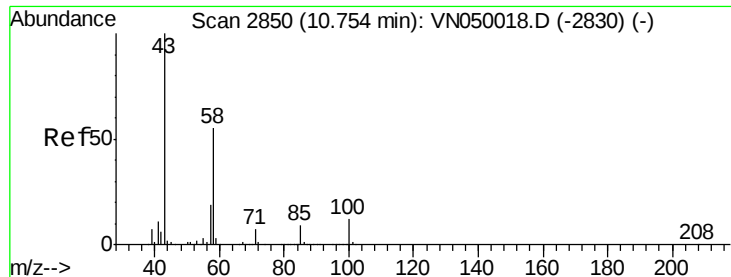
Tot Ion: 97 Resp: 2994
 Ion Ratio Lower Upper
 97 100
 83 15.1 69.2 103.8#
 85 0.0 44.0 66.0#
 99 0.0 49.9 74.9#



#56
 Ethyl methacrylate
 Concen: 2.16 ug/l
 RT: 10.44 min Scan# 2752
 Delta R.T. 0.01 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

Tgt Ion: 69 Resp: 1486
 Ion Ratio Lower Upper
 69 100
 41 155.9 51.0 76.4#
 39 97.8 26.6 40.0#

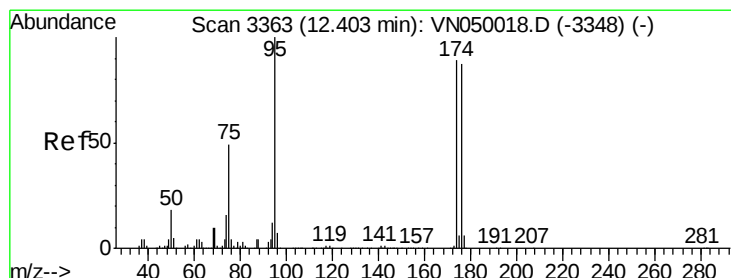
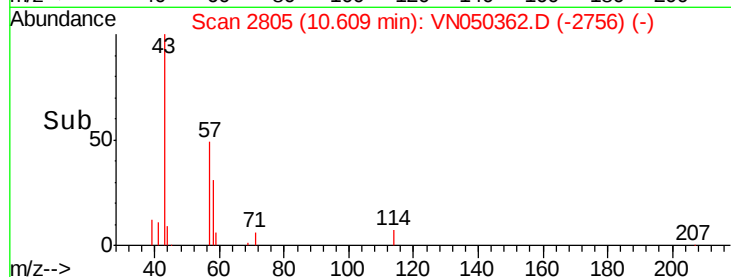
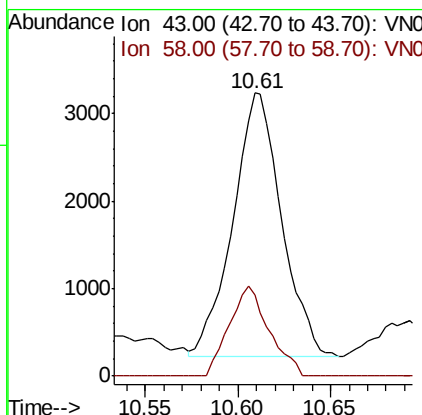
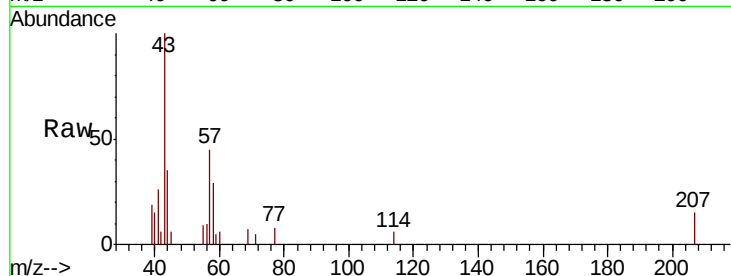




#59
2-Hexanone
Concen: 6.11 ug/l
RT: 10.61 min Scan# 2805
Delta R.T. -0.14 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

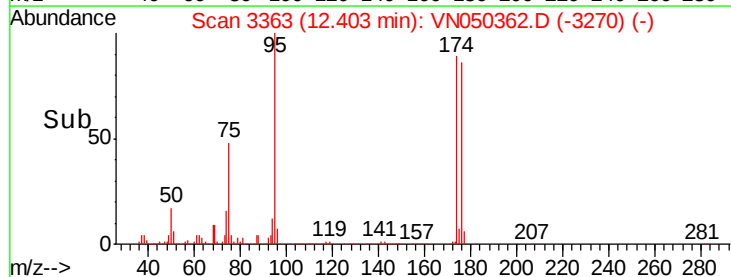
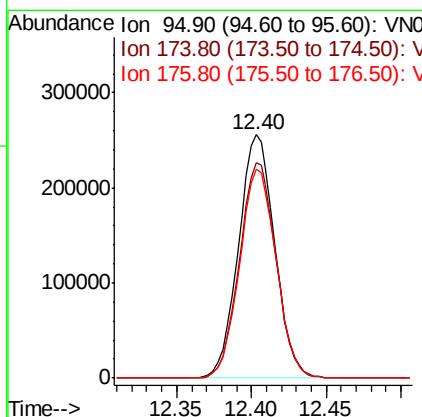
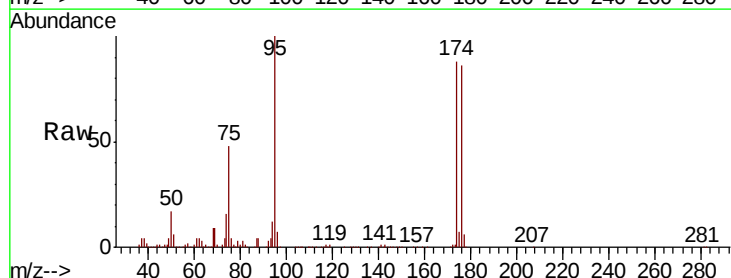
Instrument :
MSVOA_N
ClientSampleId :
MW-01

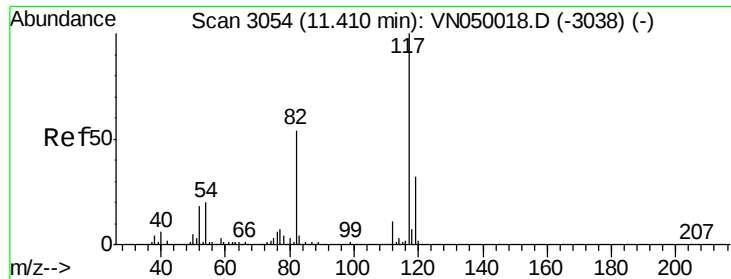
Tot Ion: 43 Resp: 5515
Ion Ratio Lower Upper
43 100
58 27.7 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 42.52 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

Tgt Ion: 95 Resp: 428701
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.2
176 87.1 0.0 173.4

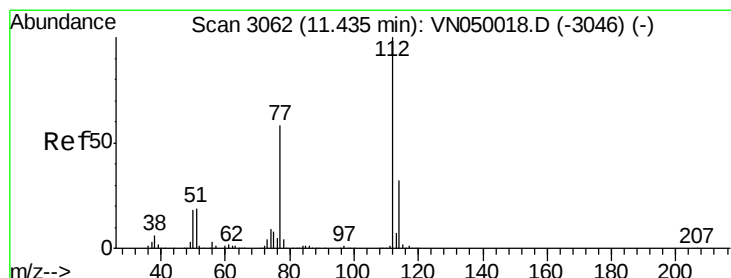
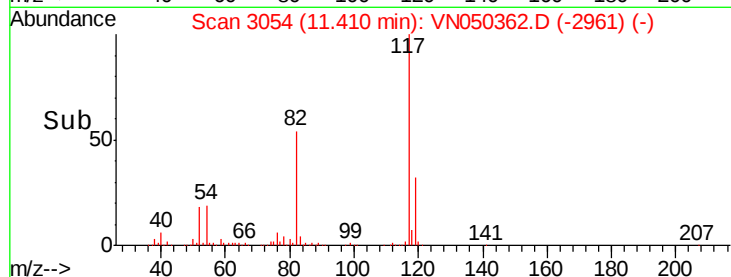
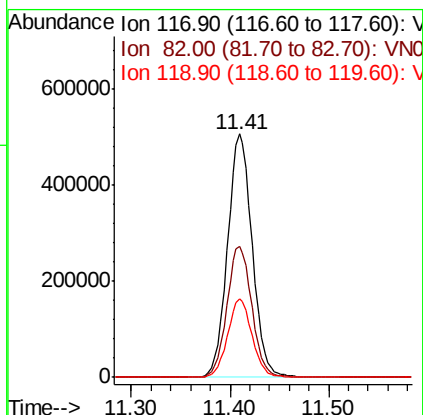
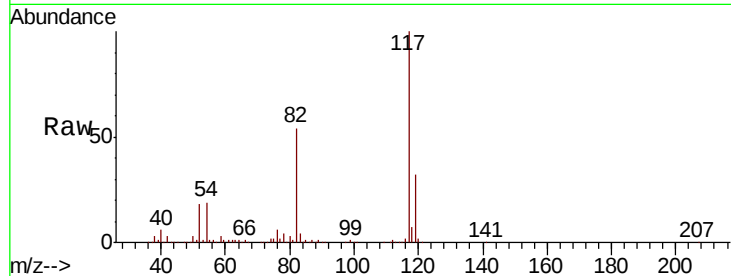




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

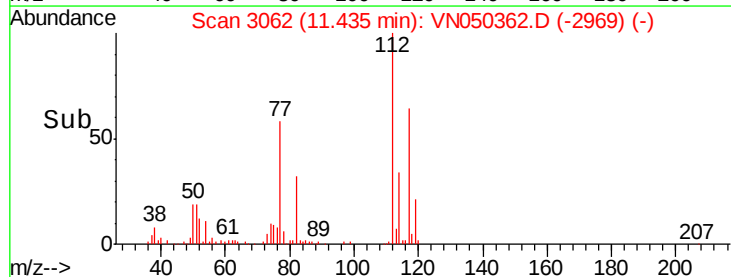
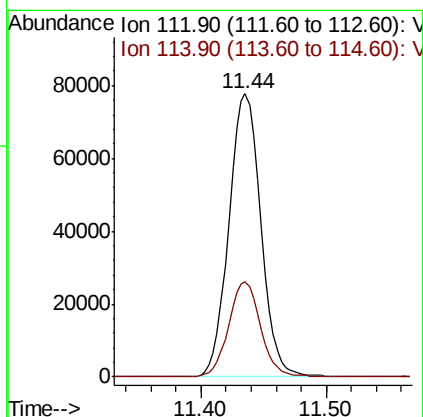
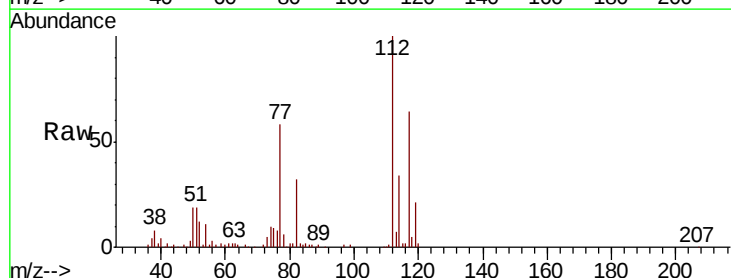
Instrument :
MSVOA_N
ClientSampleId :
MW-01

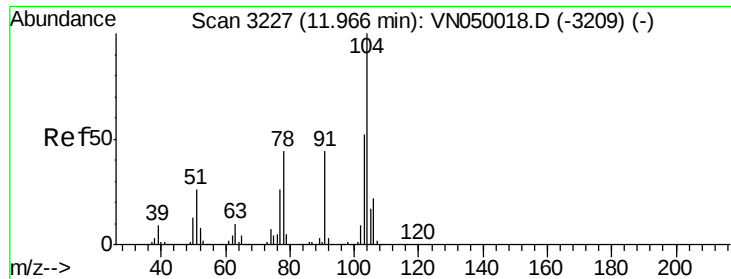
Tot Ion:117 Resp: 884864
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.5 26.1 39.1



#65
Chlorobenzene
Concen: 6.16 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

Tgt Ion:112 Resp: 137773
Ion Ratio Lower Upper
112 100
114 33.8 25.6 38.4





#70

Stvrene

Concen: 0.94 ug/l

RT: 11.96 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampled :

MW-01

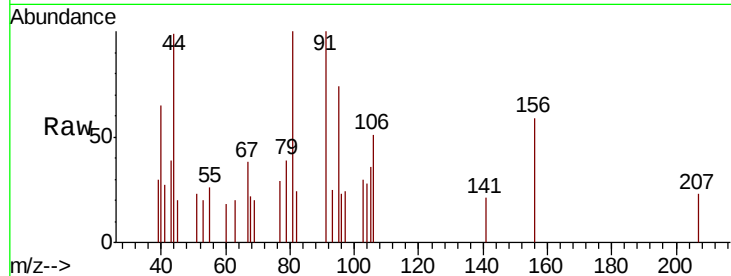
Tot Ion:104 Resp: 353

Ion Ratio Lower Upper

104 100

78 72.5 39.3 58.9#

103 102.8 45.0 67.6#

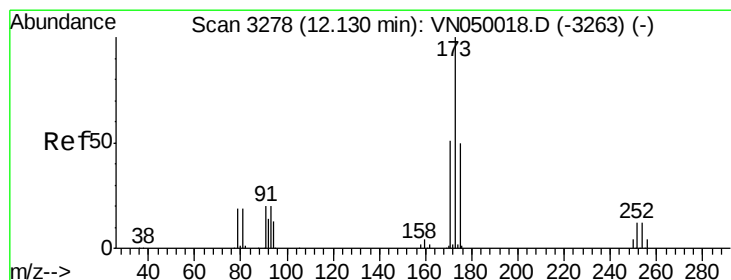
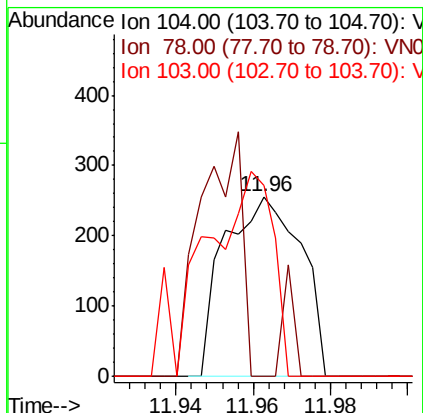
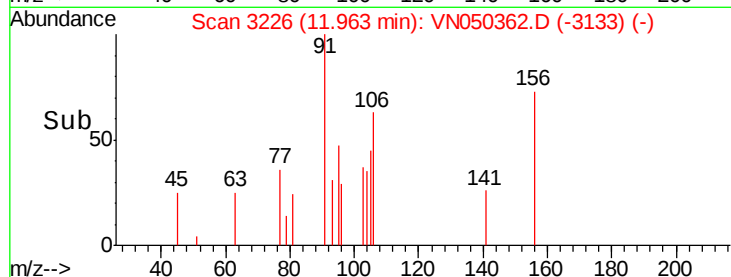


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V

Time-->



#71

Bromoform

Concen: 0.64 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

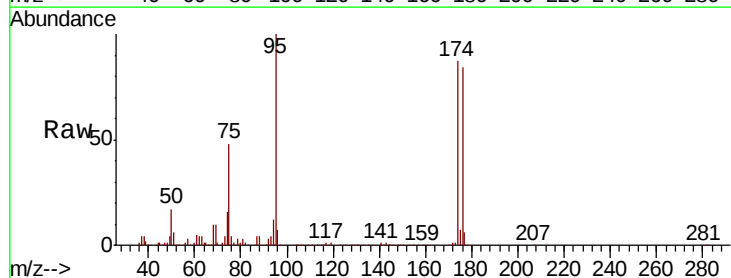
Tgt Ion:173 Resp: 4018

Ion Ratio Lower Upper

173 100

175 622.7 24.1 72.2#

254 0.0 0.2 0.2#

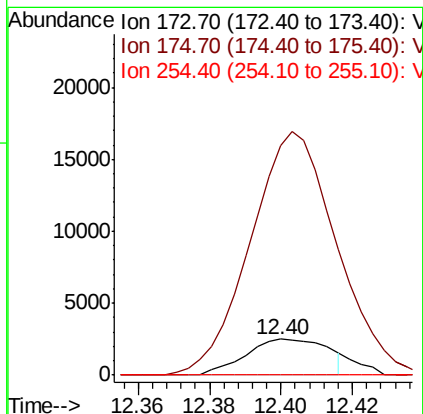
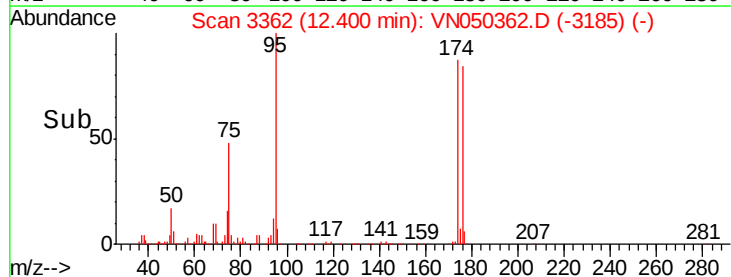


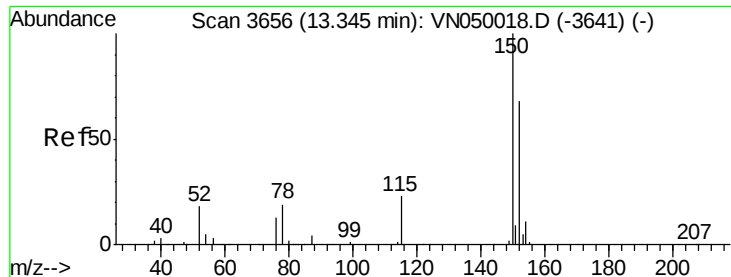
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampled :

MW-01

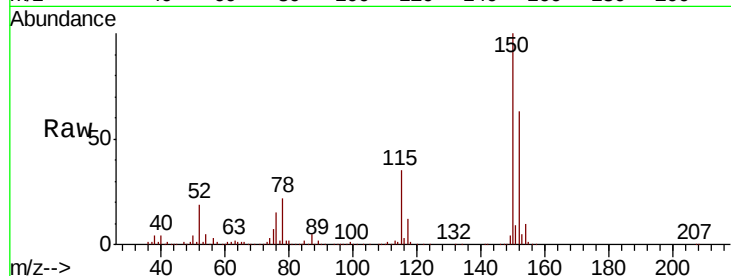
Tot Ion:152 Resp: 387132

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

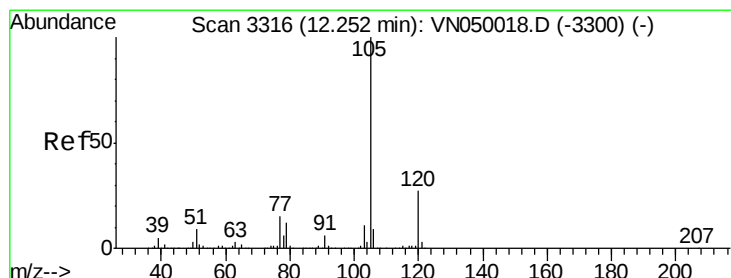
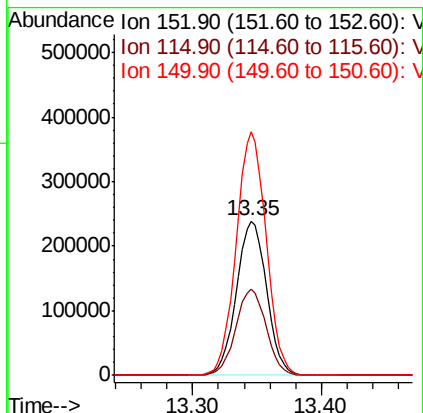
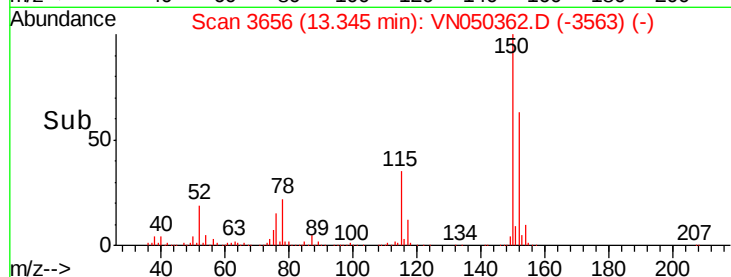
150 156.7 0.0 348.6



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



#73

Isopropylbenzene

Concen: 0.30 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050362.D

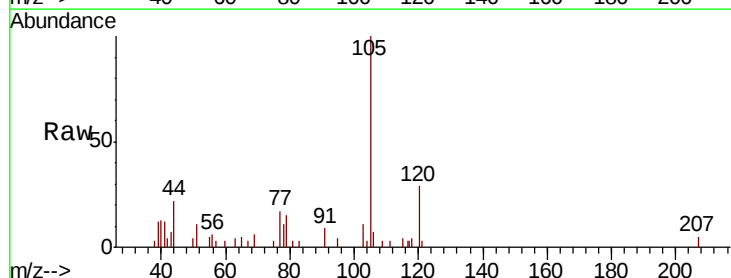
Acq: 4 Aug 2018 13:17

Tgt Ion:105 Resp: 9029

Ion Ratio Lower Upper

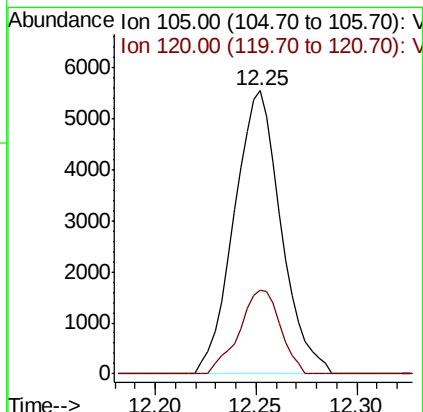
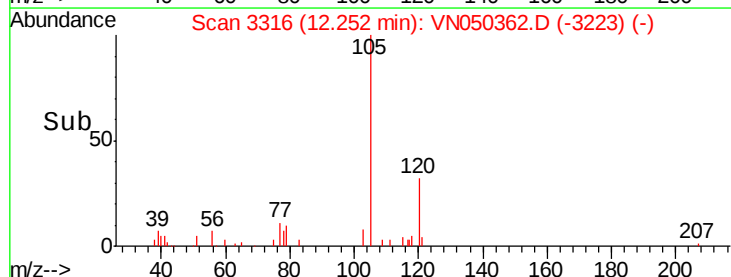
105 100

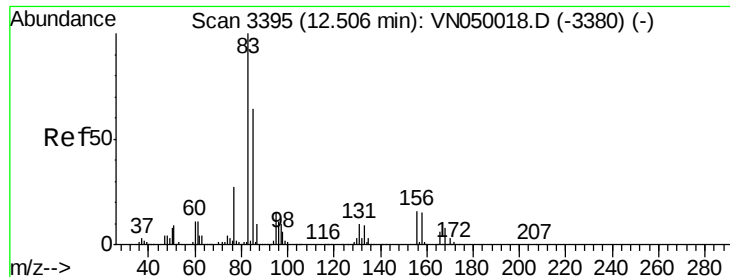
120 26.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3399

Delta R.T. 0.01 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampled :

MW-01

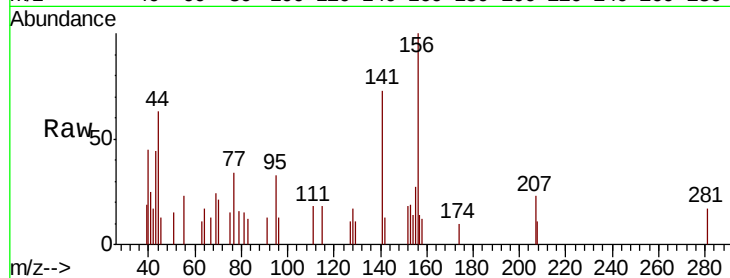
Tot Ion: 83 Resp: 124

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

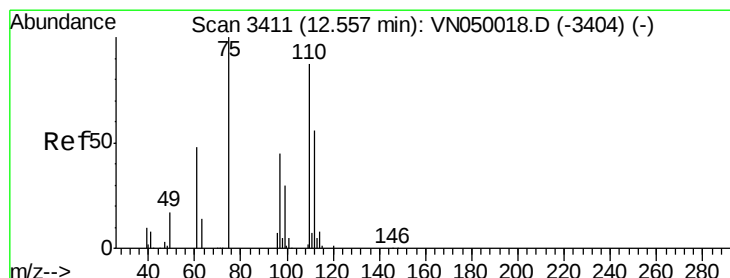
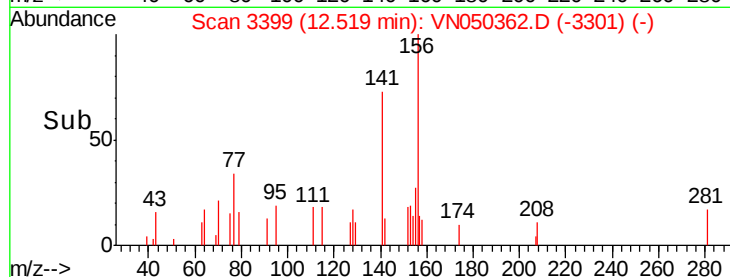
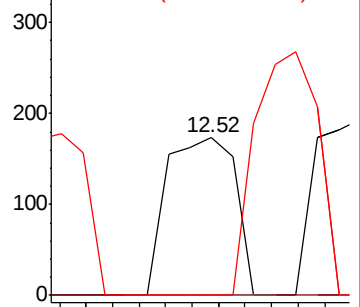
85 142.7 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050362.D

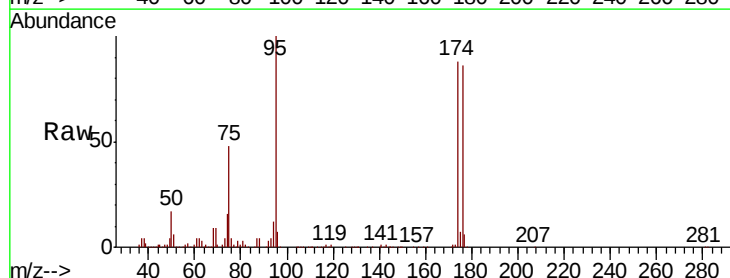
Acq: 4 Aug 2018 13:17

Tgt Ion: 75 Resp: 207921

Ion Ratio Lower Upper

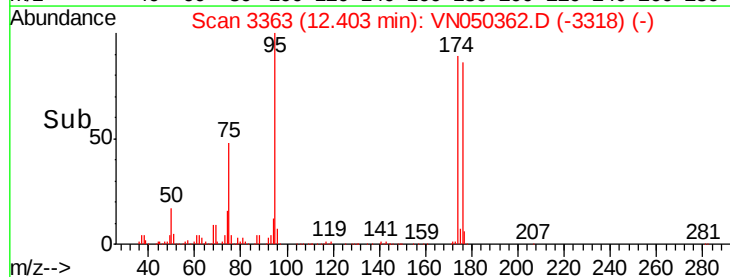
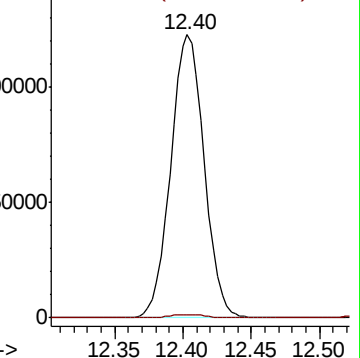
75 100

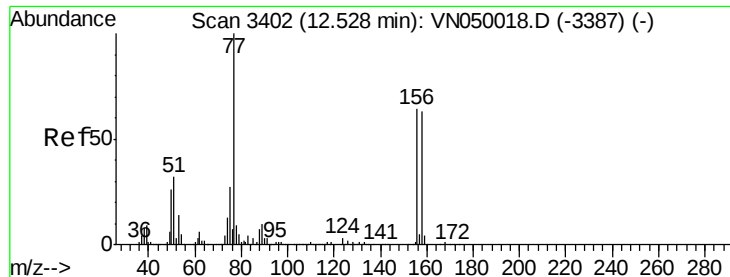
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 0.44 ug/l

RT: 12.52 min Scan# 3400

Delta R.T. -0.01 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampled :

MW-01

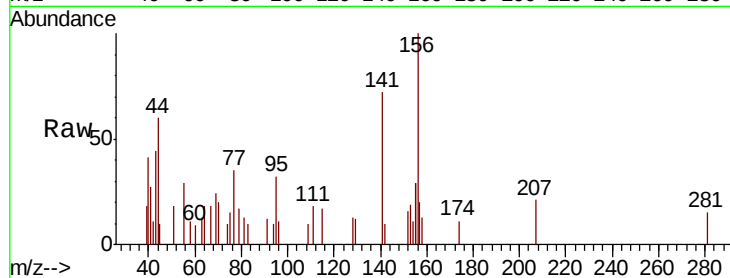
Tot Ion:156 Resp: 3636

Ion Ratio Lower Upper

156 100

77 10.1 91.7 275.1#

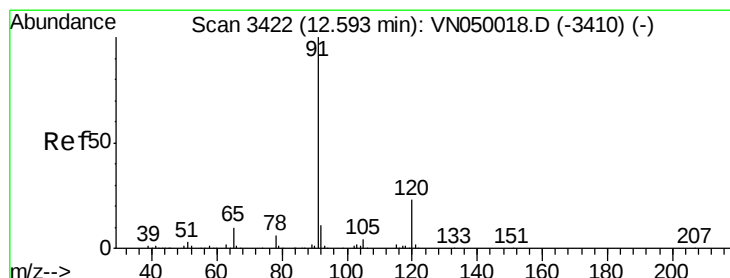
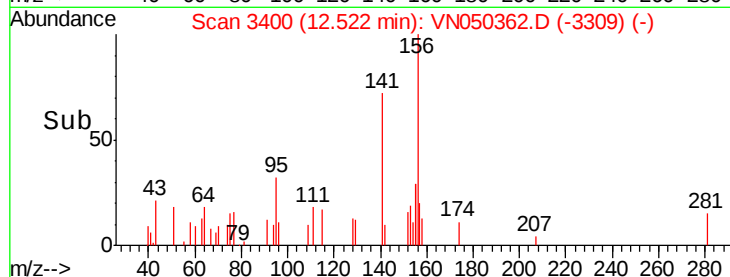
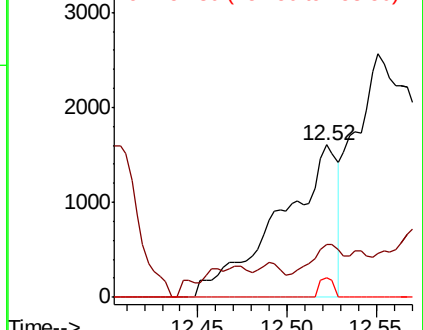
158 3.0 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.22 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050362.D

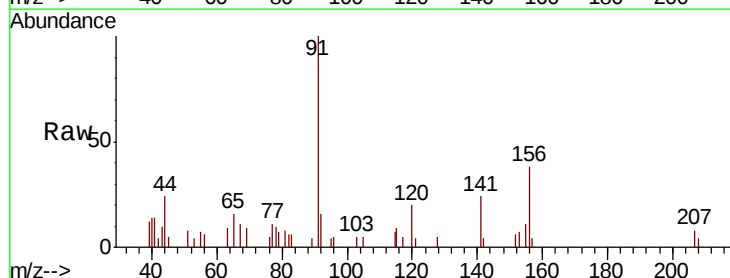
Acq: 4 Aug 2018 13:17

Tgt Ion: 91 Resp: 7537

Ion Ratio Lower Upper

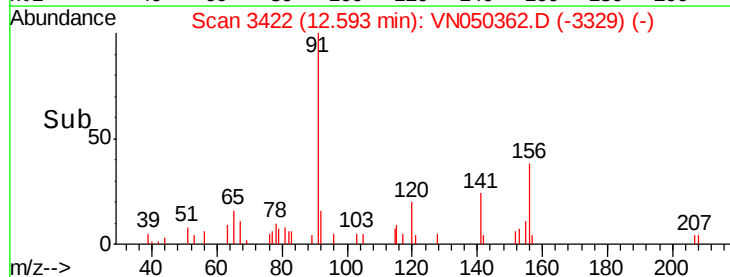
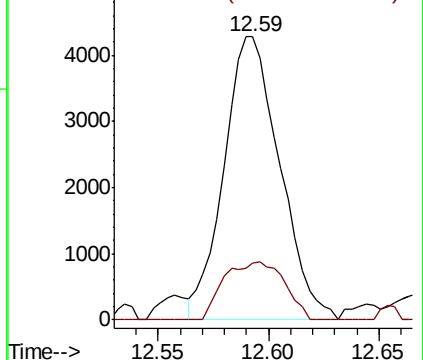
91 100

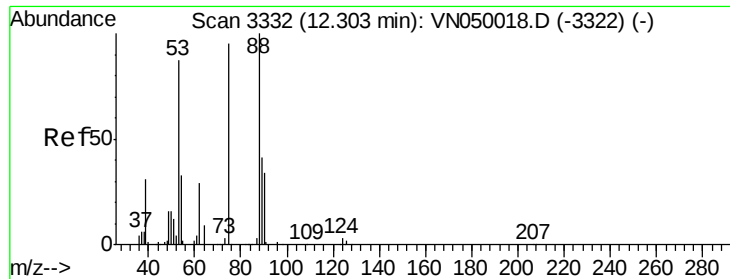
120 22.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 91.66 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampleId :

MW-01

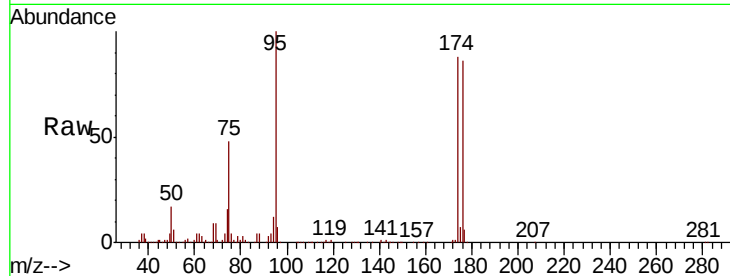
Tot Ion: 75 Resp: 207921

Ion Ratio Lower Upper

75 100

53 0.3 73.5 110.3#

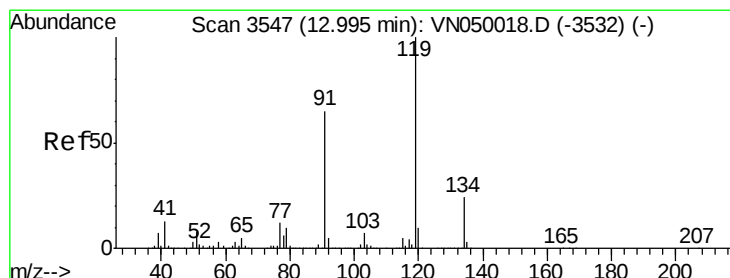
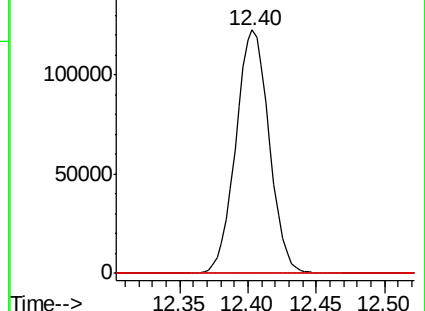
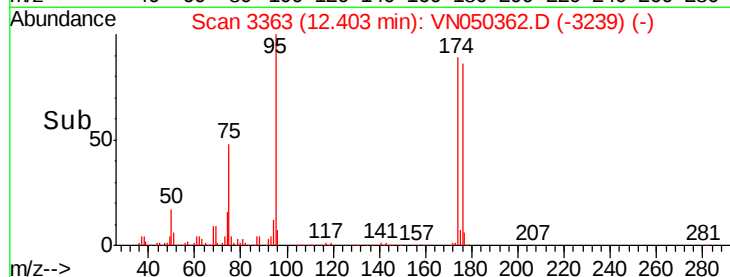
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050362.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN050362.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN050362.D (-3363) (-)



#83

tert-Butylbenzene

Concen: 0.29 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

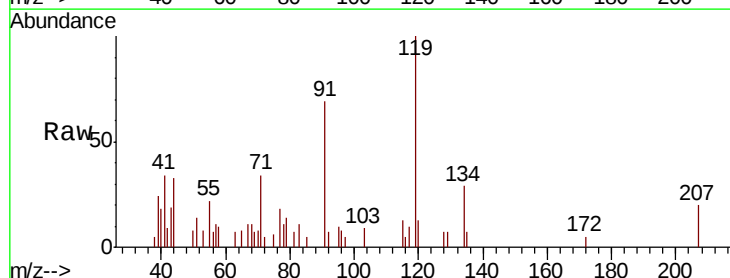
Tgt Ion: 119 Resp: 5887

Ion Ratio Lower Upper

119 100

91 68.9 32.1 96.3

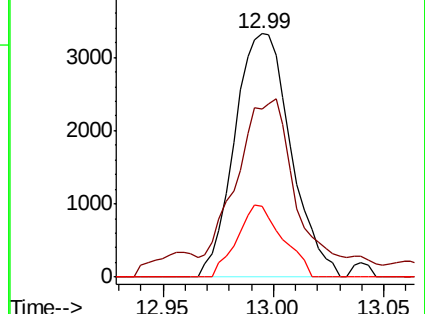
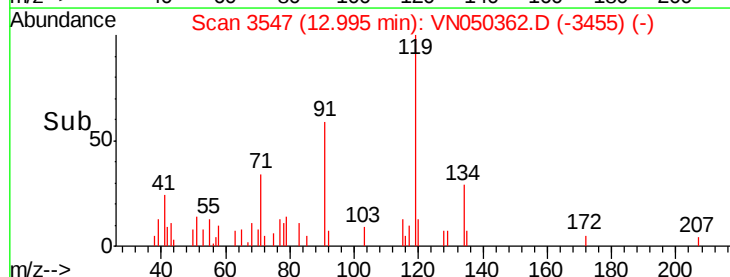
134 23.9 13.2 39.5

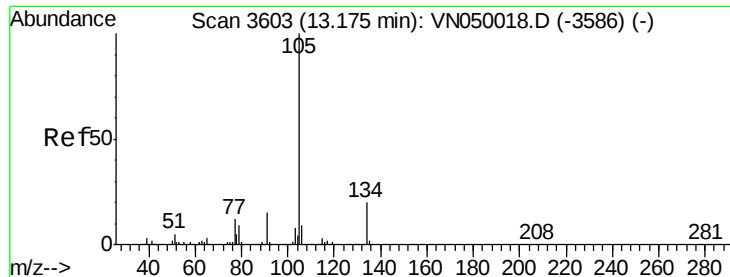


Abundance Ion 119.00 (118.70 to 119.70): VN050362.D (-3547) (-)

Ion 91.00 (90.70 to 91.70): VN050362.D (-3547) (-)

Ion 134.00 (133.70 to 134.70): VN050362.D (-3547) (-)





#85

sec-Butylbenzene

Concen: 0.41 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampleId :

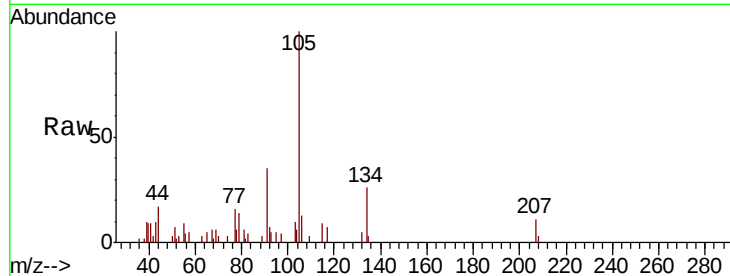
MW-01

Tot Ion:105 Resp: 11332

Ion Ratio Lower Upper

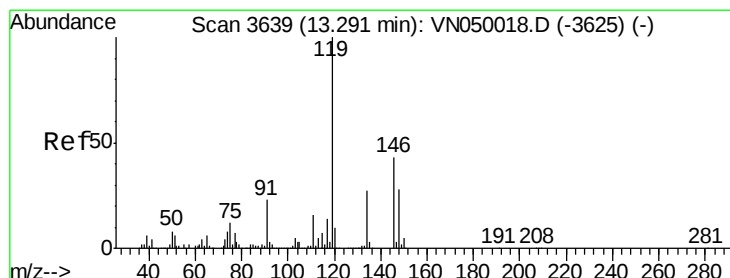
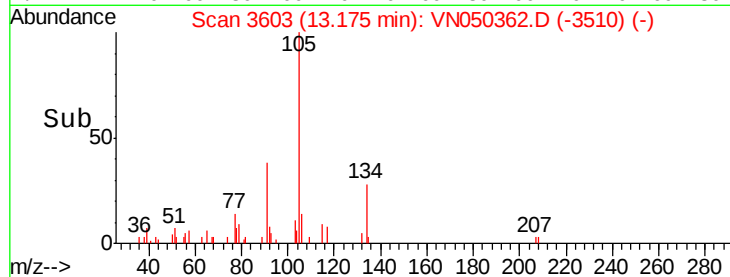
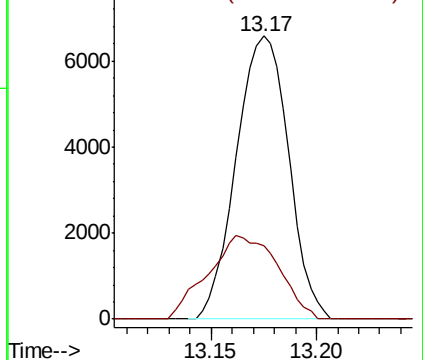
105 100

134 39.5 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.54 ug/l

RT: 13.44 min Scan# 3686

Delta R.T. 0.15 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

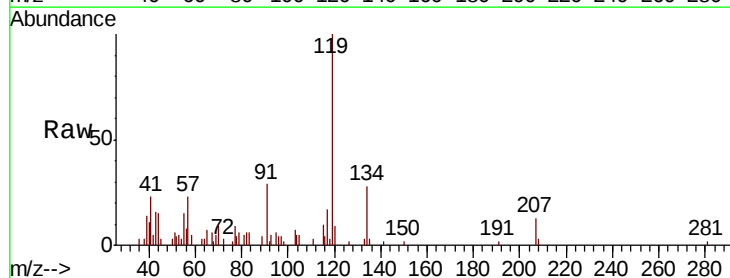
Tgt Ion:119 Resp: 12512

Ion Ratio Lower Upper

119 100

134 28.9 13.3 39.8

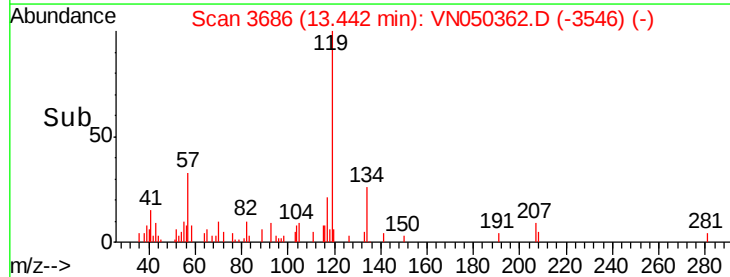
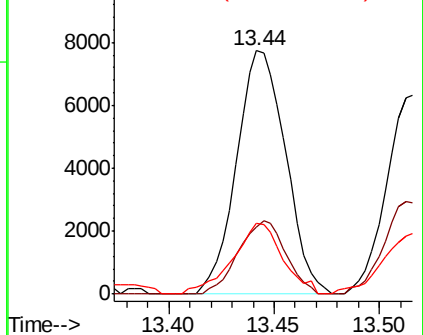
91 29.7 11.4 34.2

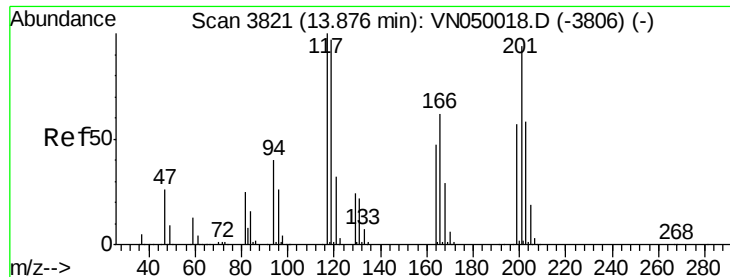


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#90

Hexachloroethane

Concen: 0.54 ua/l

RT: 13.90 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampled :

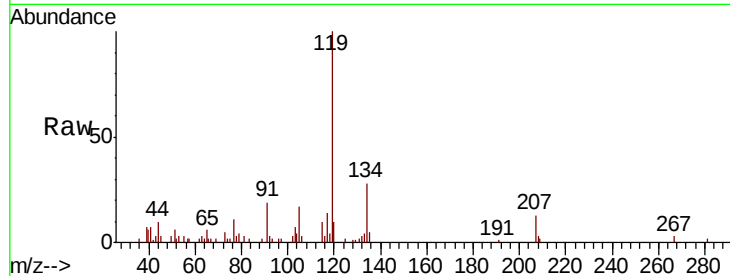
MW-01

Tot Ion:117 Resp: 2776

Ion Ratio Lower Upper

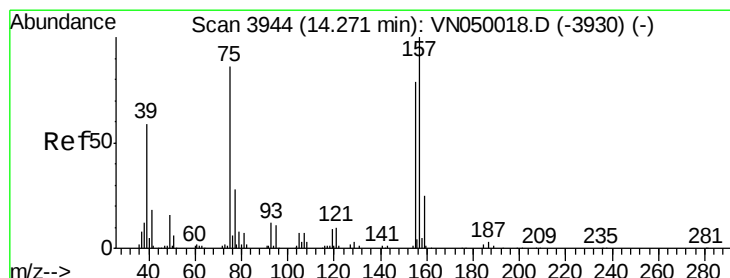
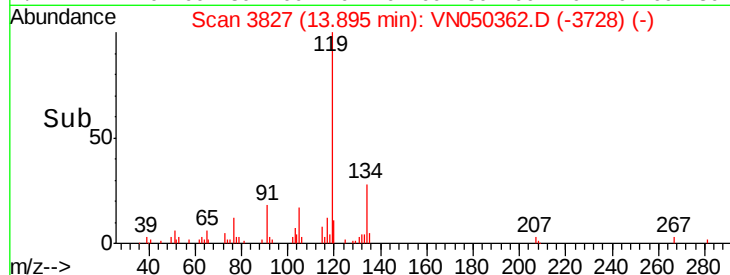
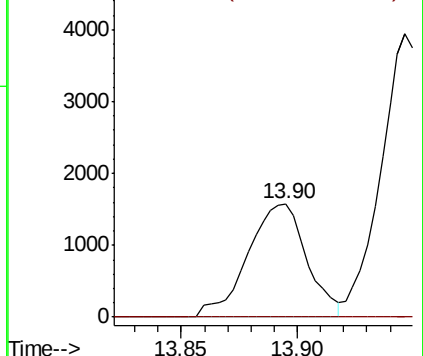
117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.20 min Scan# 3923

Delta R.T. -0.07 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

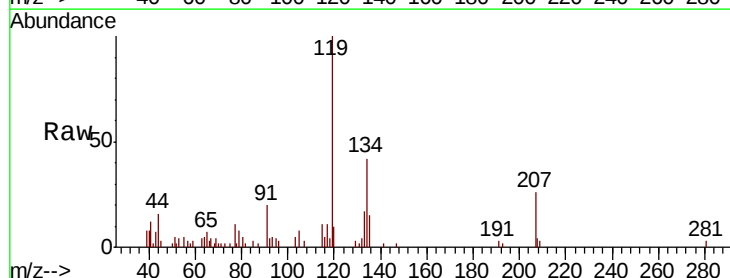
Tgt Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

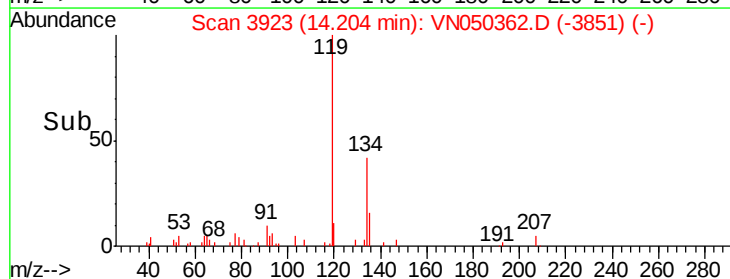
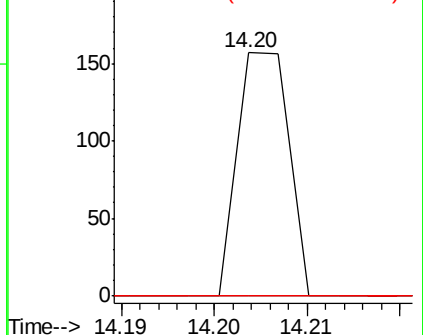
157 0.0 57.2 171.6#

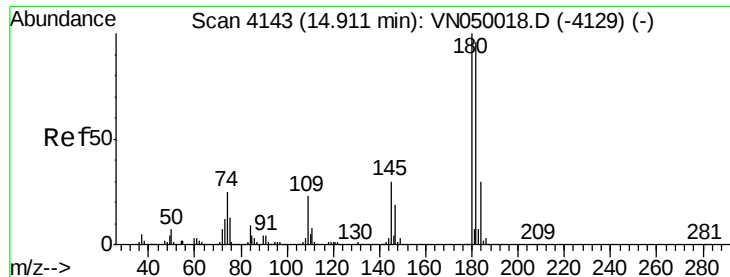


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

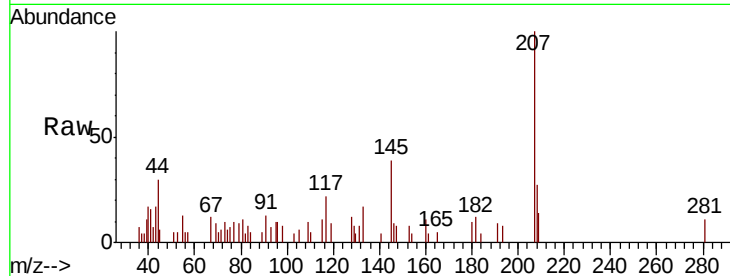




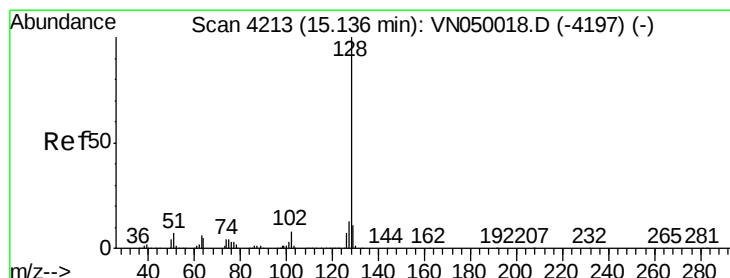
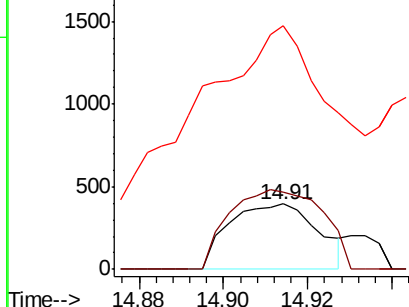
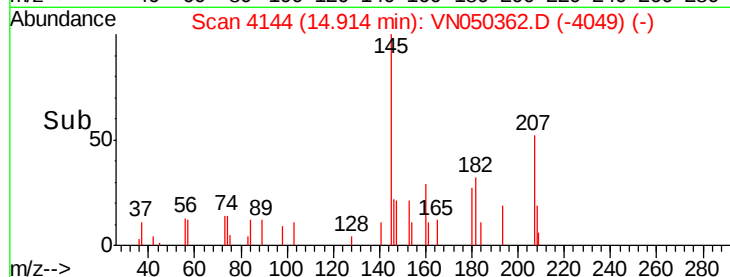
#93
 1,2,4-Trichlorobenzene
 Concen: 3.16 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

Instrument :
 MSVOA_N
 ClientSampled :
 MW-01

Tot Ion:180 Resp: 576
 Ion Ratio Lower Upper
 180 100
 182 128.3 46.7 140.1
 145 653.3 13.8 41.4#

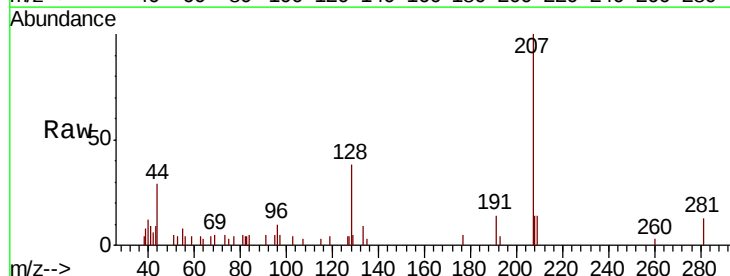


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

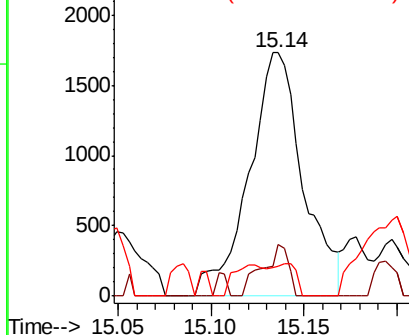
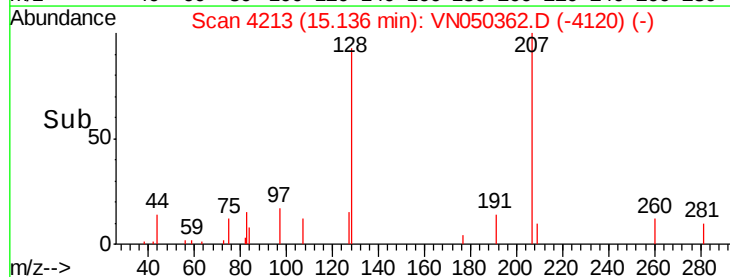


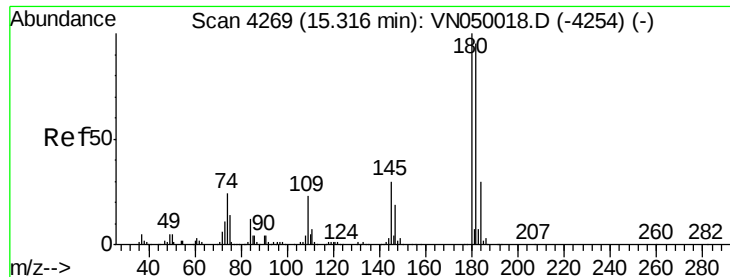
#95
 Naphthalene
 Concen: 4.60 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

Tgt Ion:128 Resp: 3495
 Ion Ratio Lower Upper
 128 100
 127 10.2 10.4 15.6#
 129 7.6 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

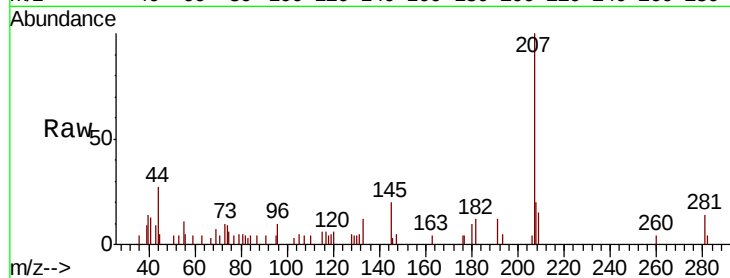




#96
 1,2,3-Trichlorobenzene
 Concen: 2.31 ug/l
 RT: 15.31 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.4	48.1	144.4
145	349.9	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

