

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050241.D
 Acq On : 1 Aug 2018 11:50
 Operator : MD\SY
 Sample : J4256-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A27

Quant Time: Aug 02 00:52:31 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	676950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1090774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	916614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367332	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	467451	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
35) Dibromofluoromethane	7.59	113	415140	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
50) Toluene-d8	10.09	98	1491829	45.56	ug/l	0.00
Spiked Amount			Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.40	95	428294	39.73	ug/l	0.00
Spiked Amount			Recovery	=	79.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	5728	0.51	ug/l	# 65
5) Bromomethane	2.57	94	1026	Below	Cal	81
16) Acetone	3.83	43	7717	Below	Cal	97
17) Carbon Disulfide	4.04	76	6136	0.26	ug/l	99
18) Methyl Acetate	4.34	43	12761	Below	Cal	91
19) Methyl tert-butyl Ether	5.06	73	49225	2.37	ug/l	98
20) Methylene Chloride	4.56	84	2532	Below	Cal	91
31) Cyclohexane	7.67	56	14402	1.04	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	47222	3.84	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	61655	4.73	ug/l	# 16
39) Methylcyclohexane	9.08	83	4149	0.33	ug/l	90
41) Methacrylonitrile	7.22	41	157	2.78	ug/l	# 27
43) Isopropyl Acetate	8.27	43	215195	12.47	ug/l	# 61
55) 1,1,2-Trichloroethane	10.53	97	4061	0.46	ug/l	# 19
56) Ethyl methacrylate	10.43	69	2759	2.25	ug/l	# 9
59) 2-Hexanone	10.75	43	252	5.21	ug/l	# 24
70) Styrene	11.97	104	407	0.94	ug/l	# 23
73) Isopropylbenzene	12.25	105	32715	1.15	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.53	83	95	Below	Cal	# 25
76) 1,2,3-Trichloropropane	12.40	75	207277	30.36	ug/l	# 100
78) n-propylbenzene	12.59	91	32107	1.01	ug/l	98
79) 2-Chlorotoluene	12.59	91	32107	1.63	ug/l	# 40
81) trans-1,4-Dichloro-2-buten	12.40	75	207277	96.31	ug/l	# 13
83) tert-Butylbenzene	12.99	119	17589	0.90	ug/l	94
84) 1,2,4-Trimethylbenzene	12.89	105	8308	0.37	ug/l	76
85) sec-Butylbenzene	13.17	105	107339	4.11	ug/l	87
86) p-Isopropyltoluene	13.44	119	66160	3.00	ug/l	97
89) n-Butylbenzene	13.59	91	11694	0.65	ug/l	# 1
90) Hexachloroethane	13.89	117	51871	10.61	ug/l	# 4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	475	Below	Cal	# 1
93) 1,2,4-Trichlorobenzene	14.91	180	759	3.19	ug/l	# 1
95) Naphthalene	15.13	128	7291	4.81	ug/l	# 86
96) 1,2,3-Trichlorobenzene	15.32	180	568	2.28	ug/l	# 1

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

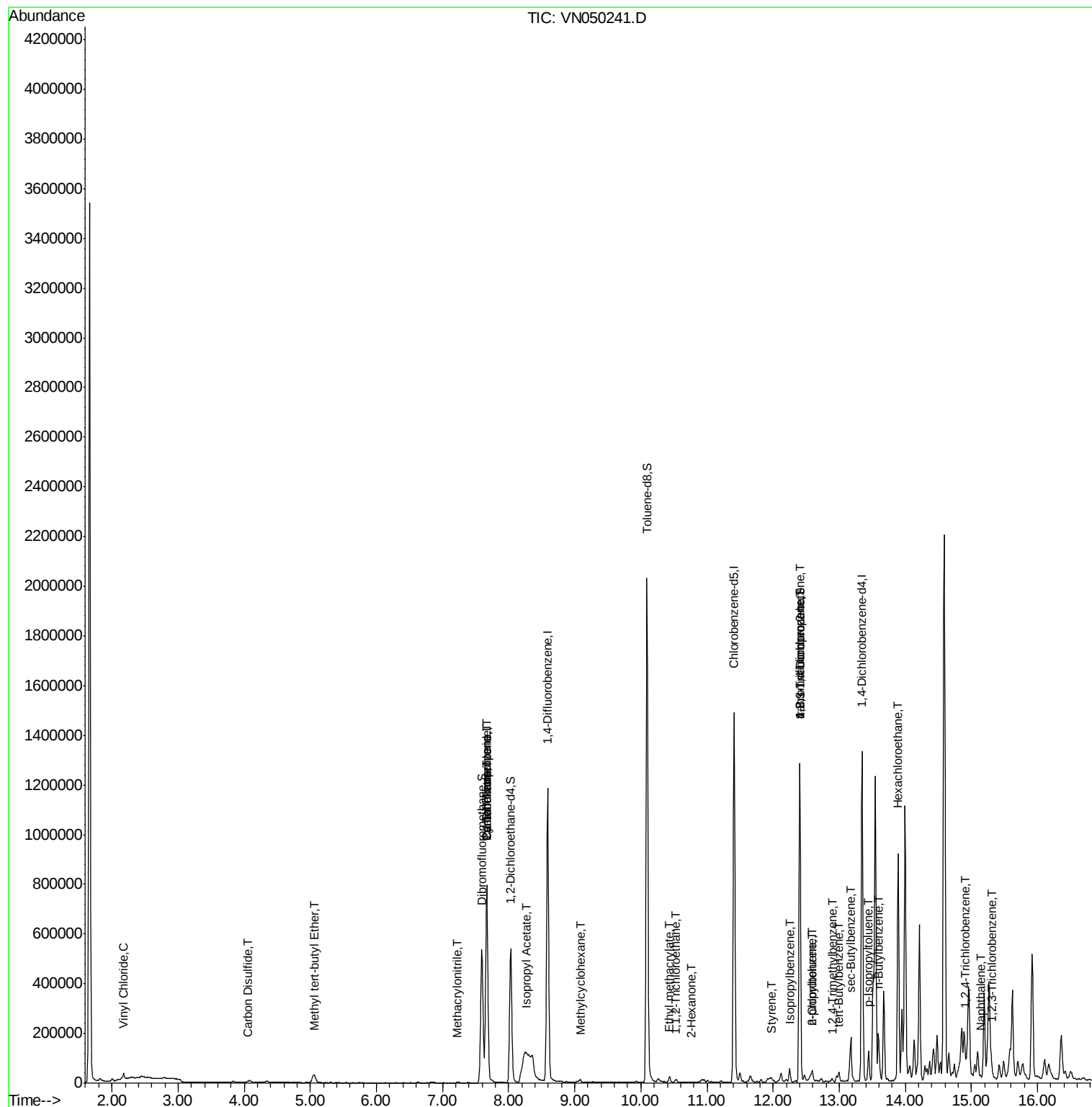
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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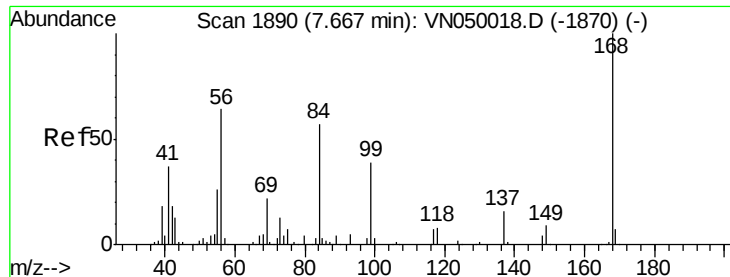
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampleId :

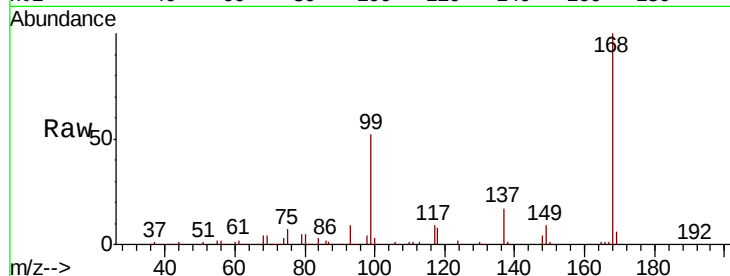
MW-A27

Tot Ion:168 Resp: 676950

Ion Ratio Lower Upper

168 100

99 52.2 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

300000

250000

200000

150000

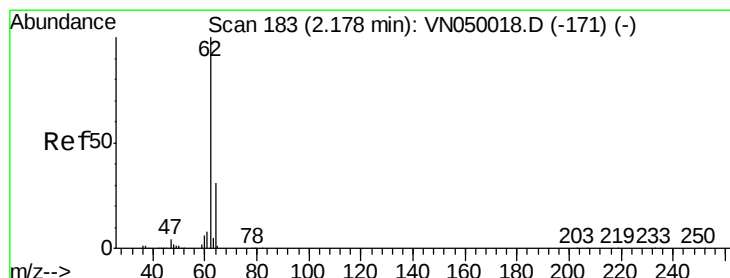
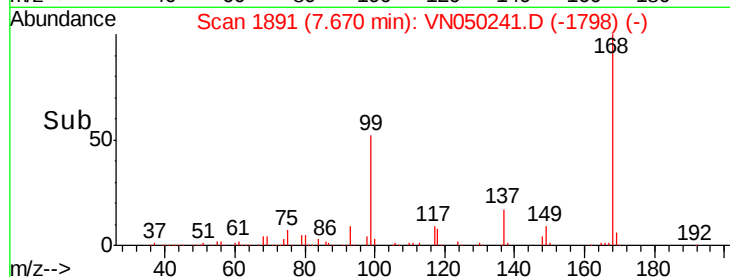
100000

50000

0

7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 0.51 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050241.D

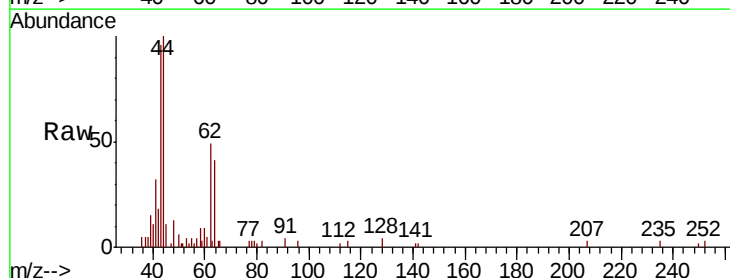
Acq: 1 Aug 2018 11:50

Tgt Ion: 62 Resp: 5728

Ion Ratio Lower Upper

62 100

64 50.0 24.7 37.1#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

4000

3000

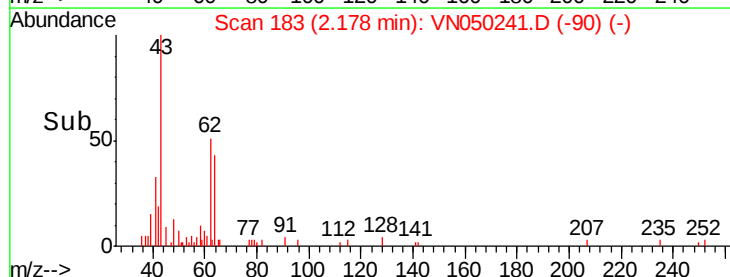
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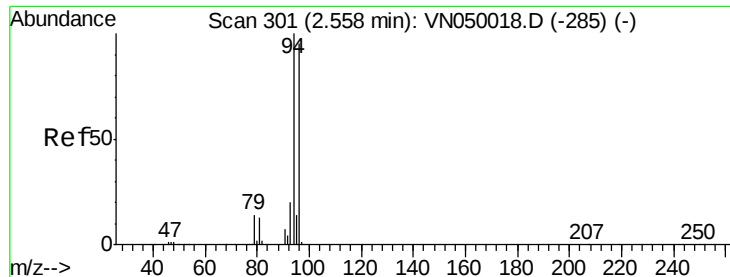
1000

0

2.15 2.20 2.25

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampled :

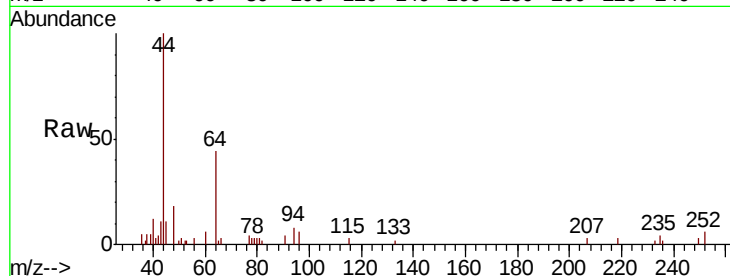
MW-A27

Tot Ion: 94 Resp: 1026

Ion Ratio Lower Upper

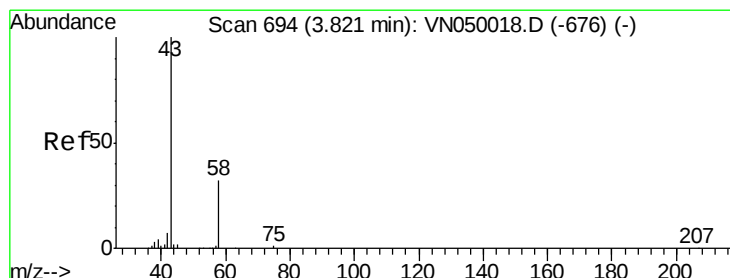
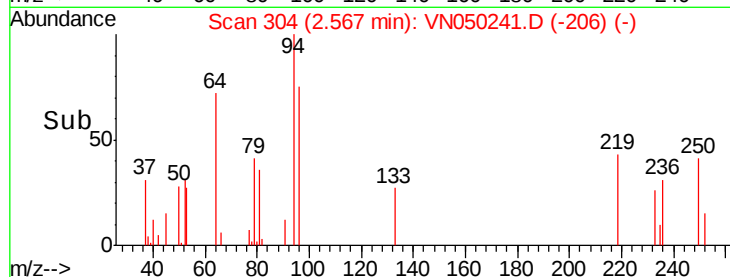
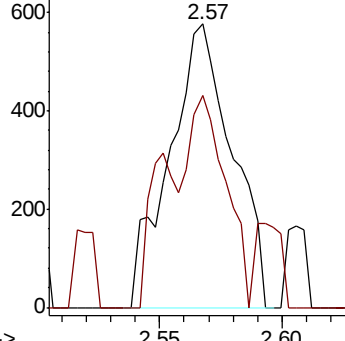
94 100

96 74.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050241.D

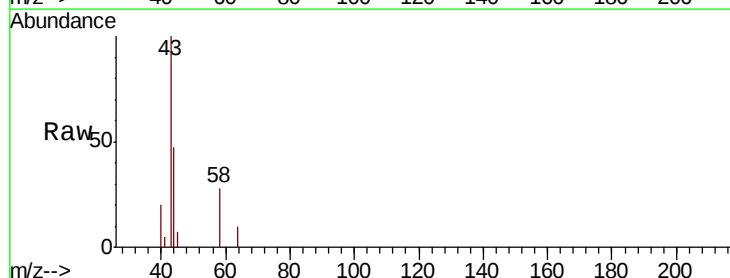
Acq: 1 Aug 2018 11:50

Tgt Ion: 43 Resp: 7717

Ion Ratio Lower Upper

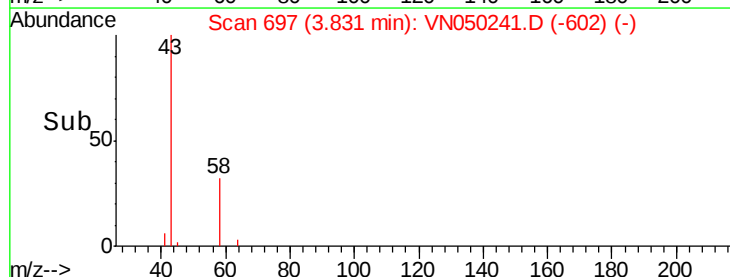
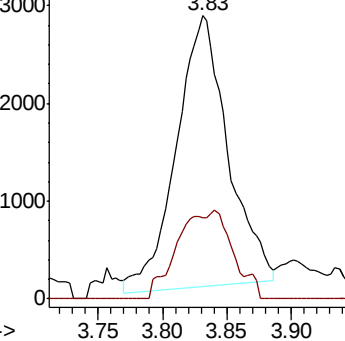
43 100

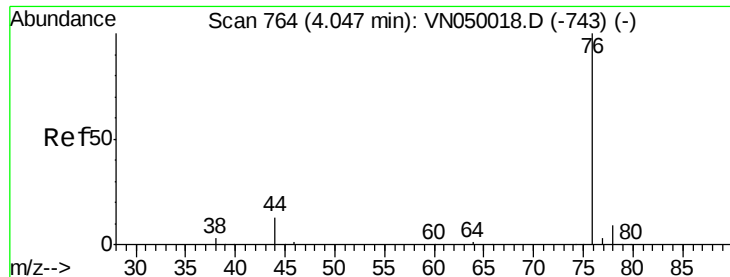
58 30.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

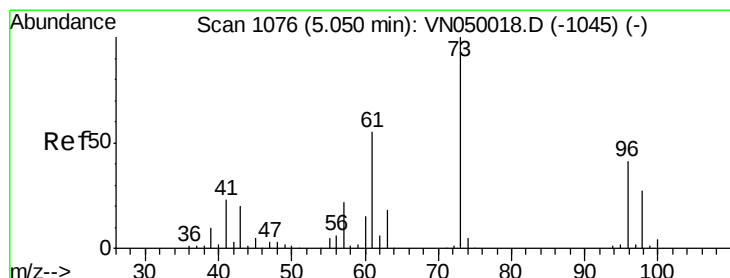
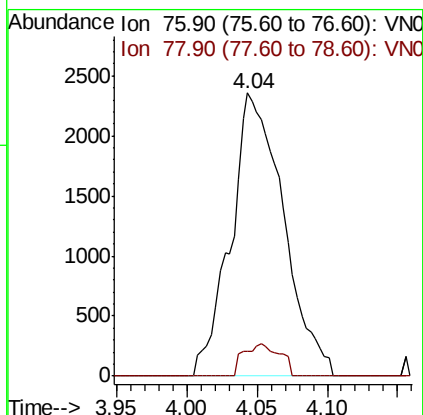
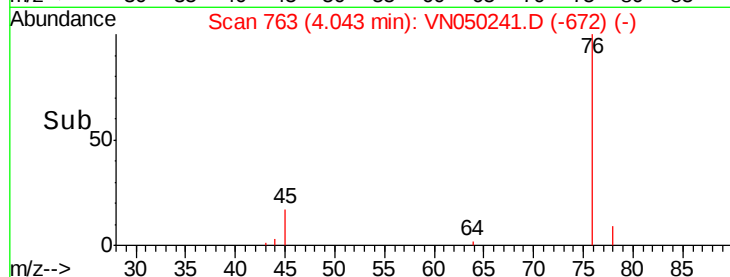
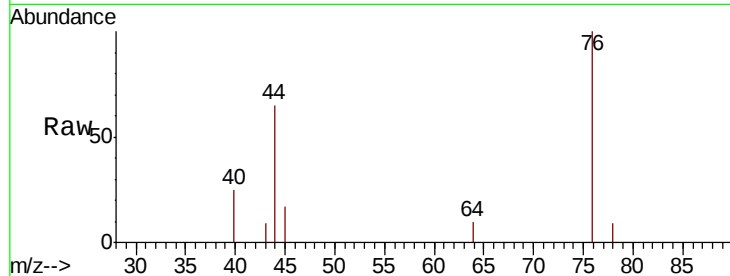




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 4.04 min Scan# 763
Delta R.T. -0.01 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

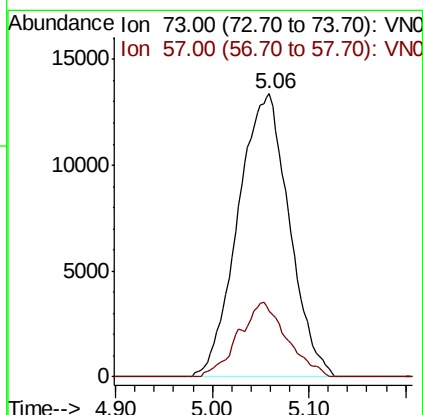
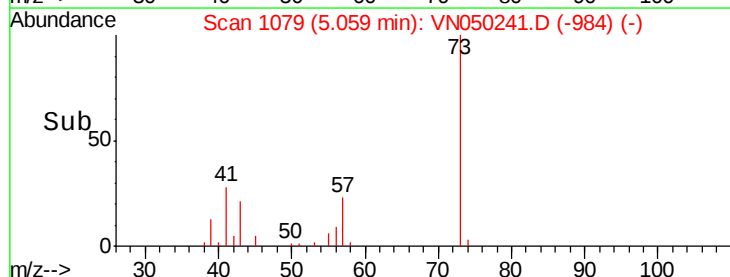
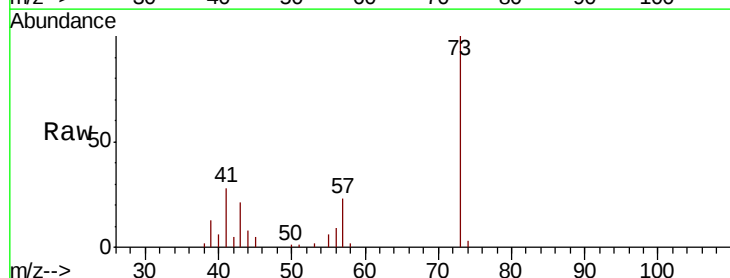
Instrument :
MSVOA_N
ClientSampled :
MW-A27

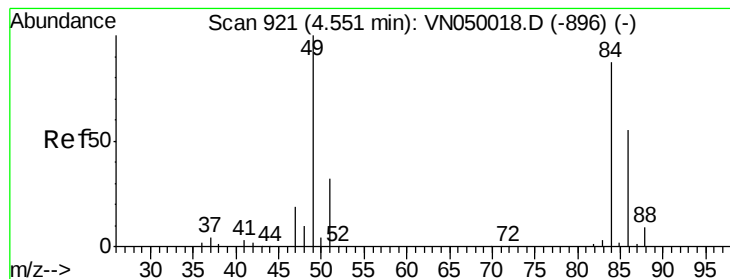
Tot Ion: 76 Resp: 6136
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#19
Methyl tert-butyl Ether
Concen: 2.37 ug/l
RT: 5.06 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

Tgt Ion: 73 Resp: 49225
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.56 min Scan# 923

Delta R.T. 0.01 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampleId :

MW-A27

Tot Ion: 84 Resp: 2532

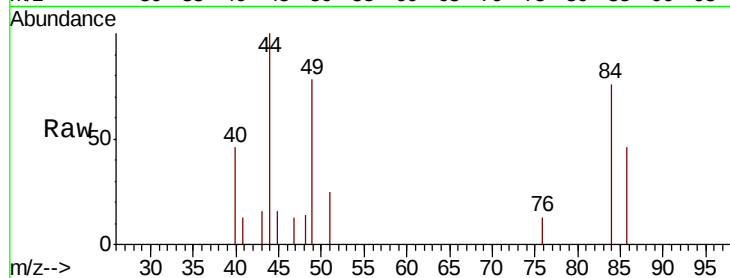
Ion Ratio Lower Upper

84 100

49 103.3 94.8 142.2

51 32.9 28.3 42.5

86 61.4 51.0 76.6

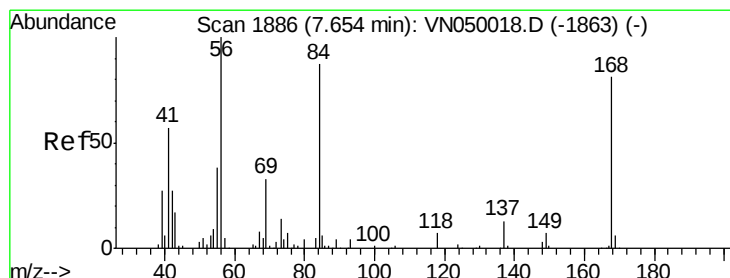
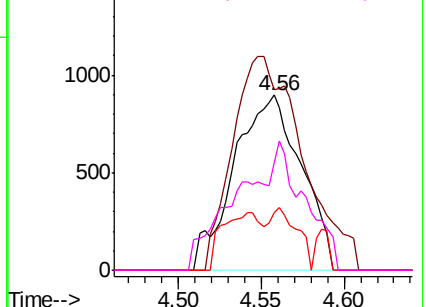
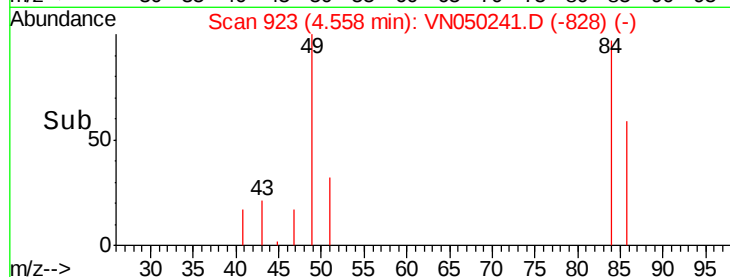


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

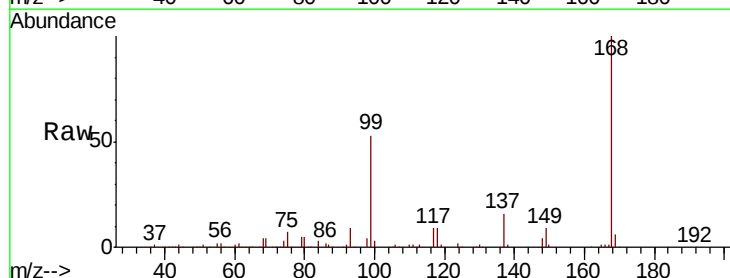
Tgt Ion: 56 Resp: 14402

Ion Ratio Lower Upper

56 100

69 169.8 26.2 39.4#

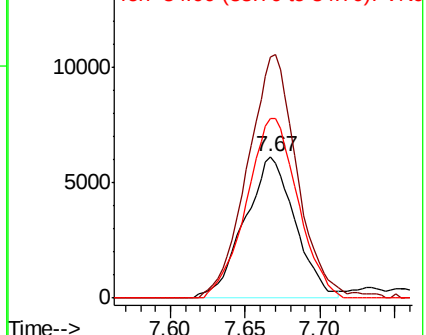
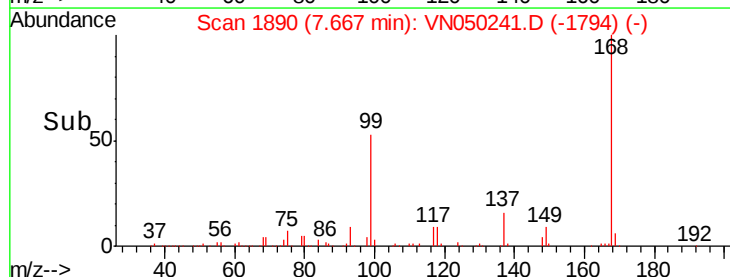
84 126.9 67.4 101.0#

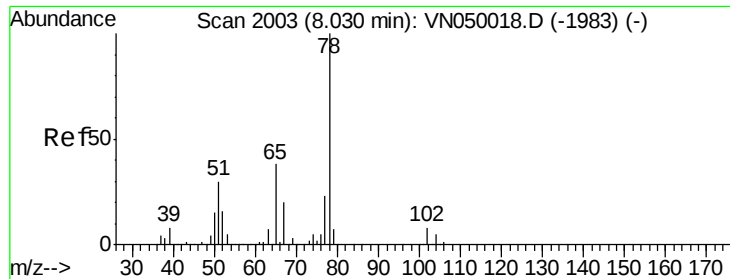


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

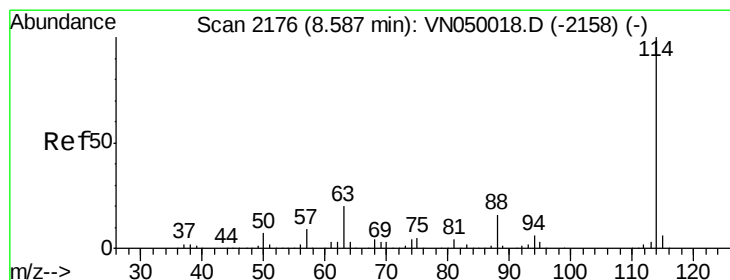
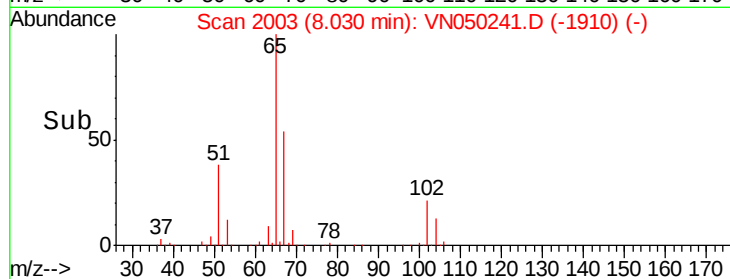
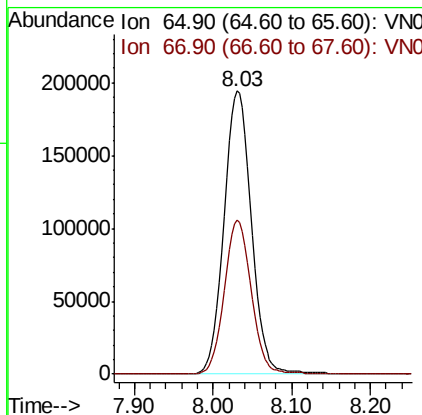
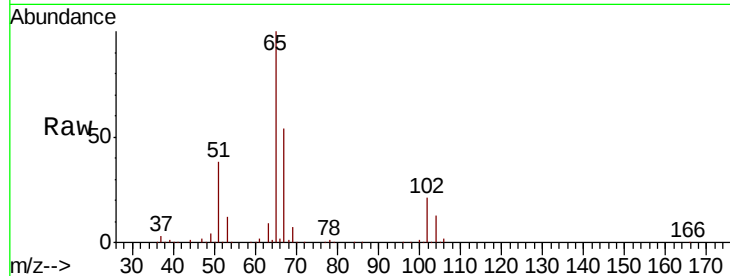




#33
 1,2-Dichloroethane-d4
 Concen: 49.49 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

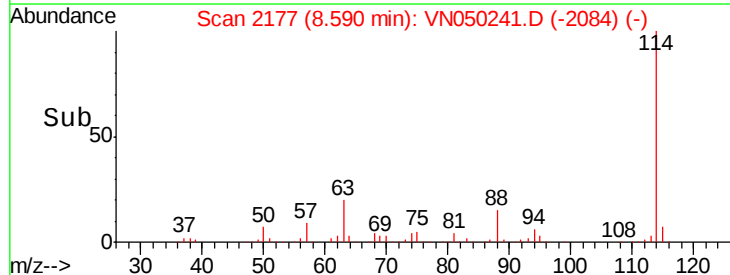
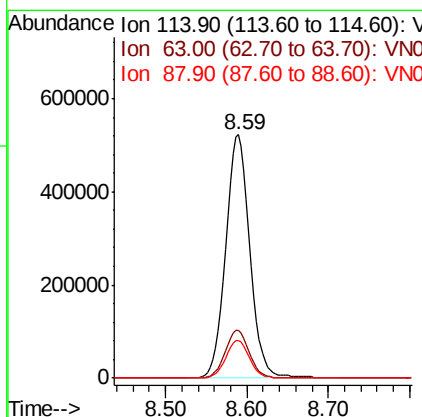
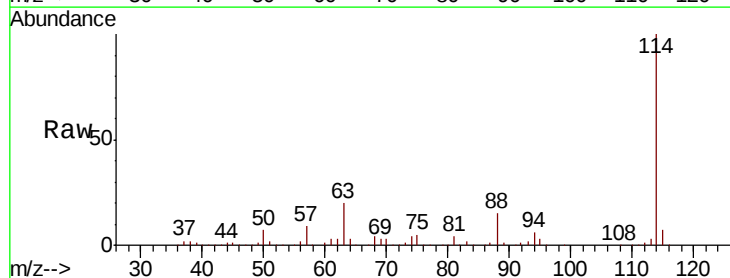
Instrument :
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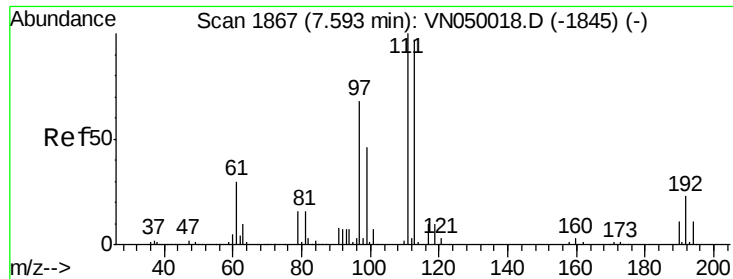
Tot Ion: 65 Resp: 467451
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

Tgt Ion: 114 Resp: 1090774
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.5 0.0 31.2

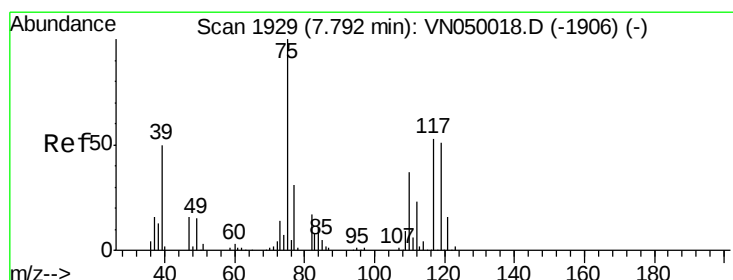
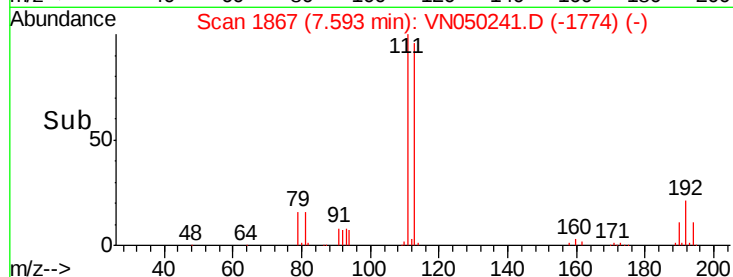
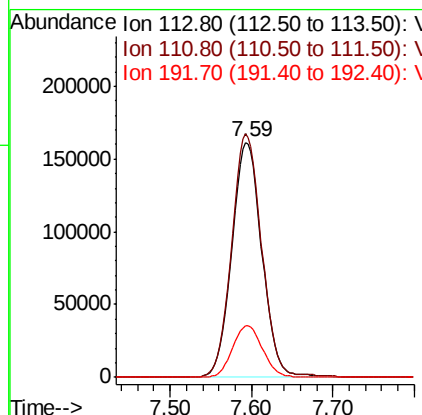
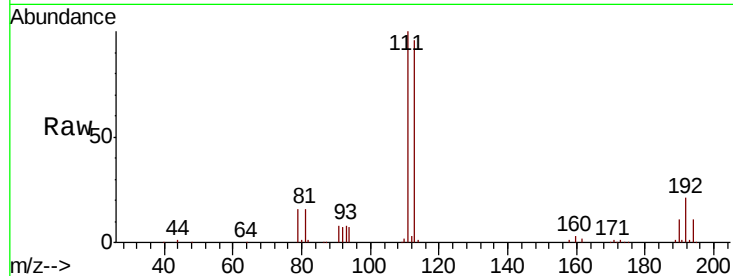




#35
 Dibromofluoromethane
 Concen: 46.61 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

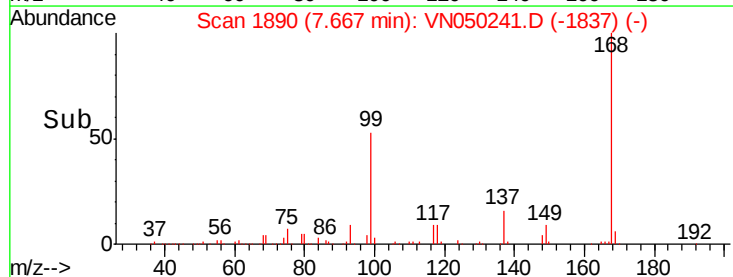
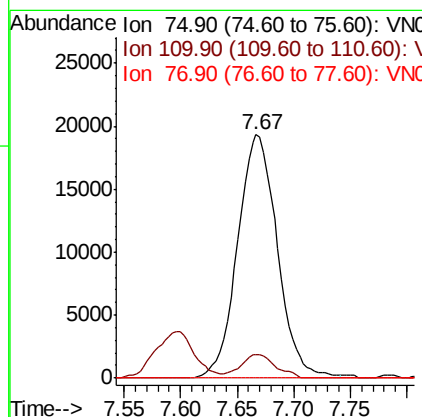
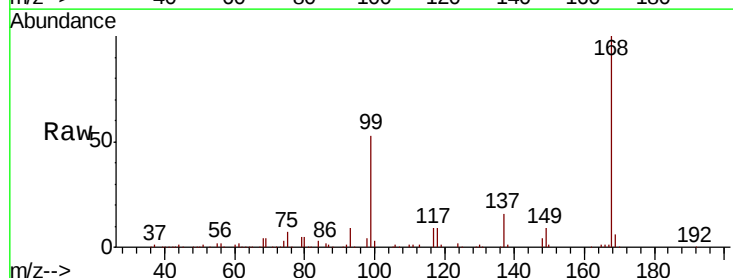
Instrument :
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 MW-A27

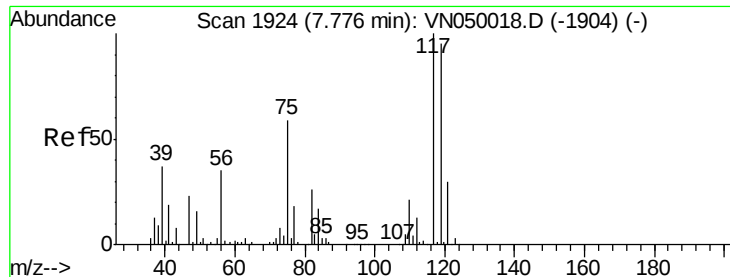
Tot Ion:113 Resp: 415140
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.7 121.1
 192 22.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.84 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

Tgt Ion: 75 Resp: 47222
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.4 55.2#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.73 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampled :

MW-A27

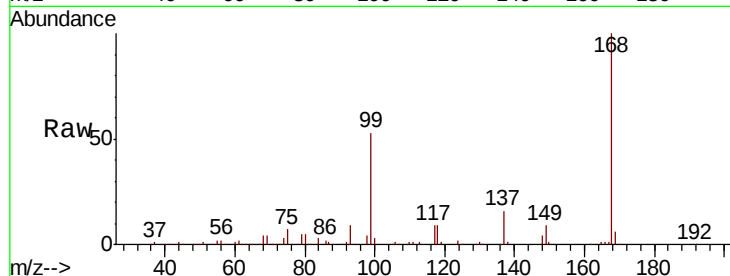
Tot Ion:117 Resp: 61655

Ion Ratio Lower Upper

117 100

119 5.5 77.4 116.0#

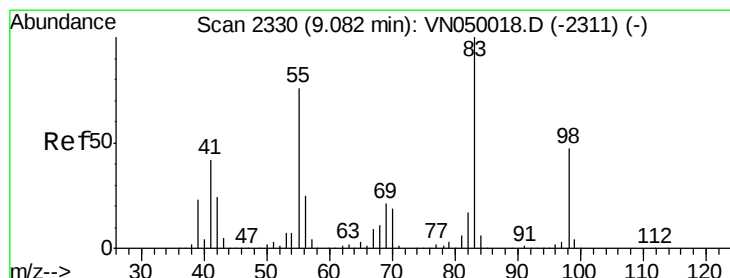
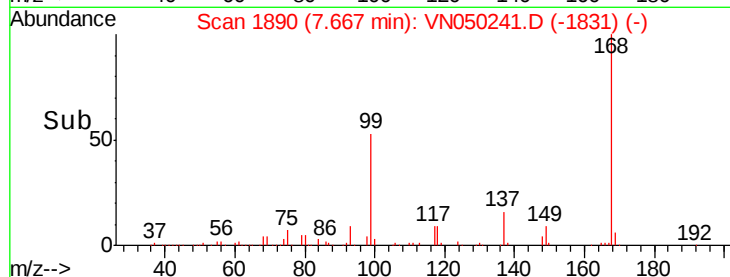
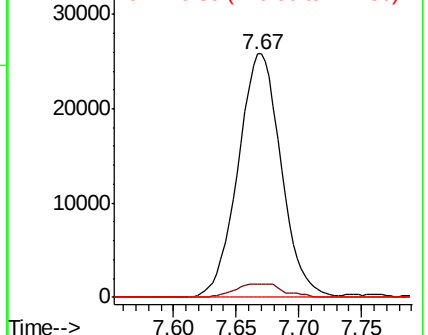
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.33 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

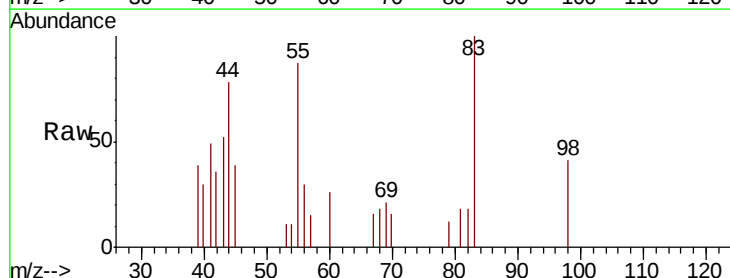
Tgt Ion: 83 Resp: 4149

Ion Ratio Lower Upper

83 100

55 87.2 61.8 92.8

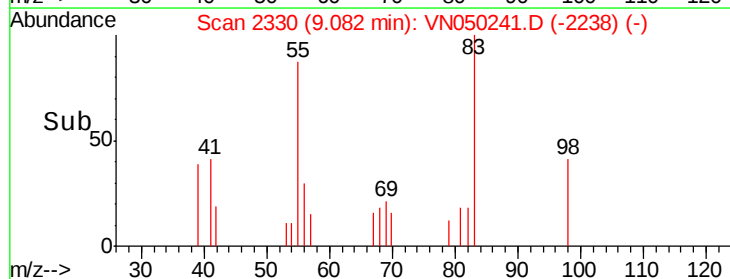
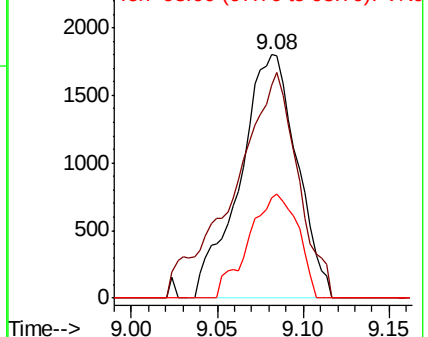
98 41.0 36.5 54.7

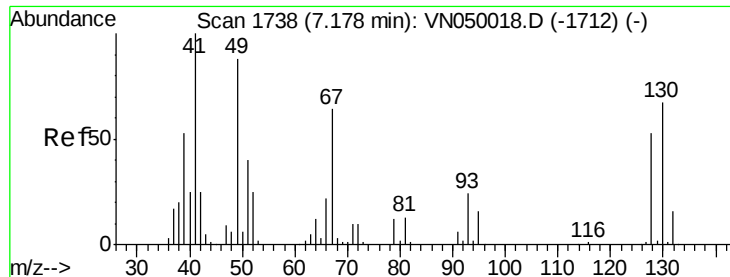


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

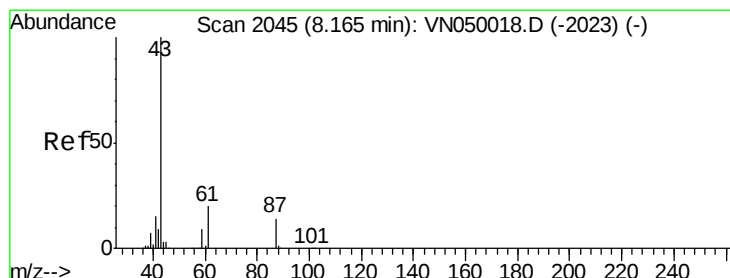
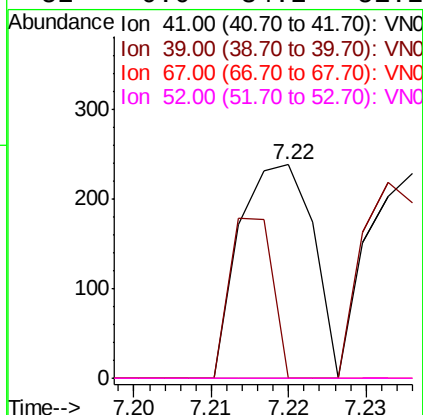
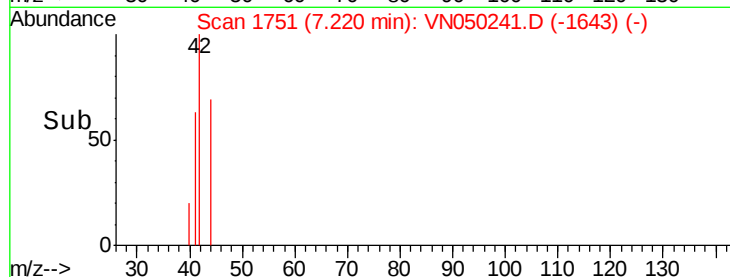
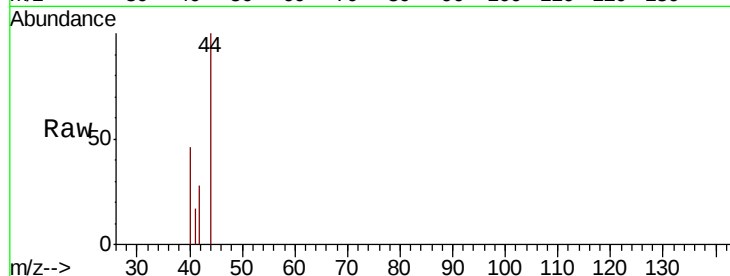




#41
Methacrylonitrile
Concen: 2.78 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.05 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

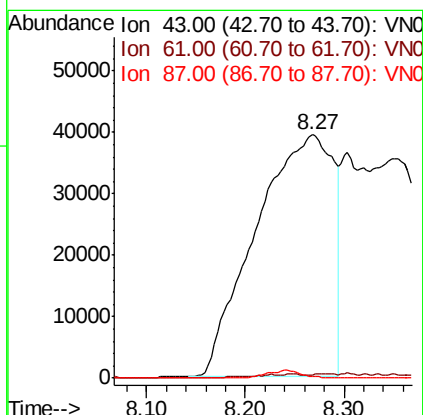
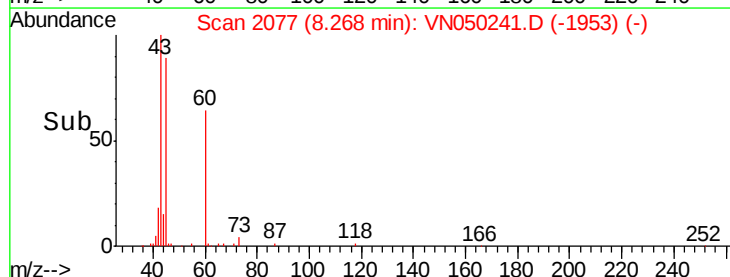
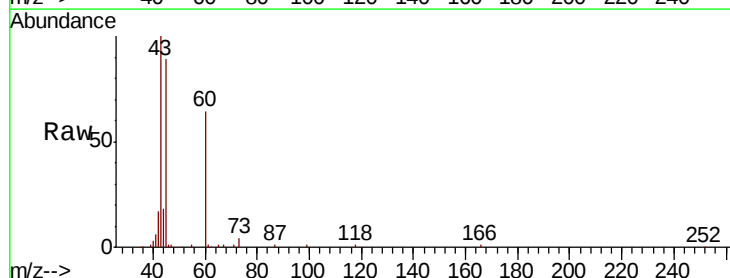
Instrument :
MSVOA_N
ClientSampleId :
MW-A27

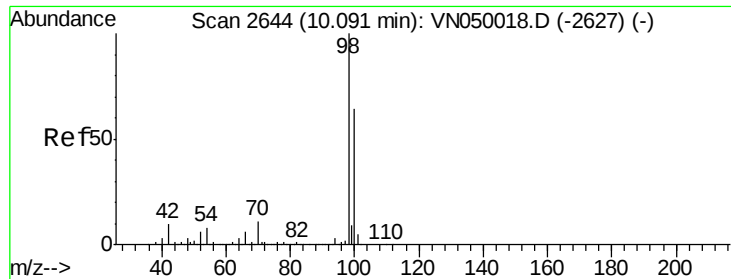
Tot Ion: 41 Resp: 157
Ion Ratio Lower Upper
41 100
39 43.9 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 12.47 ug/l
RT: 8.27 min Scan# 2077
Delta R.T. 0.10 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

Tgt Ion: 43 Resp: 215195
Ion Ratio Lower Upper
43 100
61 0.2 15.8 23.6#
87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 45.56 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampleId :

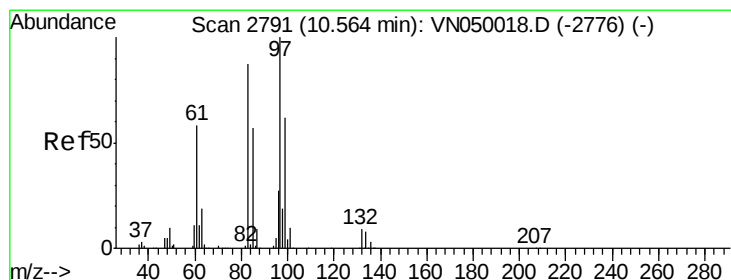
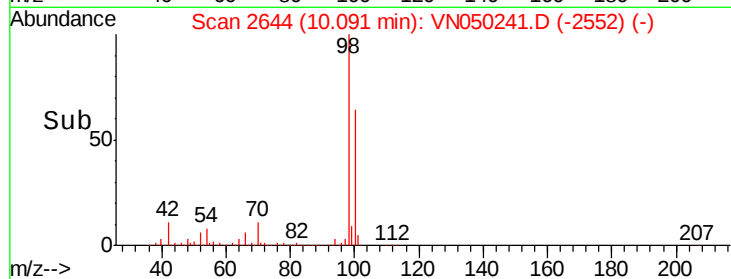
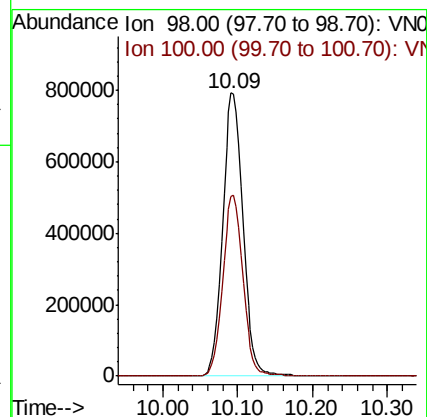
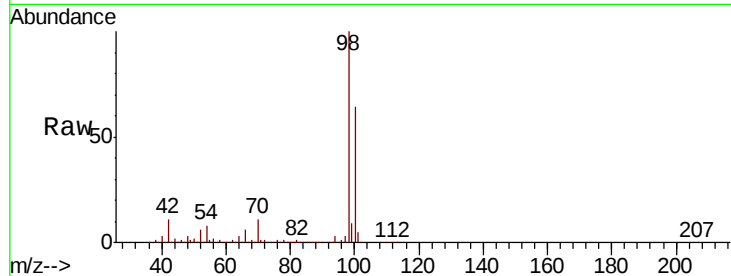
MW-A27

Tot Ion: 98 Resp: 1491829

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#55

1,1,2-Trichloroethane

Concen: 0.46 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Tgt Ion: 97 Resp: 4061

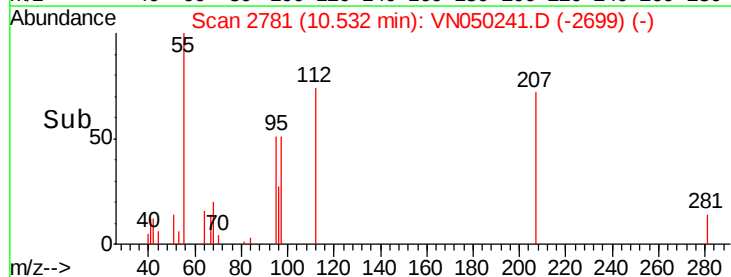
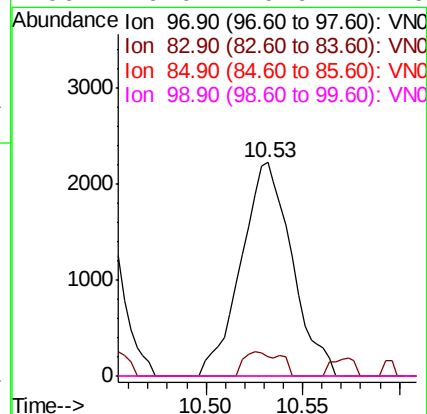
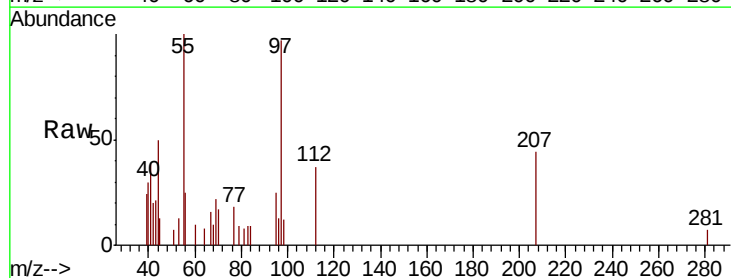
Ion Ratio Lower Upper

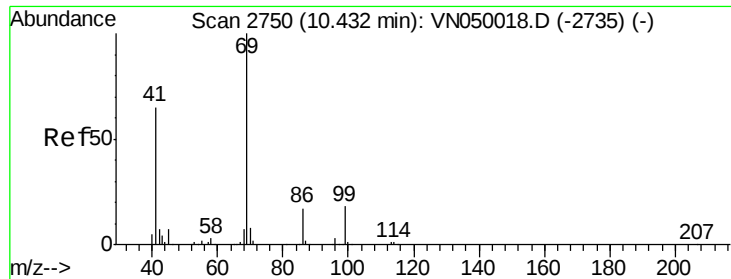
97 100

83 9.0 69.2 103.8#

85 0.0 44.0 66.0#

99 0.0 49.9 74.9#





#56

Ethyl methacrylate

Concen: 2.25 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampled :

MW-A27

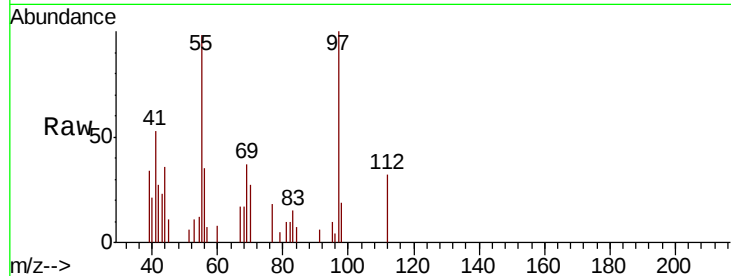
Tot Ion: 69 Resp: 2759

Ion Ratio Lower Upper

69 100

41 139.3 51.0 76.4#

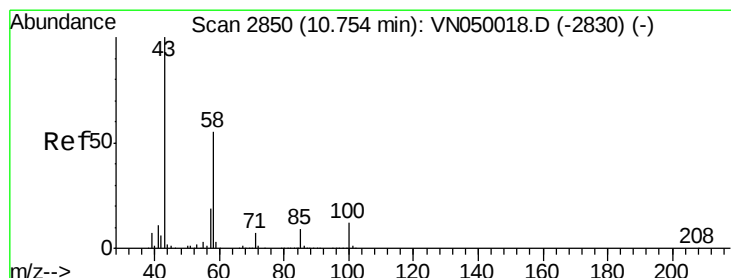
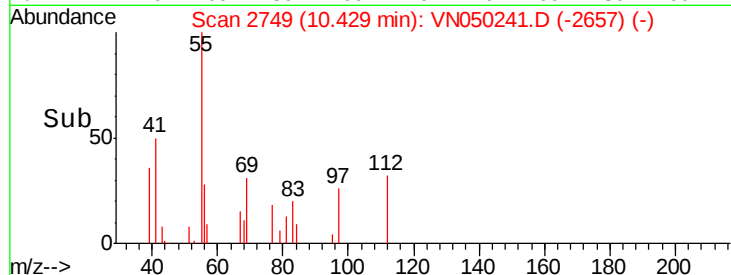
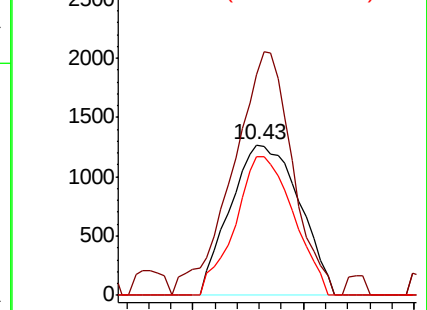
39 77.9 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 5.21 ug/l

RT: 10.75 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VN050241.D

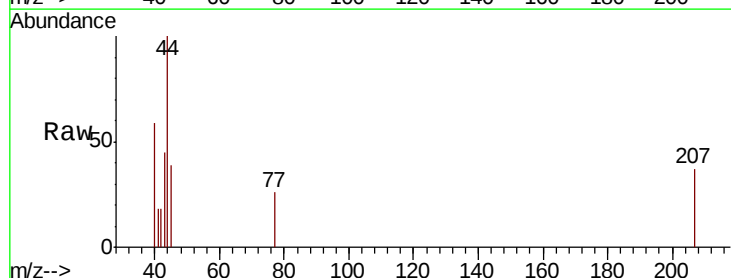
Acq: 1 Aug 2018 11:50

Tgt Ion: 43 Resp: 252

Ion Ratio Lower Upper

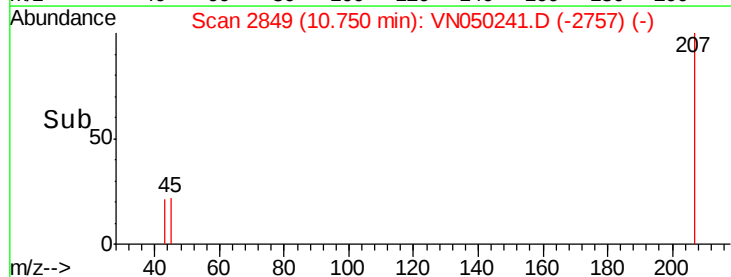
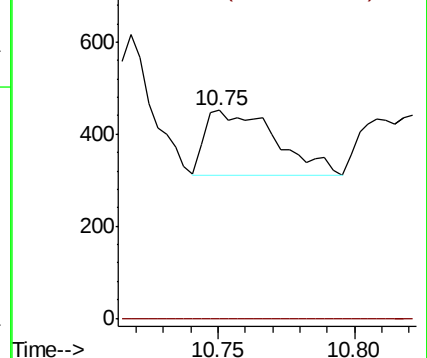
43 100

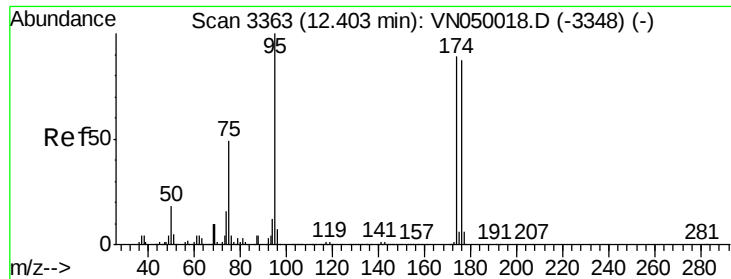
58 0.0 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

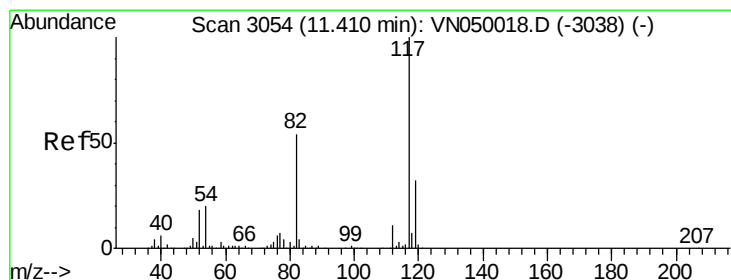
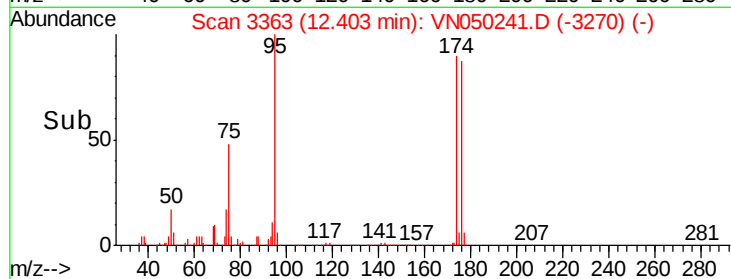
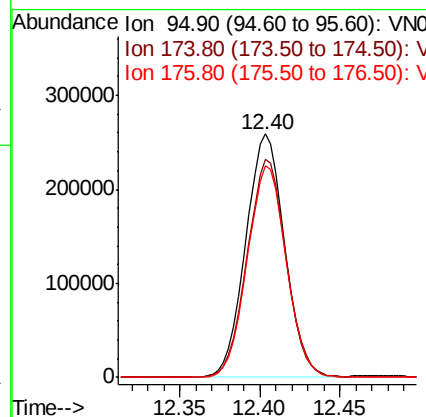
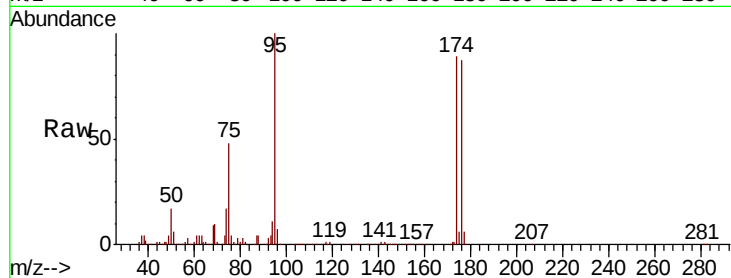




#62
4-Bromofluorobenzene
Concen: 39.73 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

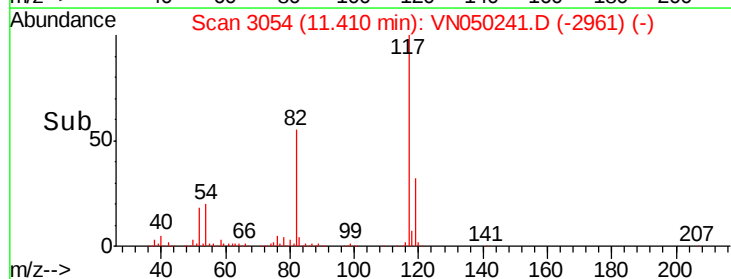
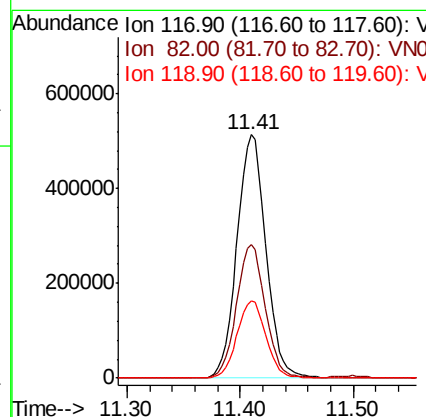
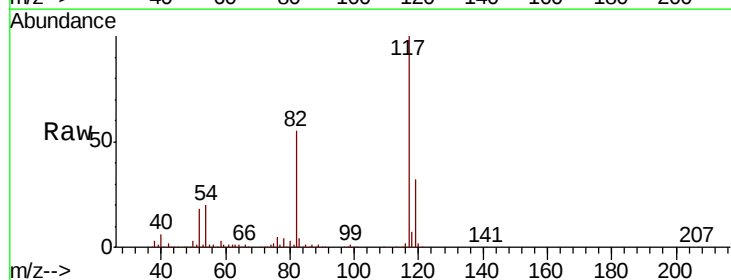
Instrument :
MSVOA_N
ClientSampleId :
MW-A27

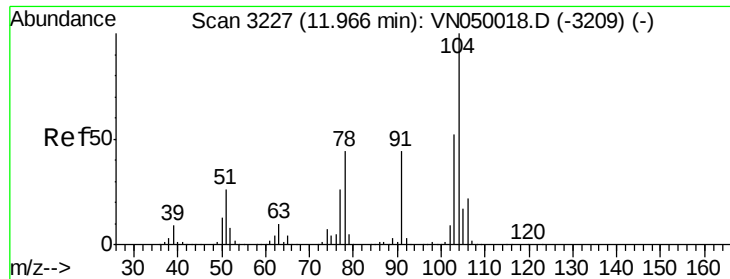
Tot Ion: 95 Resp: 428294
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 87.6 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

Tgt Ion: 117 Resp: 916614
Ion Ratio Lower Upper
117 100
82 55.0 43.7 65.5
119 31.9 26.1 39.1

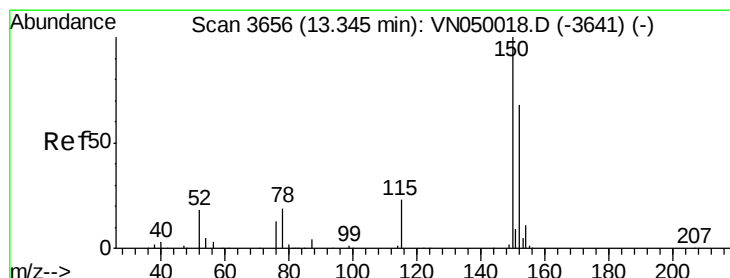
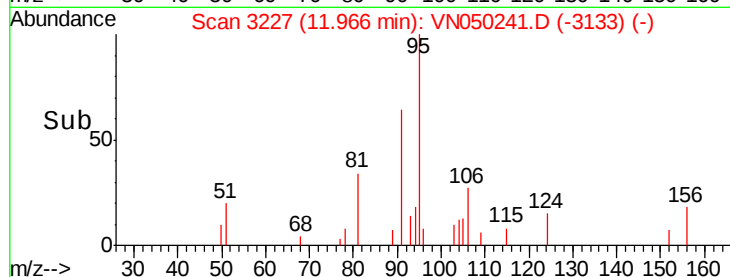
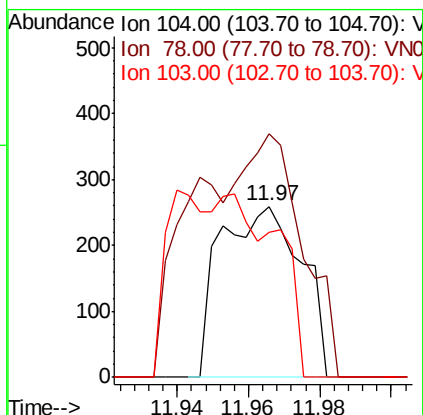
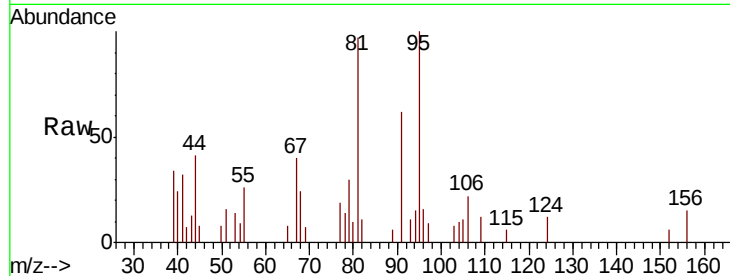




#70
Stvrene
Concen: 0.94 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

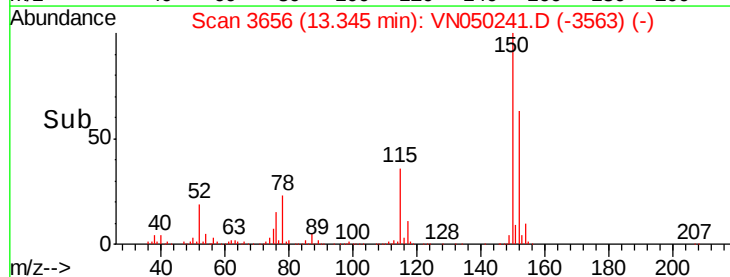
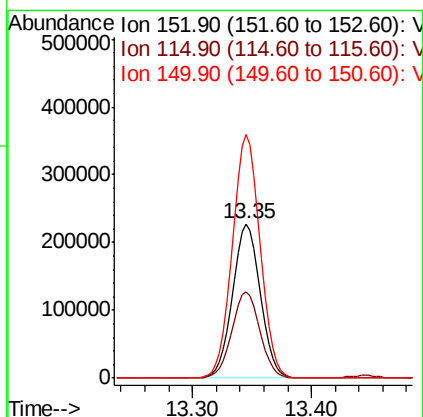
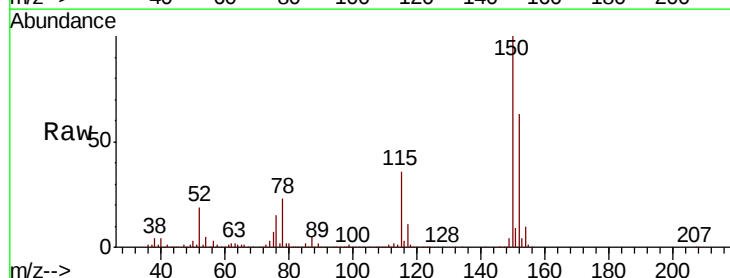
Instrument :
MSVOA_N
ClientSampled :
MW-A27

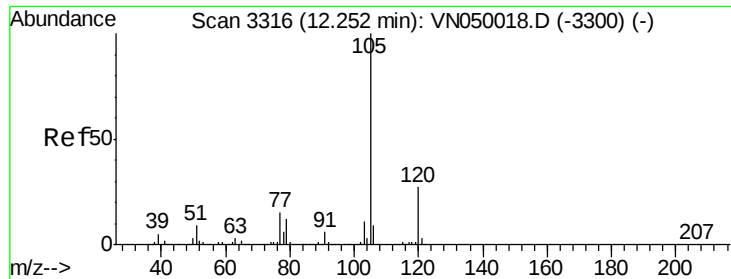
Tot Ion:104 Resp: 407
Ion Ratio Lower Upper
104 100
78 101.0 39.3 58.9#
103 0.0 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

Tgt Ion:152 Resp: 367332
Ion Ratio Lower Upper
152 100
115 56.3 27.8 83.3
150 157.3 0.0 348.6





#73

Isopropylbenzene

Concen: 1.15 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampleId :

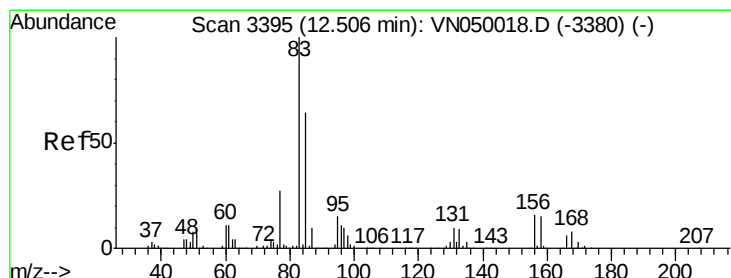
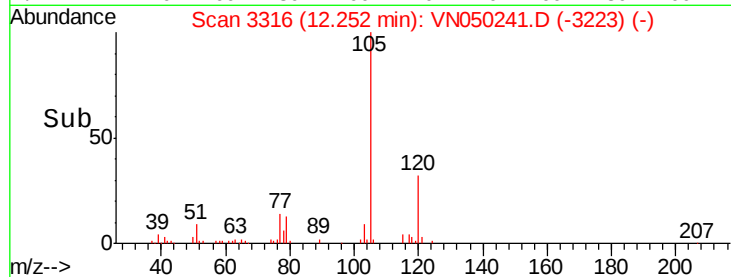
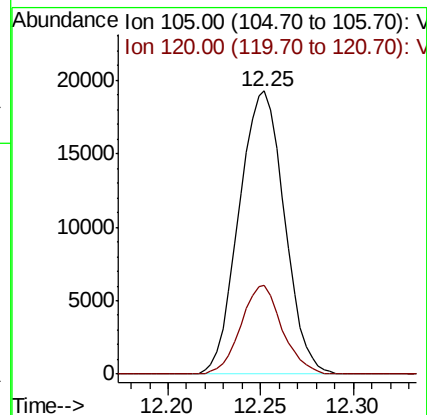
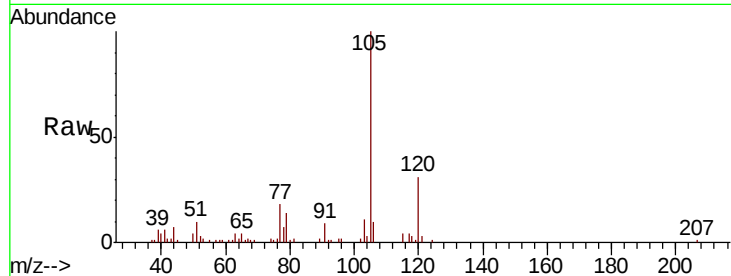
MW-A27

Tot Ion:105 Resp: 32715

Ion Ratio Lower Upper

105 100

120 28.5 13.3 39.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3403

Delta R.T. 0.03 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

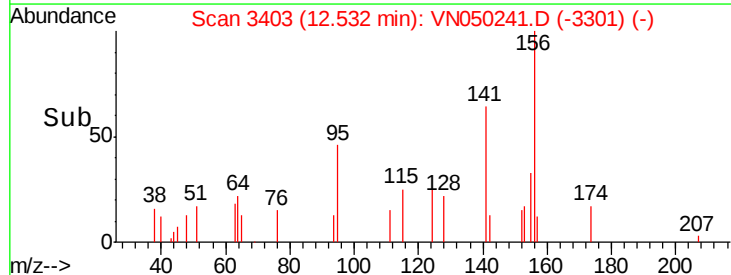
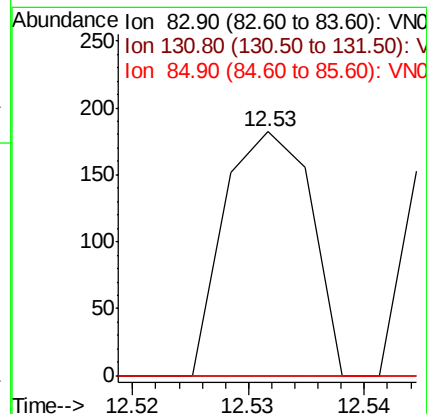
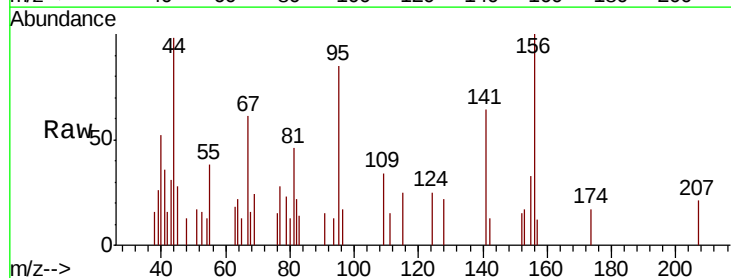
Tgt Ion: 83 Resp: 95

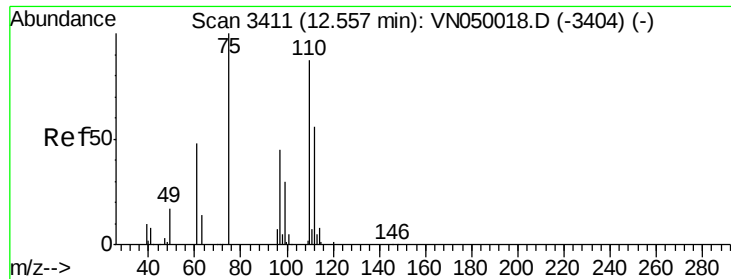
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 30.36 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampleId :

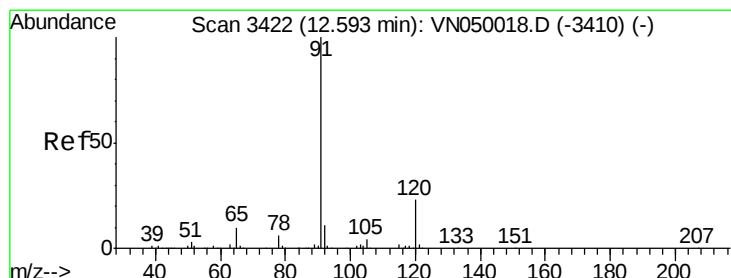
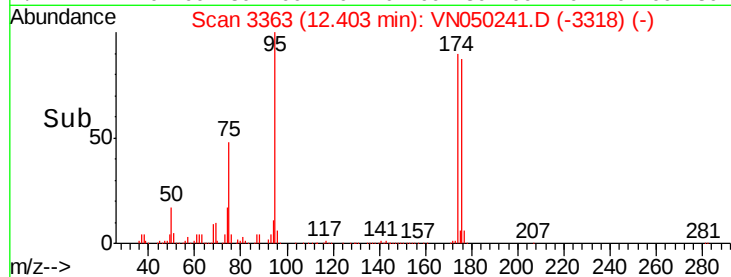
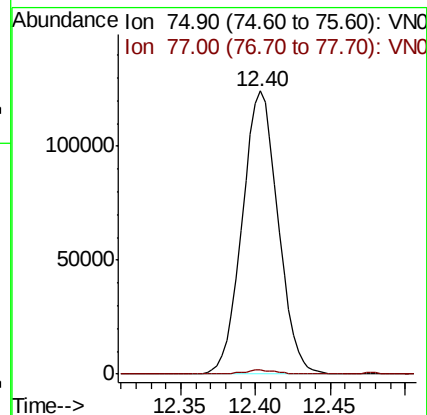
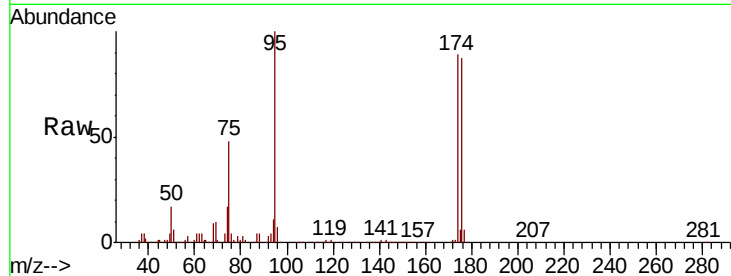
MW-A27

Tot Ion: 75 Resp: 207277

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#78

n-propylbenzene

Concen: 1.01 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050241.D

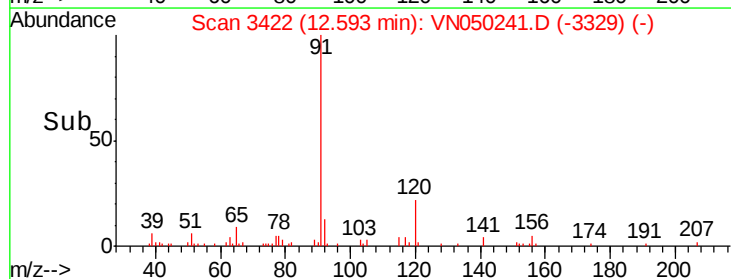
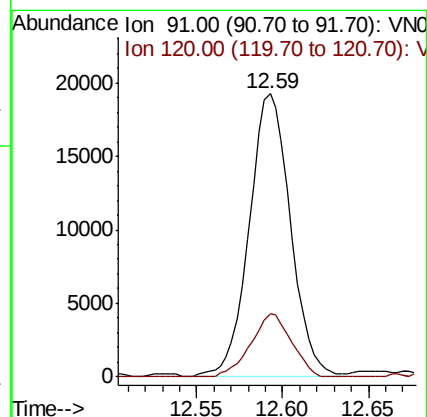
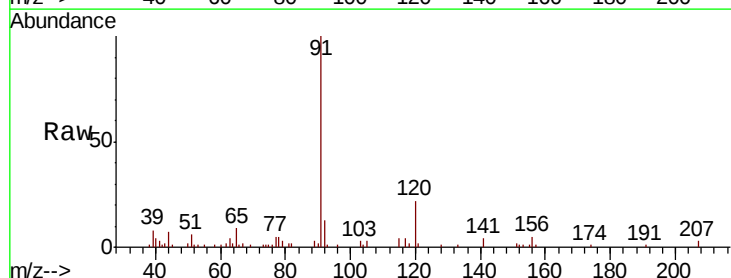
Acq: 1 Aug 2018 11:50

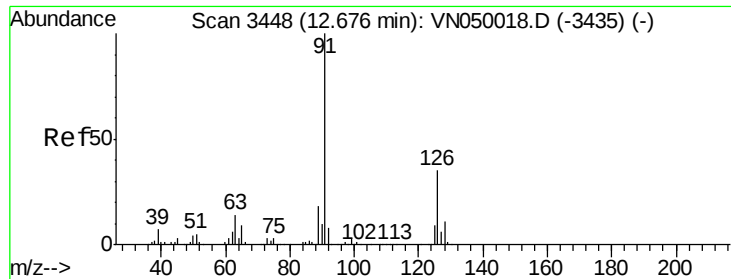
Tgt Ion: 91 Resp: 32107

Ion Ratio Lower Upper

91 100

120 21.9 11.6 34.7





#79

2-Chlorotoluene

Concen: 1.63 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.08 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampleId :

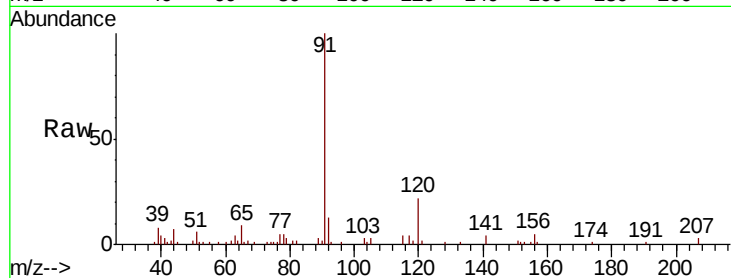
MW-A27

Tot Ion: 91 Resp: 32107

Ion Ratio Lower Upper

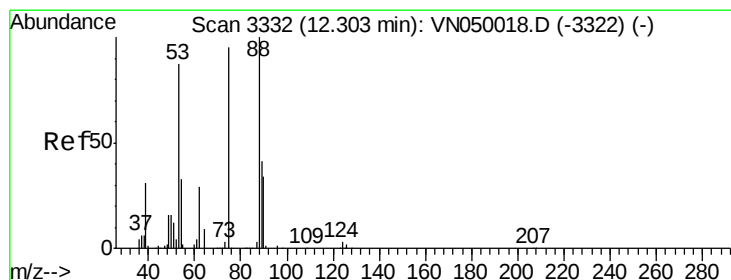
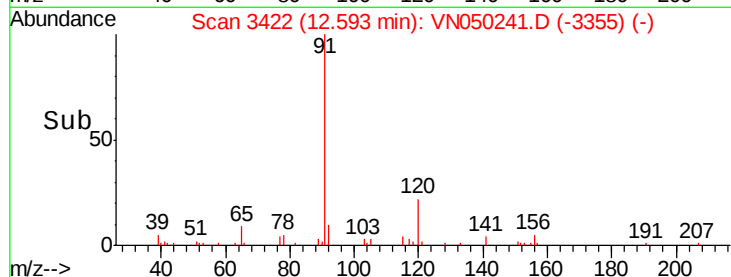
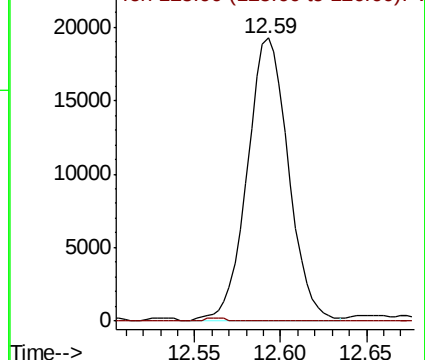
91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): VN



#81

trans-1,4-Dichloro-2-butene

Concen: 96.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

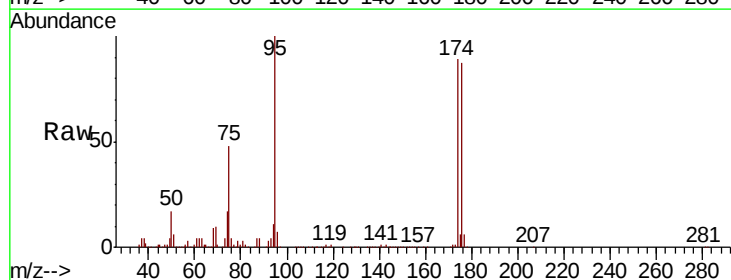
Tgt Ion: 75 Resp: 207277

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

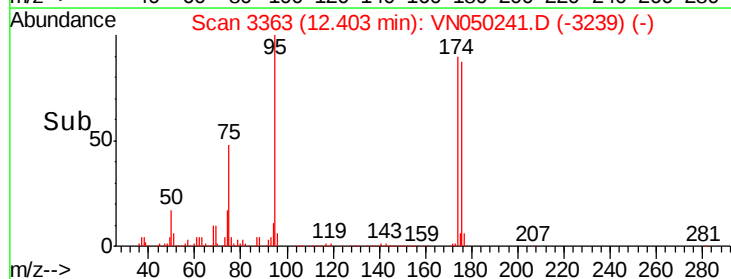
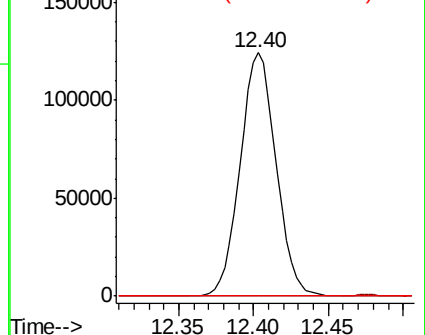
89 0.0 36.0 54.0#

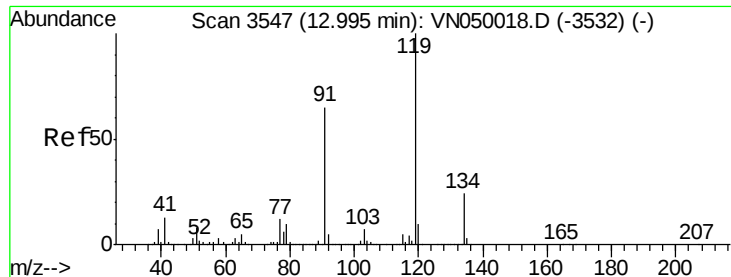


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

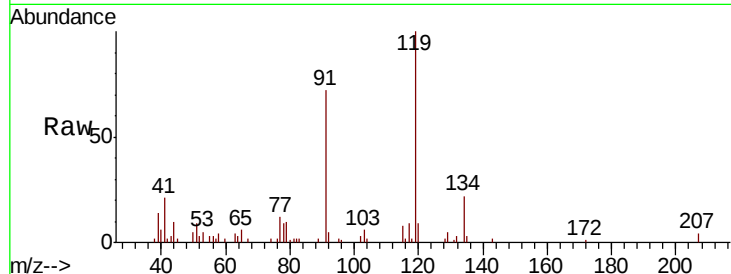




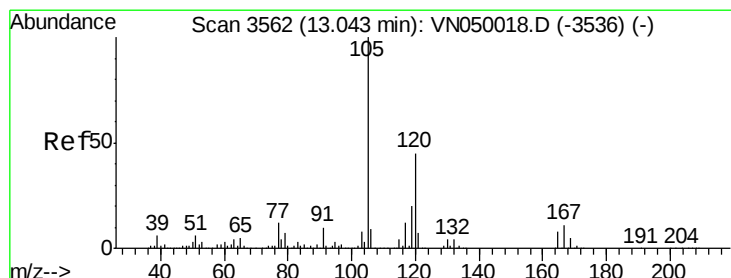
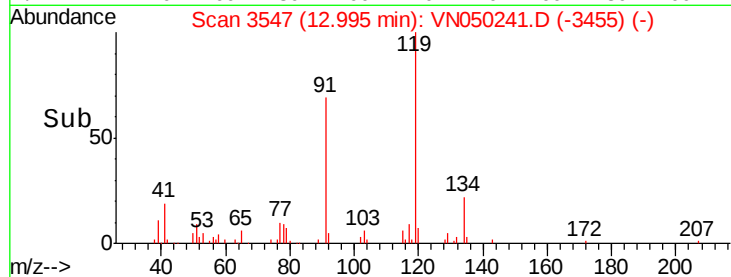
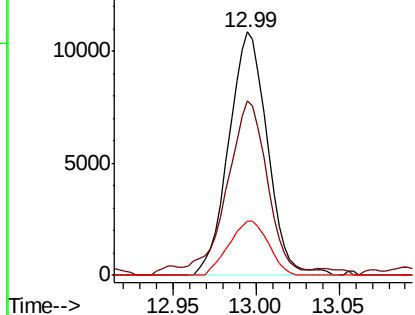
#83
 tert-Butylbenzene
 Concen: 0.90 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

Instrument :
 MSVOA_N
 ClientSampled :
 MW-A27

Tot Ion:119 Resp: 17589
 Ion Ratio Lower Upper
 119 100
 91 68.3 32.1 96.3
 134 22.8 13.2 39.5

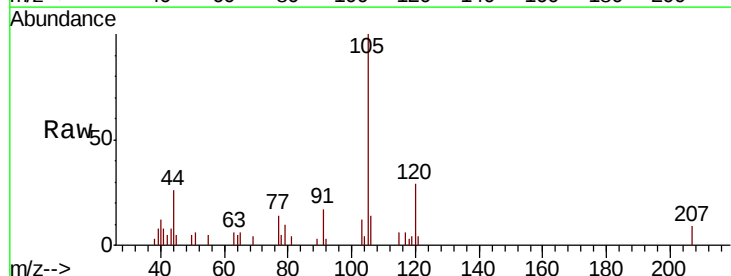


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

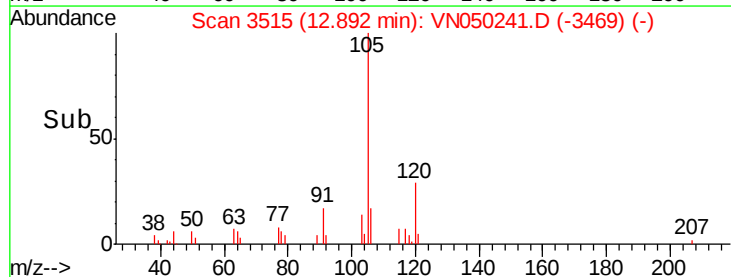
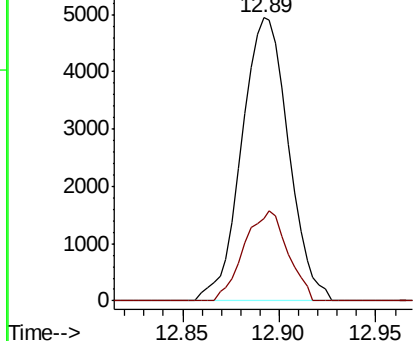


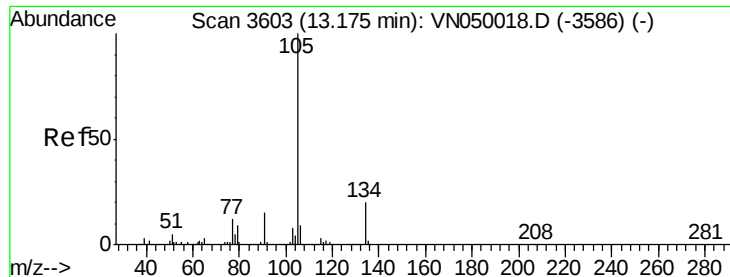
#84
 1,2,4-Trimethylbenzene
 Concen: 0.37 ug/l
 RT: 12.89 min Scan# 3515
 Delta R.T. -0.15 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

Tgt Ion:105 Resp: 8308
 Ion Ratio Lower Upper
 105 100
 120 29.7 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.11 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampleId :

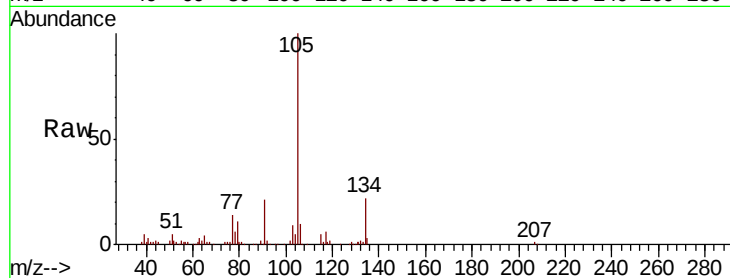
MW-A27

Tot Ion:105 Resp: 107339

Ion Ratio Lower Upper

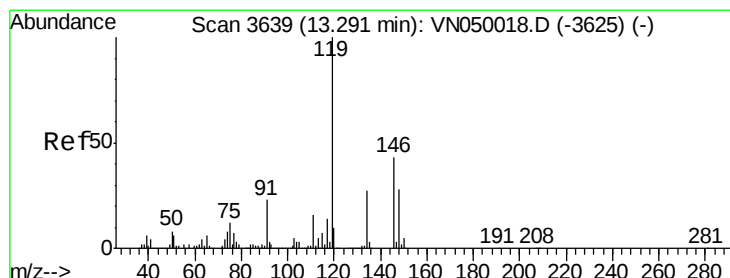
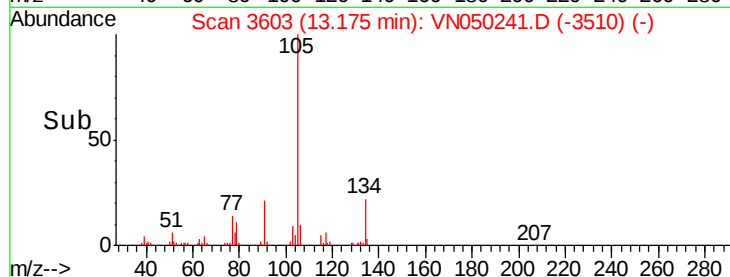
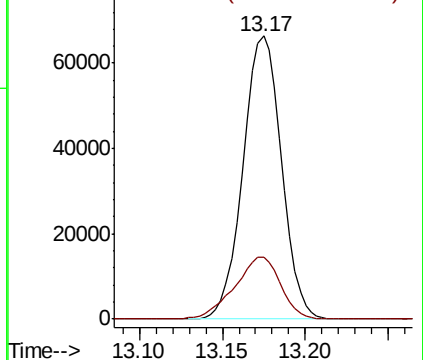
105 100

134 26.2 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: 3.00 ug/l

RT: 13.44 min Scan# 3687

Delta R.T. 0.15 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

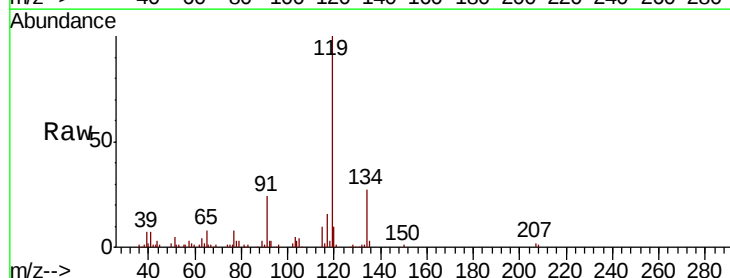
Tgt Ion:119 Resp: 66160

Ion Ratio Lower Upper

119 100

134 27.8 13.3 39.8

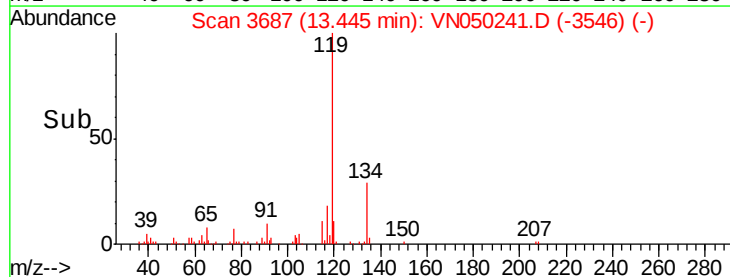
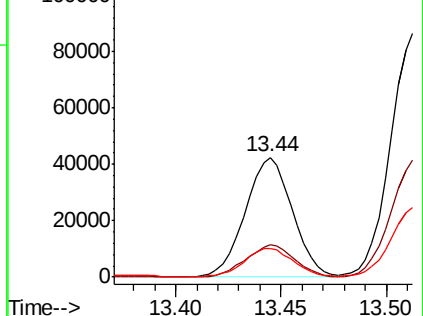
91 24.1 11.4 34.2

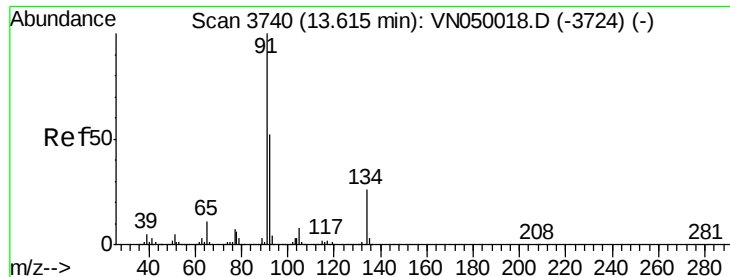


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.65 ug/l

RT: 13.59 min Scan# 3733

Delta R.T. -0.03 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampled :

MW-A27

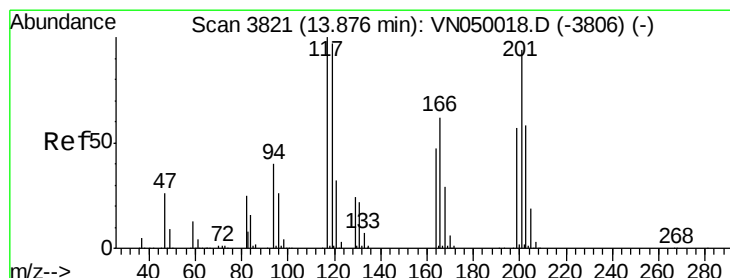
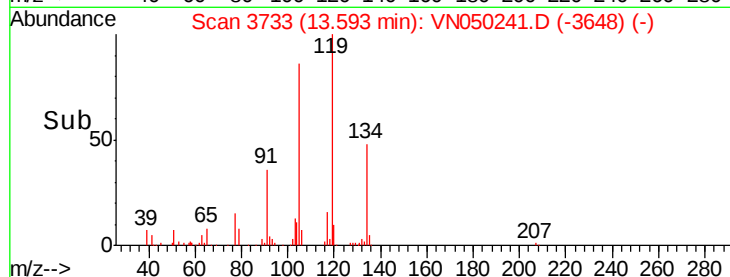
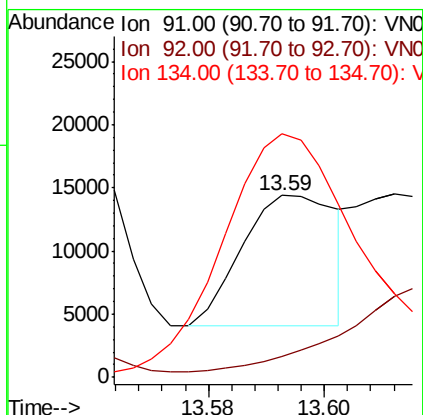
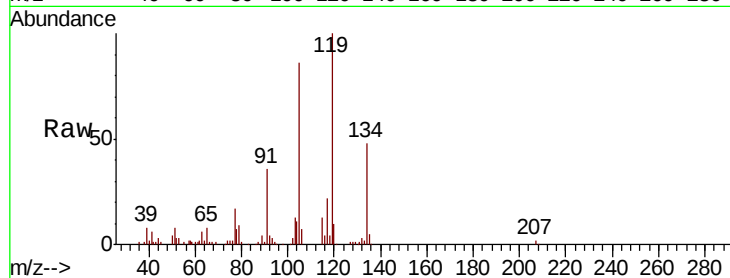
Tot Ion: 91 Resp: 11694

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.4#

134 290.9 12.8 38.4#



#90

Hexachloroethane

Concen: 10.61 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050241.D

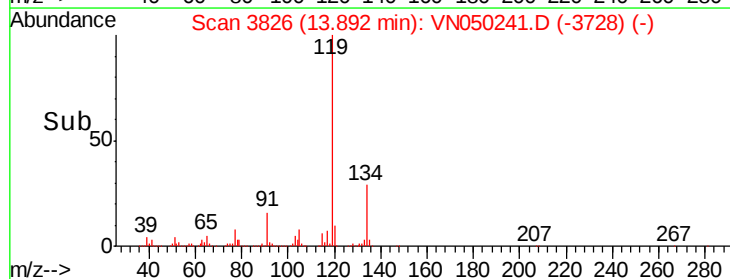
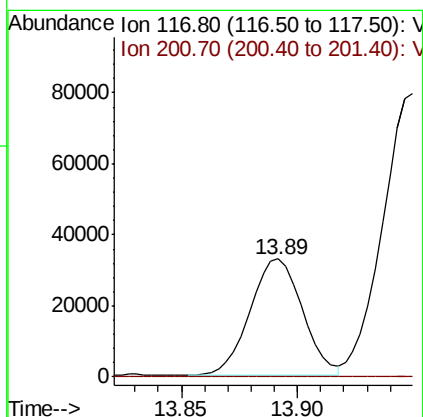
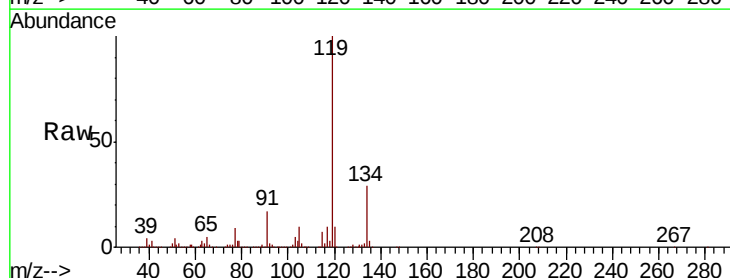
Acq: 1 Aug 2018 11:50

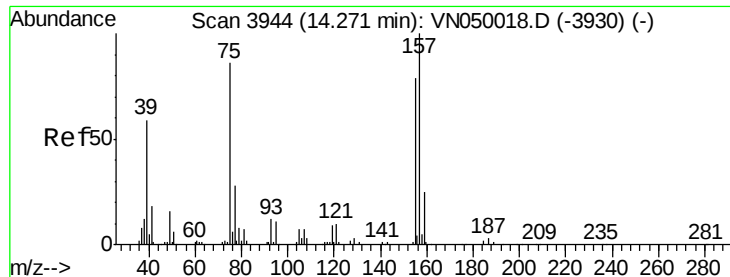
Tgt Ion: 117 Resp: 51871

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#

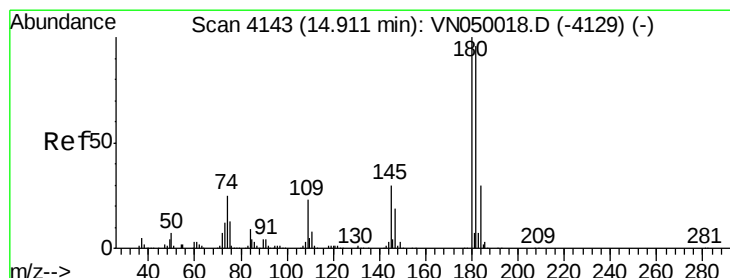
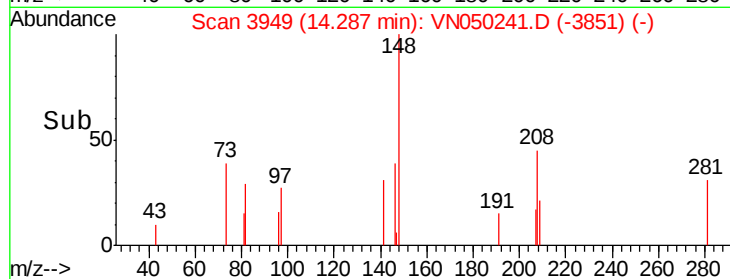
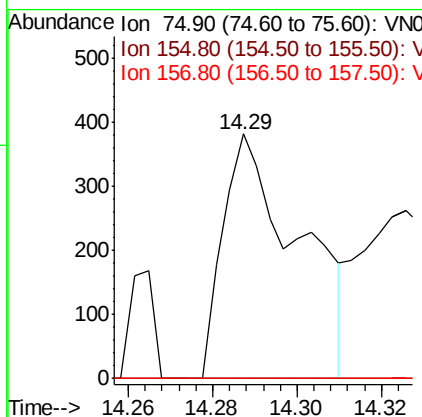
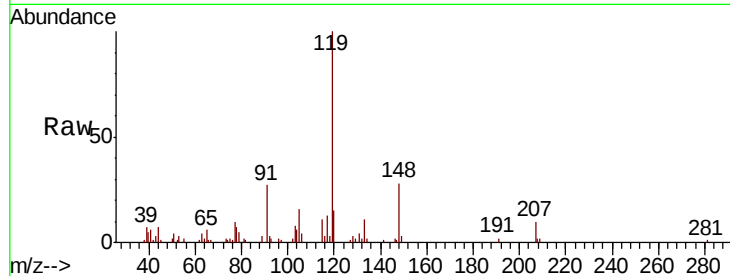




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.29 min Scan# 3949
 Delta R.T. 0.02 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

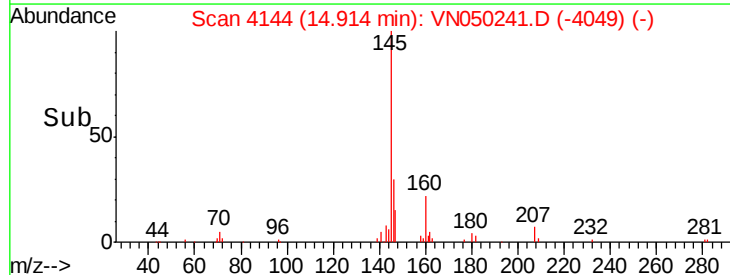
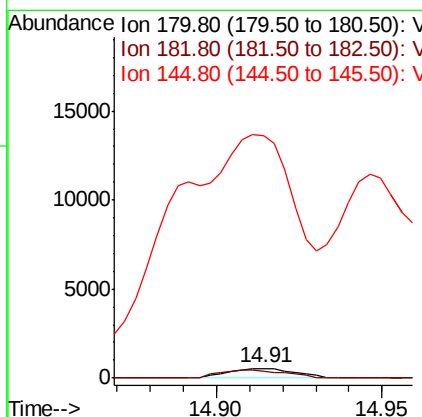
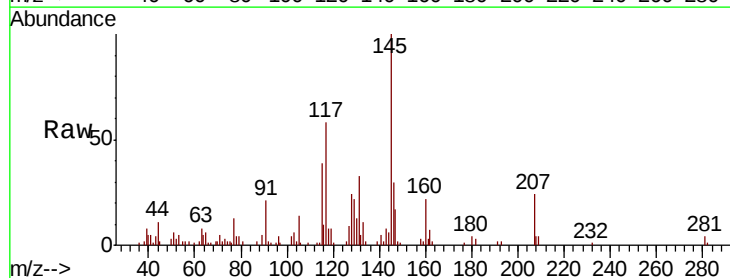
Instrument :
 MSVOA_N
 ClientSampled :
 MW-A27

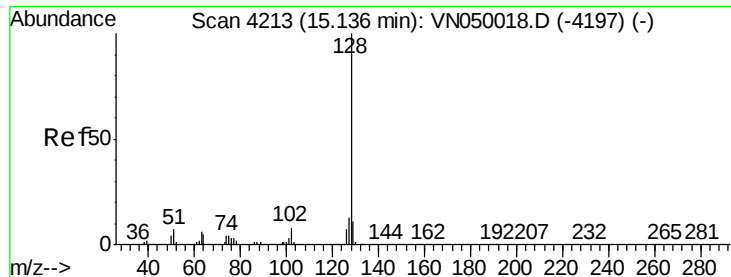
Tot Ion: 75 Resp: 475
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.8 134.4#
 157 0.0 57.2 171.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.19 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

Tgt Ion: 180 Resp: 759
 Ion Ratio Lower Upper
 180 100
 182 86.2 46.7 140.1
 145 4538.1 13.8 41.4#

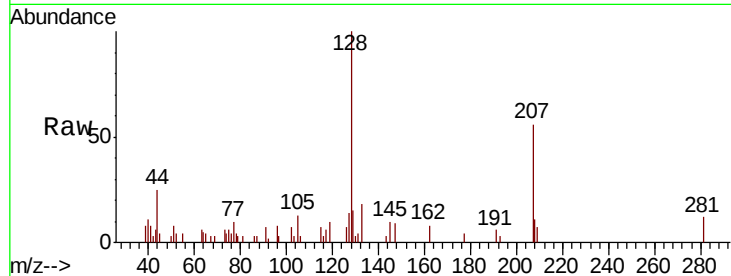




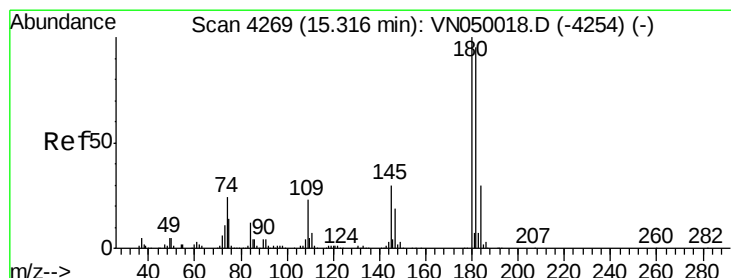
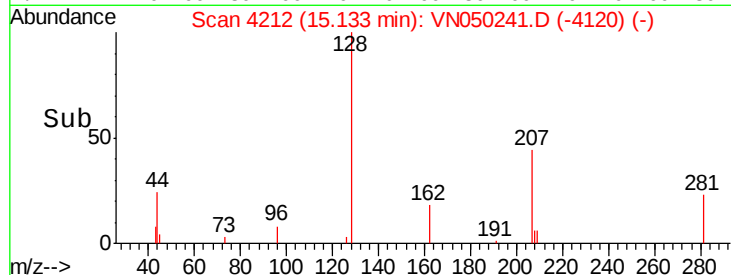
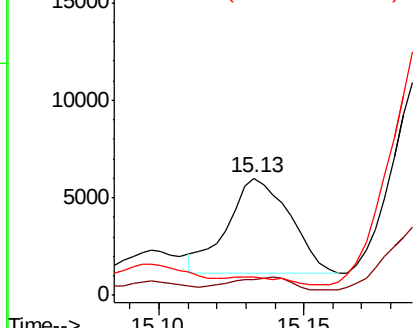
#95
Naphthalene
Concen: 4.81 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

Instrument :
MSVOA_N
ClientSampleId :
MW-A27

Tot Ion:128 Resp: 7291
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 0.0 8.8 13.2#

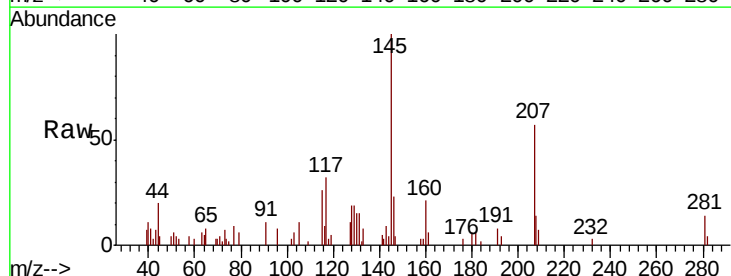


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 2.28 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

Tgt Ion:180 Resp: 568
Ion Ratio Lower Upper
180 100
182 92.6 48.1 144.4
145 7122.0 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

