

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050243.D
 Acq On : 1 Aug 2018 12:40
 Operator : MD\SY
 Sample : J4256-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A01

Quant Time: Aug 02 00:53:07 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	672648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1075672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	888007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	359614	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	464815	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	7.59	113	413644	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
50) Toluene-d8	10.09	98	1469351	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.40	95	421518	39.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.30%	

Target Compounds				Qvalue		
5) Bromomethane	2.56	94	654	Below Cal		91
11) Tert butyl alcohol	4.79	59	879	1.27 ug/l	#	72
16) Acetone	3.83	43	13013	1.57 ug/l		95
17) Carbon Disulfide	4.05	76	6302	0.27 ug/l	#	75
18) Methyl Acetate	4.34	43	13008	Below Cal		93
20) Methylene Chloride	4.56	84	4806	Below Cal		91
29) Tetrahydrofuran	7.23	42	979	0.42 ug/l	#	61
31) Cyclohexane	7.67	56	17654	1.30 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	46406	3.83 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	60200	4.68 ug/l	#	16
39) Methylcyclohexane	9.08	83	16953	1.36 ug/l		96
41) Methacrylonitrile	7.24	41	1494	3.07 ug/l	#	10
43) Isopropyl Acetate	8.25	43	113842	6.15 ug/l	#	62
51) 4-Methyl-2-Pentanone	9.93	43	7227	0.87 ug/l	#	35
55) 1,1,2-Trichloroethane	10.53	97	8479	0.98 ug/l	#	19
56) Ethyl methacrylate	10.44	69	5440	2.48 ug/l	#	13
59) 2-Hexanone	10.72	43	1532	5.42 ug/l	#	24
73) Isopropylbenzene	12.25	105	142239	5.10 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.48	83	1182	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	206188	30.85 ug/l	#	100
78) n-propylbenzene	12.59	91	152077	4.88 ug/l		97
79) 2-Chlorotoluene	12.59	91	152077	7.87 ug/l	#	40
81) trans-1,4-Dichloro-2-buten	12.40	75	206188	97.86 ug/l	#	13
82) 4-Chlorotoluene	12.59	91	152077	7.95 ug/l	#	41
83) tert-Butylbenzene	12.99	119	20842	1.09 ug/l		91
84) 1,2,4-Trimethylbenzene	13.17	105	146575	6.63 ug/l	#	31
85) sec-Butylbenzene	13.17	105	146575	5.73 ug/l		87
86) p-Isopropyltoluene	13.44	119	72900	3.38 ug/l		96
89) n-Butylbenzene	13.62	91	28404	1.60 ug/l	#	80
90) Hexachloroethane	13.89	117	42505	8.88 ug/l	#	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	446	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.92	180	365	3.14 ug/l	#	1
95) Naphthalene	15.14	128	1145	4.48 ug/l	#	69
96) 1,2,3-Trichlorobenzene	15.32	180	96	2.22 ug/l	#	12

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

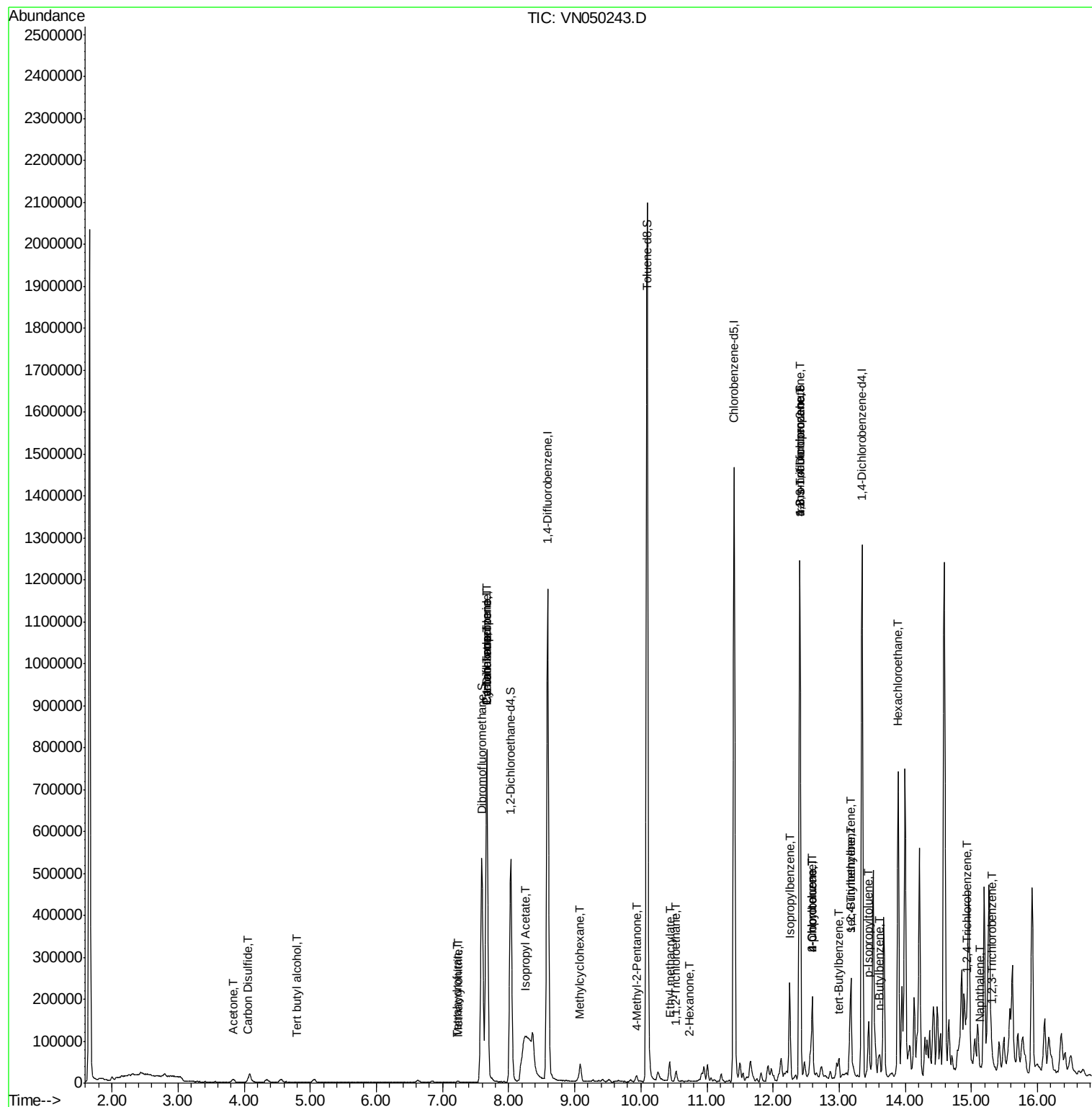
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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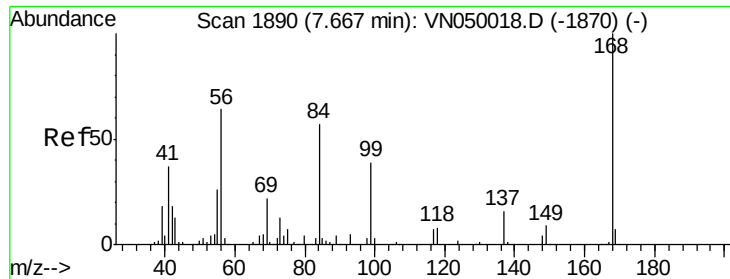
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050243.D

Acq: 1 Aug 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

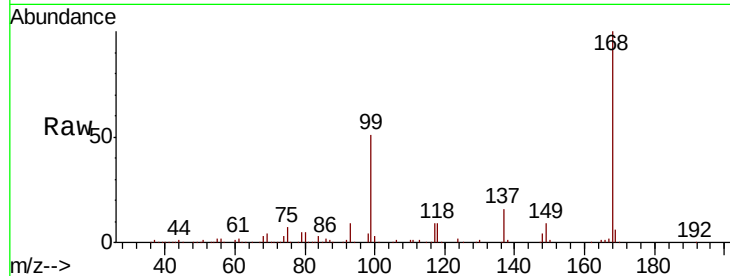
MW-A01

Tot Ion:168 Resp: 672648

Ion Ratio Lower Upper

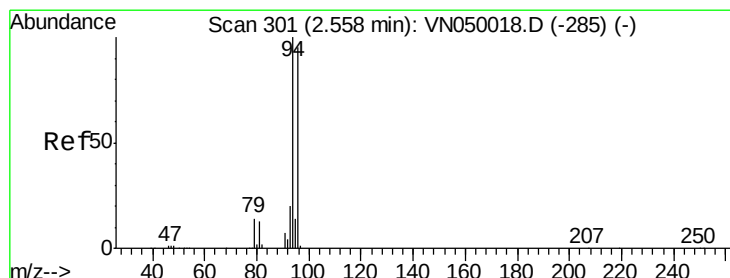
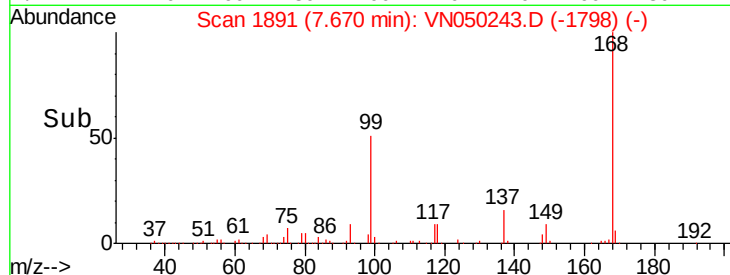
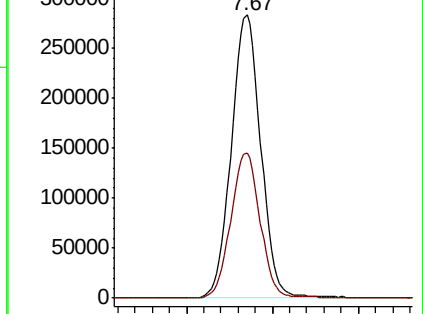
168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050243.D

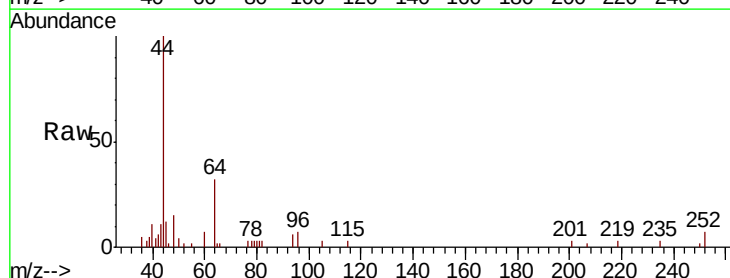
Acq: 1 Aug 2018 12:40

Tgt Ion: 94 Resp: 654

Ion Ratio Lower Upper

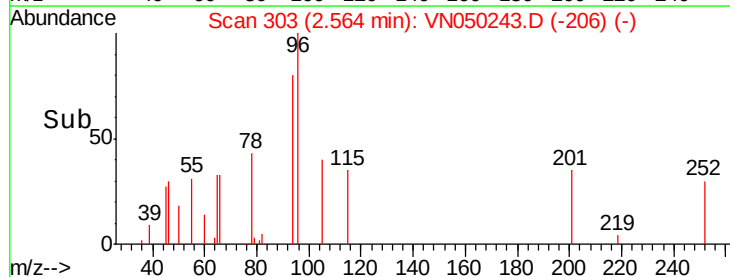
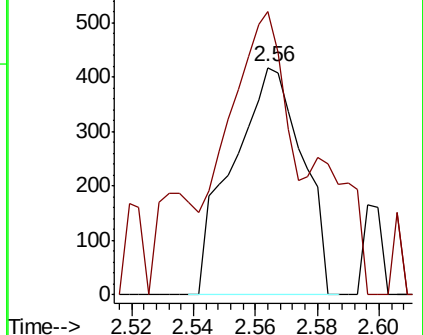
94 100

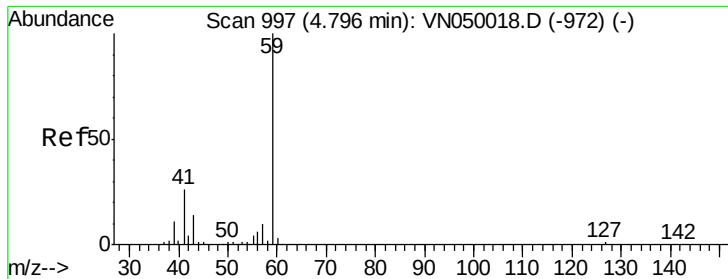
96 84.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

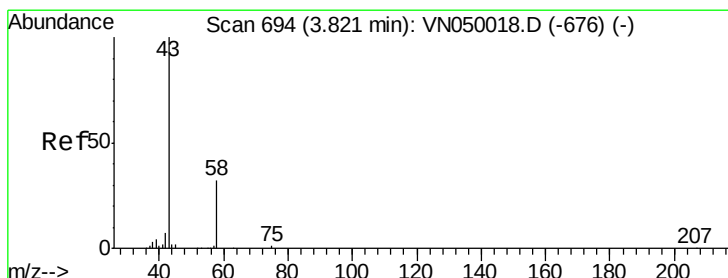
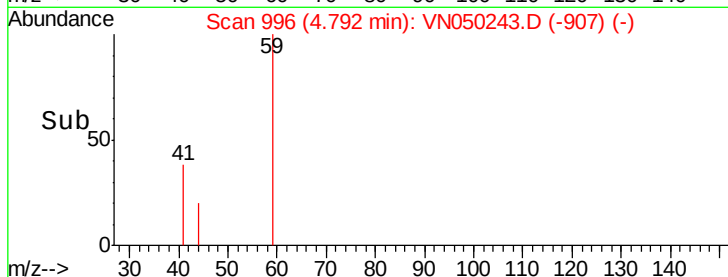
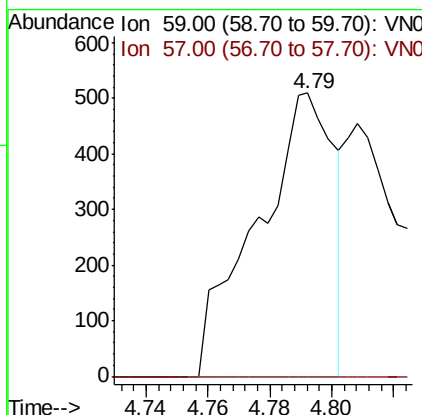
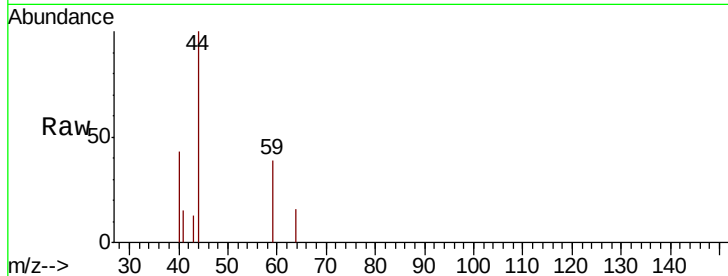




#11
Tert butyl alcohol
Concen: 1.27 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.01 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

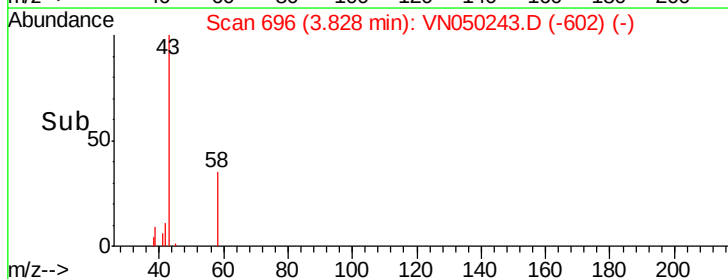
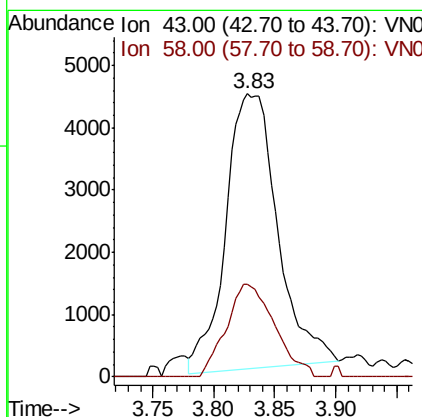
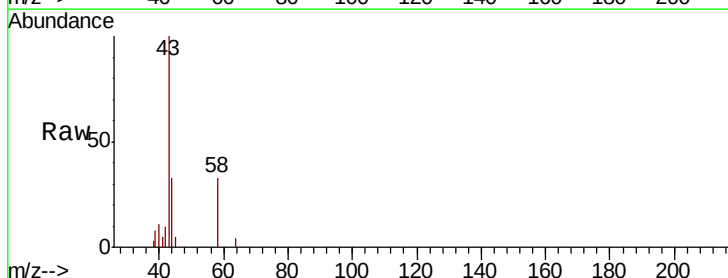
Instrument :
MSVOA_N
ClientSampleId :
MW-A01

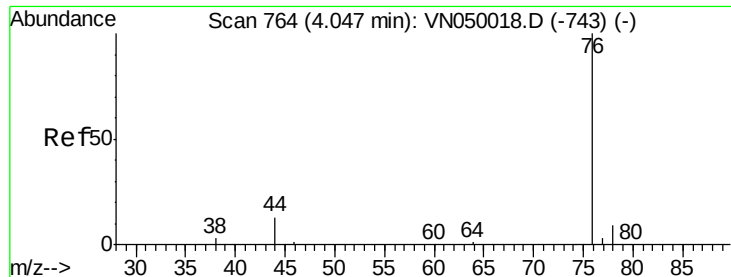
Tot Ion: 59 Resp: 879
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 1.57 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

Tgt Ion: 43 Resp: 13013
Ion Ratio Lower Upper
43 100
58 35.0 25.8 38.8





#17

Carbon Disulfide

Concen: 0.27 ua/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

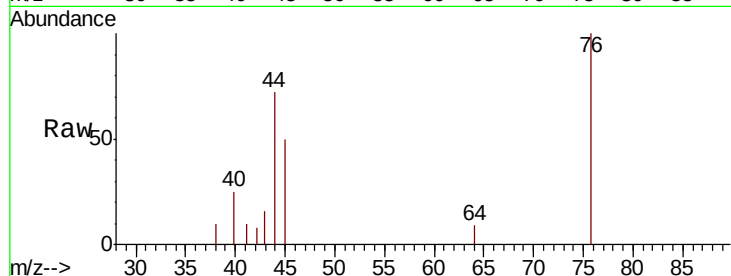
MW-A01

Tot Ion: 76 Resp: 6302

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.05

2500

2000

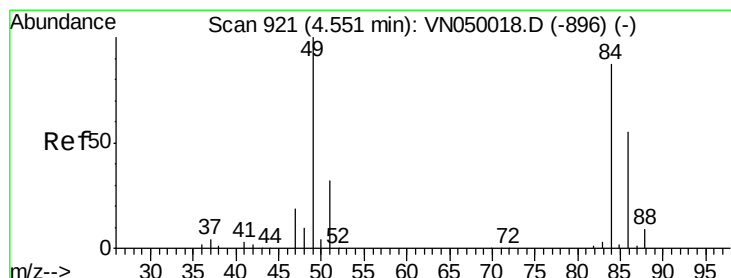
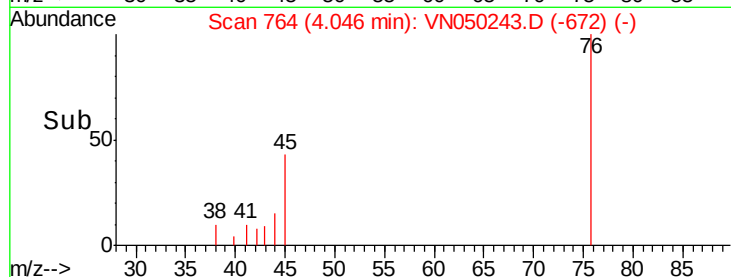
1500

1000

500

0

Time--> 3.95 4.00 4.05 4.10



#20

Methylene Chloride

Concen: Below Cal

RT: 4.56 min Scan# 923

Delta R.T. 0.01 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

Tgt Ion: 84 Resp: 4806

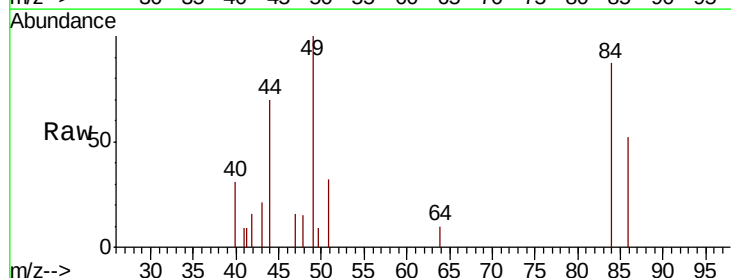
Ion Ratio Lower Upper

84 100

49 103.9 94.8 142.2

51 37.3 28.3 42.5

86 59.7 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

3000

2500

2000

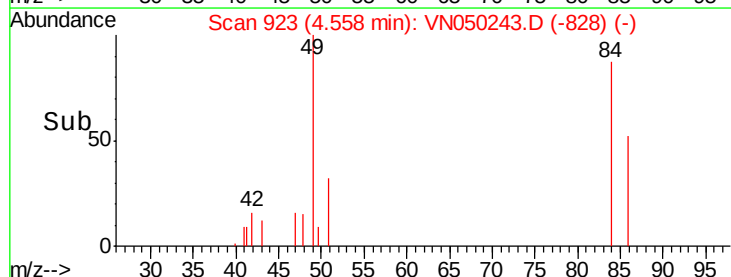
1500

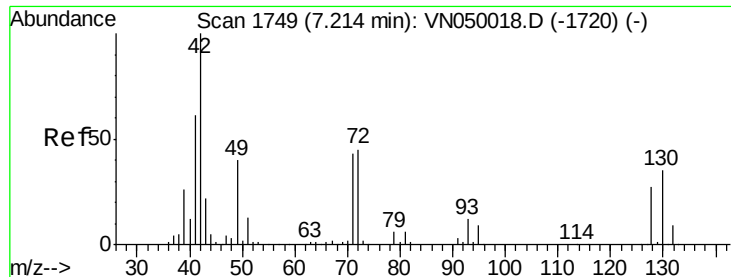
1000

500

0

Time--> 4.50 4.55 4.60





#29

Tetrahydrofuran

Concen: 0.42 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

Instrument :

MSVOA_N

ClientSampled :

MW-A01

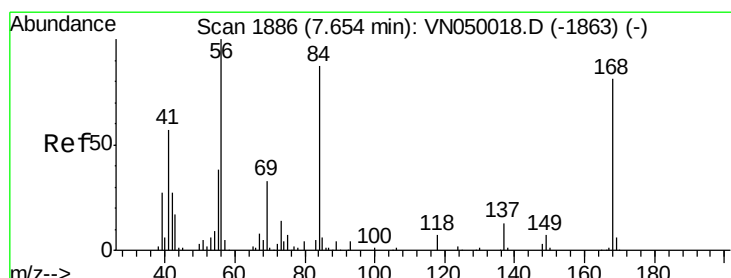
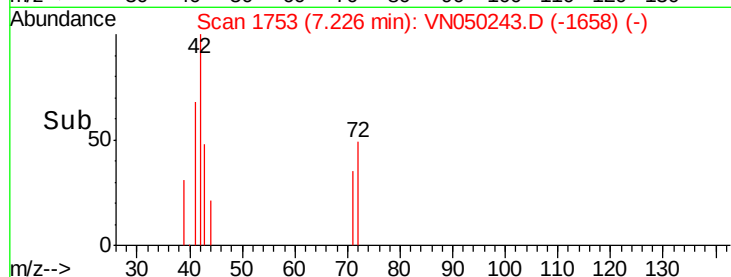
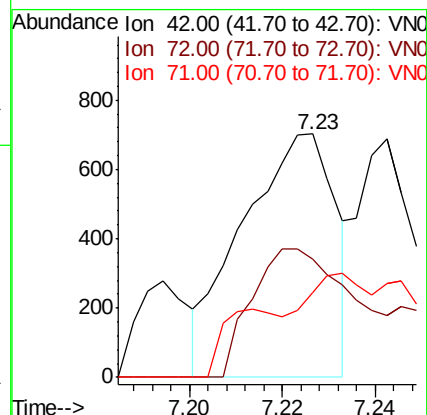
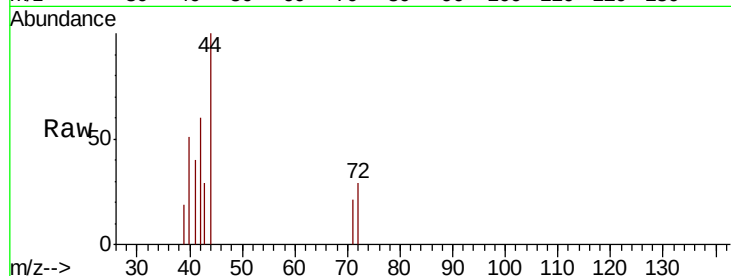
Tot Ion: 42 Resp: 979

Ion Ratio Lower Upper

42 100

72 66.1 35.9 53.9#

71 12.9 33.7 50.5#



#31

Cyclohexane

Concen: 1.30 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

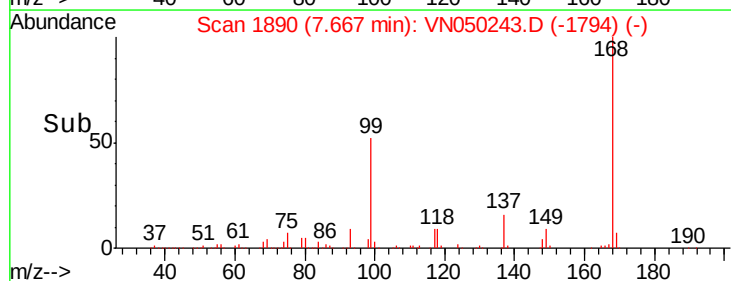
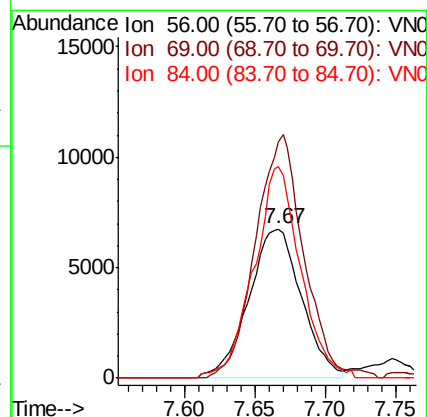
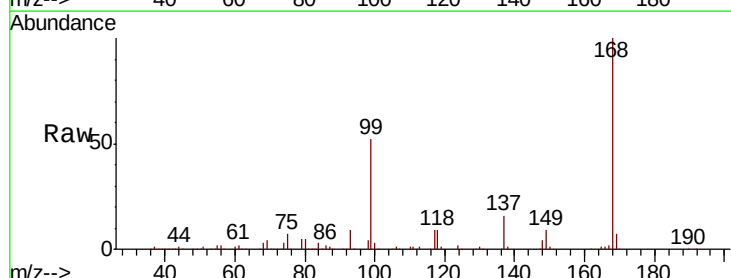
Tgt Ion: 56 Resp: 17654

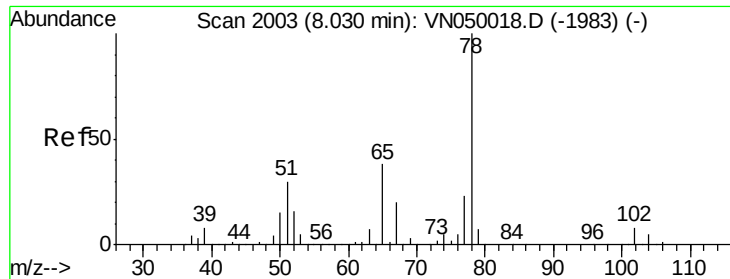
Ion Ratio Lower Upper

56 100

69 158.2 26.2 39.4#

84 141.9 67.4 101.0#

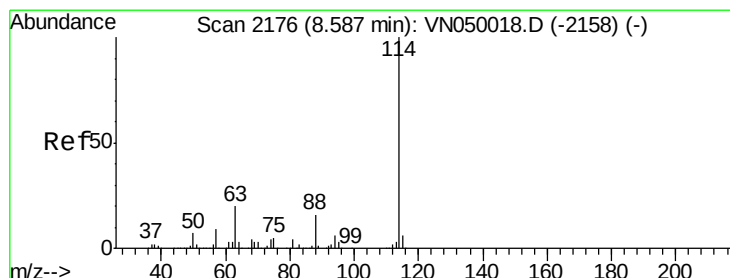
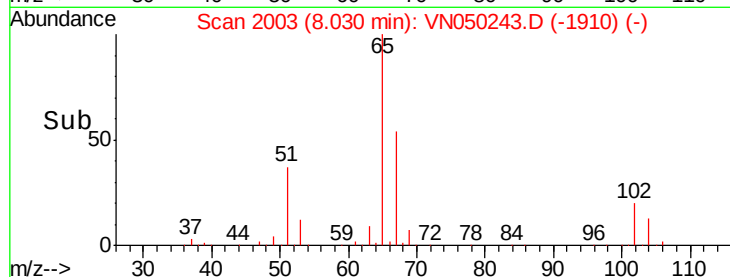
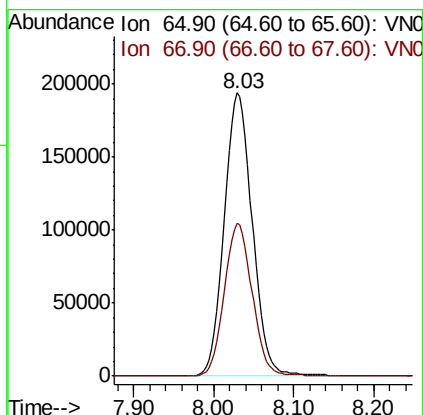
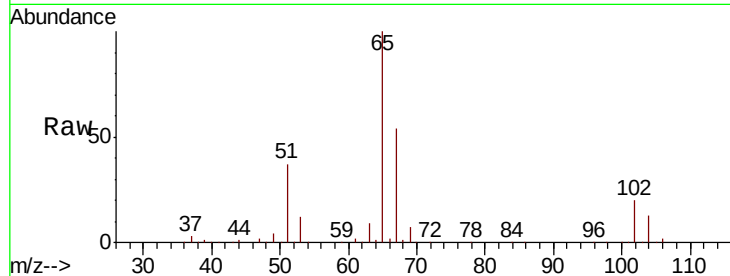




#33
 1,2-Dichloroethane-d4
 Concen: 49.53 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050243.D
 Acq: 1 Aug 2018 12:40

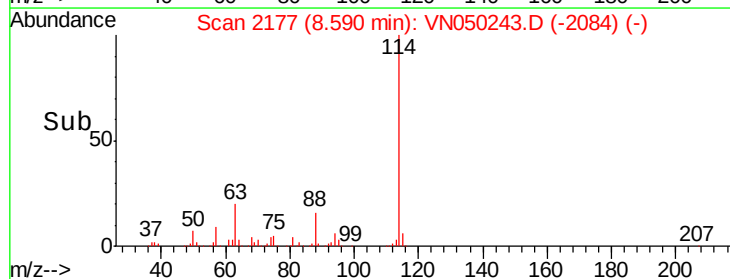
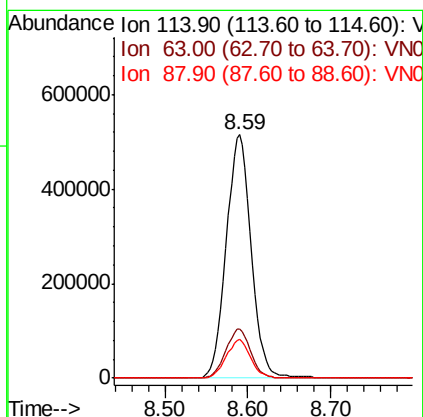
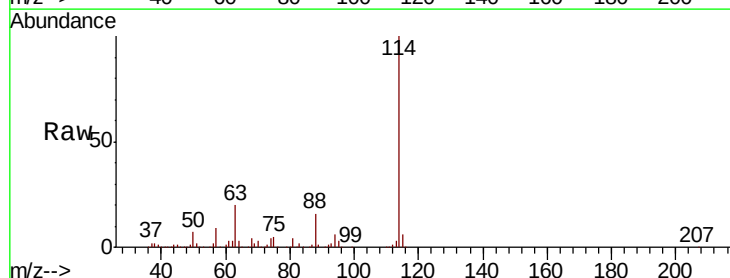
Instrument :
 MSVOA_N
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 MW-A01

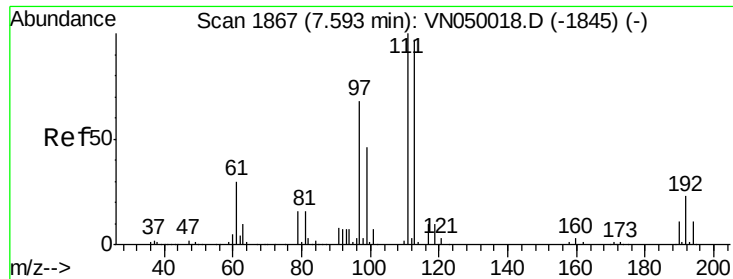
Tot Ion: 65 Resp: 464815
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050243.D
 Acq: 1 Aug 2018 12:40

Tgt Ion: 114 Resp: 1075672
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.7 0.0 31.2

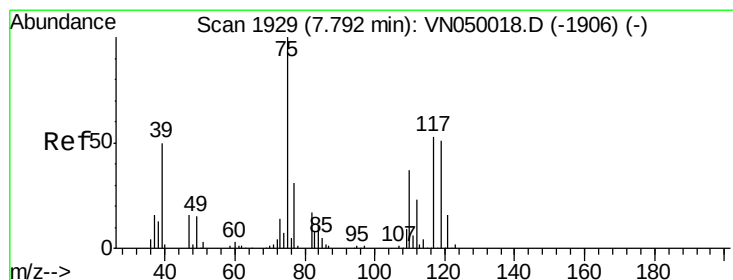
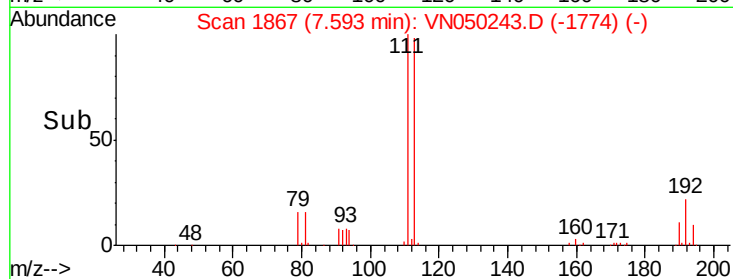
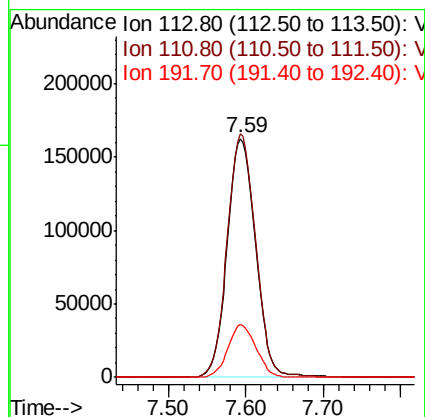
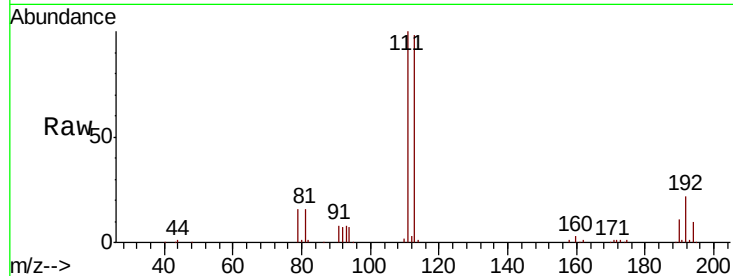




#35
 Dibromofluoromethane
 Concen: 47.10 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050243.D
 Acq: 1 Aug 2018 12:40

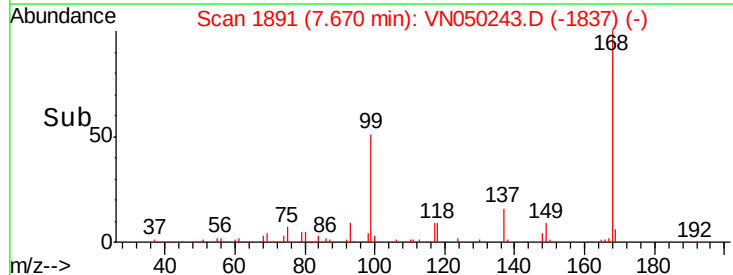
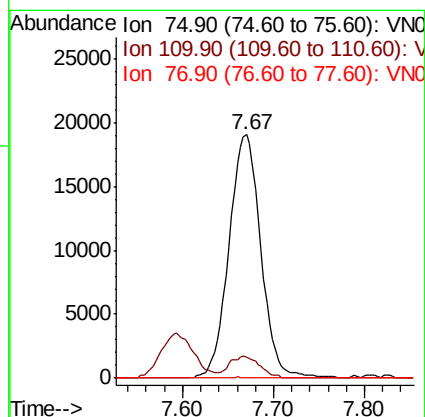
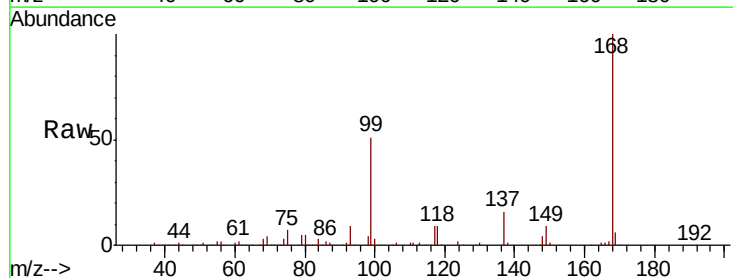
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A01

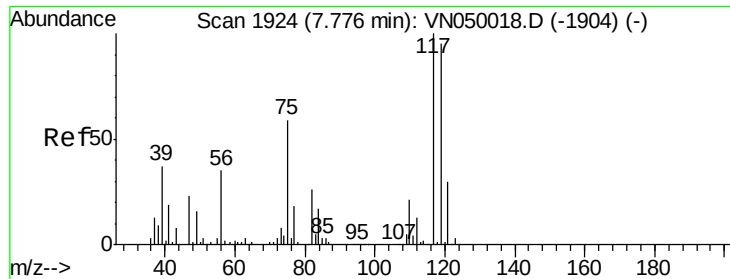
Tot Ion:113 Resp: 413644
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.7 121.1
 192 21.8 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.83 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050243.D
 Acq: 1 Aug 2018 12:40

Tgt Ion: 75 Resp: 46406
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.4 55.2#
 77 0.1 25.3 37.9#

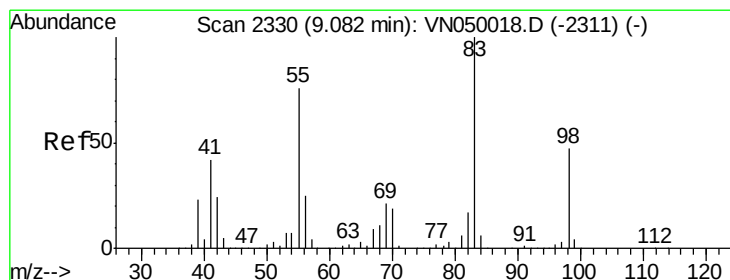
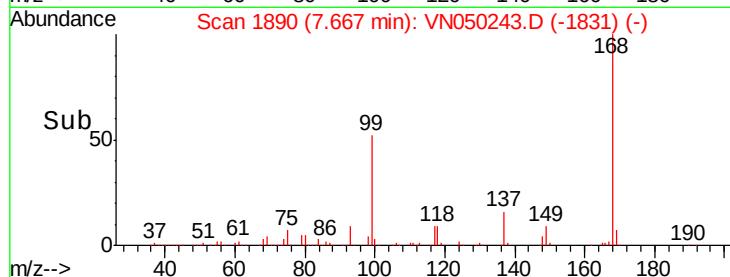
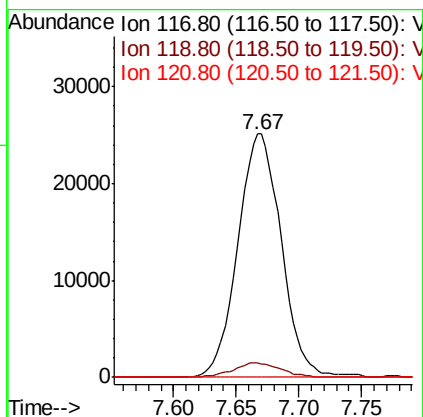
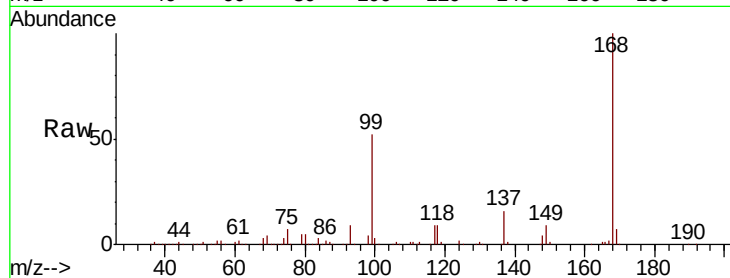




#38
Carbon Tetrachloride
Concen: 4.68 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

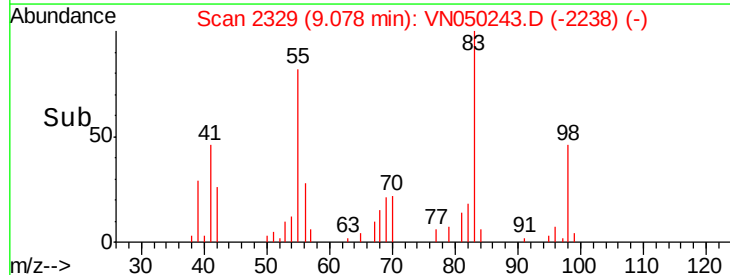
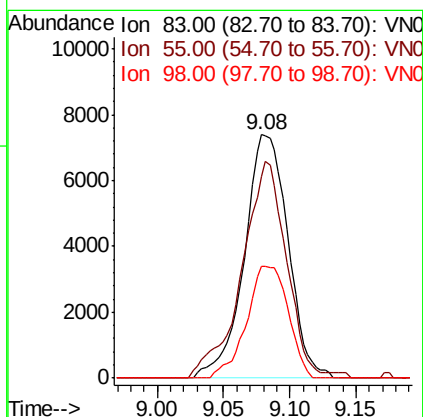
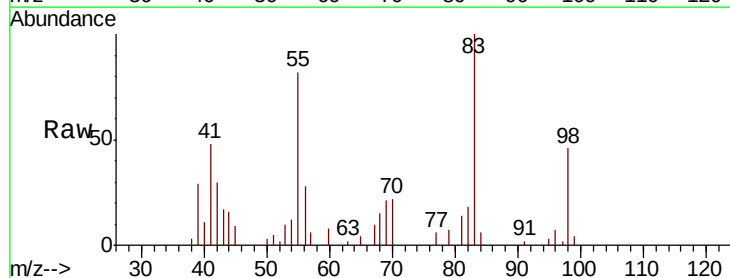
Instrument :
MSVOA_N
ClientSampleId :
MW-A01

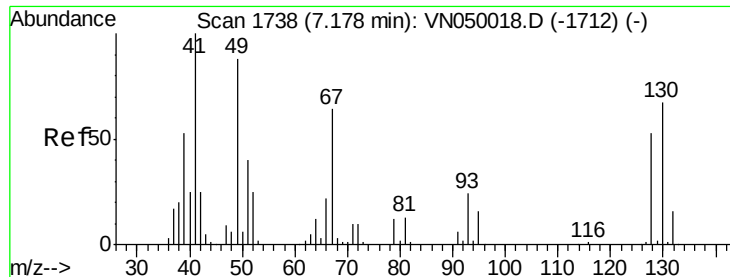
Tot Ion:117 Resp: 60200
Ion Ratio Lower Upper
117 100
119 5.7 77.4 116.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 1.36 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.01 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

Tgt Ion: 83 Resp: 16953
Ion Ratio Lower Upper
83 100
55 82.5 61.8 92.8
98 45.9 36.5 54.7

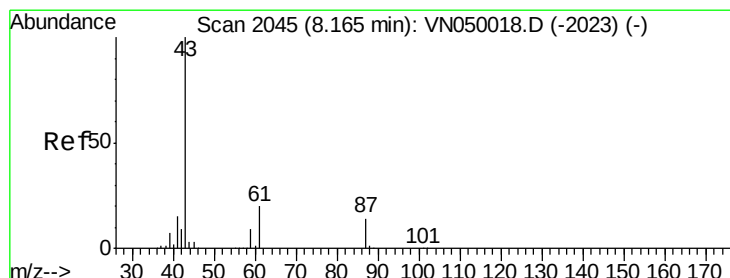
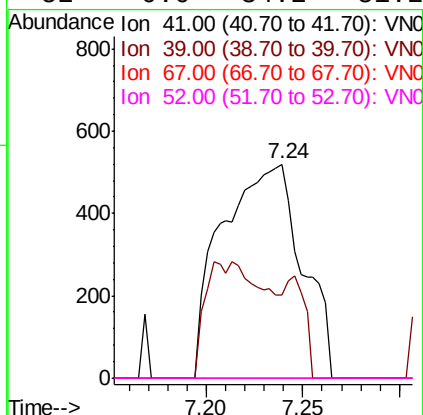
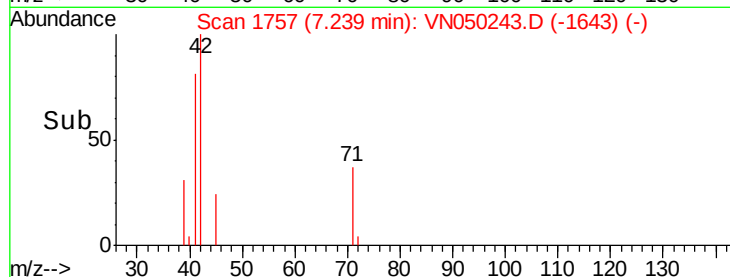
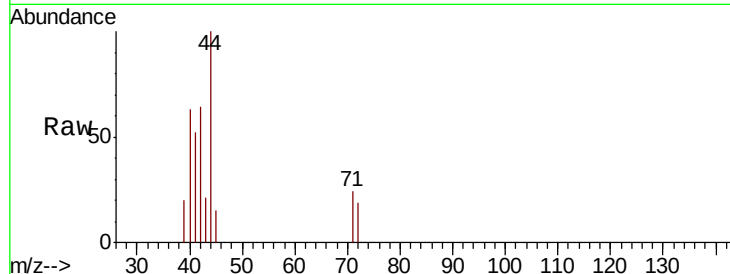




#41
Methacrylonitrile
Concen: 3.07 ug/l
RT: 7.24 min Scan# 1757
Delta R.T. 0.07 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

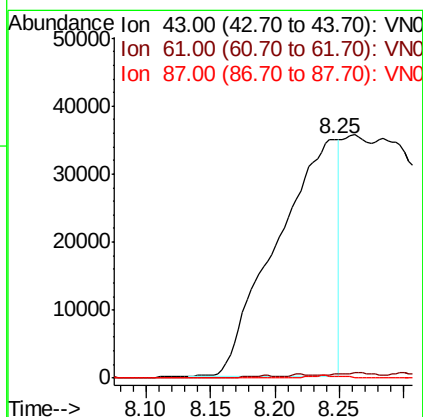
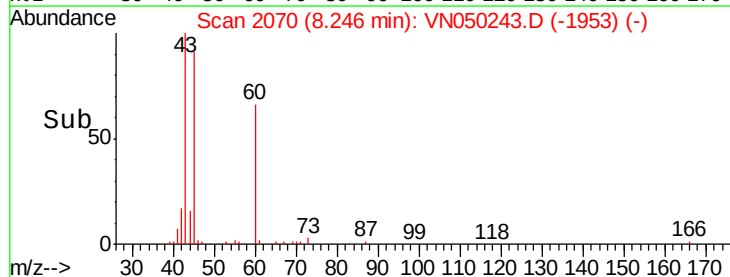
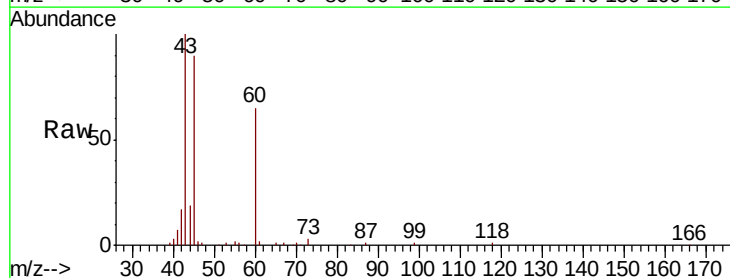
Instrument :
MSVOA_N
ClientSampleId :
MW-A01

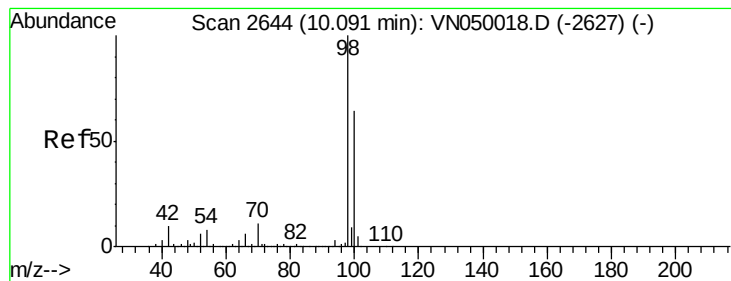
Tot Ion: 41 Resp: 1494
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 6.15 ug/l
RT: 8.25 min Scan# 2070
Delta R.T. 0.08 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

Tgt Ion: 43 Resp: 113842
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.5 10.3 15.5#





#50

Toluene-d8

Concen: 45.51 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

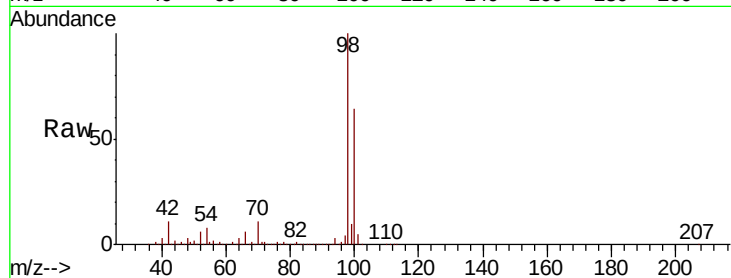
MW-A01

Tot Ion: 98 Resp: 1469351

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050018.D (-2627) (-)

10.09

800000

600000

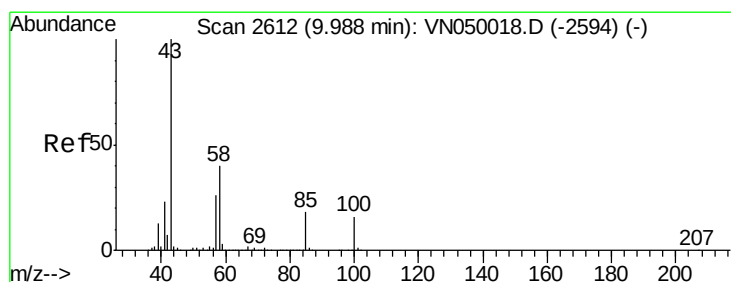
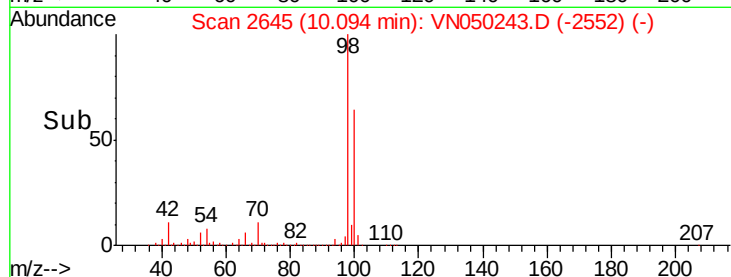
400000

200000

0

10.00 10.10 10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.87 ug/l

RT: 9.93 min Scan# 2594

Delta R.T. -0.06 min

Lab File: VN050243.D

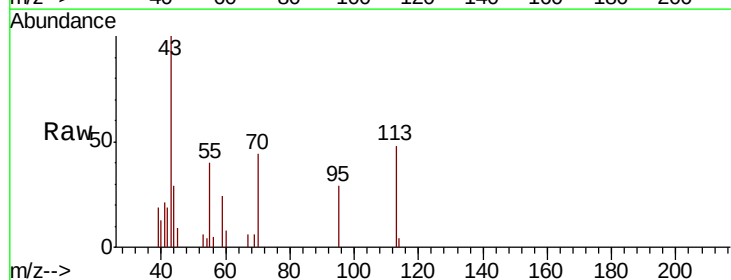
Acq: 1 Aug 2018 12:40

Tgt Ion: 43 Resp: 7227

Ion Ratio Lower Upper

43 100

58 0.0 31.9 47.9#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2594) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-2594) (-)

9.93

4000

3000

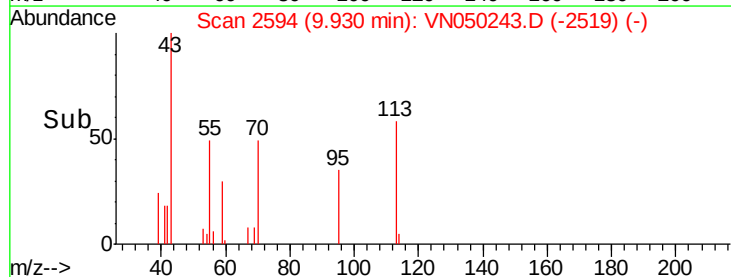
2000

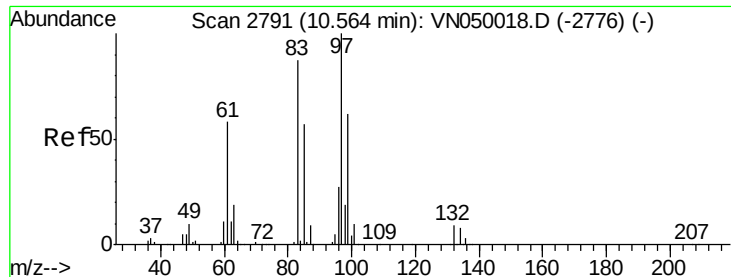
1000

0

9.85 9.90 9.95

Time-->

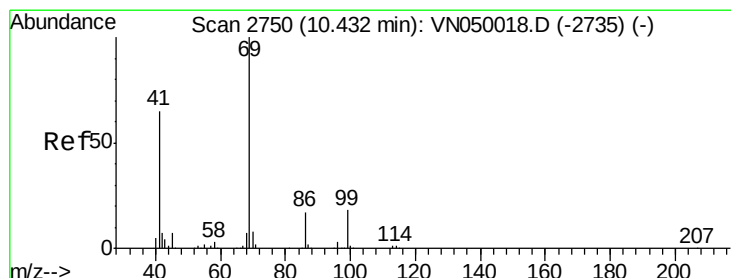
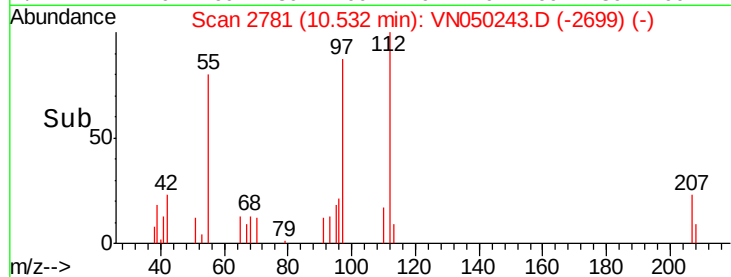
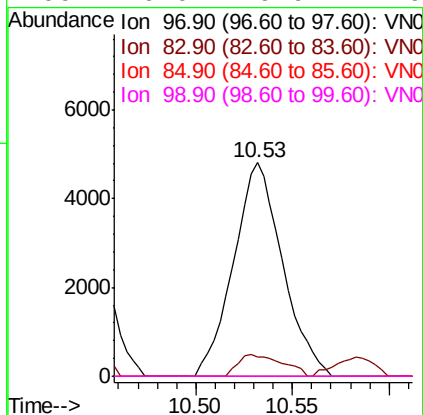
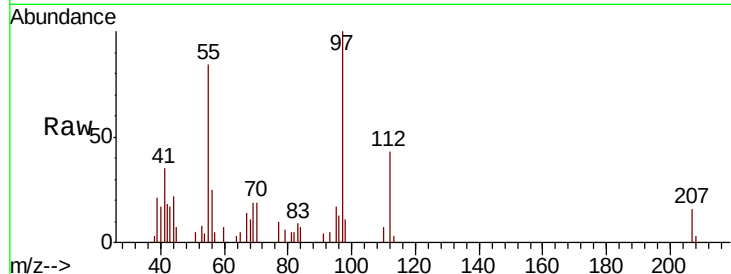




#55
 1,1,2-Trichloroethane
 Concen: 0.98 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. -0.04 min
 Lab File: VN050243.D
 Acq: 1 Aug 2018 12:40

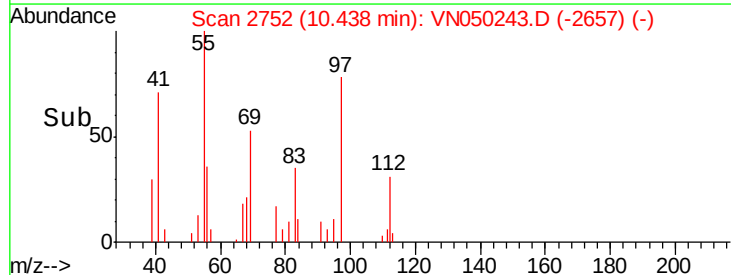
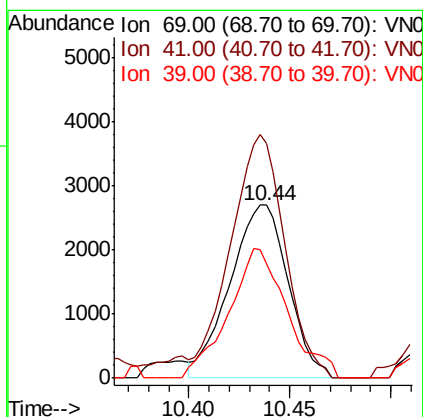
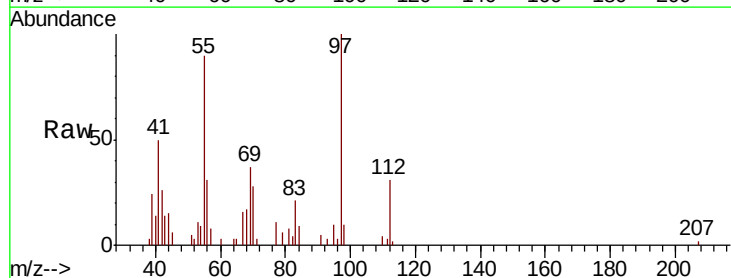
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A01

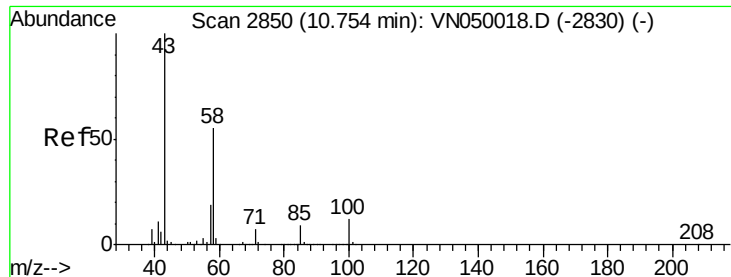
Tot Ion: 97 Resp: 8479
 Ion Ratio Lower Upper
 97 100
 83 9.2 69.2 103.8#
 85 0.0 44.0 66.0#
 99 0.0 49.9 74.9#



#56
 Ethyl methacrylate
 Concen: 2.48 ug/l
 RT: 10.44 min Scan# 2752
 Delta R.T. 0.01 min
 Lab File: VN050243.D
 Acq: 1 Aug 2018 12:40

Tgt Ion: 69 Resp: 5440
 Ion Ratio Lower Upper
 69 100
 41 136.9 51.0 76.4#
 39 74.9 26.6 40.0#

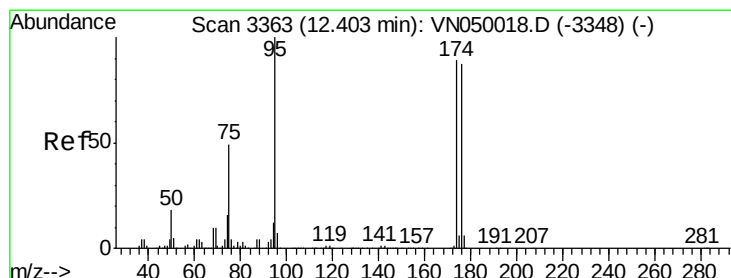
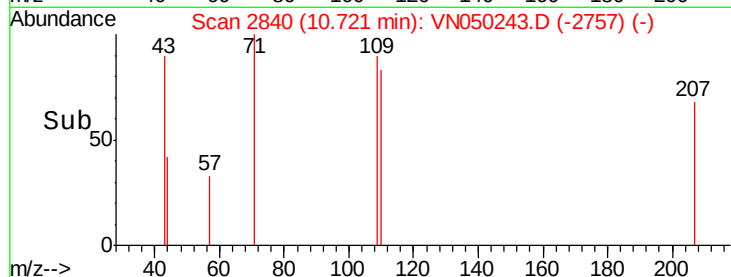
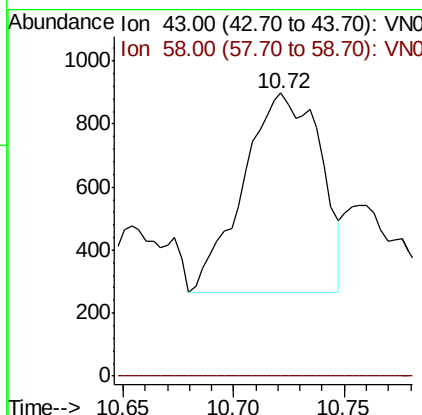
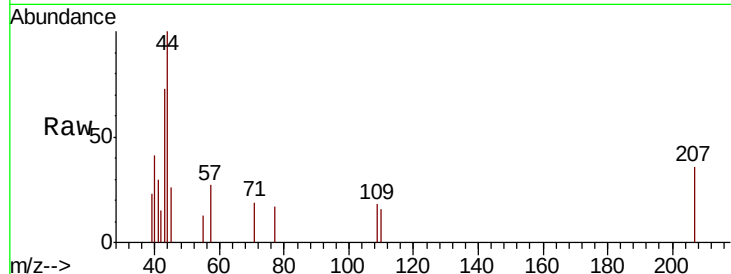




#59
2-Hexanone
Concen: 5.42 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. -0.03 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

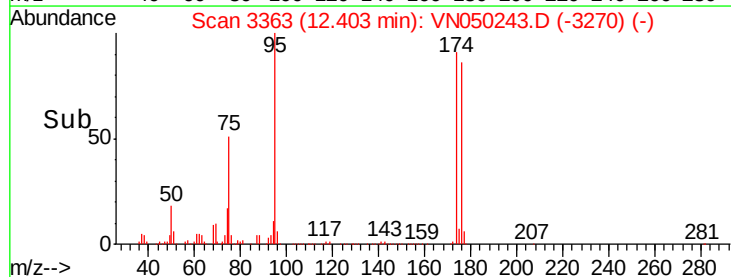
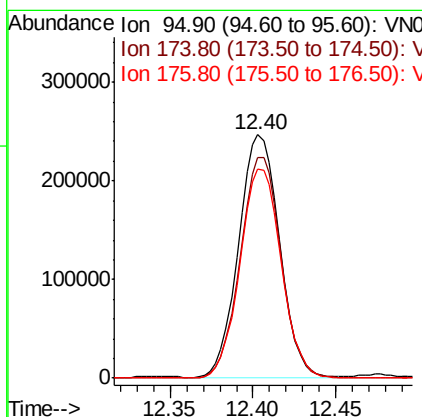
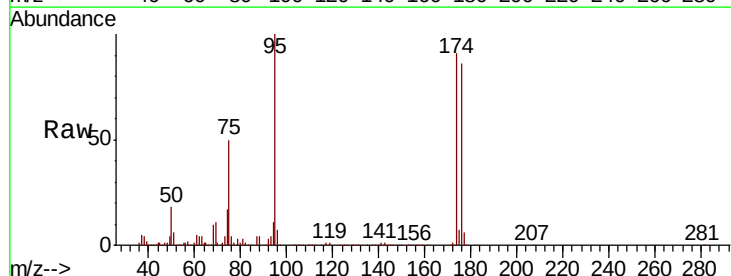
Instrument :
MSVOA_N
ClientSampled :
MW-A01

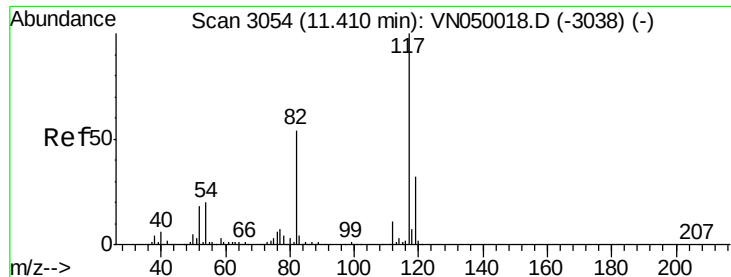
Tot Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
58 0.0 27.6 82.7#



#62
4-Bromofluorobenzene
Concen: 39.65 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

Tgt Ion: 95 Resp: 421518
Ion Ratio Lower Upper
95 100
174 91.4 0.0 178.2
176 87.2 0.0 173.4

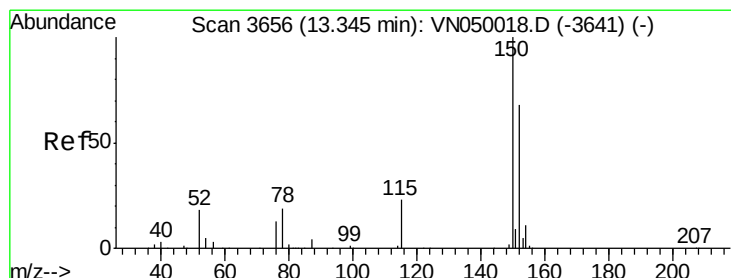
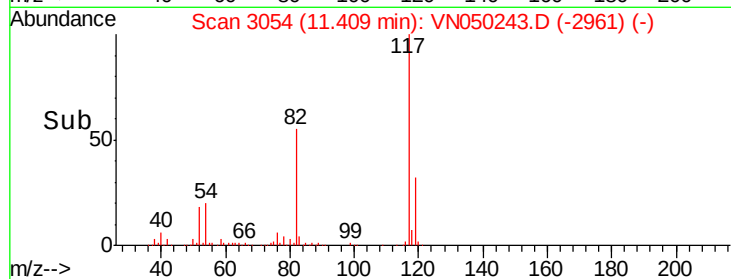
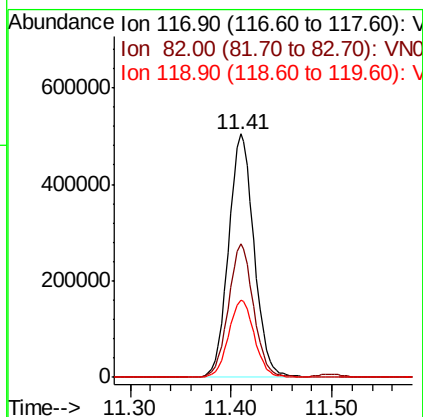
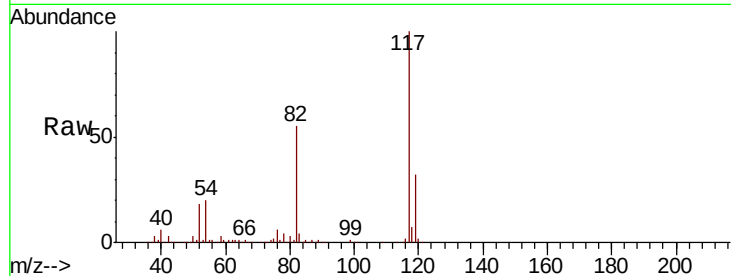




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

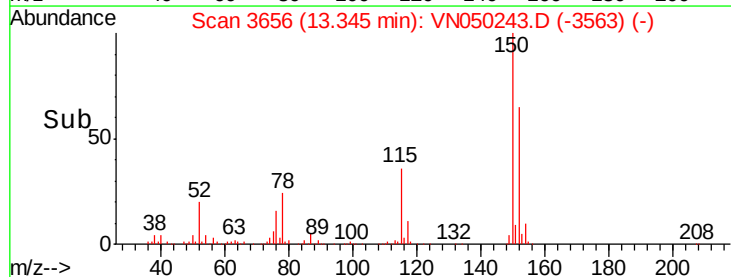
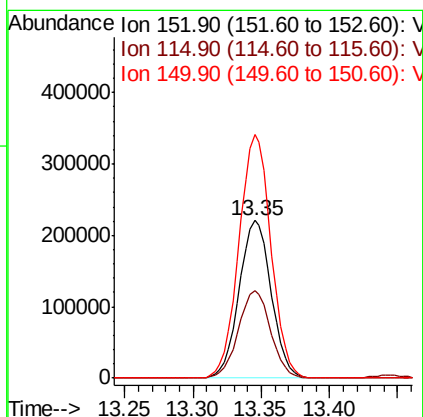
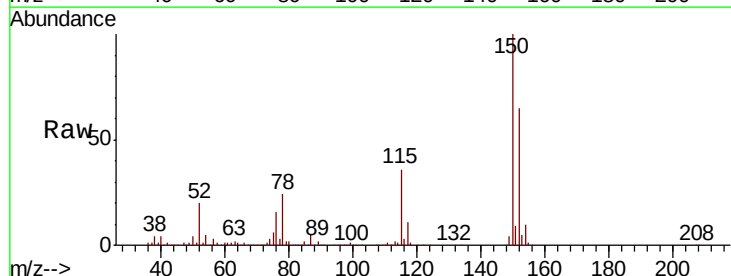
Instrument :
MSVOA_N
ClientSampleId :
MW-A01

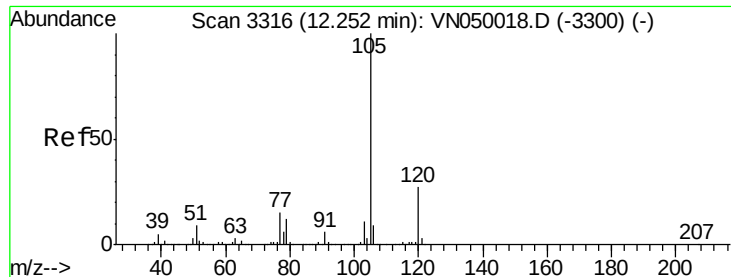
Tot Ion:117 Resp: 888007
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

Tgt Ion:152 Resp: 359614
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.3
150 154.2 0.0 348.6





#73

Isopropylbenzene

Concen: 5.10 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

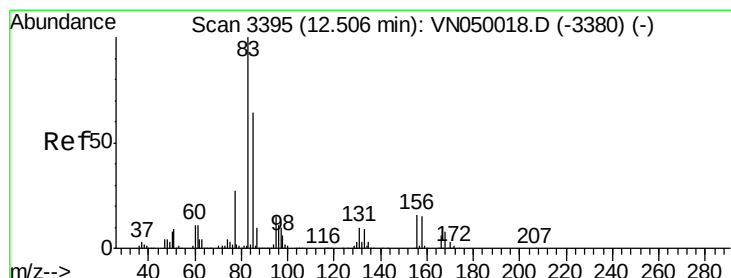
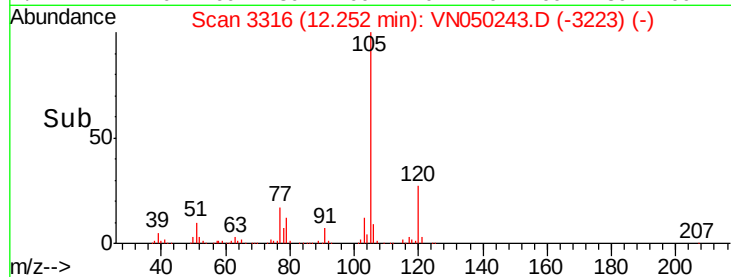
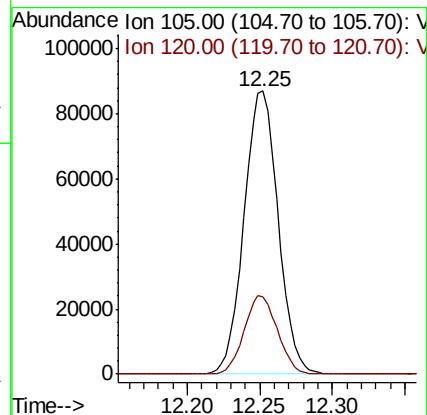
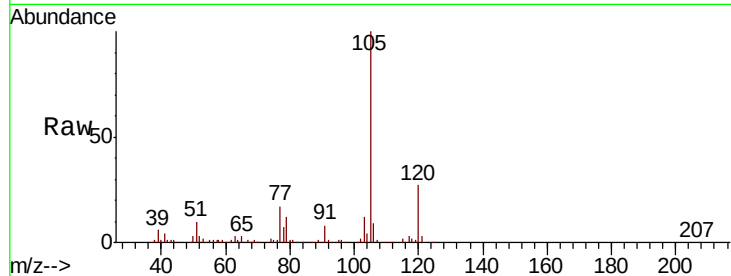
MW-A01

Tot Ion:105 Resp: 142239

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3386

Delta R.T. -0.03 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

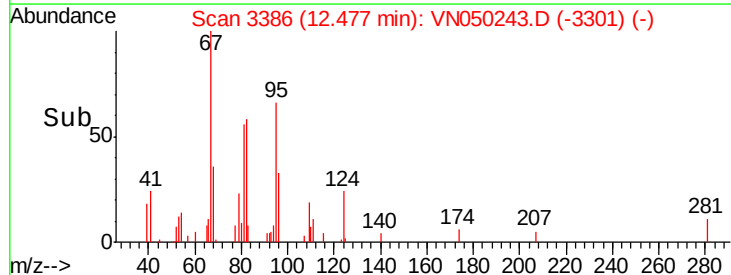
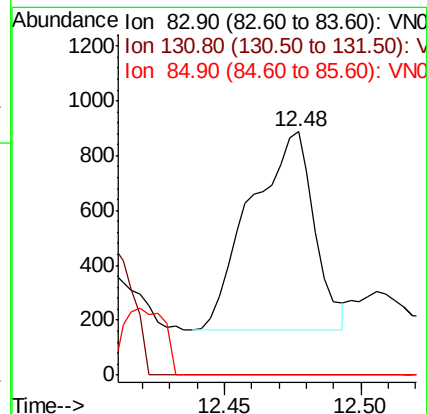
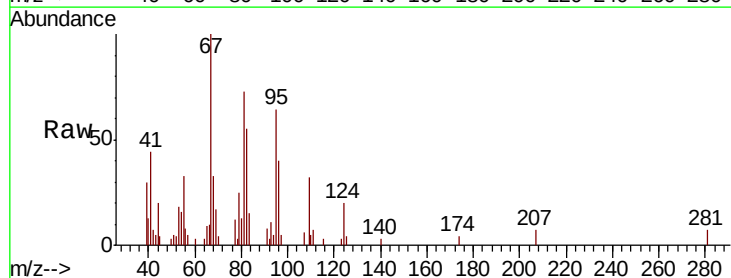
Tgt Ion: 83 Resp: 1182

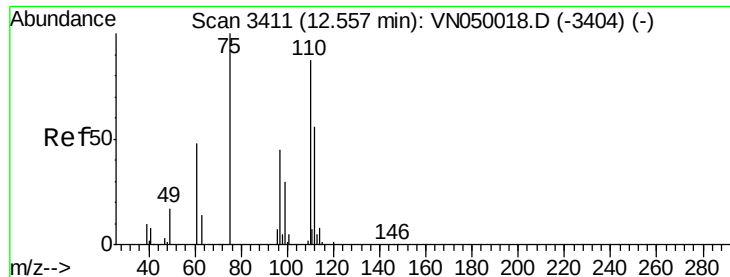
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 30.85 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

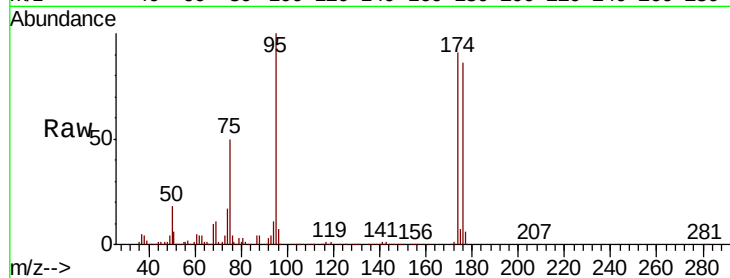
MW-A01

Tot Ion: 75 Resp: 206188

Ion Ratio Lower Upper

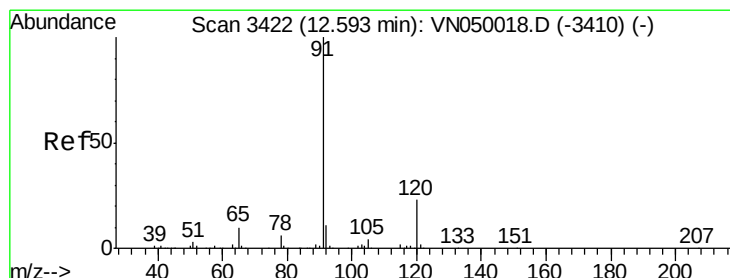
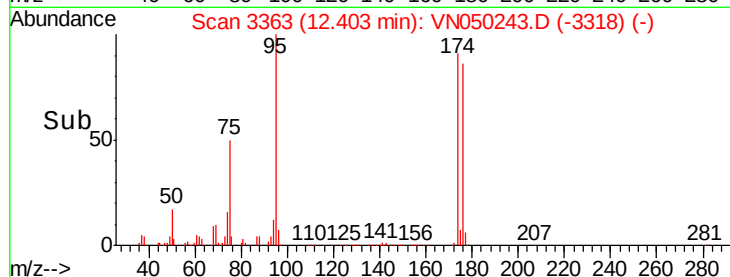
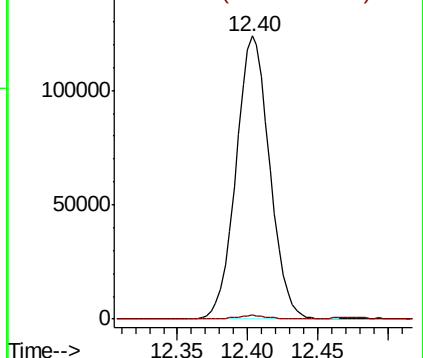
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 4.88 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050243.D

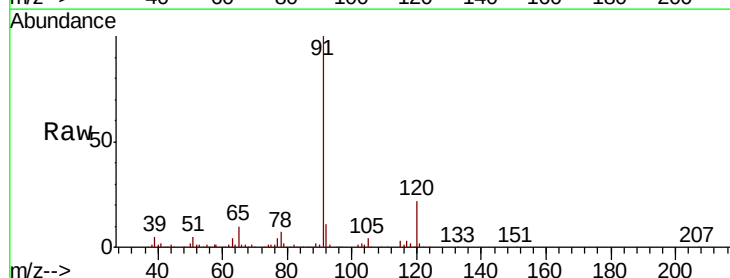
Acq: 1 Aug 2018 12:40

Tgt Ion: 91 Resp: 152077

Ion Ratio Lower Upper

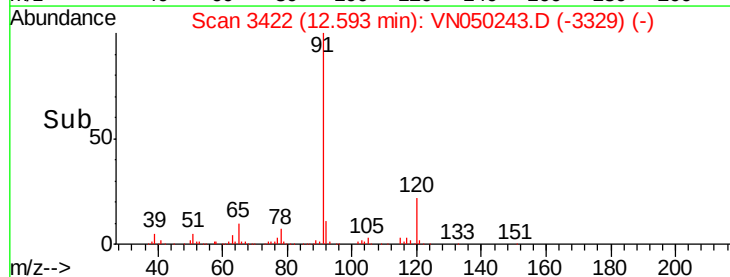
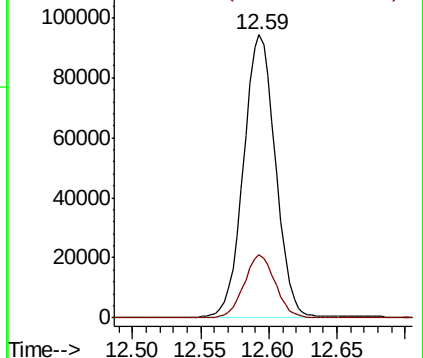
91 100

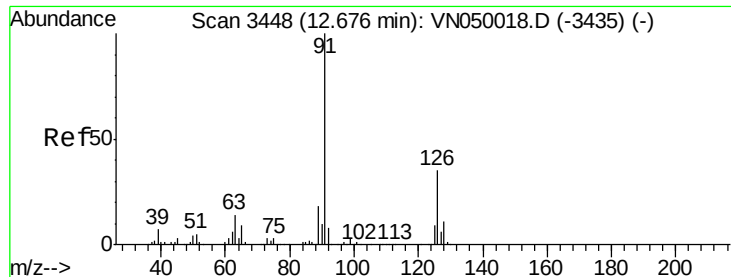
120 21.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 7.87 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.08 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

Instrument :

MSVOA_N

ClientSampled :

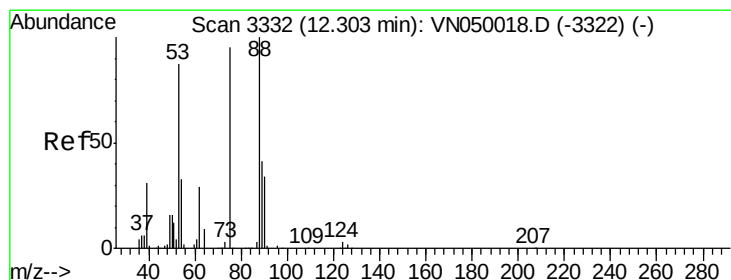
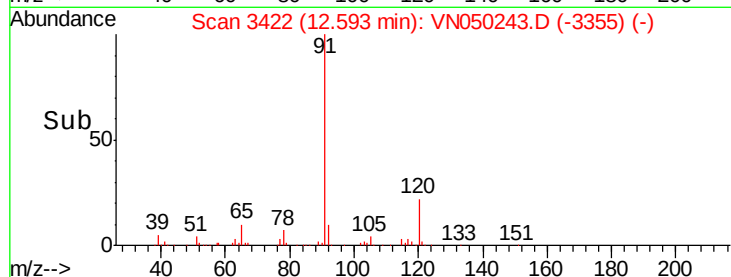
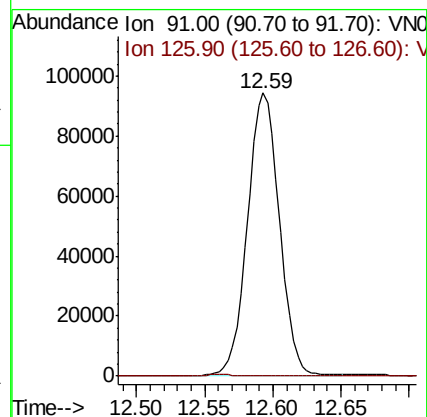
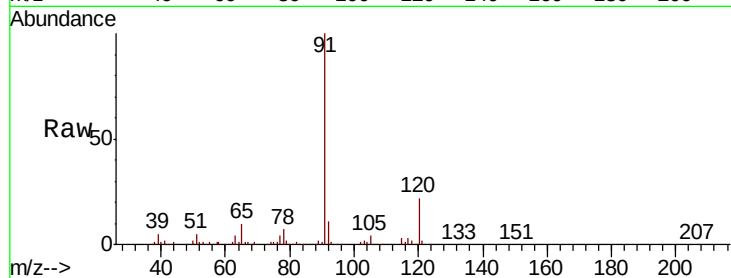
MW-A01

Tot Ion: 91 Resp: 152077

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.86 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

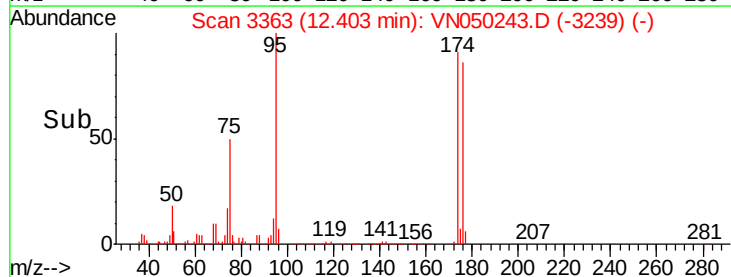
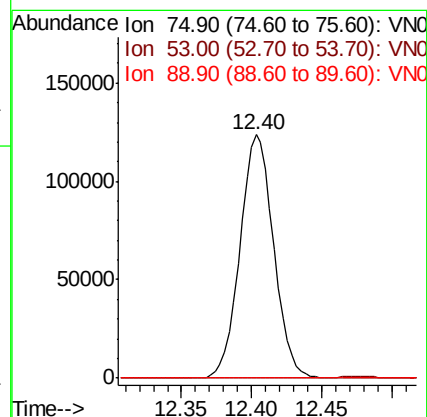
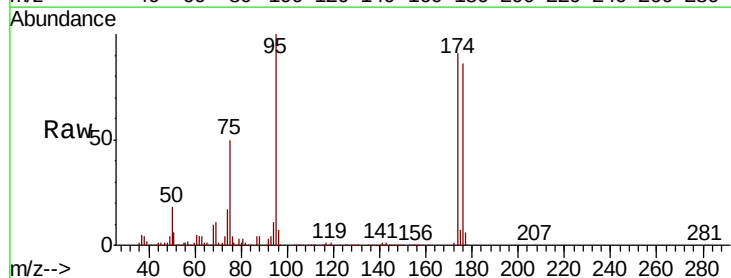
Tgt Ion: 75 Resp: 206188

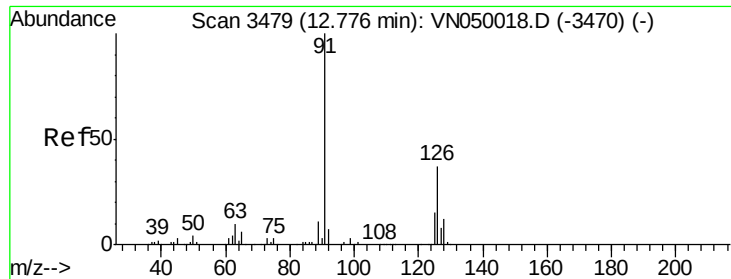
Ion Ratio Lower Upper

75 100

53 0.4 73.5 110.3#

89 0.0 36.0 54.0#

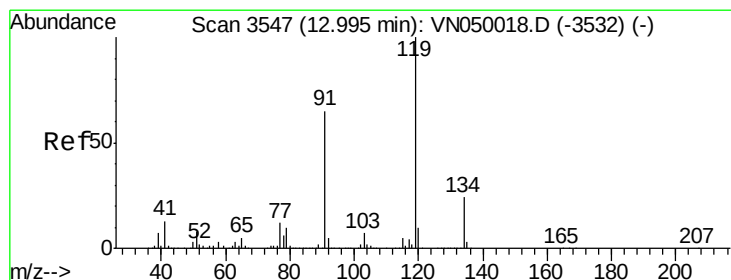
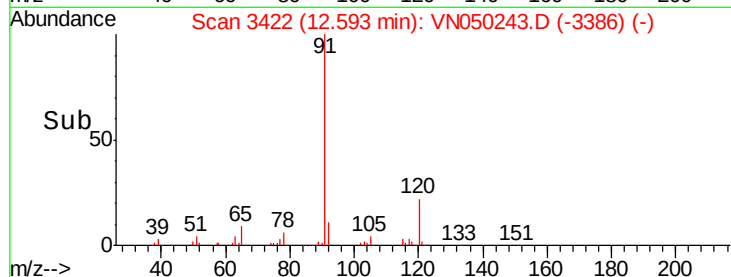
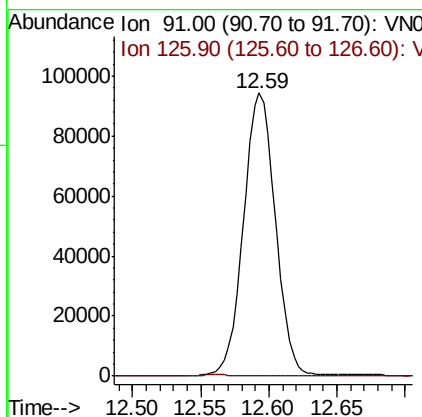
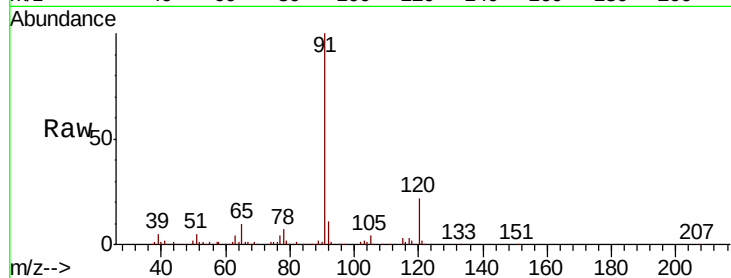




#82
4-Chlorotoluene
Concen: 7.95 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. -0.18 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

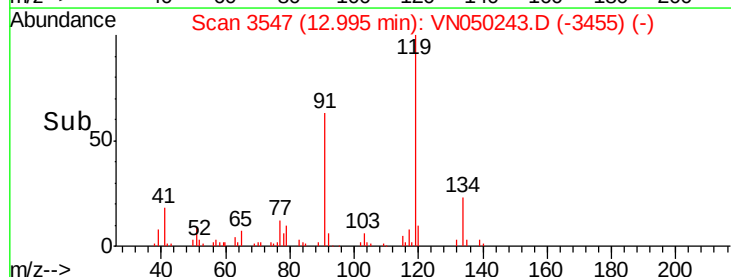
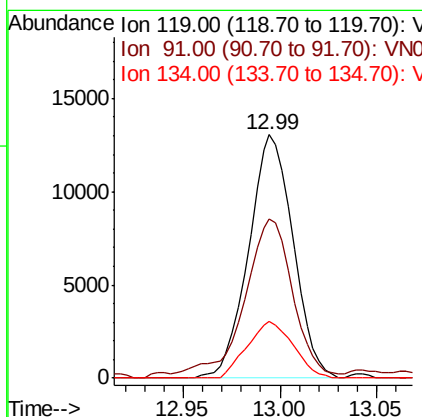
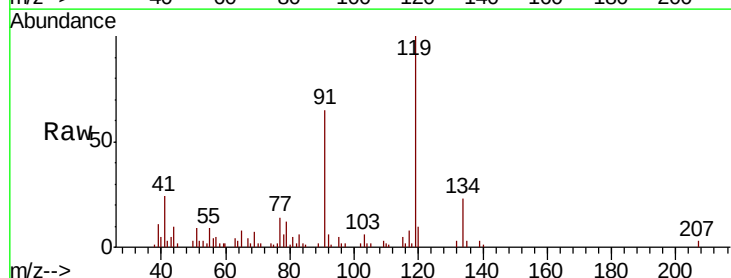
Instrument :
MSVOA_N
ClientSampled :
MW-A01

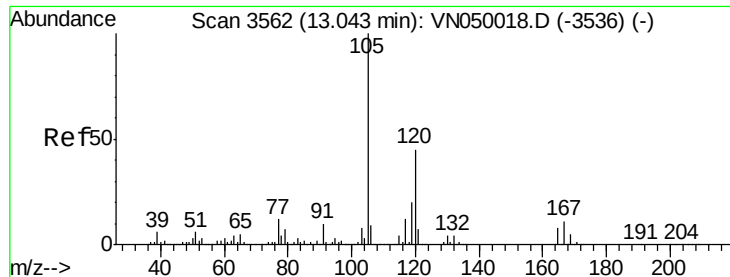
Tot Ion: 91 Resp: 152077
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 1.09 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050243.D
Acq: 1 Aug 2018 12:40

Tgt Ion: 119 Resp: 20842
Ion Ratio Lower Upper
119 100
91 72.8 32.1 96.3
134 24.0 13.2 39.5

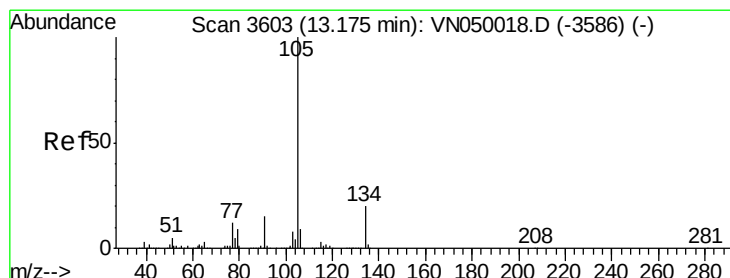
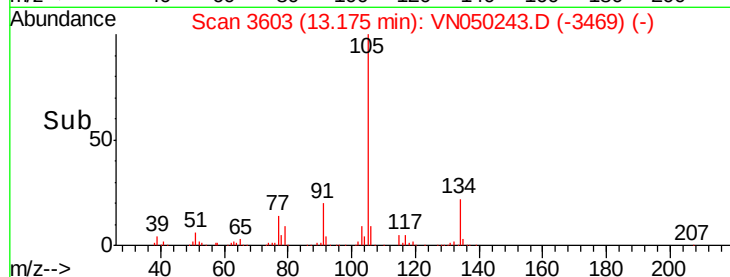
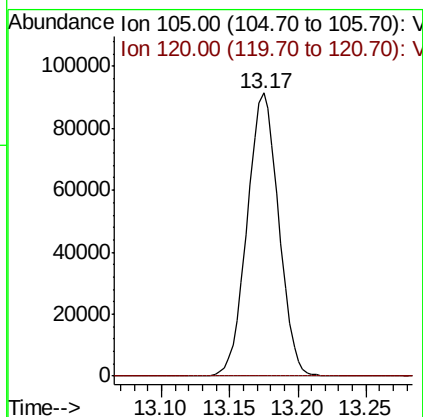
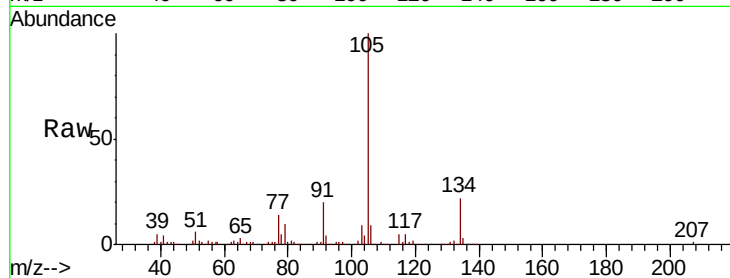




#84
 1,2,4-Trimethylbenzene
 Concen: 6.63 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.13 min
 Lab File: VN050243.D
 Acq: 1 Aug 2018 12:40

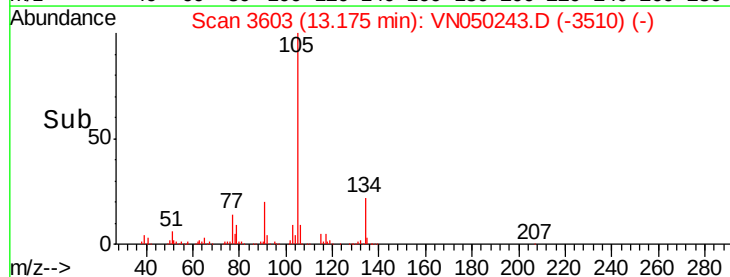
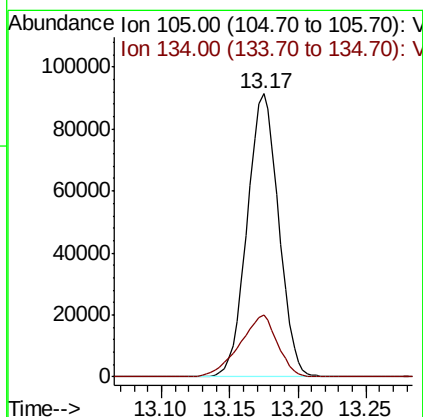
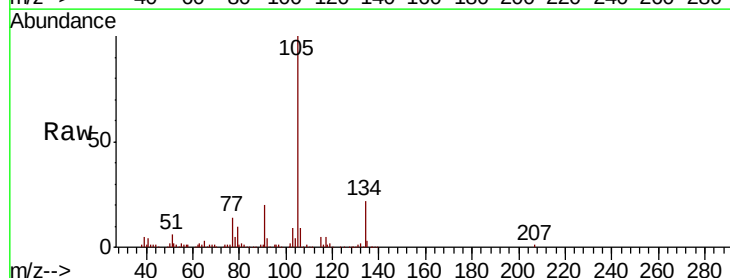
Instrument :
 MSVOA_N
 ClientSampled :
 MW-A01

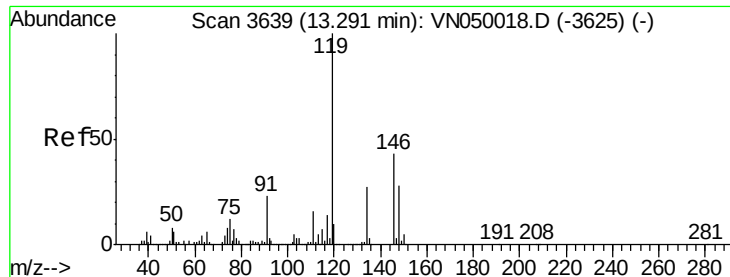
Tot Ion:105 Resp: 146575
 Ion Ratio Lower Upper
 105 100
 120 0.1 22.9 68.7#



#85
 sec-Butylbenzene
 Concen: 5.73 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050243.D
 Acq: 1 Aug 2018 12:40

Tgt Ion:105 Resp: 146575
 Ion Ratio Lower Upper
 105 100
 134 26.3 10.1 30.1





#86

p-Isopropyltoluene

Concen: 3.38 ug/l

RT: 13.44 min Scan# 3687

Delta R.T. 0.15 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

MW-A01

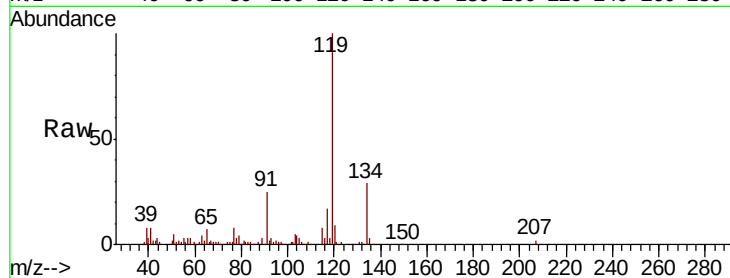
Tot Ion:119 Resp: 72900

Ion Ratio Lower Upper

119 100

134 28.3 13.3 39.8

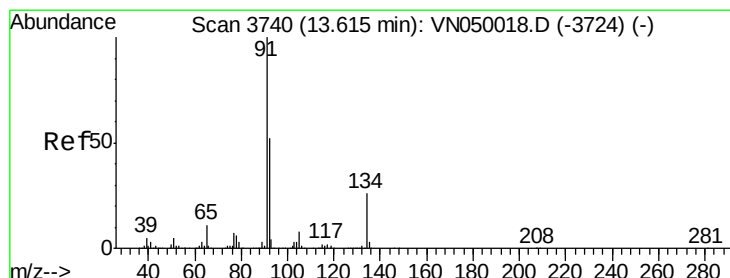
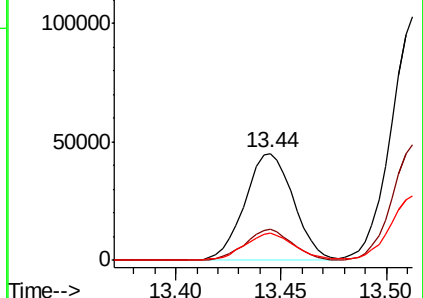
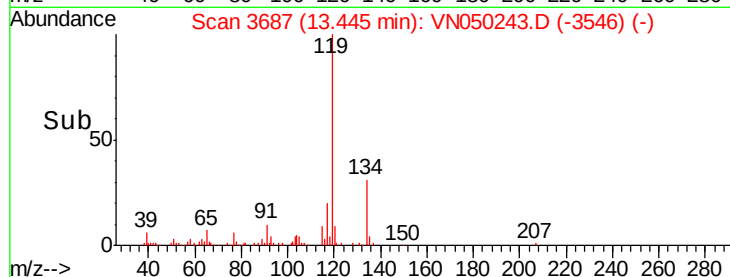
91 25.3 11.4 34.2



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: 1.60 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

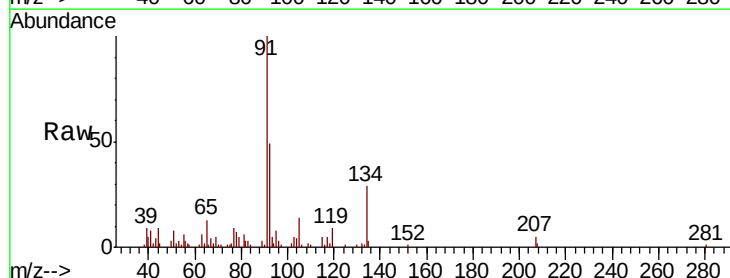
Tgt Ion: 91 Resp: 28404

Ion Ratio Lower Upper

91 100

92 44.7 25.8 77.4

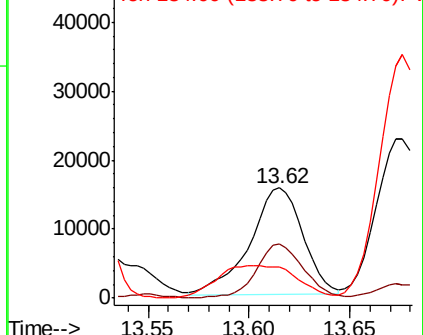
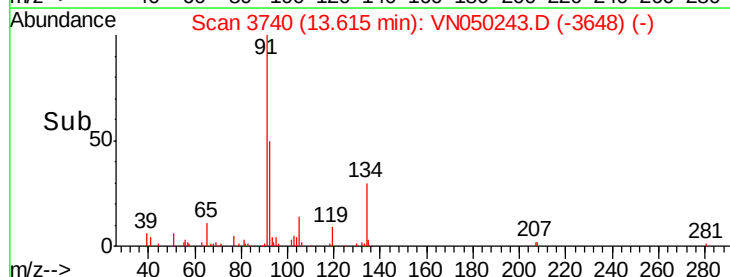
134 45.7 12.8 38.4#

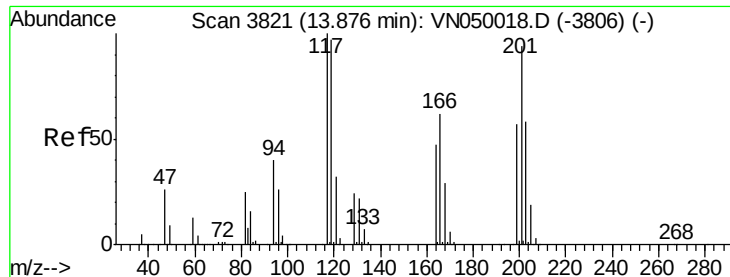


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 8.88 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

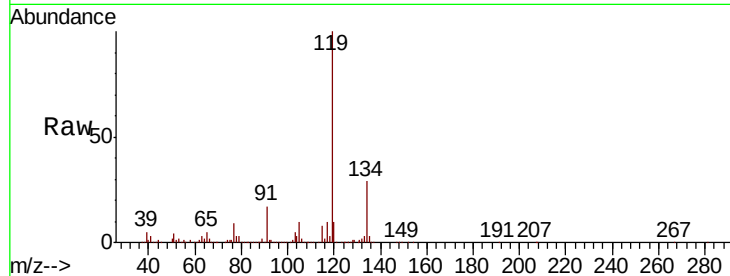
MW-A01

Tot Ion:117 Resp: 42505

Ion Ratio Lower Upper

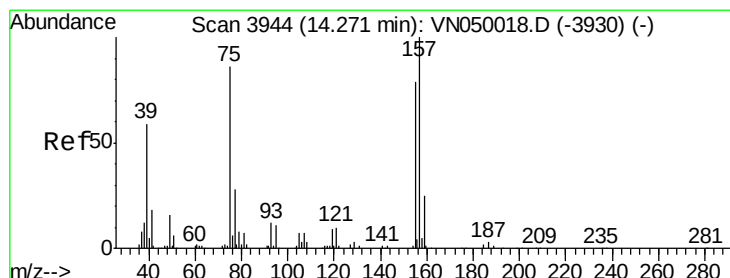
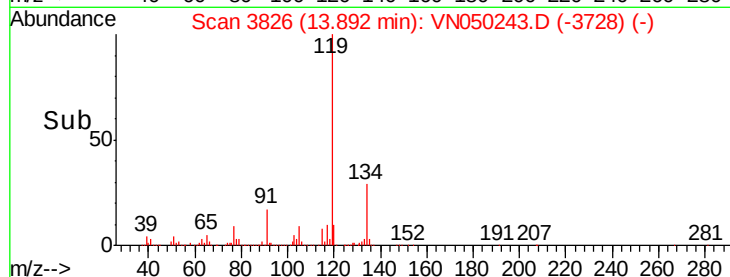
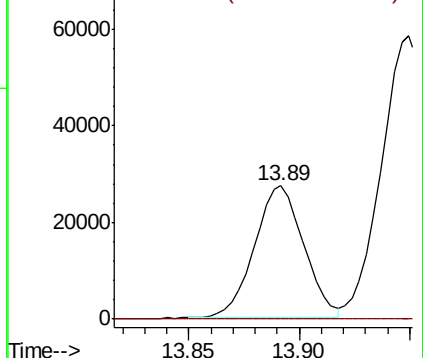
117 100

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: 14.29 min Scan# 3951

Delta R.T. 0.02 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

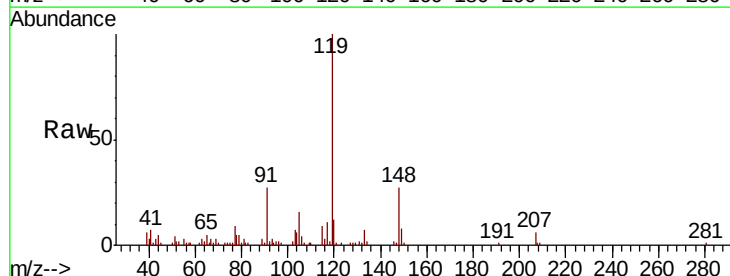
Tgt Ion: 75 Resp: 446

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

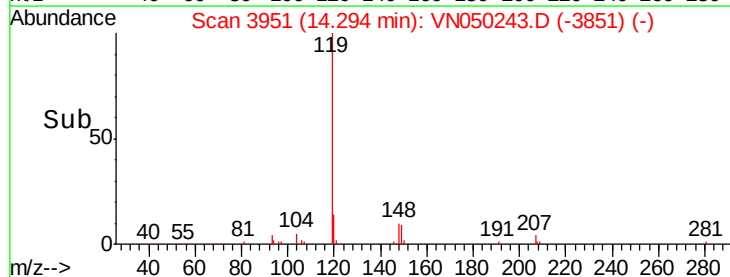
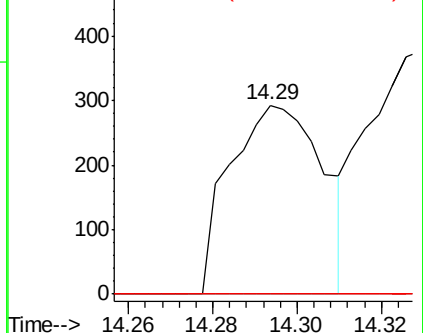
157 0.0 57.2 171.6#

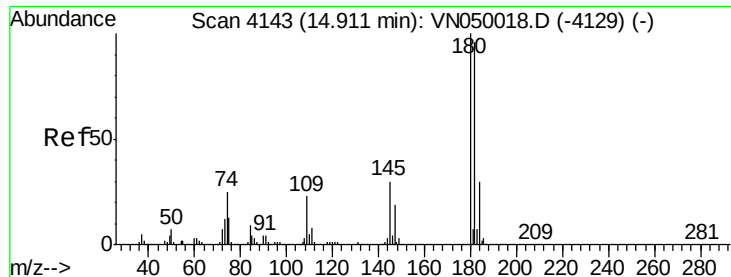


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 3.14 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.01 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

Instrument :

MSVOA_N

ClientSampled :

MW-A01

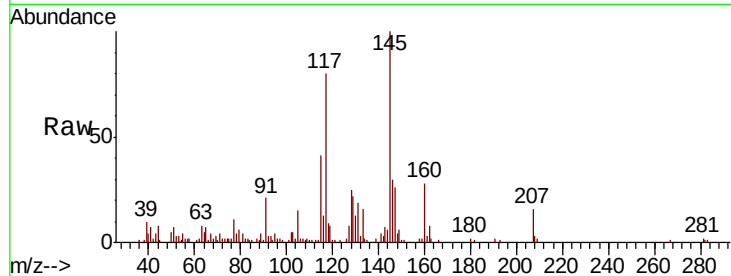
Tot Ion:180 Resp: 365

Ion Ratio Lower Upper

180 100

182 44.4 46.7 140.1#

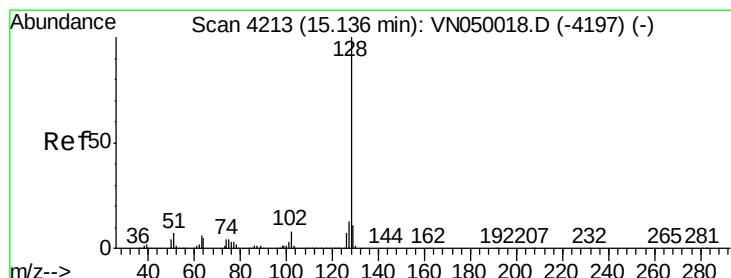
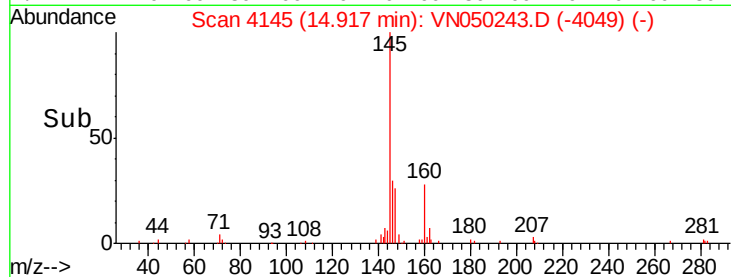
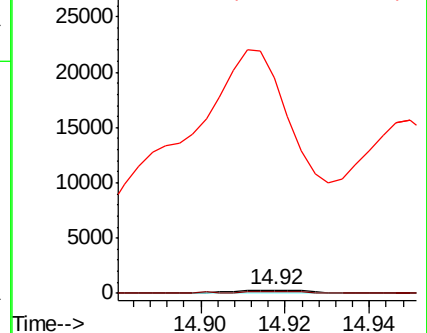
145 12526.3 13.8 41.4#



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: 4.48 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050243.D

Acq: 1 Aug 2018 12:40

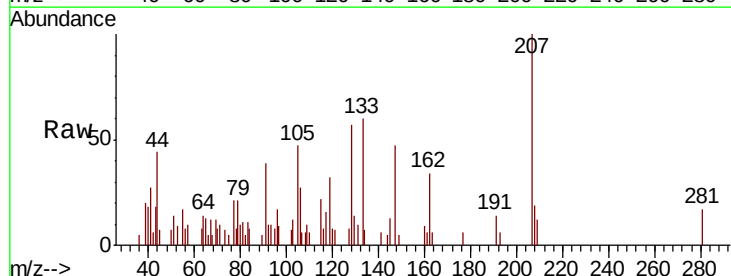
Tgt Ion:128 Resp: 1145

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

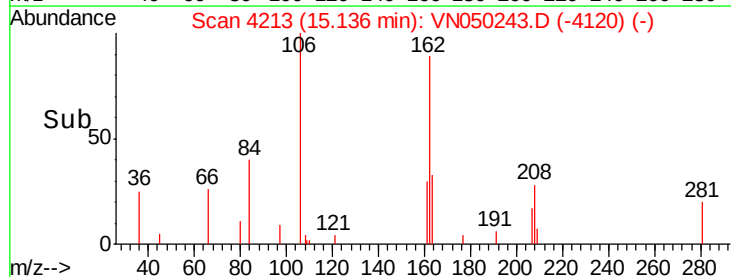
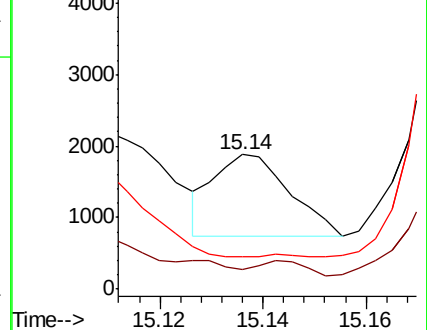
129 0.0 8.8 13.2#

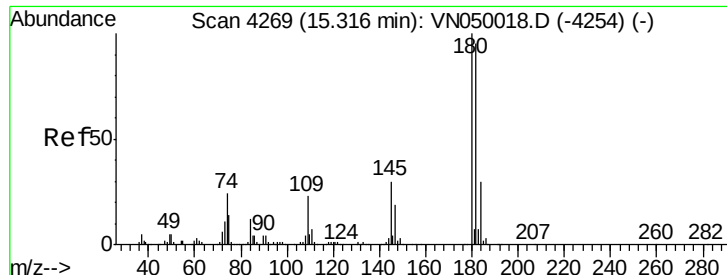


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

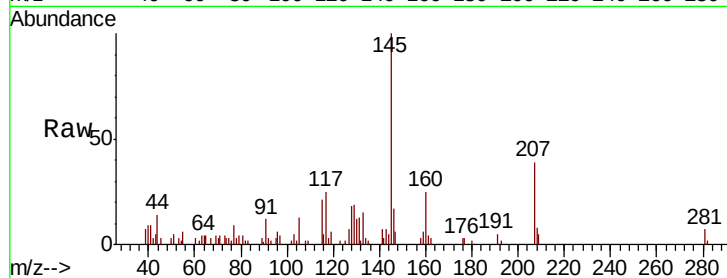




#96
 1,2,3-Trichlorobenzene
 Concen: 2.22 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN050243.D
 Acq: 1 Aug 2018 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A01

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.4#
145	0.0	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

