

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050192.D
 Acq On : 30 Jul 2018 17:13
 Operator : MD\SY
 Sample : J4221-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22

Quant Time: Jul 31 01:13:09 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	641728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	882853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	376518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	452776	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.59	113	403392	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	10.09	98	1429510	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
62) 4-Bromofluorobenzene	12.40	95	431958	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	

Target Compounds

						Qvalue
5) Bromomethane	2.56	94	430	Below Cal		82
11) Tert butyl alcohol	4.81	59	464	0.70 ug/l	#	72
16) Acetone	3.83	43	7865	Below Cal		95
18) Methyl Acetate	4.34	43	12220	Below Cal	#	80
19) Methyl tert-butyl Ether	5.05	73	47980	2.43 ug/l		95
20) Methylene Chloride	4.55	84	742	Below Cal	#	74
29) Tetrahydrofuran	7.23	42	2073	0.94 ug/l	#	72
31) Cyclohexane	7.66	56	17486	1.35 ug/l	#	12
36) 1,1-Dichloropropene	7.67	75	45300	3.82 ug/l	#	49
38) Carbon Tetrachloride	7.67	117	58041	4.62 ug/l	#	16
39) Methylcyclohexane	9.08	83	12570	1.03 ug/l		94
41) Methacrylonitrile	7.22	41	606	2.88 ug/l	#	24
43) Isopropyl Acetate	8.25	43	170156	10.02 ug/l	#	62
55) 1,1,2-Trichloroethane	10.54	97	5134	0.61 ug/l	#	19
56) Ethyl methacrylate	10.43	69	3654	2.34 ug/l	#	1
59) 2-Hexanone	10.61	43	357	5.23 ug/l		98
68) m/p-Xylenes	11.63	106	9333	0.69 ug/l		99
69) o-Xylene	11.95	106	6013	0.47 ug/l		69
70) Styrene	11.97	104	693	0.95 ug/l	#	25
73) Isopropylbenzene	12.25	105	128206	4.39 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.47	83	743	Below Cal	#	73
76) 1,2,3-Trichloropropane	12.40	75	212190	30.32 ug/l	#	100
78) n-propylbenzene	12.59	91	180362	5.53 ug/l		99
79) 2-Chlorotoluene	12.59	91	180362	8.92 ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.69	105	17207	0.75 ug/l		77
81) trans-1,4-Dichloro-2-buten	12.40	75	212190	96.18 ug/l	#	13
82) 4-Chlorotoluene	12.59	91	180362	9.00 ug/l	#	41
83) tert-Butylbenzene	12.99	119	7213	0.36 ug/l		90
84) 1,2,4-Trimethylbenzene	13.04	105	17145	0.74 ug/l		92
85) sec-Butylbenzene	13.17	105	68559	2.56 ug/l		83
86) p-Isopropyltoluene	13.44	119	21590	0.96 ug/l		93
89) n-Butylbenzene	13.62	91	22804	1.23 ug/l	#	73
90) Hexachloroethane	13.89	117	19988	3.99 ug/l	#	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	231	Below Cal	#	1

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

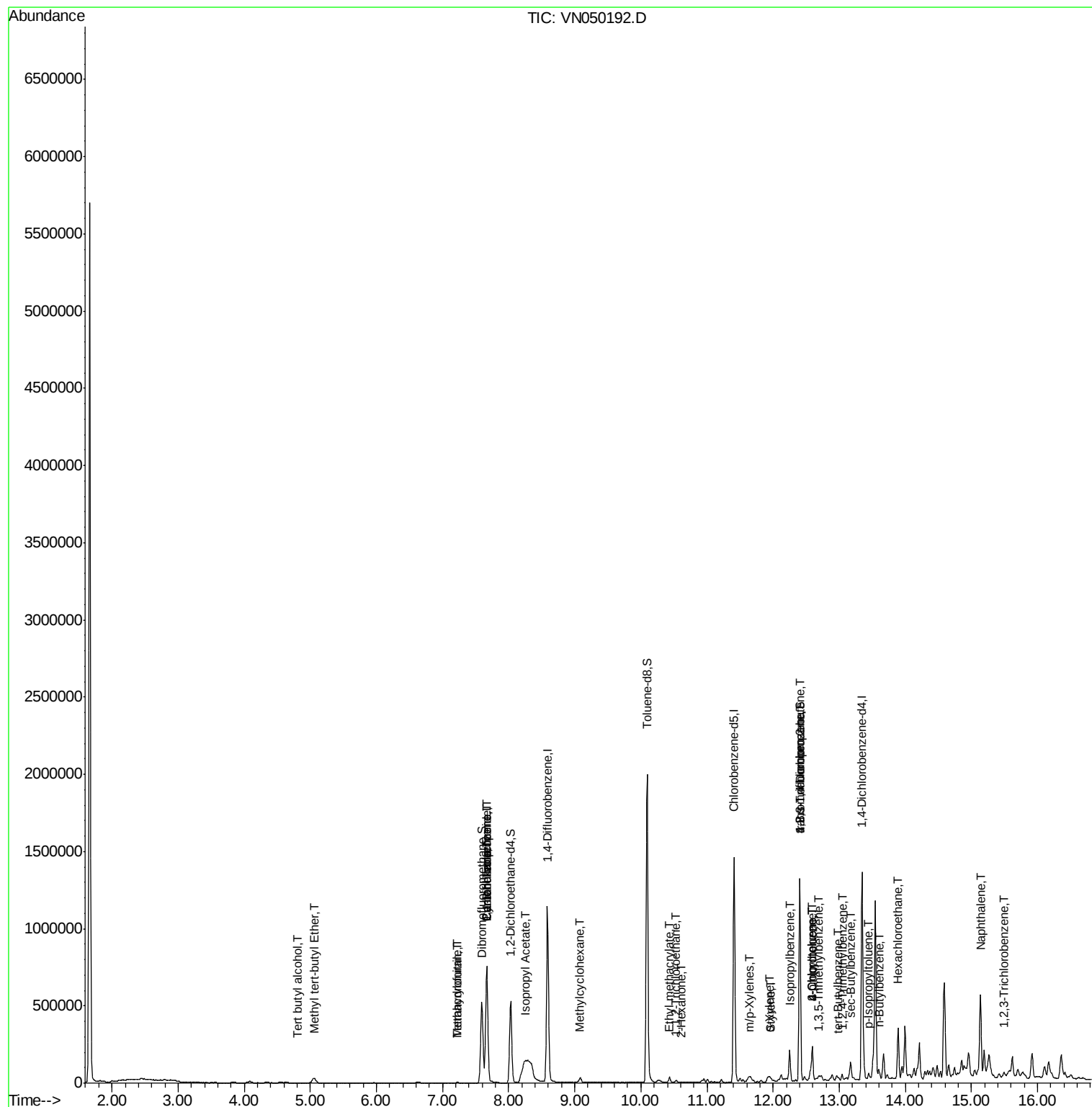
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	465996	29.12	ug/l	100
96) 1,2,3-Trichlorobenzene	15.49	180	62	2.21	ug/l #	1

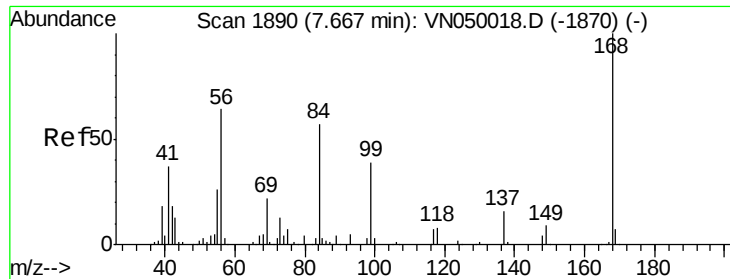
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampled :

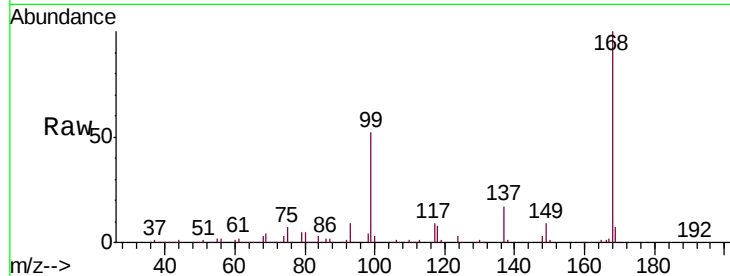
MW-22

Tot Ion:168 Resp: 641728

Ion Ratio Lower Upper

168 100

99 52.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050192.D (-1798) (-)

Ion 98.90 (98.60 to 99.60): VN050192.D (-1798) (-)

7.67

250000

200000

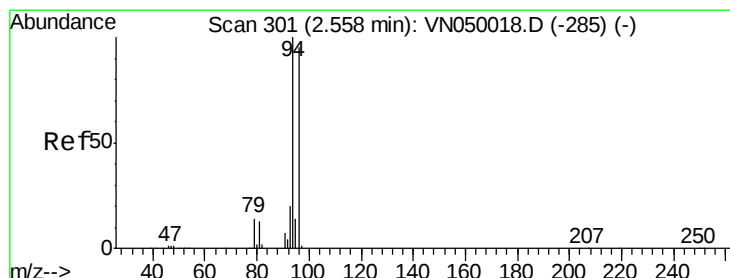
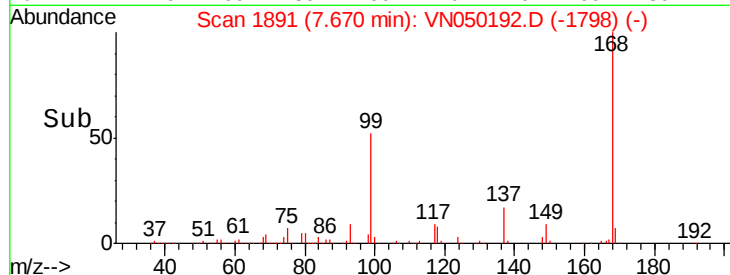
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050192.D

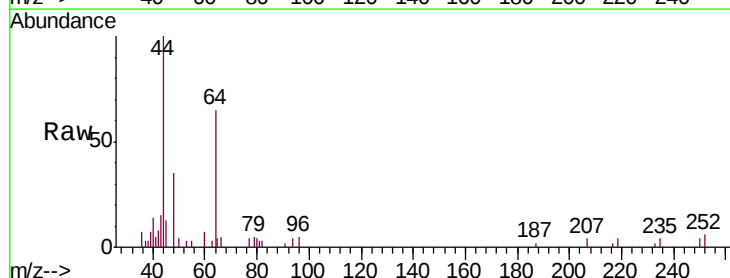
Acq: 30 Jul 2018 17:13

Tgt Ion: 94 Resp: 430

Ion Ratio Lower Upper

94 100

96 110.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050192.D (-206) (-)

Ion 95.90 (95.60 to 96.60): VN050192.D (-206) (-)

2.56

400

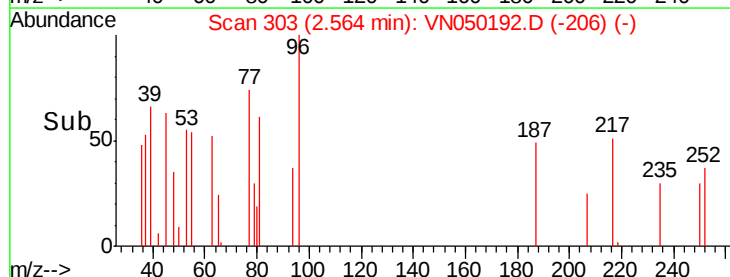
300

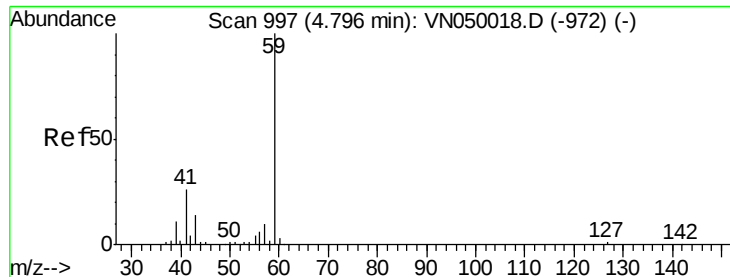
200

100

0

Time-->

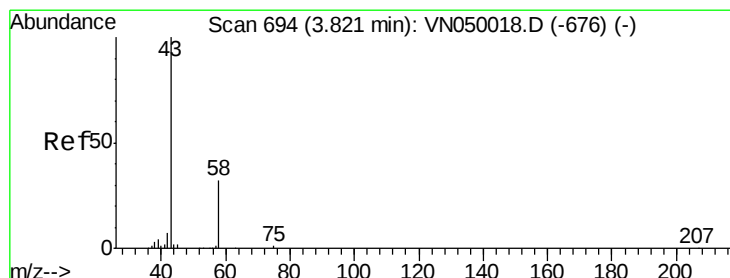
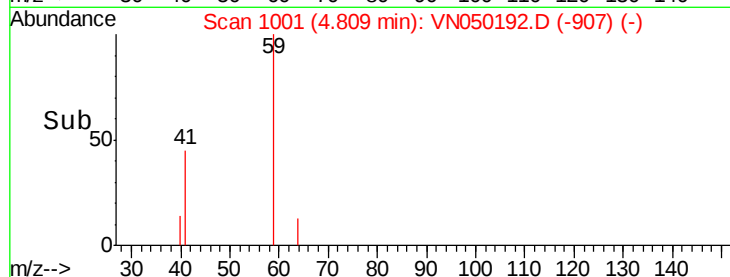
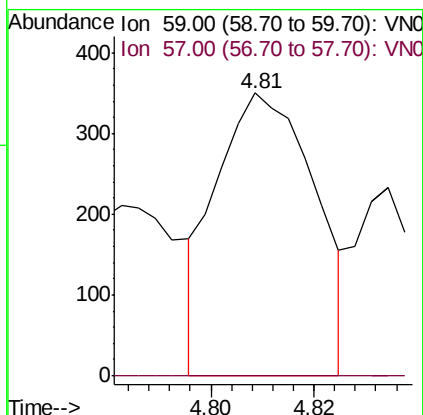
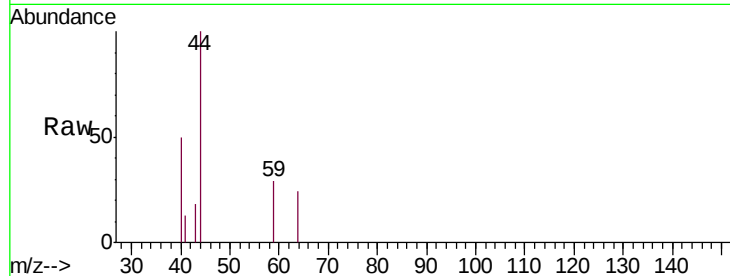




#11
Tert butyl alcohol
Concen: 0.70 ug/l
RT: 4.81 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

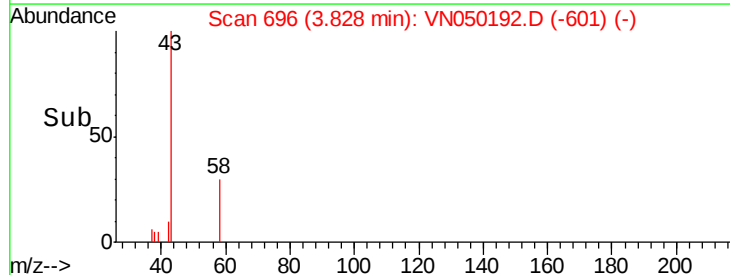
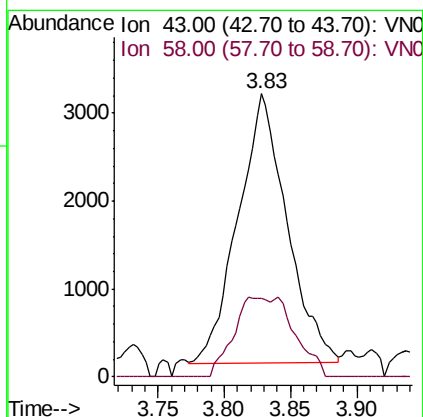
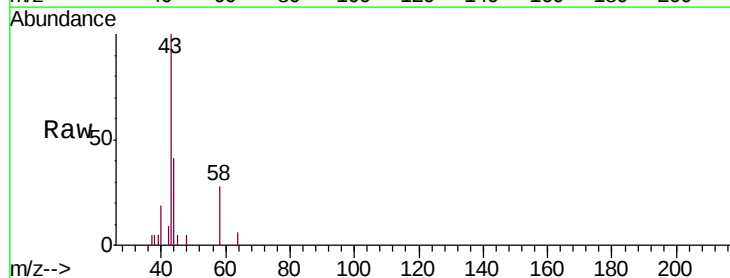
Instrument :
MSVOA_N
ClientSampled :
MW-22

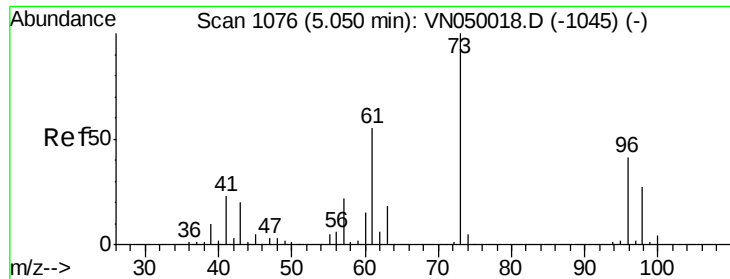
Tot Ion: 59 Resp: 464
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

Tgt Ion: 43 Resp: 7865
Ion Ratio Lower Upper
43 100
58 29.3 25.8 38.8

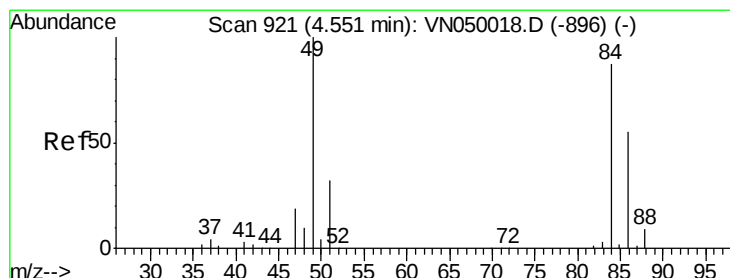
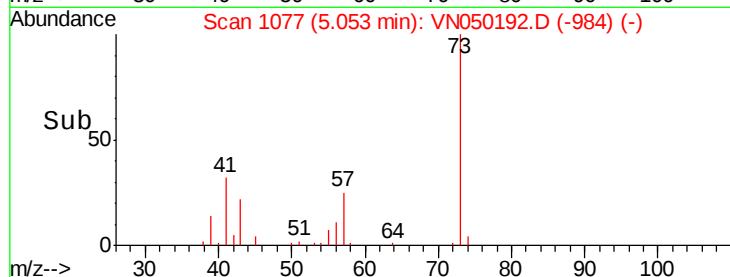
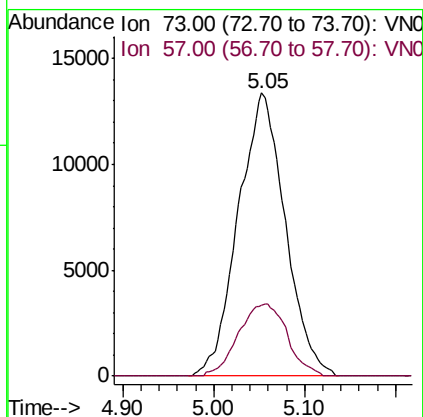
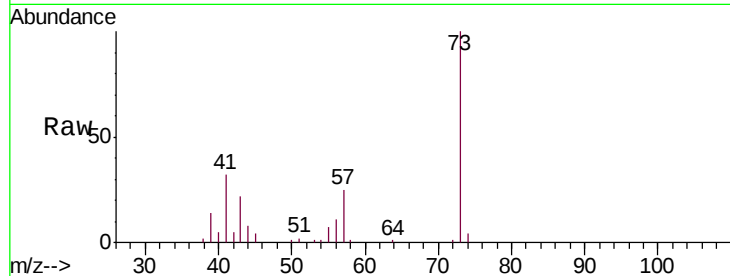




#19
Methyl tert-butyl Ether
Concen: 2.43 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

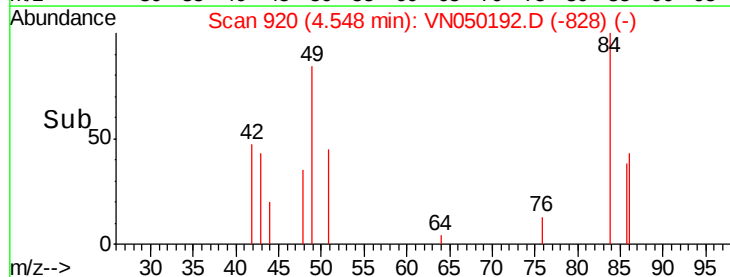
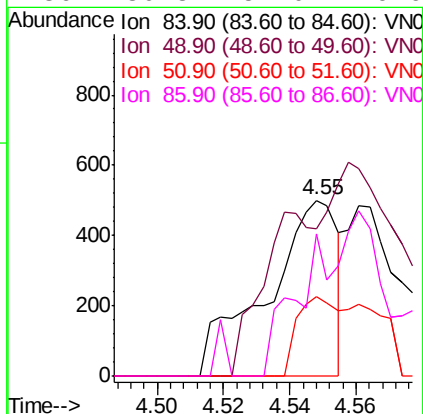
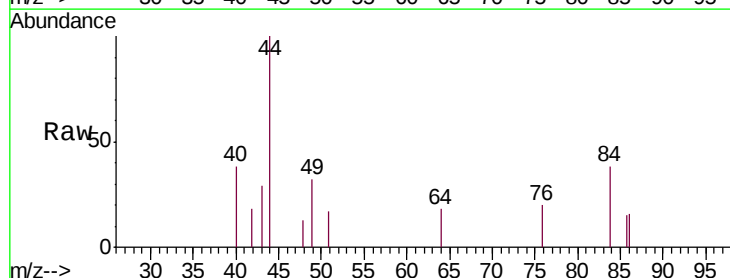
Instrument :
MSVOA_N
ClientSampled :
MW-22

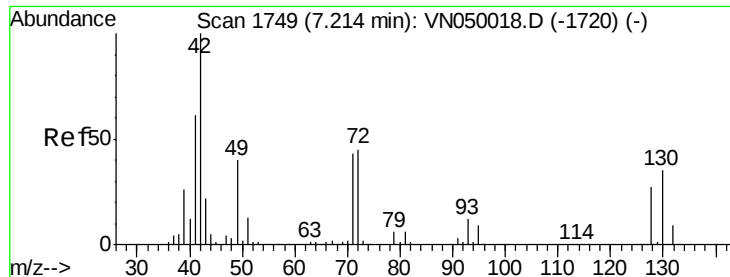
Tot Ion: 73 Resp: 47980
Ion Ratio Lower Upper
73 100
57 24.9 18.0 27.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

Tgt Ion: 84 Resp: 742
Ion Ratio Lower Upper
84 100
49 83.6 94.8 142.2#
51 45.4 28.3 42.5#
86 80.8 51.0 76.6#





#29

Tetrahydrofuran

Concen: 0.94 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

MW-22

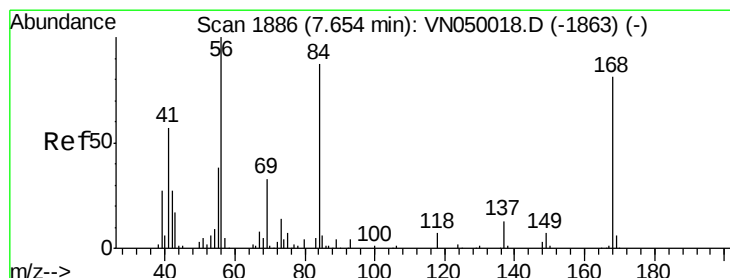
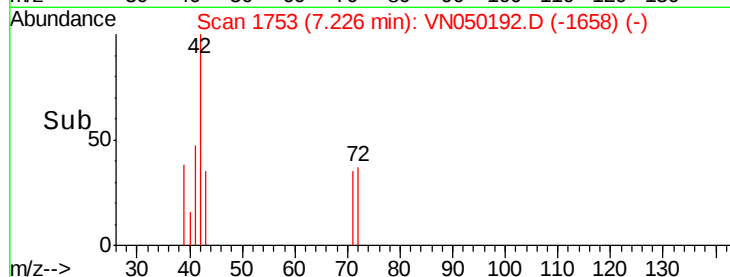
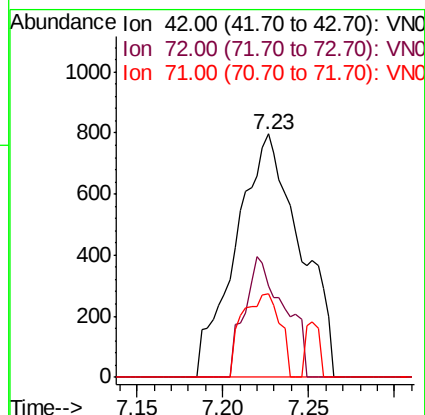
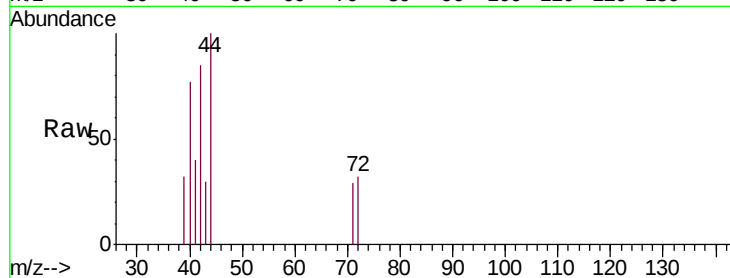
Tot Ion: 42 Resp: 2073

Ion Ratio Lower Upper

42 100

72 30.6 35.9 53.9#

71 20.2 33.7 50.5#



#31

Cyclohexane

Concen: 1.35 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

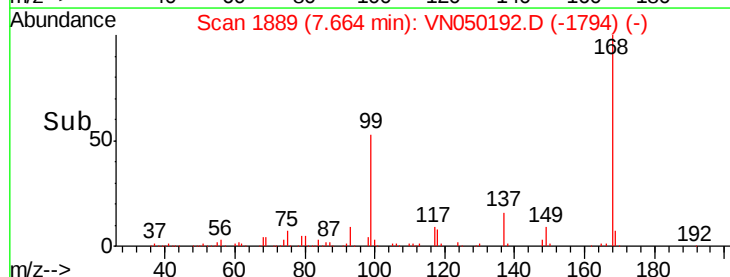
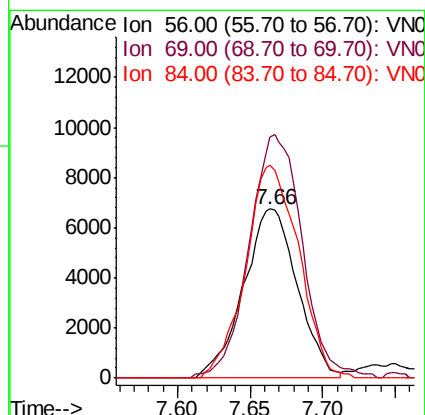
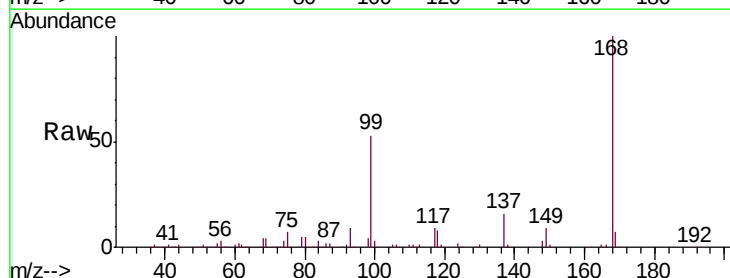
Tgt Ion: 56 Resp: 17486

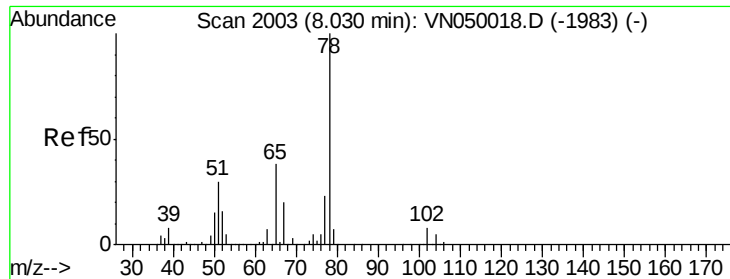
Ion Ratio Lower Upper

56 100

69 142.9 26.2 39.4#

84 125.9 67.4 101.0#

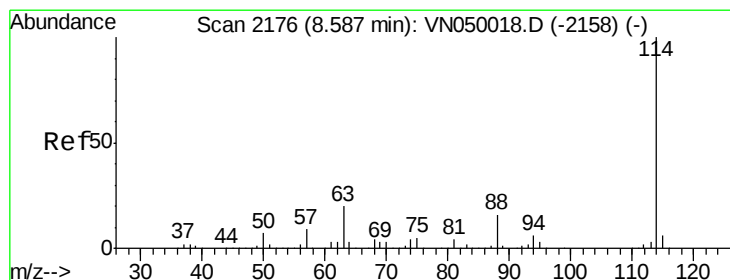
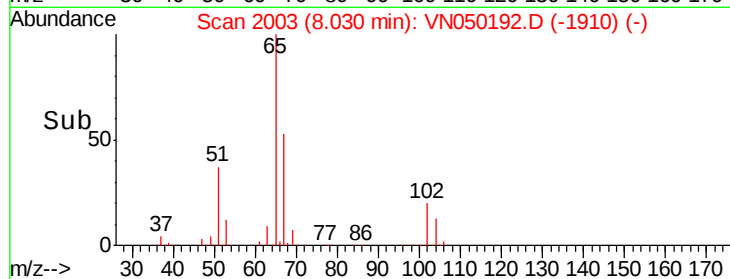
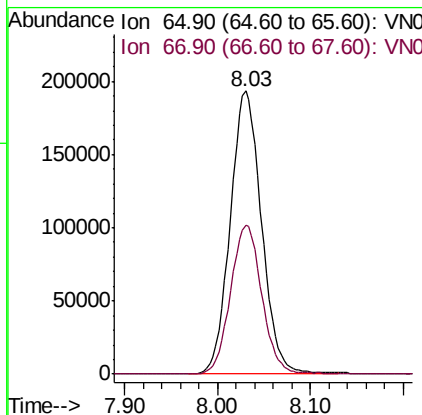
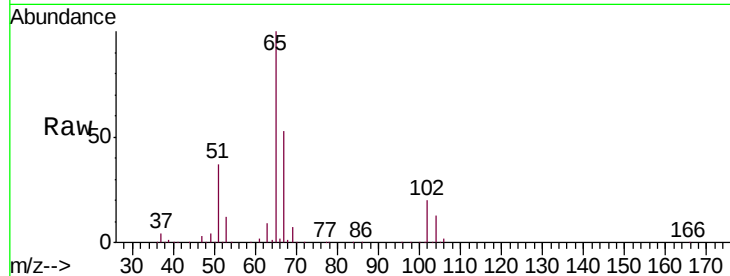




#33
 1,2-Dichloroethane-d4
 Concen: 50.57 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050192.D
 Acq: 30 Jul 2018 17:13

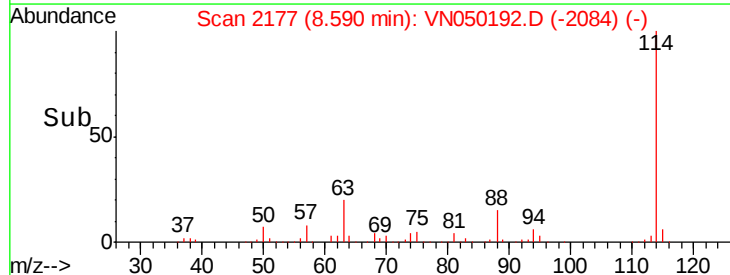
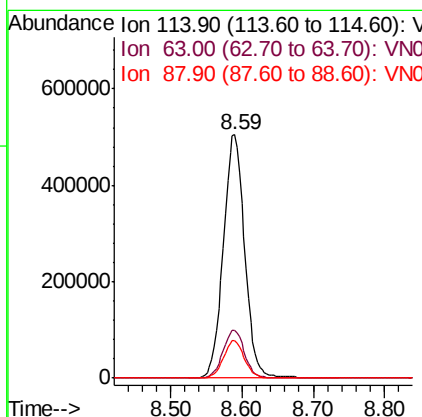
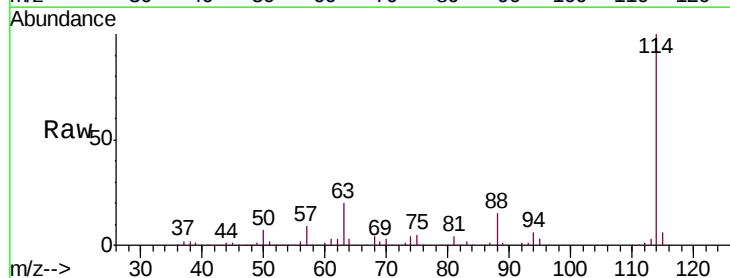
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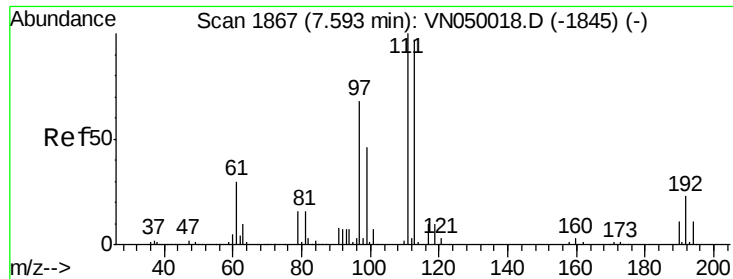
Tot Ion: 65 Resp: 452776
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050192.D
 Acq: 30 Jul 2018 17:13

Tgt Ion: 114 Resp: 1051727
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.4 0.0 31.2

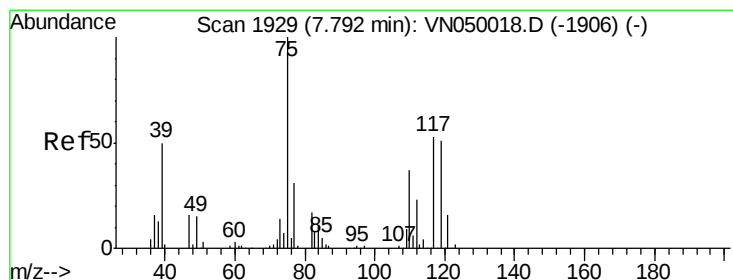
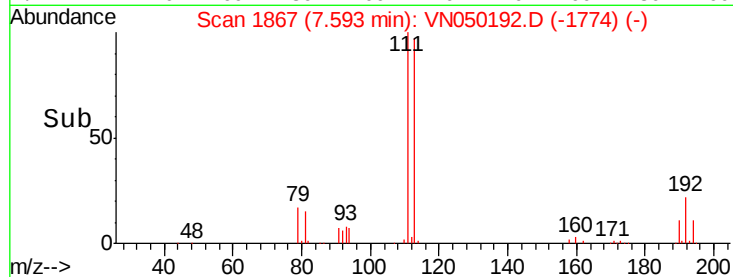
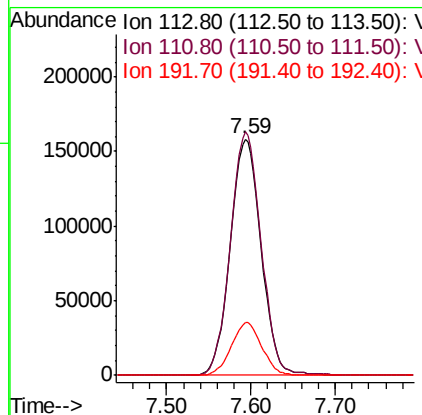
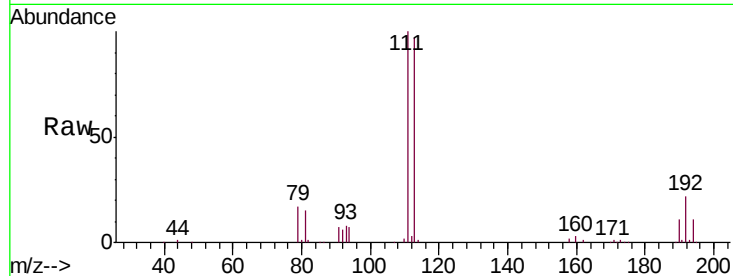




#35
 Dibromofluoromethane
 Concen: 46.98 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050192.D
 Acq: 30 Jul 2018 17:13

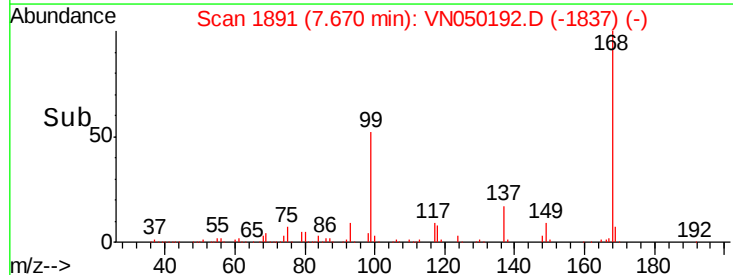
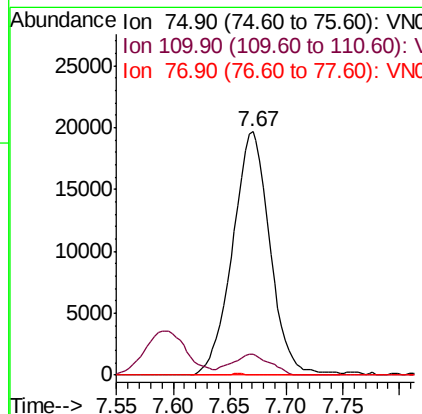
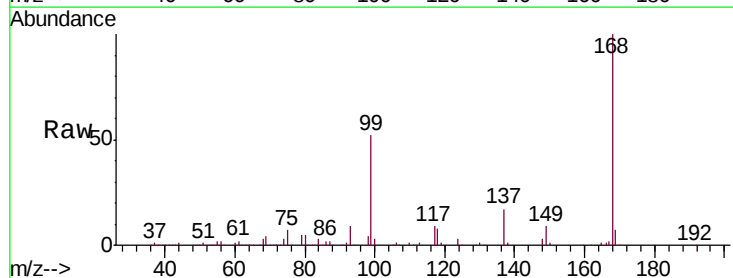
Instrument :
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 MW-22

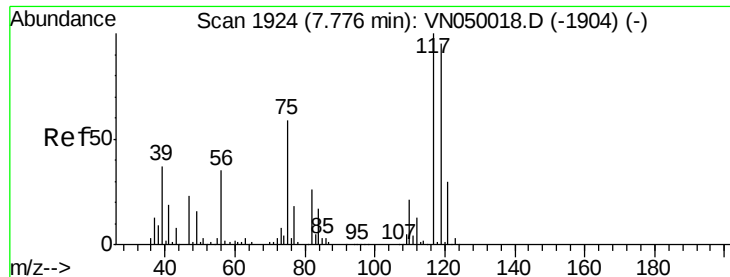
Tot Ion:113 Resp: 403392
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 21.9 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.82 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050192.D
 Acq: 30 Jul 2018 17:13

Tgt Ion: 75 Resp: 45300
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.4 55.2#
 77 0.2 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.62 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

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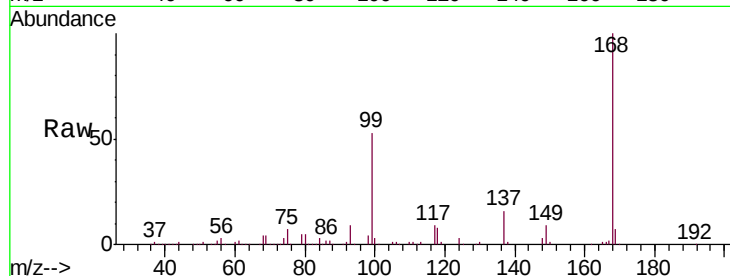
Tot Ion:117 Resp: 58041

Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

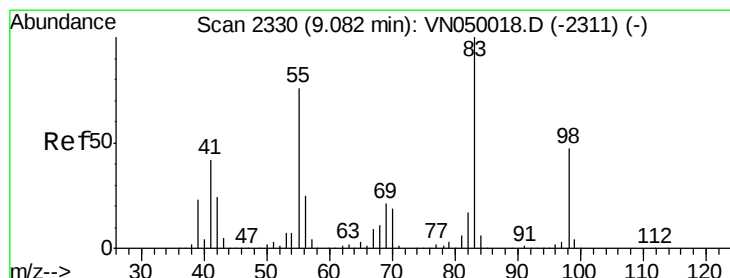
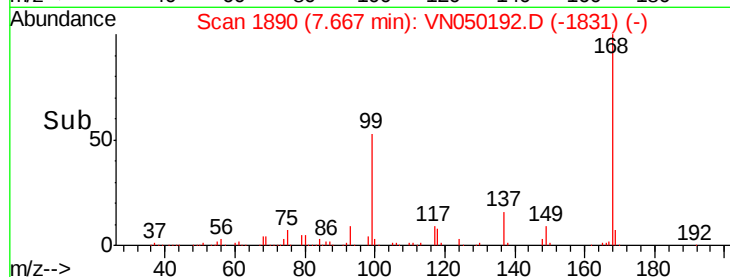
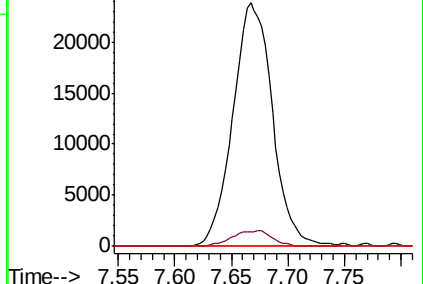
121 0.0 23.9 35.9#



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: 1.03 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

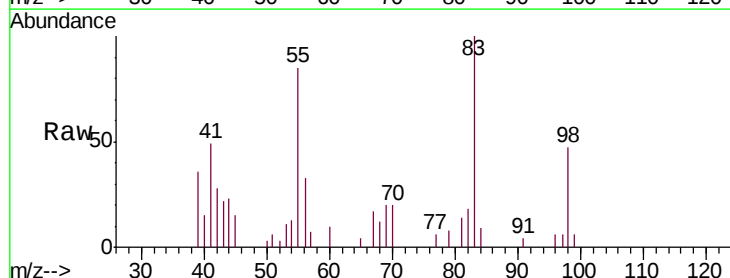
Tgt Ion: 83 Resp: 12570

Ion Ratio Lower Upper

83 100

55 84.9 61.8 92.8

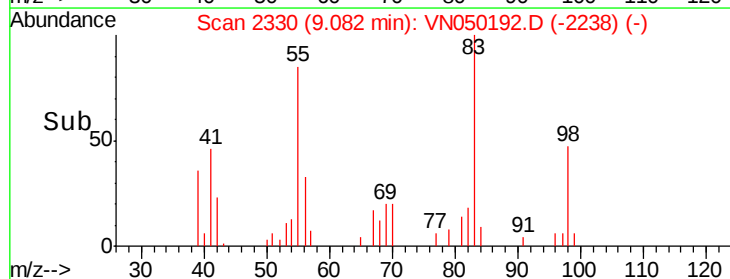
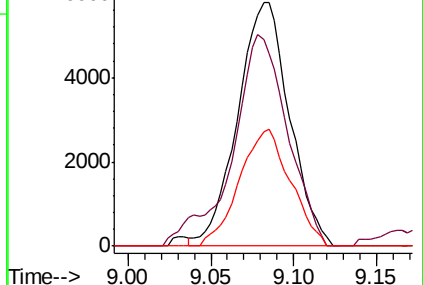
98 47.2 36.5 54.7

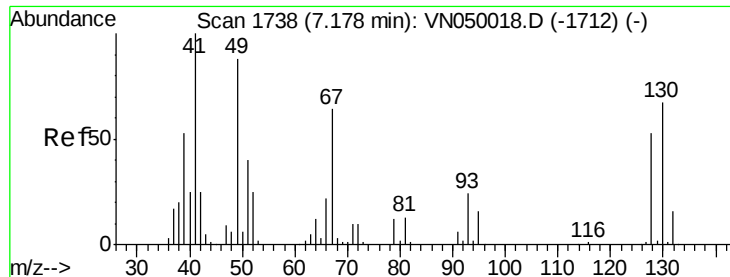


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

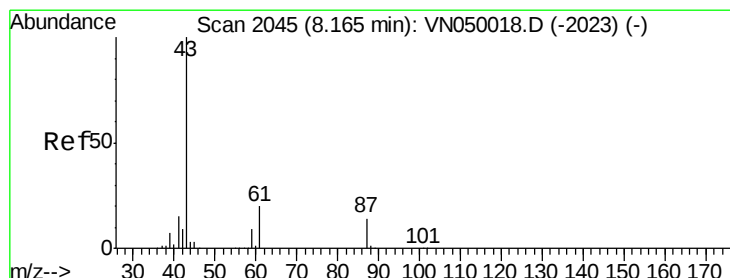
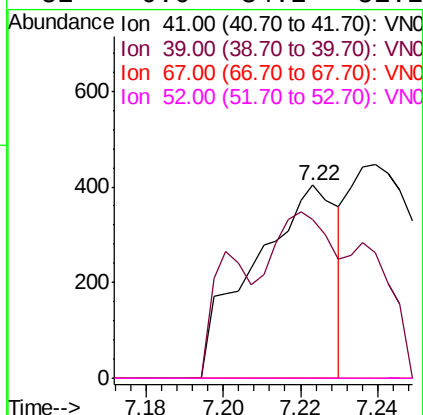
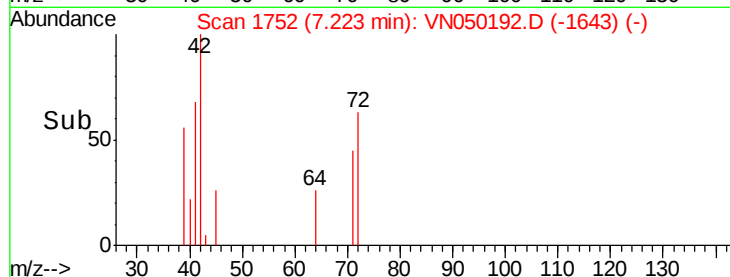
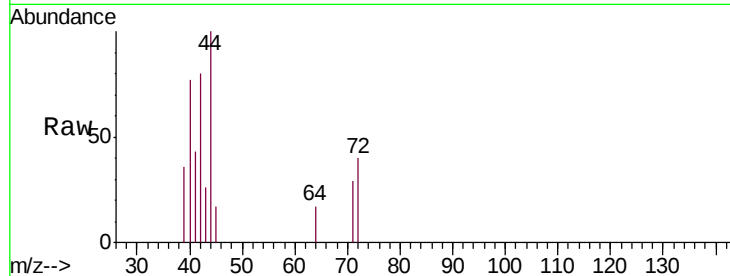




#41
Methacrylonitrile
Concen: 2.88 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.05 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

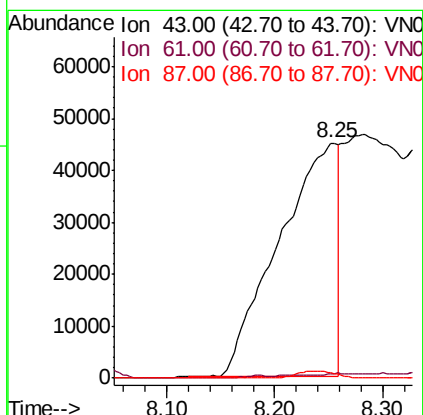
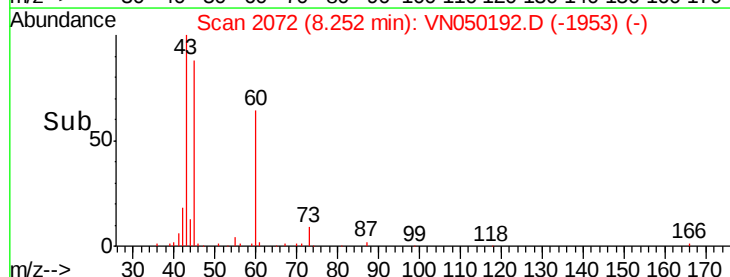
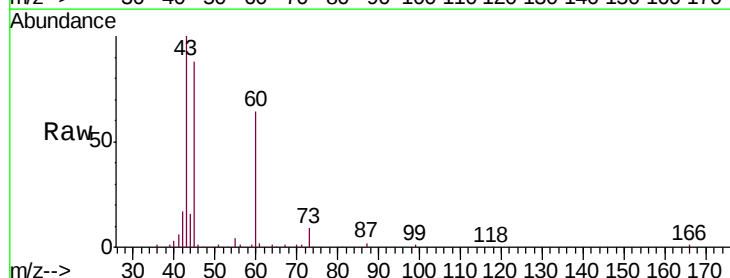
Instrument :
MSVOA_N
ClientSampled :
MW-22

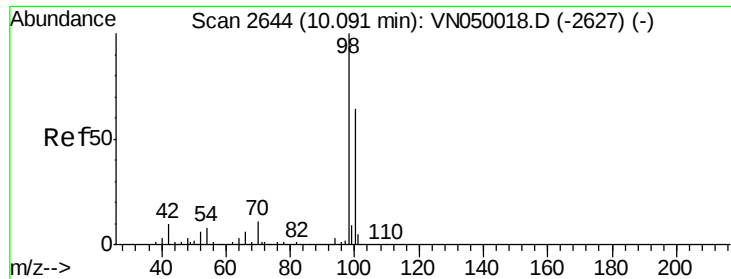
Tot Ion: 41 Resp: 606
Ion Ratio Lower Upper
41 100
39 36.3 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 10.02 ug/l
RT: 8.25 min Scan# 2072
Delta R.T. 0.08 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

Tgt Ion: 43 Resp: 170156
Ion Ratio Lower Upper
43 100
61 0.3 15.8 23.6#
87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 45.28 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampled :

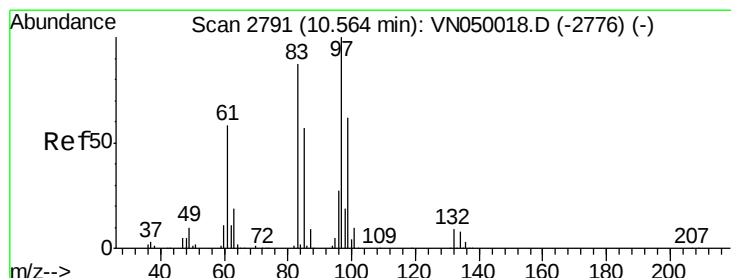
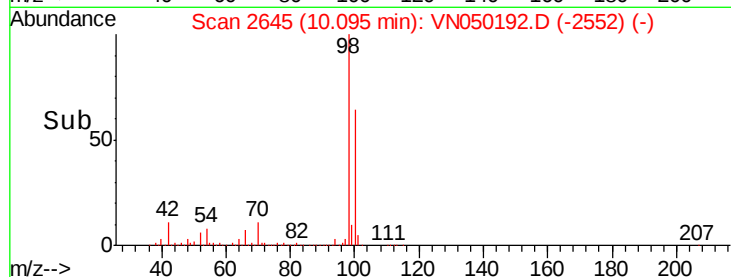
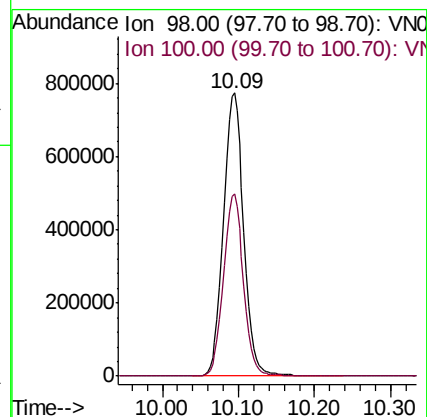
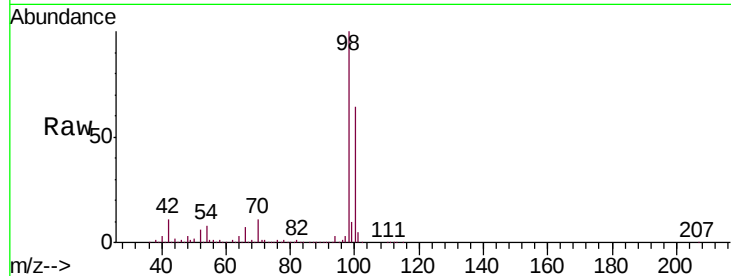
MW-22

Tot Ion: 98 Resp: 1429510

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



#55

1,1,2-Trichloroethane

Concen: 0.61 ug/l

RT: 10.54 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Tgt Ion: 97 Resp: 5134

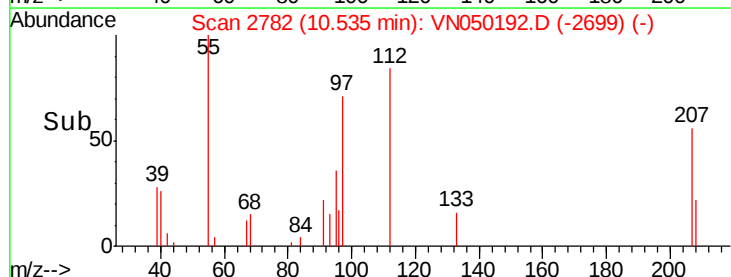
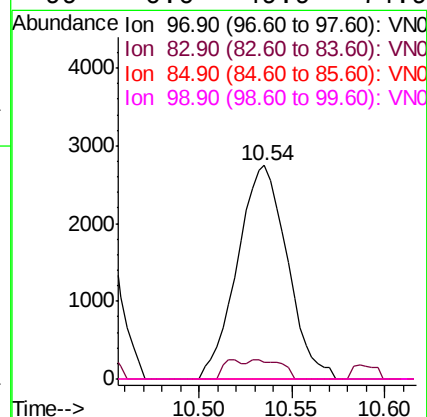
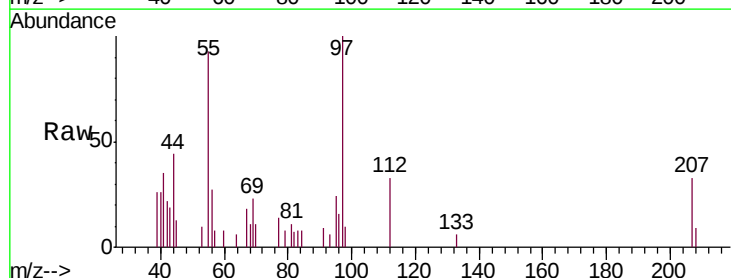
Ion Ratio Lower Upper

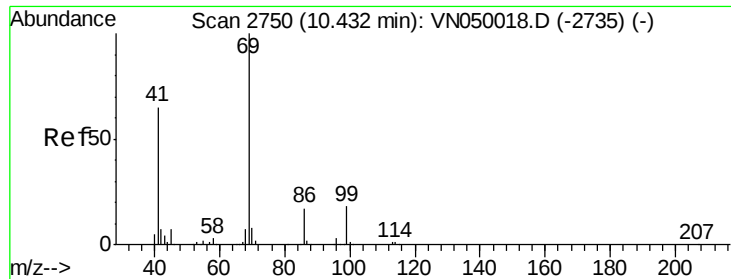
97 100

83 7.8 69.2 103.8#

85 0.0 44.0 66.0#

99 0.0 49.9 74.9#





#56

Ethyl methacrylate

Concen: 2.34 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampled :

MW-22

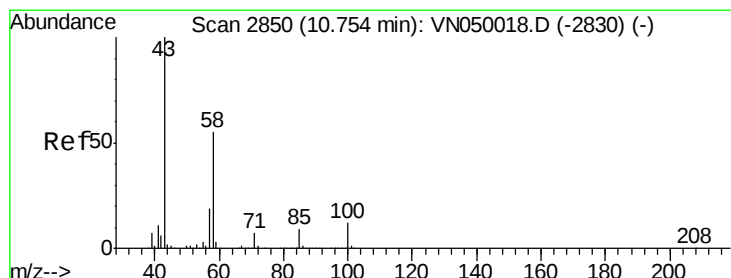
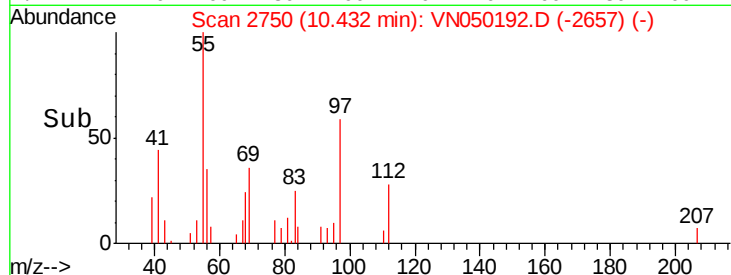
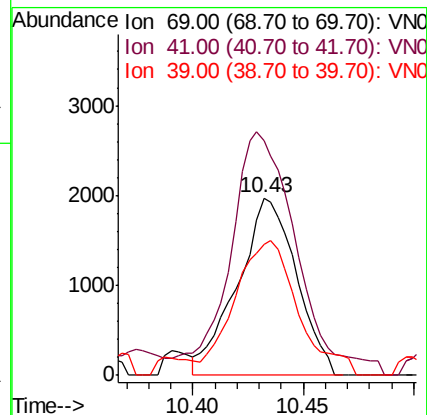
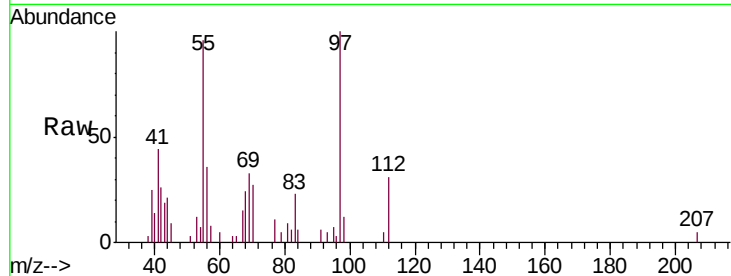
Tot Ion: 69 Resp: 3654

Ion Ratio Lower Upper

69 100

41 155.4 51.0 76.4#

39 81.7 26.6 40.0#



#59

2-Hexanone

Concen: 5.23 ug/l

RT: 10.61 min Scan# 2804

Delta R.T. -0.15 min

Lab File: VN050192.D

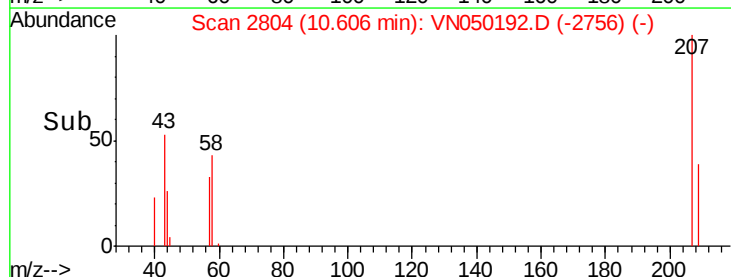
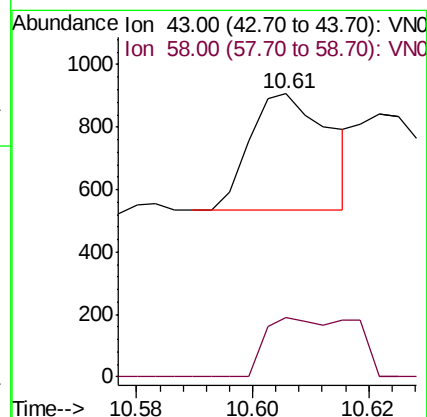
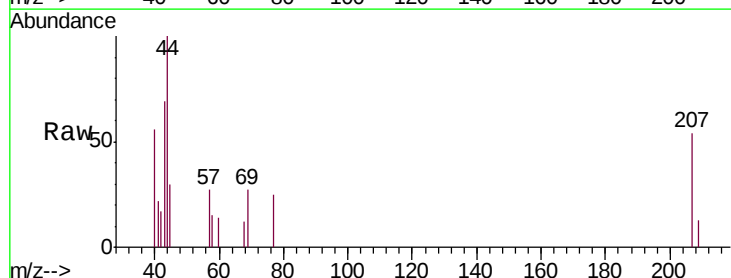
Acq: 30 Jul 2018 17:13

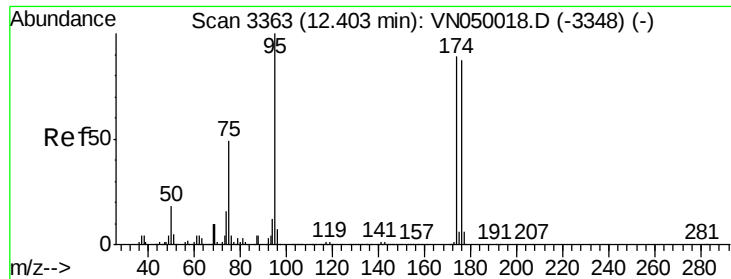
Tgt Ion: 43 Resp: 357

Ion Ratio Lower Upper

43 100

58 56.9 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 41.55 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

MW-22

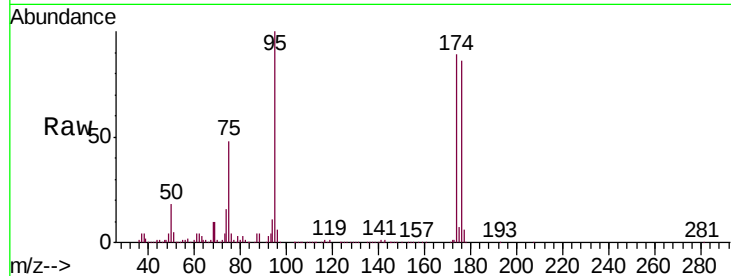
Tot Ion: 95 Resp: 431958

Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.2

176 87.7 0.0 173.4

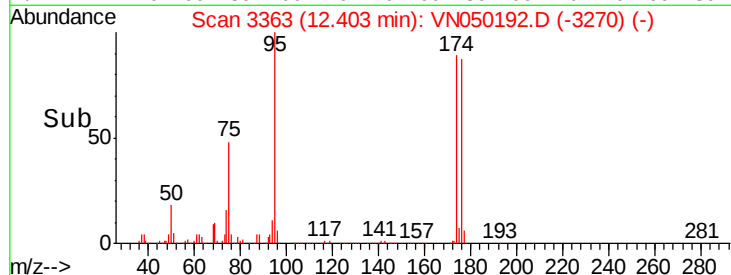


Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)

Time-->

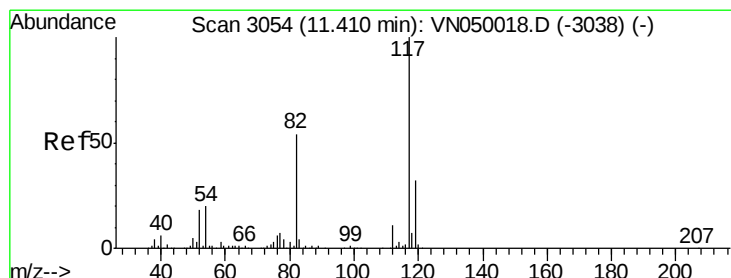


Abundance Ion 94.90 (94.60 to 95.60): VN050192.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050192.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050192.D (-3270) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

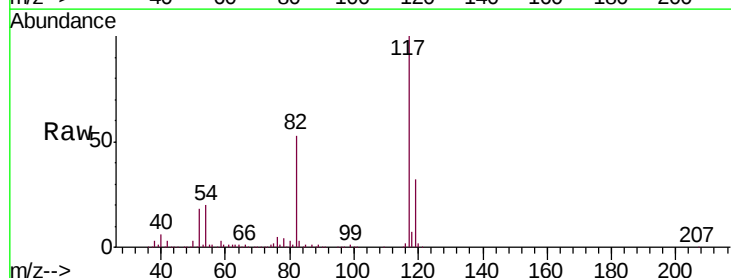
Tgt Ion: 117 Resp: 882853

Ion Ratio Lower Upper

117 100

82 53.3 43.7 65.5

119 31.6 26.1 39.1

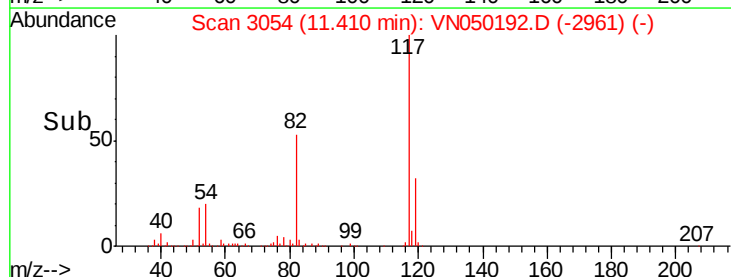


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

Time-->

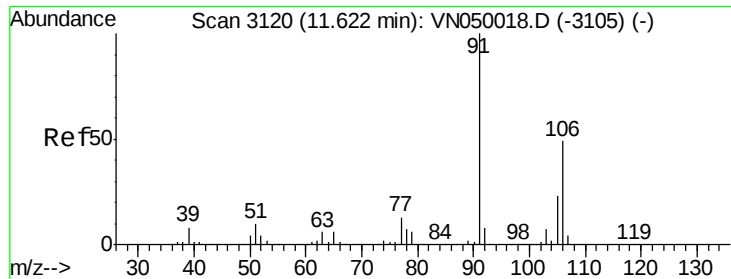


Abundance Ion 116.90 (116.60 to 117.60): VN050192.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050192.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050192.D (-2961) (-)

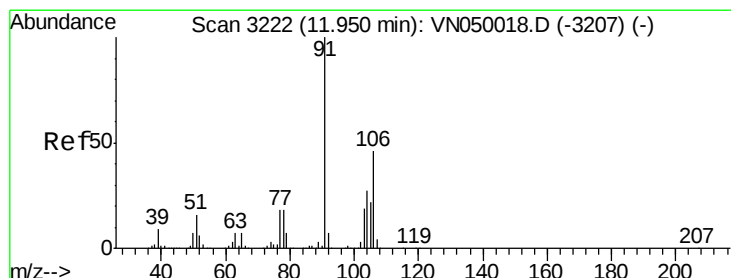
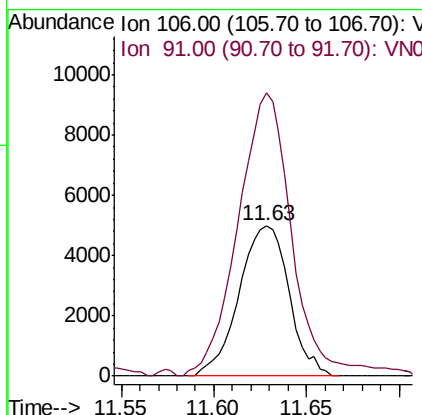
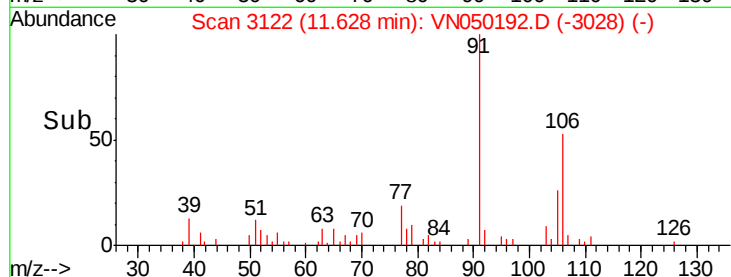
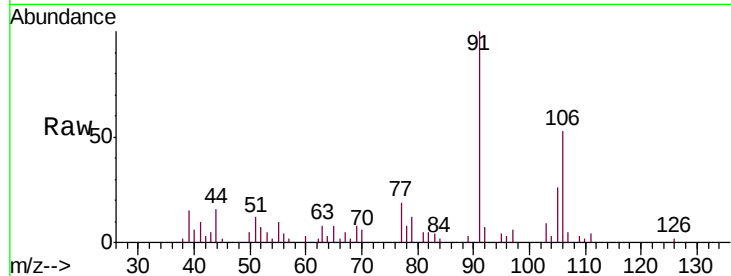
Time-->



#68
m/p-Xylenes
Concen: 0.69 ug/l
RT: 11.63 min Scan# 3122
Delta R.T. 0.00 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

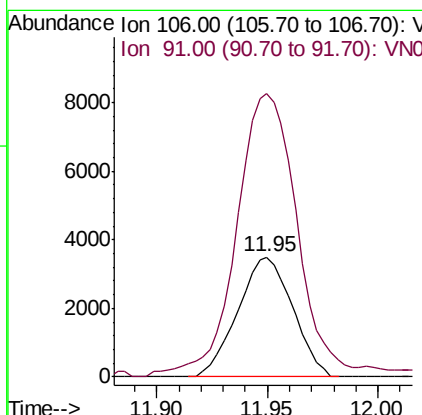
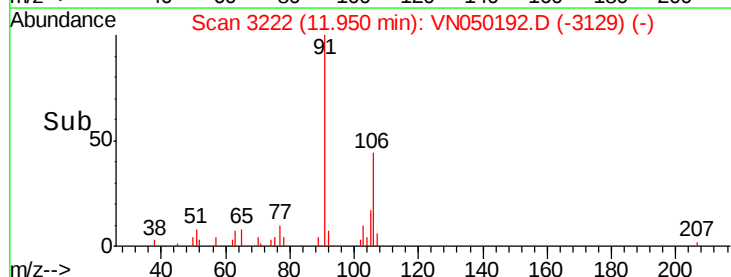
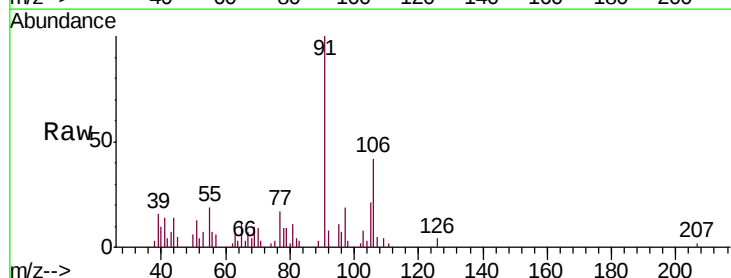
Instrument :
MSVOA_N
ClientSampled :
MW-22

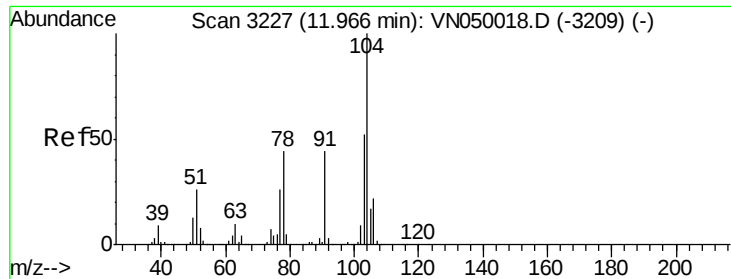
Tot Ion:106 Resp: 9333
Ion Ratio Lower Upper
106 100
91 204.7 162.2 243.2



#69
o-Xylene
Concen: 0.47 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

Tgt Ion:106 Resp: 6013
Ion Ratio Lower Upper
106 100
91 264.7 107.7 323.1

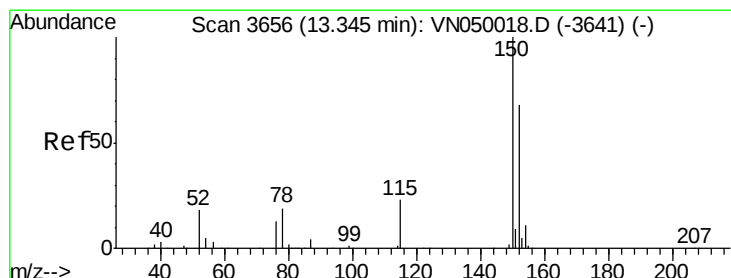
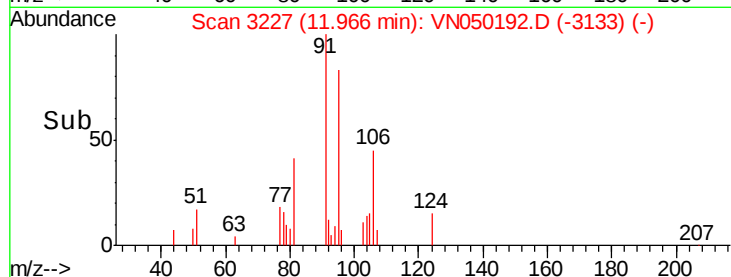
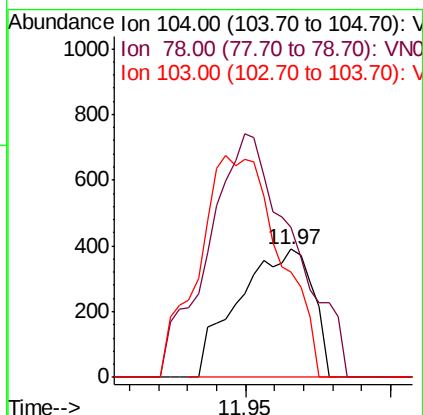
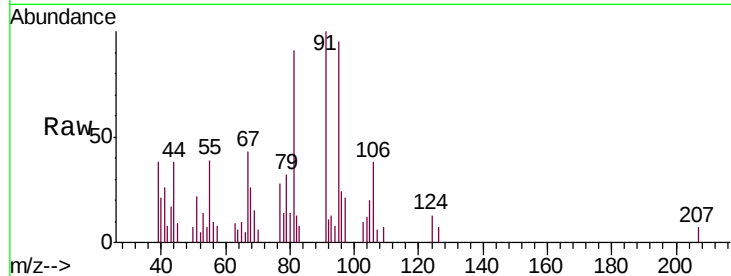




#70
Stvrene
Concen: 0.95 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

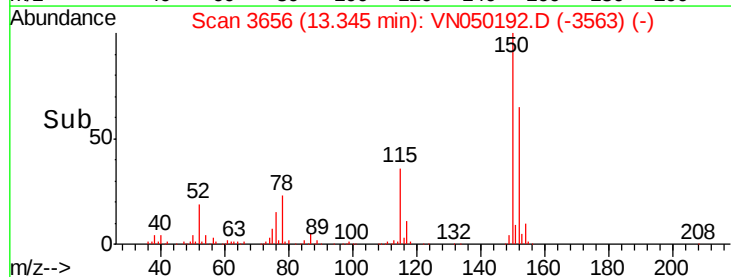
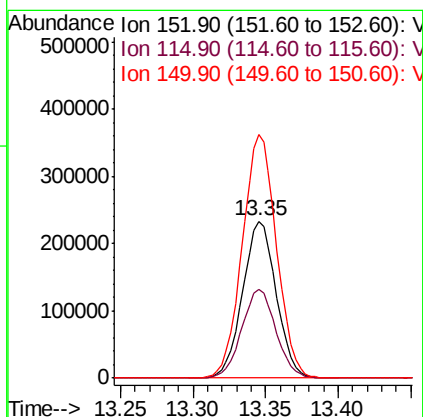
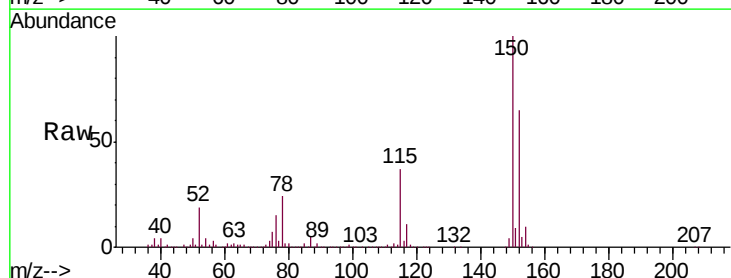
Instrument :
MSVOA_N
ClientSampled :
MW-22

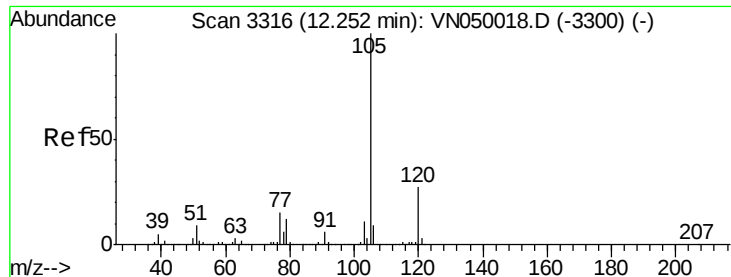
Tot Ion:104 Resp: 693
Ion Ratio Lower Upper
104 100
78 0.0 39.3 58.9#
103 0.0 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

Tgt Ion:152 Resp: 376518
Ion Ratio Lower Upper
152 100
115 57.4 27.8 83.3
150 157.4 0.0 348.6





#73

Isopropylbenzene

Concen: 4.39 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampled :

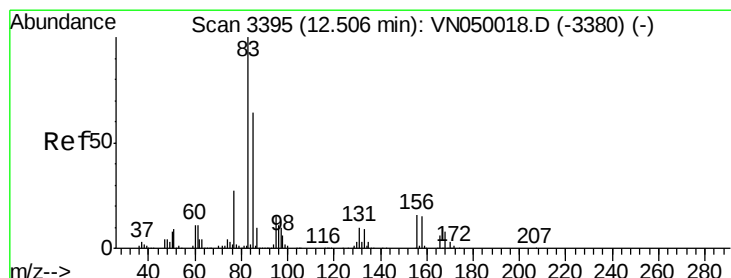
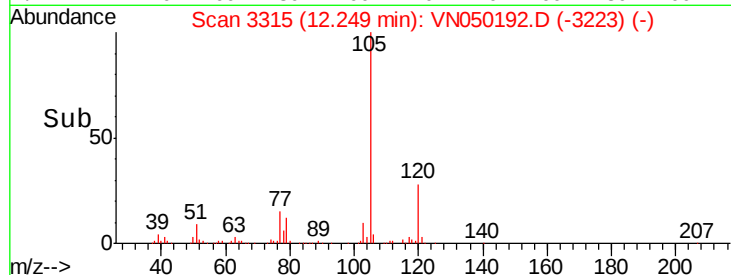
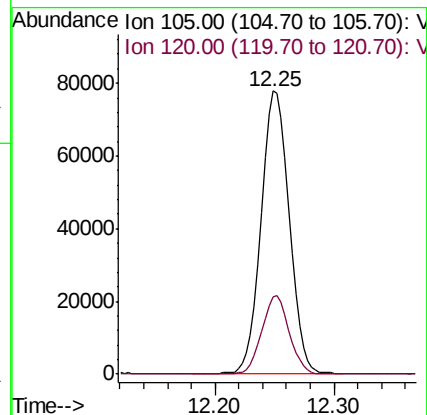
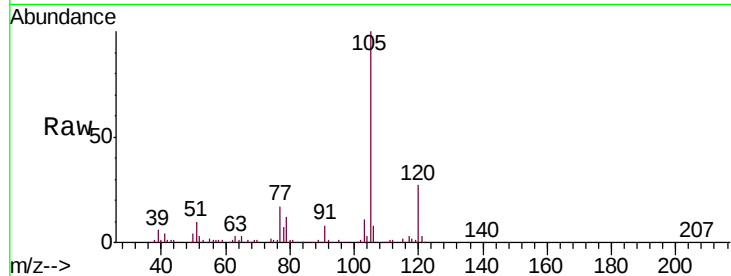
MW-22

Tot Ion:105 Resp: 128206

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3385

Delta R.T. -0.03 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

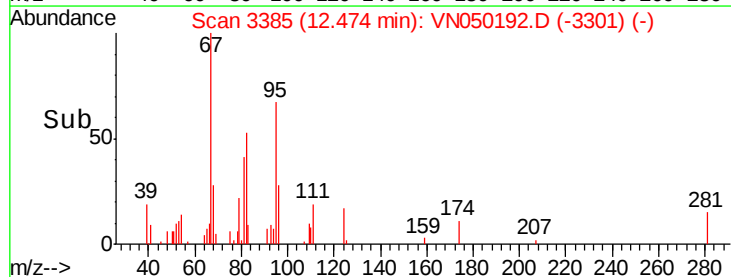
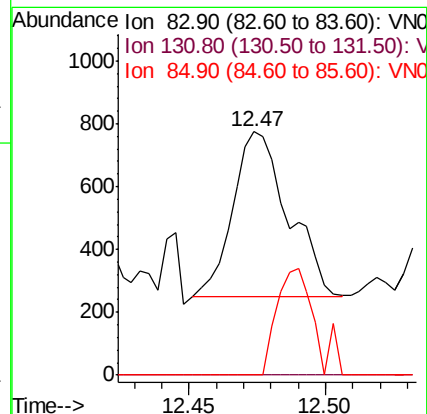
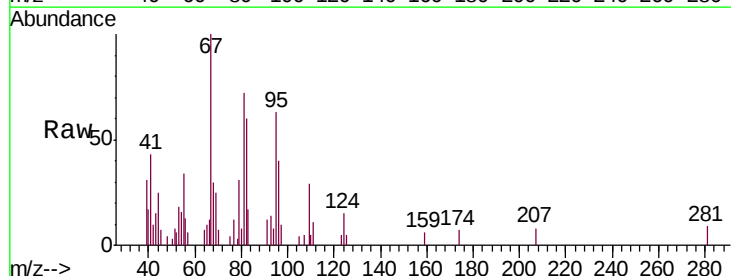
Tgt Ion: 83 Resp: 743

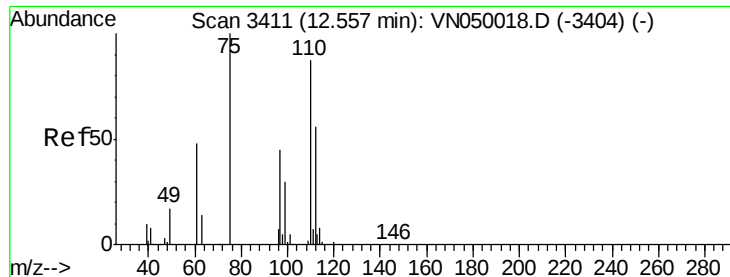
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 43.7 32.3 96.8





#76

1,2,3-Trichloropropane

Concen: 30.32 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampled :

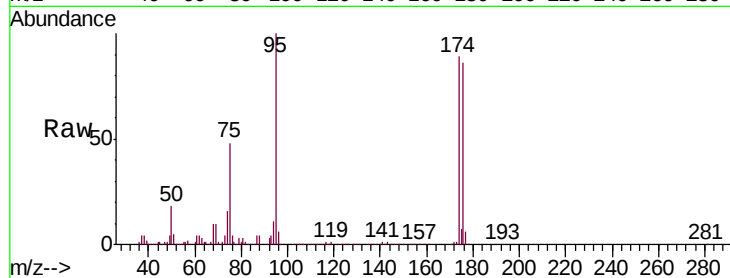
MW-22

Tot Ion: 75 Resp: 212190

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

150000

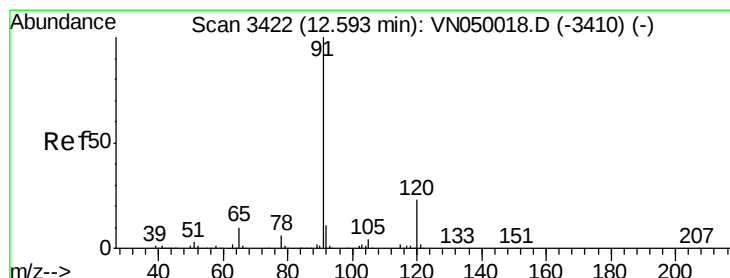
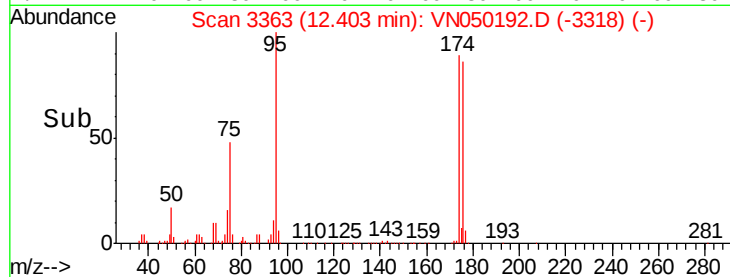
12.40

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 5.53 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050192.D

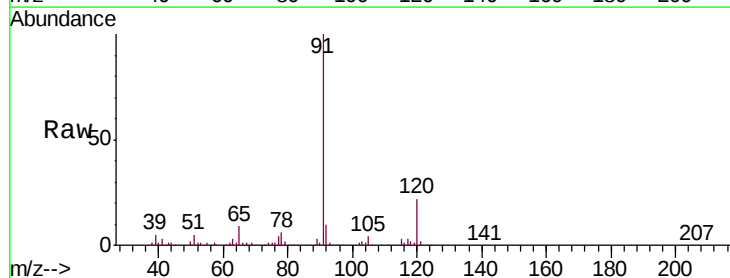
Acq: 30 Jul 2018 17:13

Tgt Ion: 91 Resp: 180362

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

120000

12.59

100000

80000

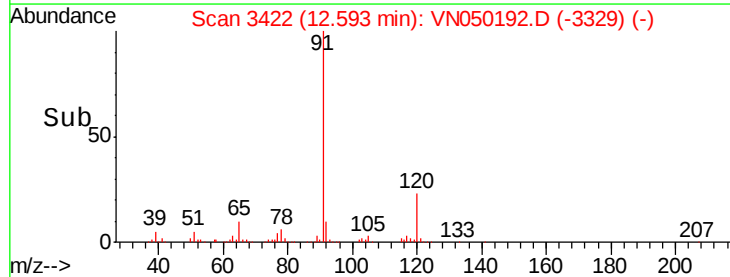
60000

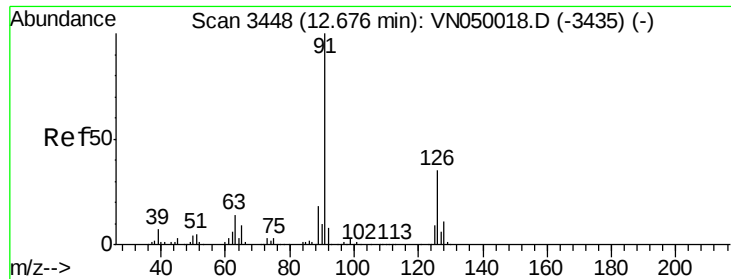
40000

20000

0

Time-->





#79

2-Chlorotoluene

Concen: 8.92 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.08 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

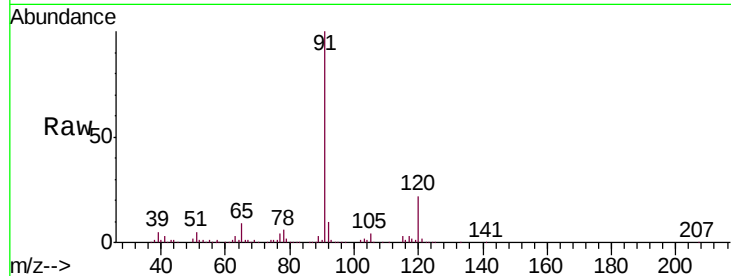
MW-22

Tot Ion: 91 Resp: 180362

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN050018.D (-3435) (-)

12.59

120000

100000

80000

60000

40000

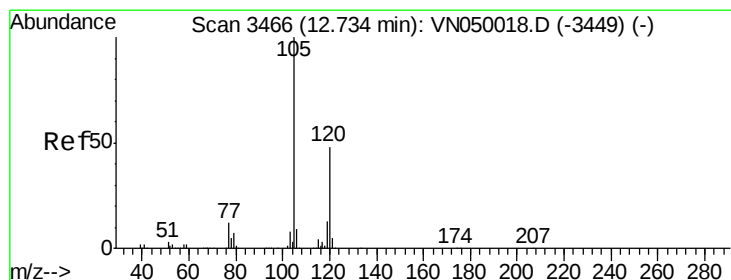
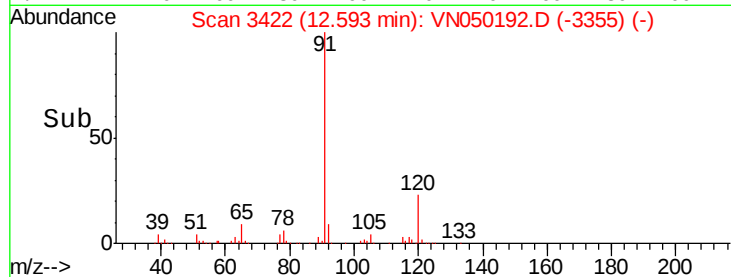
20000

0

Time-->

12.50

12.60



#80

1,3,5-Trimethylbenzene

Concen: 0.75 ug/l

RT: 12.69 min Scan# 3453

Delta R.T. -0.04 min

Lab File: VN050192.D

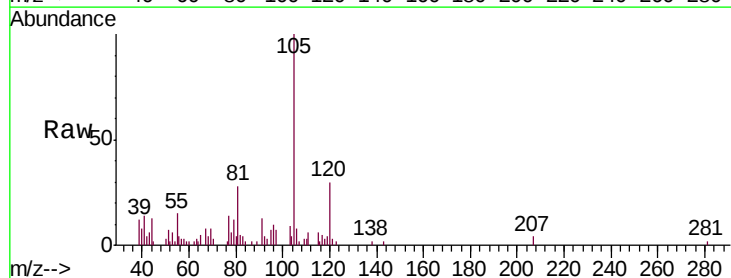
Acq: 30 Jul 2018 17:13

Tgt Ion:105 Resp: 17207

Ion Ratio Lower Upper

105 100

120 33.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050018.D (-3449) (-)

Ion 120.00 (119.70 to 120.70): VN050018.D (-3449) (-)

30000

25000

20000

15000

10000

5000

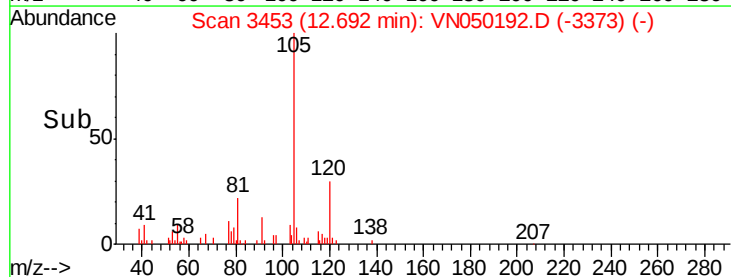
0

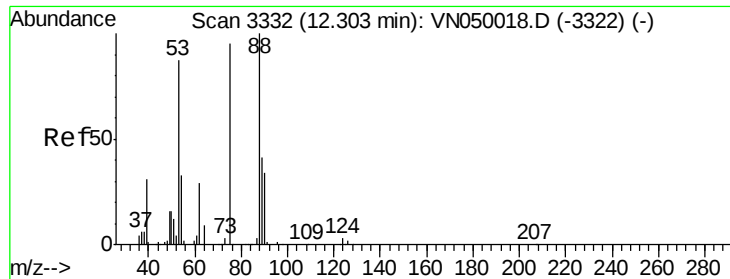
Time-->

12.60

12.65

12.70





#81

trans-1,4-Dichloro-2-butene

Concen: 96.18 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

MW-22

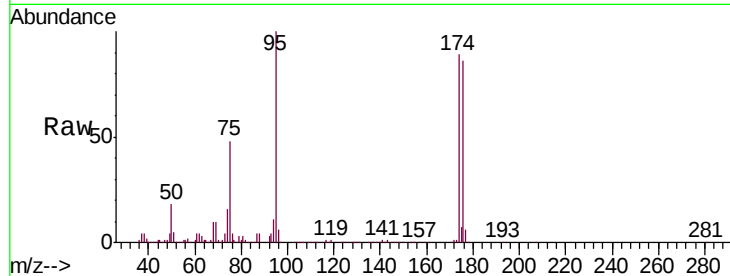
Tot Ion: 75 Resp: 212190

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

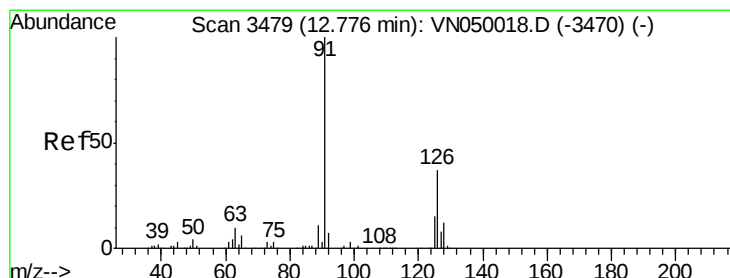
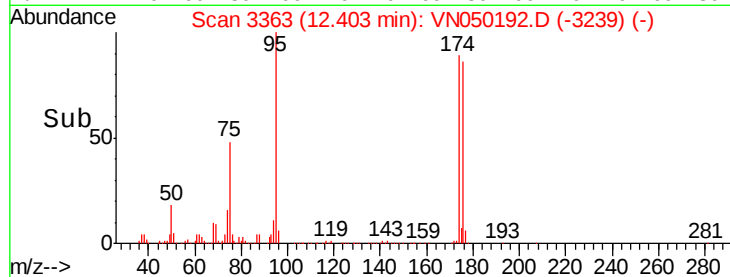
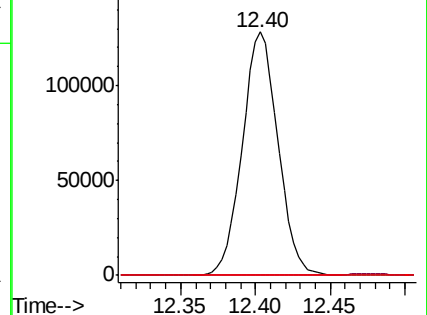
89 0.0 36.0 54.0#



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



#82

4-Chlorotoluene

Concen: 9.00 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.18 min

Lab File: VN050192.D

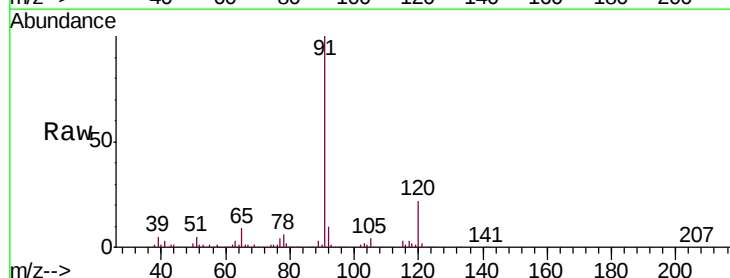
Acq: 30 Jul 2018 17:13

Tgt Ion: 91 Resp: 180362

Ion Ratio Lower Upper

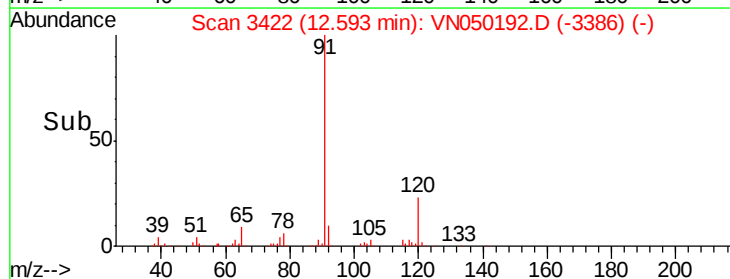
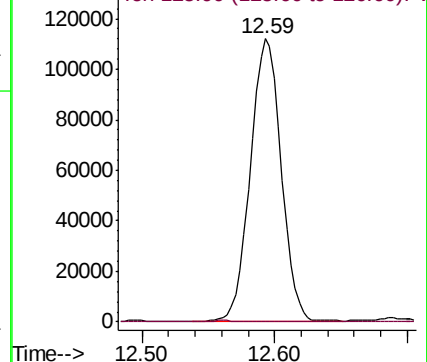
91 100

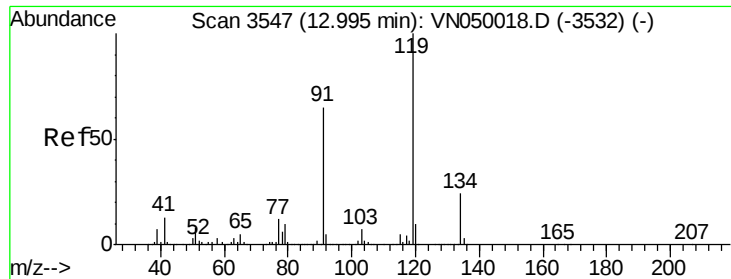
126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

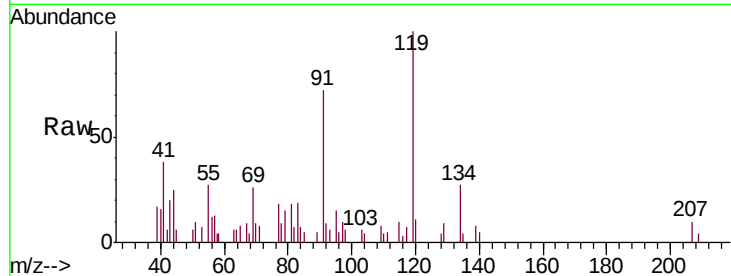




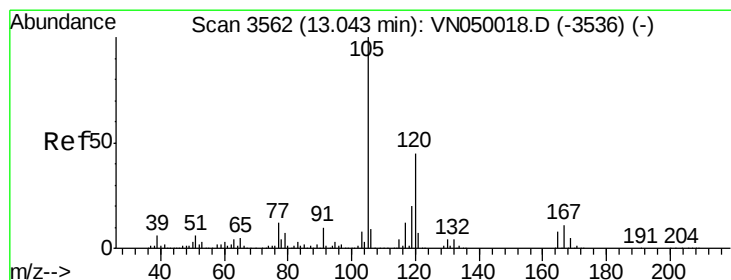
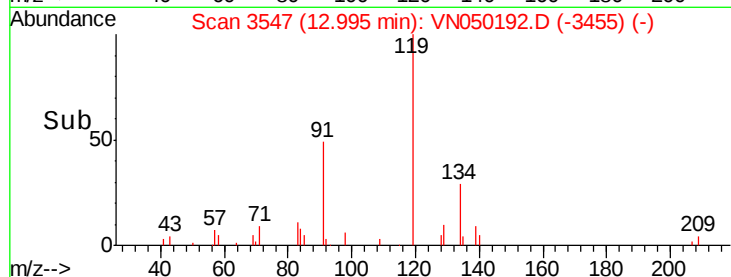
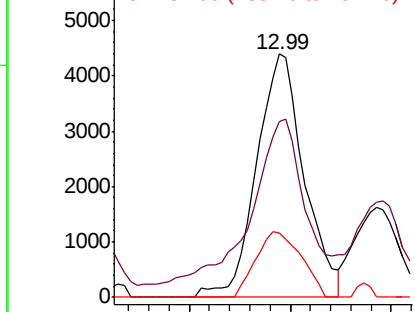
#83
 tert-Butylbenzene
 Concen: 0.36 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050192.D
 Acq: 30 Jul 2018 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22

Tot Ion:119 Resp: 7213
 Ion Ratio Lower Upper
 119 100
 91 74.4 32.1 96.3
 134 25.6 13.2 39.5

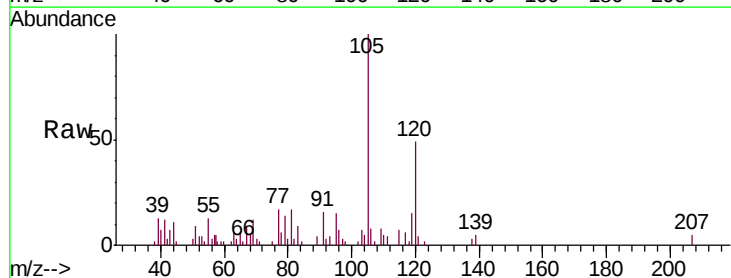


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

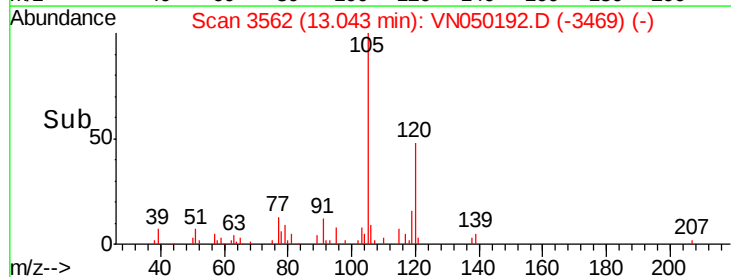
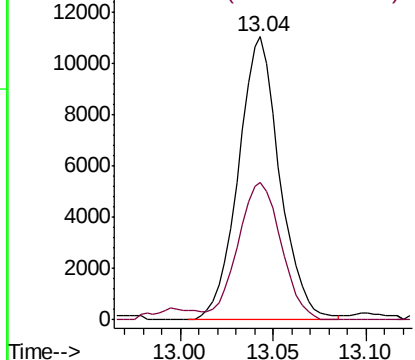


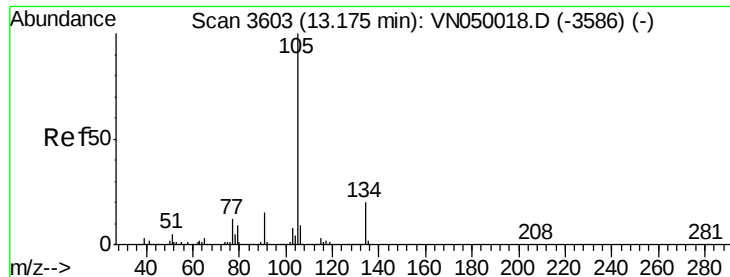
#84
 1,2,4-Trimethylbenzene
 Concen: 0.74 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050192.D
 Acq: 30 Jul 2018 17:13

Tgt Ion:105 Resp: 17145
 Ion Ratio Lower Upper
 105 100
 120 50.9 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: 2.56 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampled :

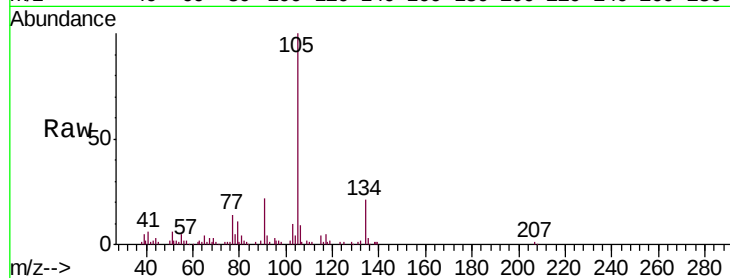
MW-22

Tot Ion:105 Resp: 68559

Ion Ratio Lower Upper

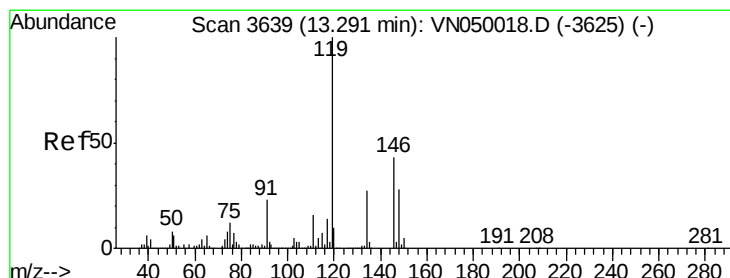
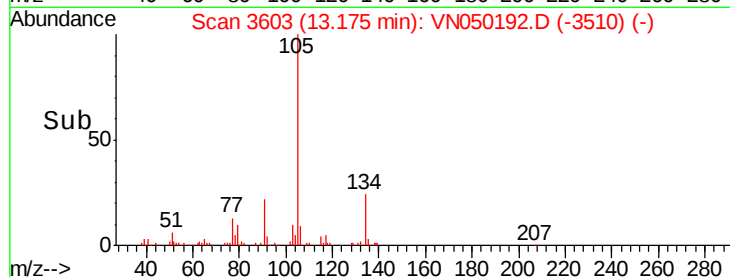
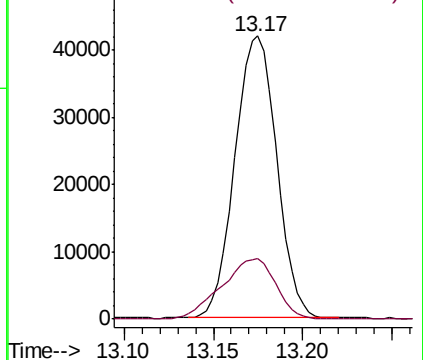
105 100

134 27.8 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: 0.96 ug/l

RT: 13.44 min Scan# 3687

Delta R.T. 0.15 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

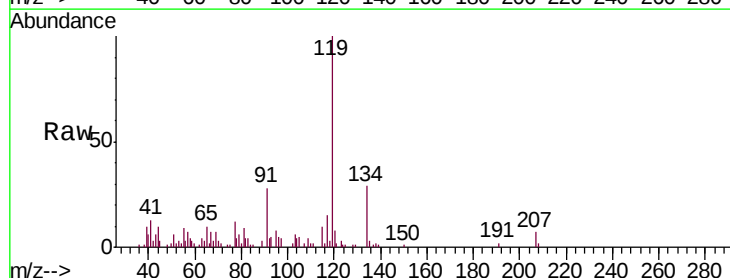
Tgt Ion:119 Resp: 21590

Ion Ratio Lower Upper

119 100

134 29.2 13.3 39.8

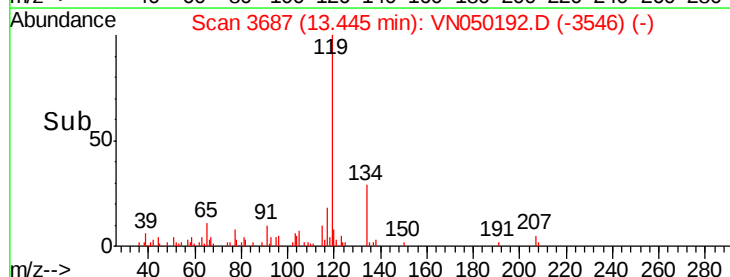
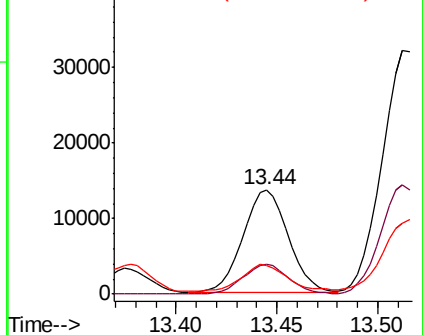
91 27.2 11.4 34.2

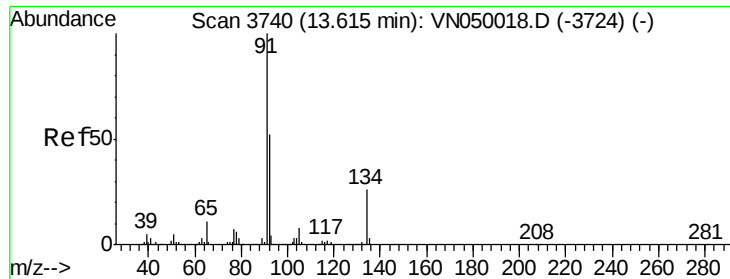


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

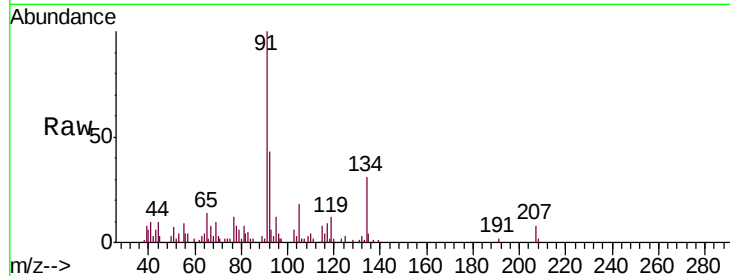




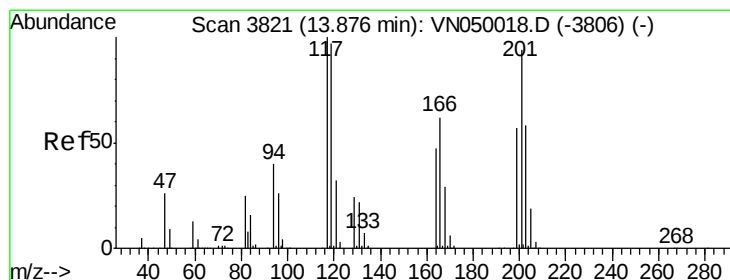
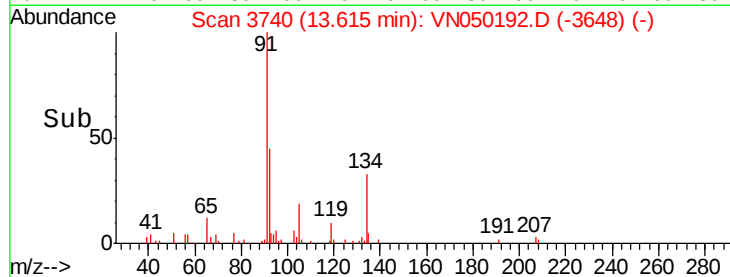
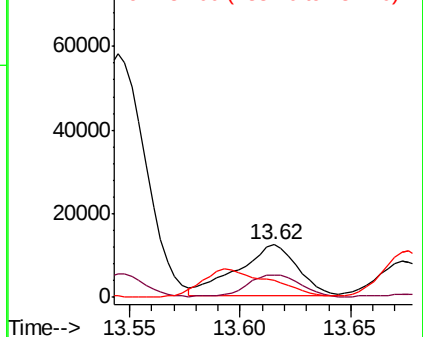
#89
n-Butylbenzene
Concen: 1.23 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

Instrument :
MSVOA_N
ClientSampleId :
MW-22

Tot Ion: 91 Resp: 22804
Ion Ratio Lower Upper
91 100
92 41.0 25.8 77.4
134 0.0 12.8 38.4#

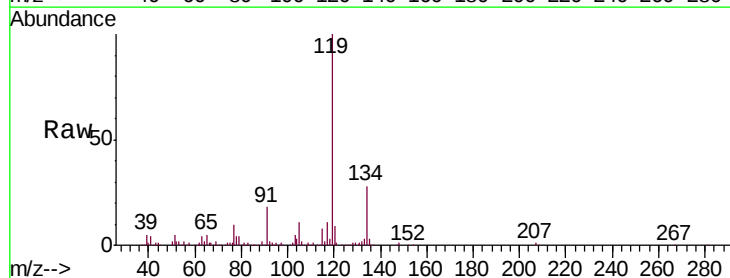


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

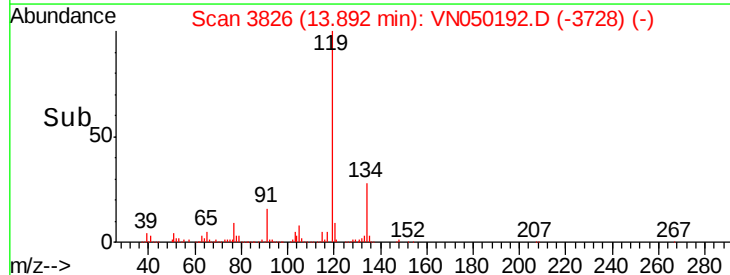
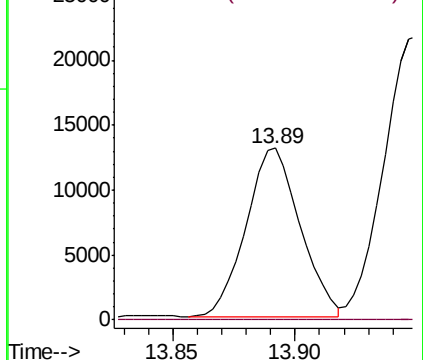


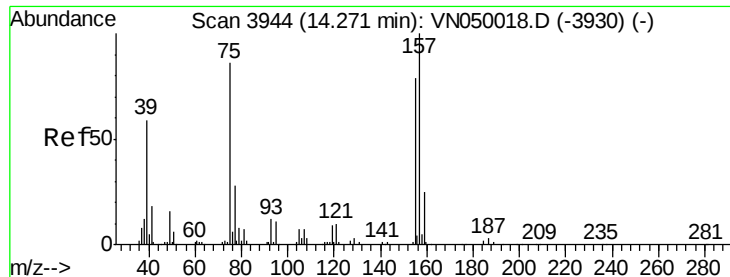
#90
Hexachloroethane
Concen: 3.99 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN050192.D
Acq: 30 Jul 2018 17:13

Tgt Ion: 117 Resp: 19988
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: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampled :

MW-22

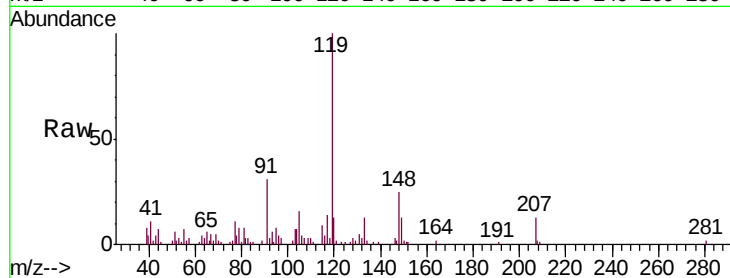
Tot Ion: 75 Resp: 231

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

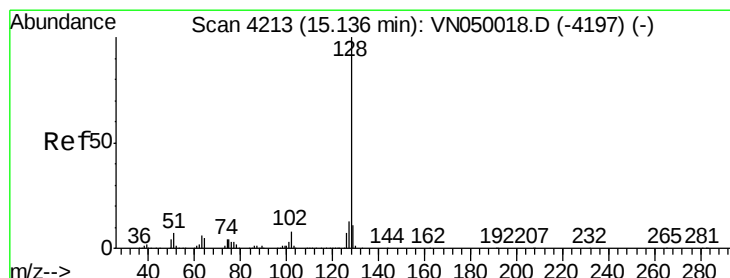
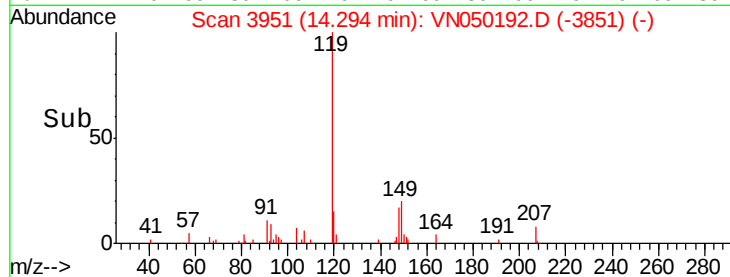
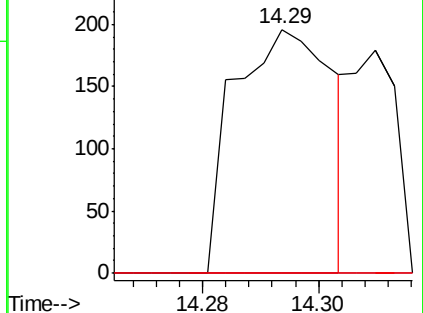
157 0.0 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050018.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050018.D (-3930) (-)



#95

Naphthalene

Concen: 29.12 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

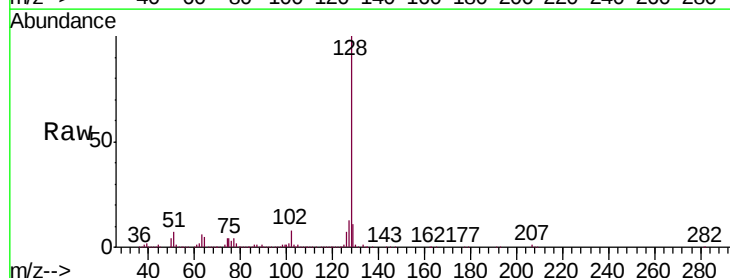
Tgt Ion: 128 Resp: 465996

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

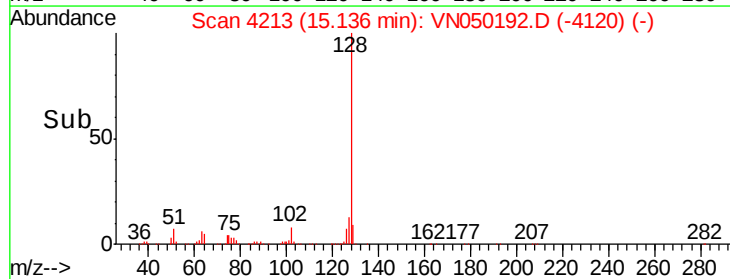
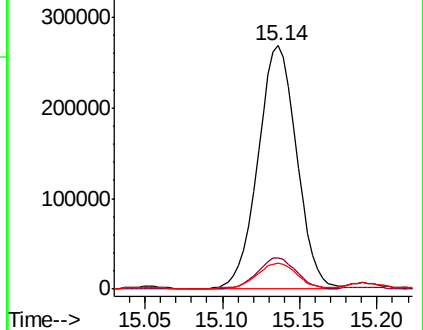
129 10.8 8.8 13.2

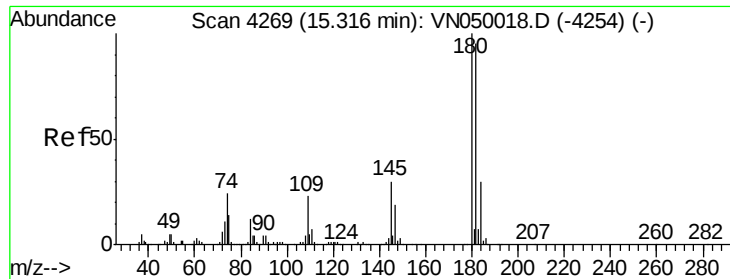


Abundance Ion 128.00 (127.70 to 128.70): VN050018.D (-4197) (-)

Ion 127.00 (126.70 to 127.70): VN050018.D (-4197) (-)

Ion 129.00 (128.70 to 129.70): VN050018.D (-4197) (-)





#96

1,2,3-Trichlorobenzene

Concen: 2.21 ug/l

RT: 15.49 min Scan# 4323

Delta R.T. 0.17 min

Lab File: VN050192.D

Acq: 30 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

MW-22

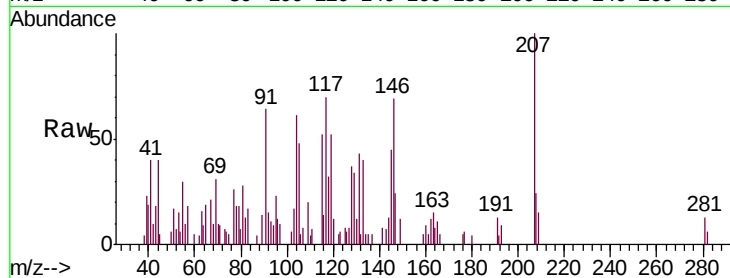
Tot Ion:180 Resp: 62

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.4#

145 9193.5 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

