

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050219.D
 Acq On : 31 Jul 2018 16:56
 Operator : MD\SY
 Sample : J4184-03DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

Quant Time: Aug 01 03:56:43 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	681614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1101256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	913333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404991	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	463910	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	7.59	113	417701	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
50) Toluene-d8	10.09	98	1499142	45.35	ug/l	0.00
Spiked Amount			Recovery	=	90.70%	
62) 4-Bromofluorobenzene	12.40	95	448961	41.25	ug/l	0.00
Spiked Amount			Recovery	=	82.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	158	Below Cal	#	3
16) Acetone	3.82	43	45864	16.42	ug/l	96
18) Methyl Acetate	4.33	43	17219	0.36	ug/l	97
20) Methylene Chloride	4.55	84	4256	Below Cal		94
25) 2-Butanone	6.85	43	41932	11.56	ug/l	100
31) Cyclohexane	7.67	56	13508	0.96	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	47533	3.83	ug/l	# 48
37) Ethyl Acetate	6.85	43	41932	4.85	ug/l	# 68
38) Carbon Tetrachloride	7.67	117	61465	4.67	ug/l	# 16
39) Methylcyclohexane	9.09	83	3637	0.28	ug/l	92
40) Benzene	8.04	78	36229	0.96	ug/l	96
41) Methacrylonitrile	7.22	41	531	2.86	ug/l	# 17
43) Isopropyl Acetate	8.27	43	262232	15.30	ug/l	# 61
52) Toluene	10.16	92	199840	8.97	ug/l	100
56) Ethyl methacrylate	10.42	69	130	2.04	ug/l	# 1
59) 2-Hexanone	10.74	43	294	5.22	ug/l	# 24
67) Ethyl Benzene	11.51	91	420431	11.34	ug/l	100
68) m/p-Xylenes	11.62	106	404384	28.85	ug/l	98
69) o-Xylene	11.95	106	187287	14.02	ug/l	99
70) Styrene	11.97	104	139273	6.68	ug/l	88
71) Bromoform	12.40	173	4002	0.62	ug/l	# 1
73) Isopropylbenzene	12.25	105	40104	1.28	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.53	83	30	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	222319	29.54	ug/l	# 100
78) n-propylbenzene	12.59	91	25405	0.72	ug/l	98
79) 2-Chlorotoluene	12.66	91	46543	2.14	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.73	105	184261	7.46	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	222319	93.69	ug/l	# 13
82) 4-Chlorotoluene	12.73	91	18949	0.88	ug/l	# 41
83) tert-Butylbenzene	13.04	119	41998	1.95	ug/l	# 55
84) 1,2,4-Trimethylbenzene	13.04	105	345032	13.86	ug/l	99
85) sec-Butylbenzene	13.04	105	345032	11.98	ug/l	# 56
86) p-Isopropyltoluene	13.29	119	124985	5.15	ug/l	100
89) n-Butylbenzene	13.58	91	11025	0.55	ug/l	# 1

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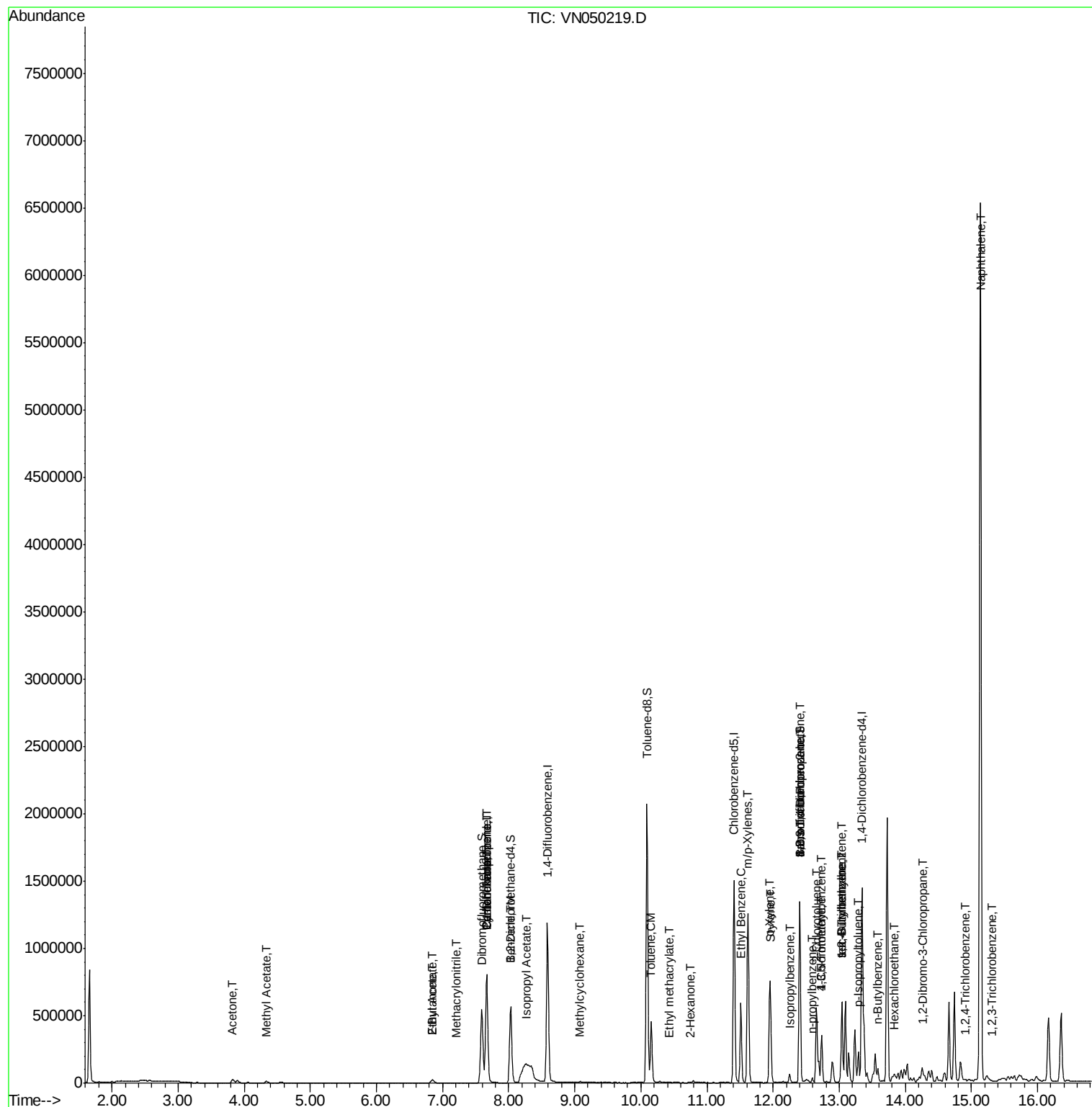
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.83	117	10026	1.86	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2146	0.73	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	185	3.11	ug/l #	1
95) Naphthalene	15.14	128	5667951	283.80	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	311	2.24	ug/l	94

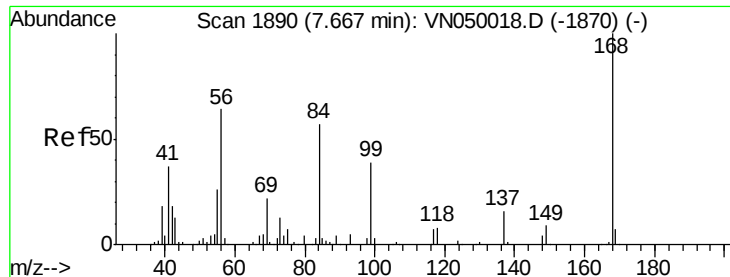
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

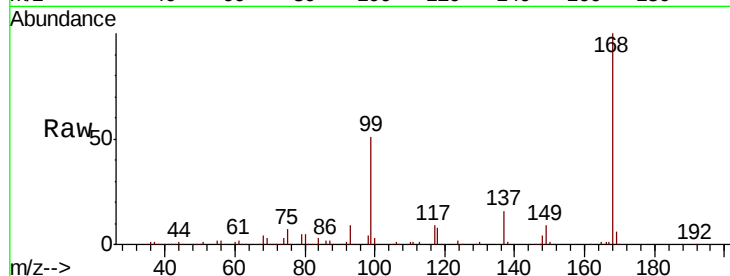
MW-6BDL

Tot Ion:168 Resp: 681614

Ion Ratio Lower Upper

168 100

99 50.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

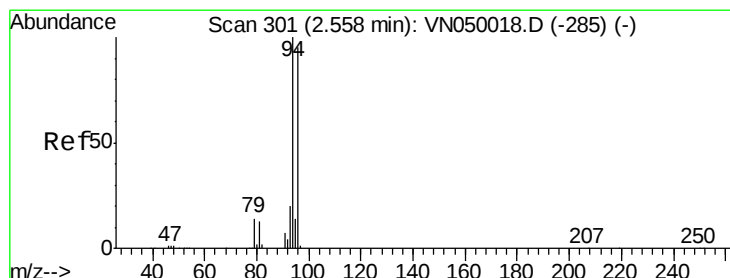
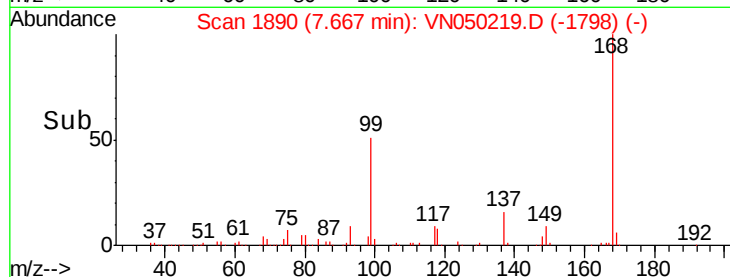
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 294

Delta R.T. -0.02 min

Lab File: VN050219.D

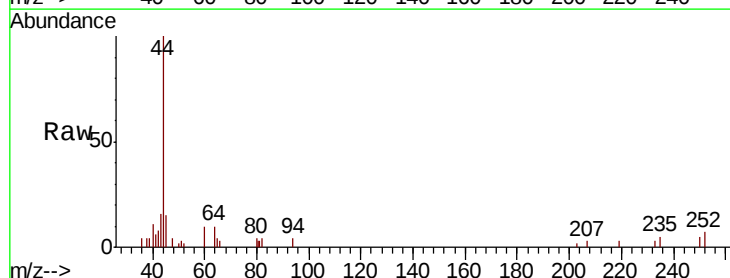
Acq: 31 Jul 2018 16:56

Tgt Ion: 94 Resp: 158

Ion Ratio Lower Upper

94 100

96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.54

300

250

200

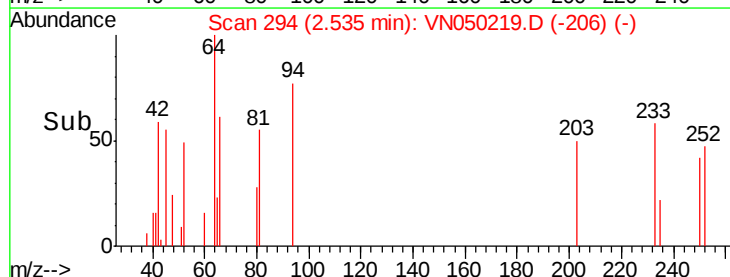
150

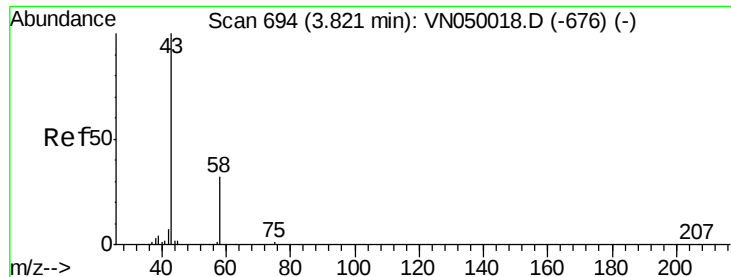
100

50

0

Time-->





#16

Acetone

Concen: 16.42 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampled :

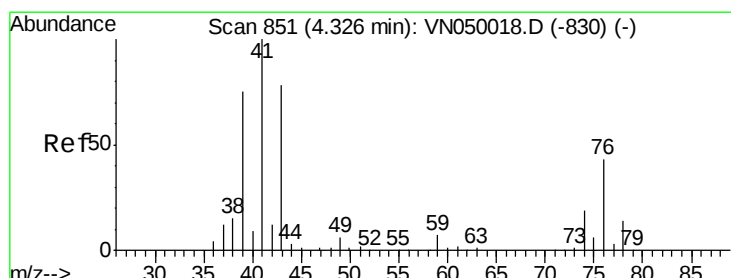
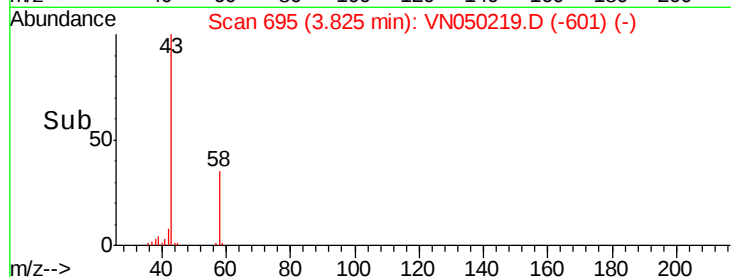
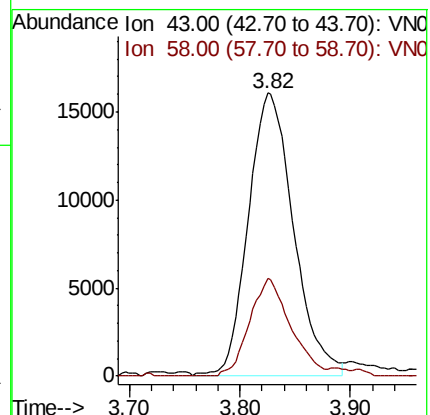
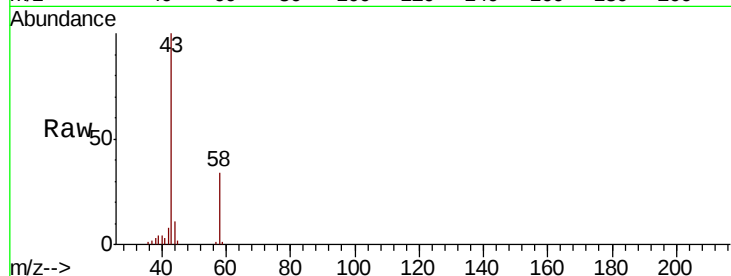
MW-6BDL

Tot Ion: 43 Resp: 45864

Ion Ratio Lower Upper

43 100

58 34.5 25.8 38.8



#18

Methyl Acetate

Concen: 0.36 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050219.D

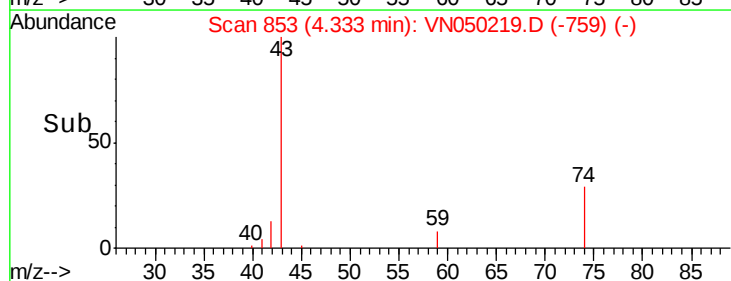
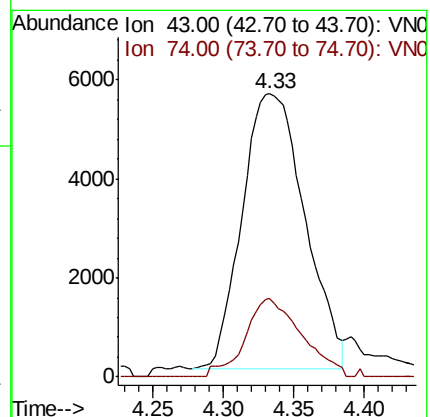
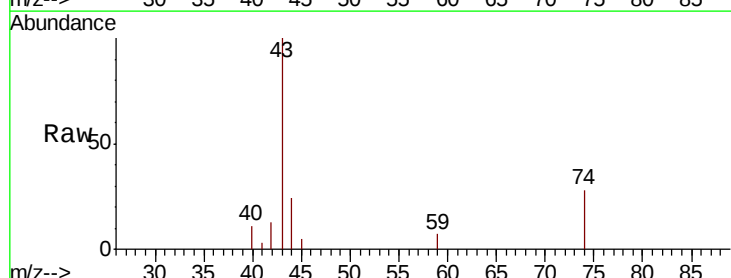
Acq: 31 Jul 2018 16:56

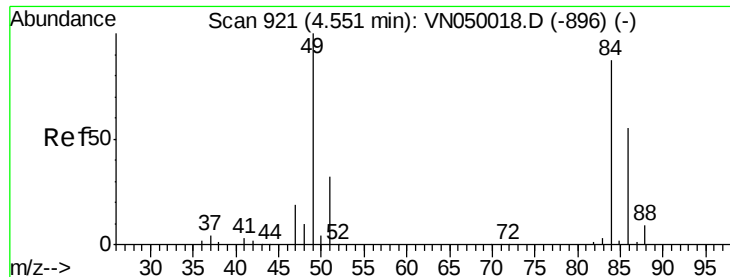
Tgt Ion: 43 Resp: 17219

Ion Ratio Lower Upper

43 100

74 25.6 19.2 28.8

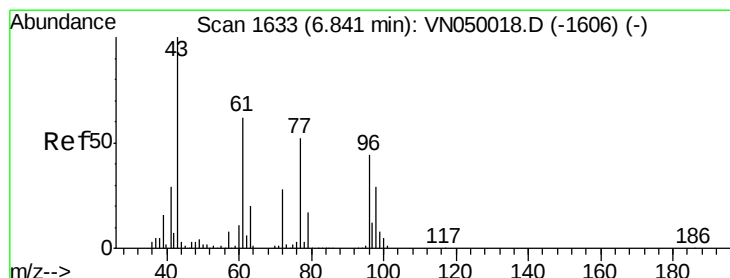
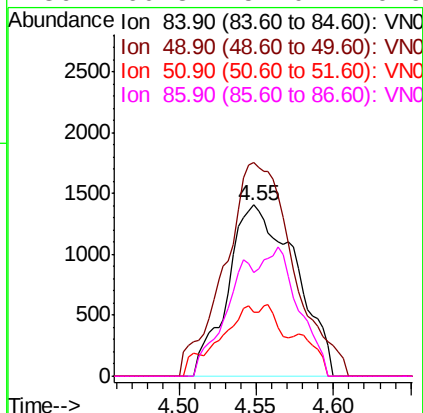
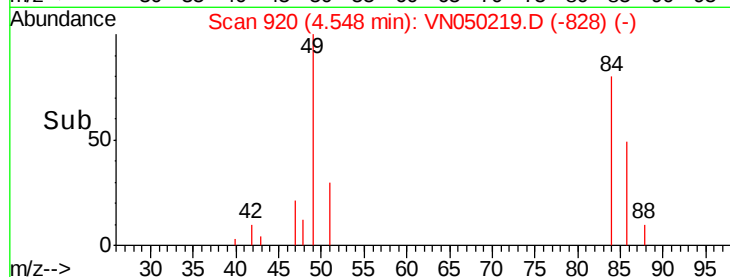
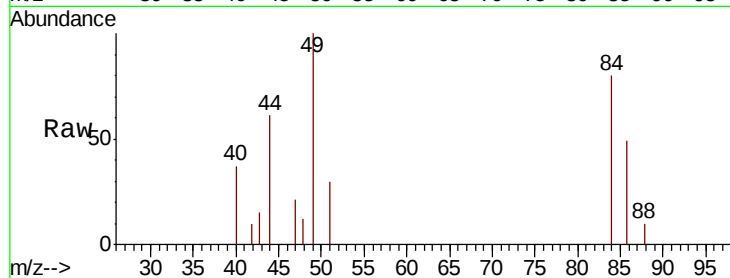




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

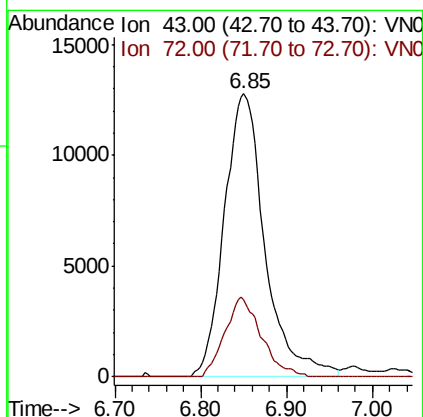
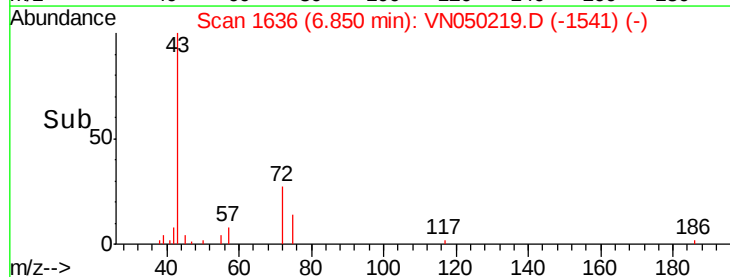
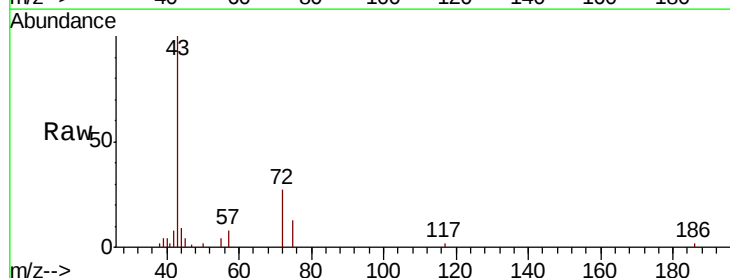
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

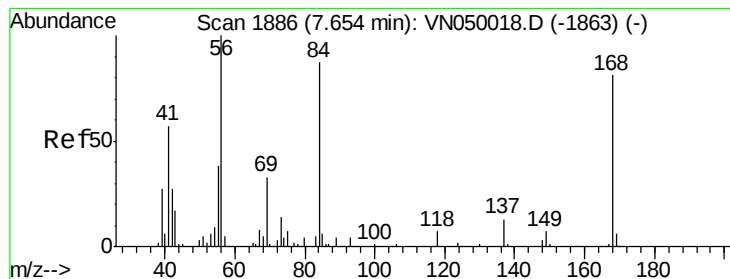
Tot Ion: 84 Resp: 4256
Ion Ratio Lower Upper
84 100
49 110.3 94.8 142.2
51 37.7 28.3 42.5
86 60.8 51.0 76.6



#25
2-Butanone
Concen: 11.56 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Tgt Ion: 43 Resp: 41932
Ion Ratio Lower Upper
43 100
72 27.1 21.5 32.3





#31

Cyclohexane

Concen: 0.96 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampled :

MW-6BDL

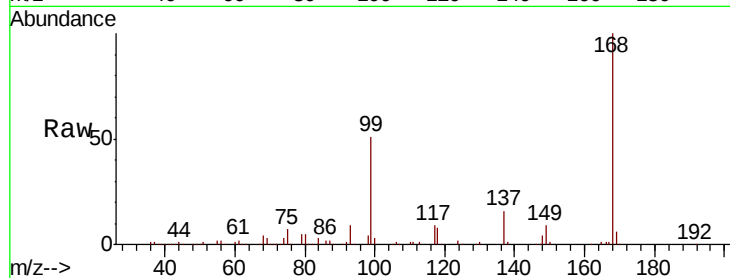
Tot Ion: 56 Resp: 13508

Ion Ratio Lower Upper

56 100

69 174.1 26.2 39.4#

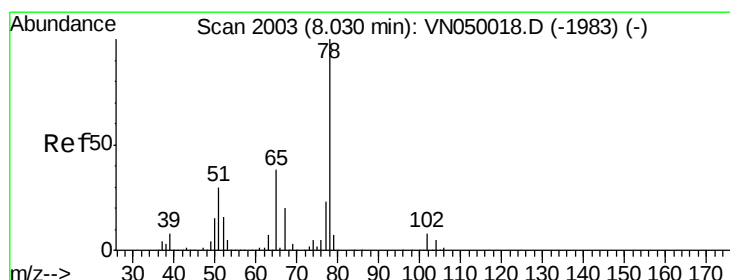
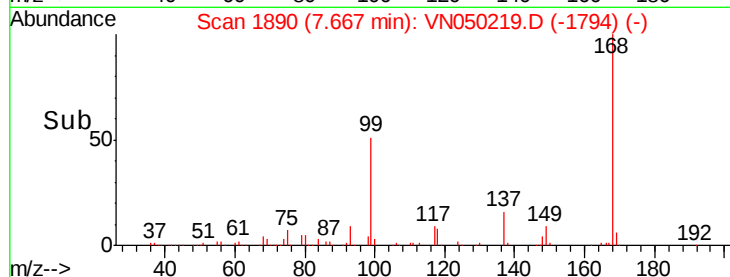
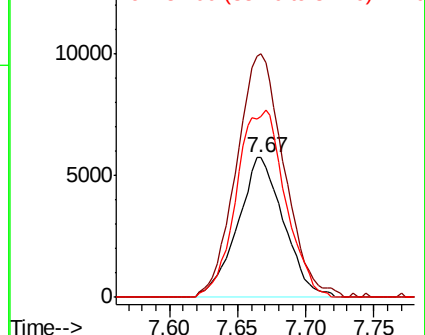
84 129.2 67.4 101.0#



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: 48.78 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050219.D

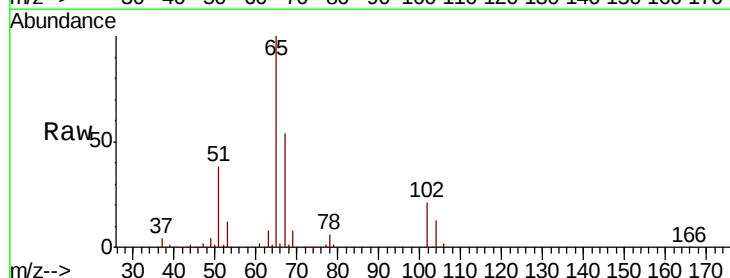
Acq: 31 Jul 2018 16:56

Tgt Ion: 65 Resp: 463910

Ion Ratio Lower Upper

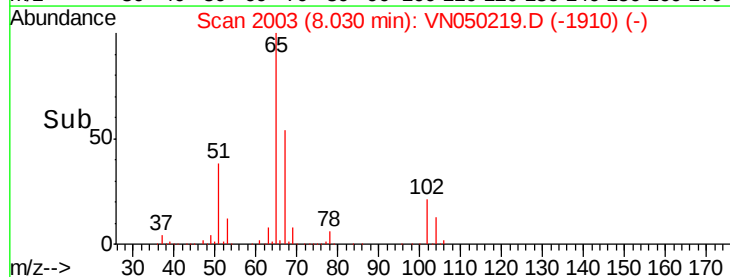
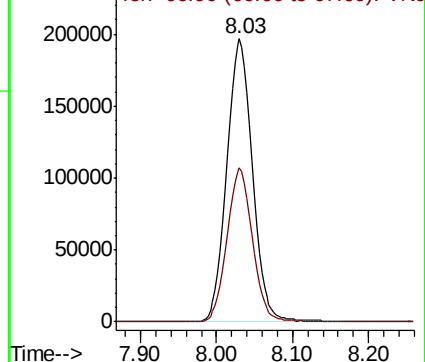
65 100

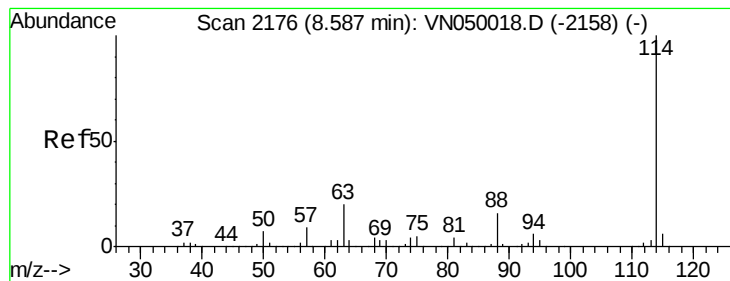
67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050219.D

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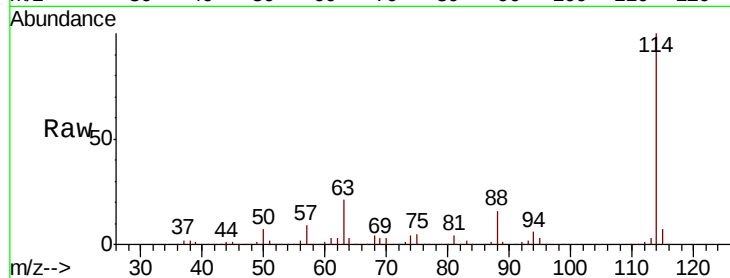
Tot Ion:114 Resp: 1101256

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

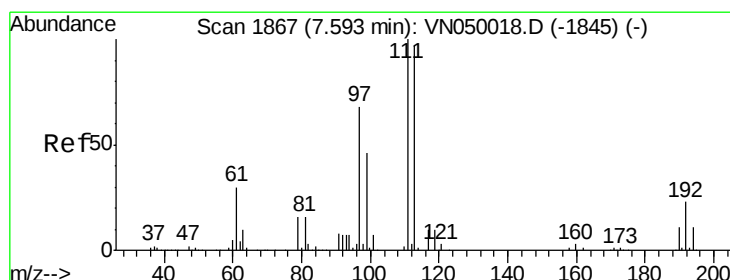
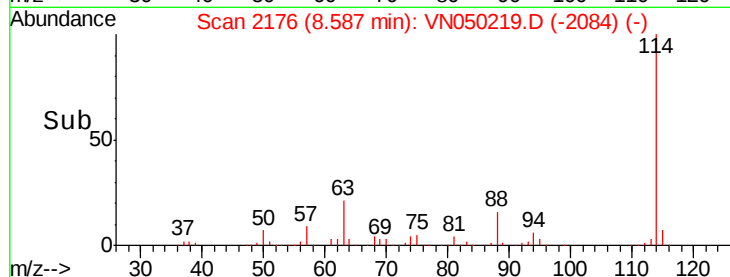
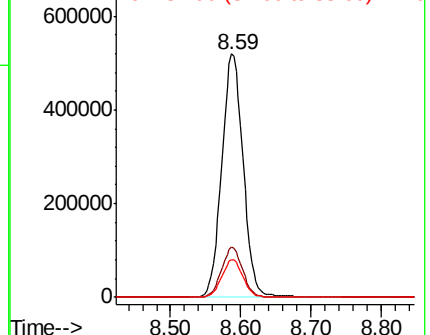
88 15.5 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.46 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

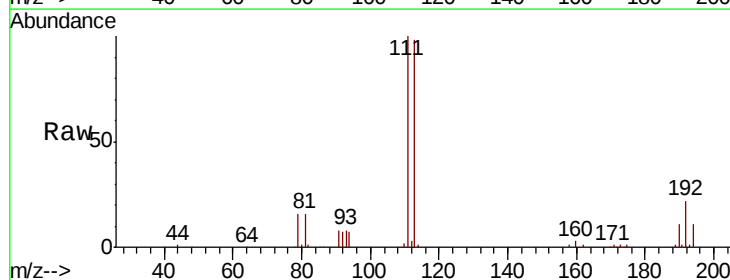
Tgt Ion:113 Resp: 417701

Ion Ratio Lower Upper

113 100

111 103.4 80.7 121.1

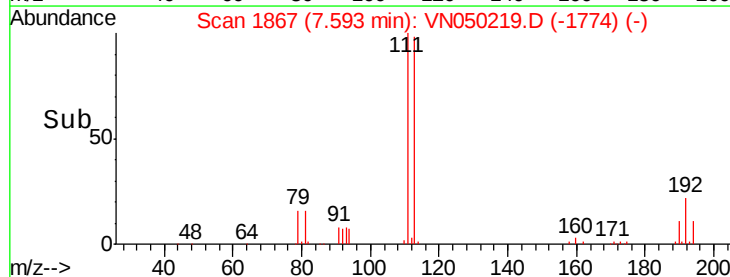
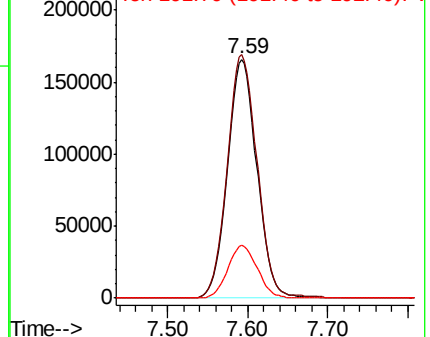
192 22.2 17.8 26.6

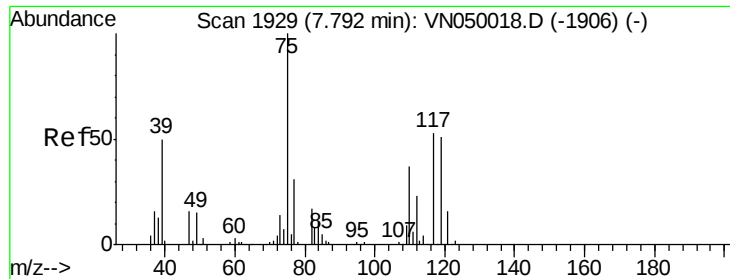


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

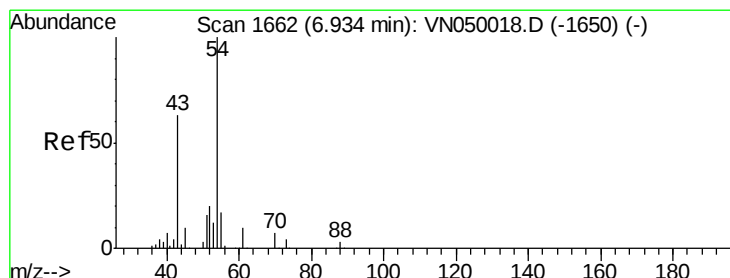
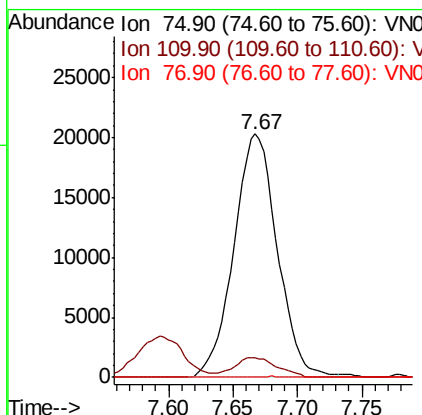
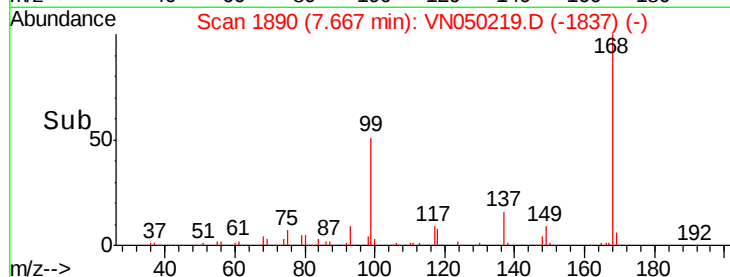
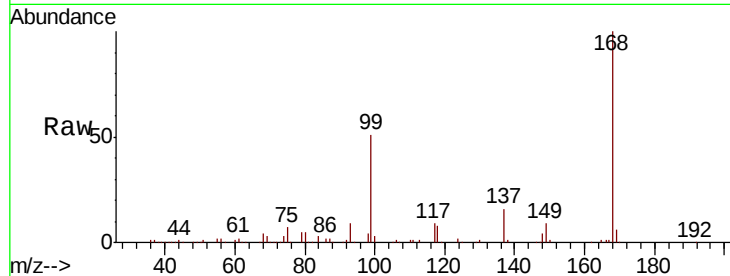




#36
 1,1-Dichloropropene
 Concen: 3.83 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

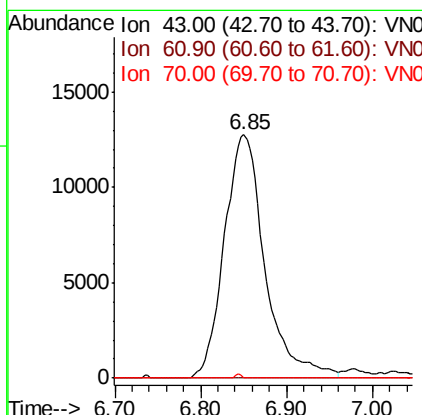
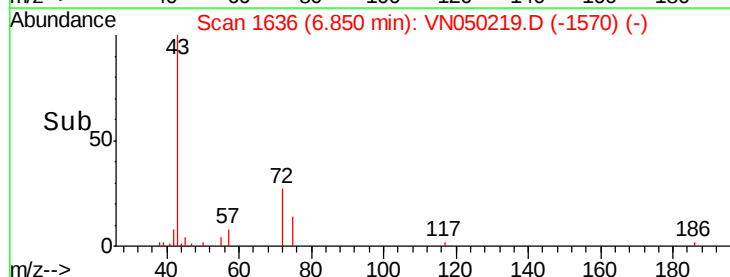
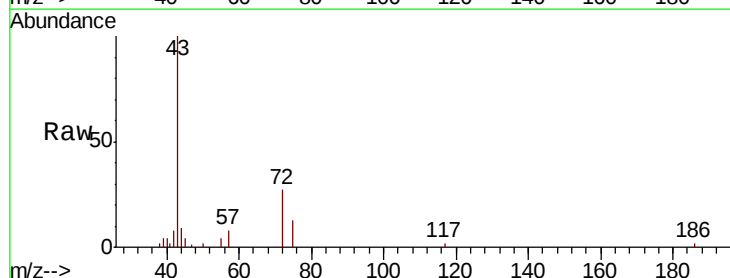
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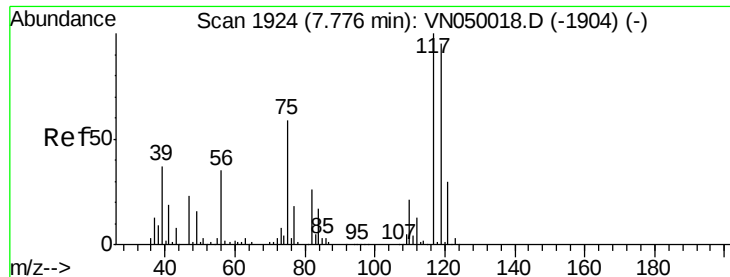
Tot Ion: 75 Resp: 47533
 Ion Ratio Lower Upper
 75 100
 110 8.0 18.4 55.2#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 4.85 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. -0.09 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

Tgt Ion: 43 Resp: 41932
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.8#
 70 0.2 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.67 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampled :

MW-6BDL

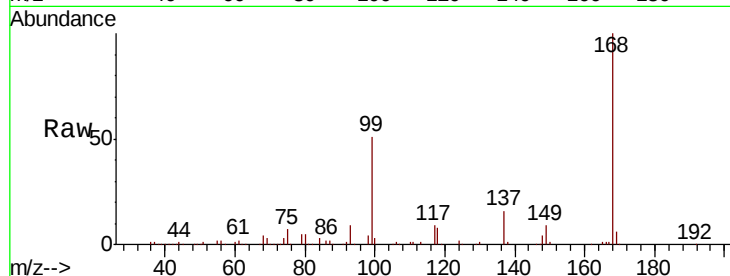
Tot Ion:117 Resp: 61465

Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

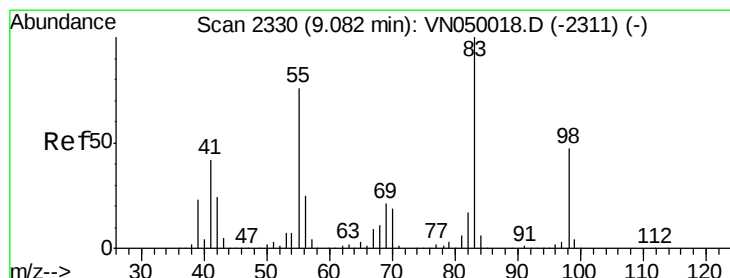
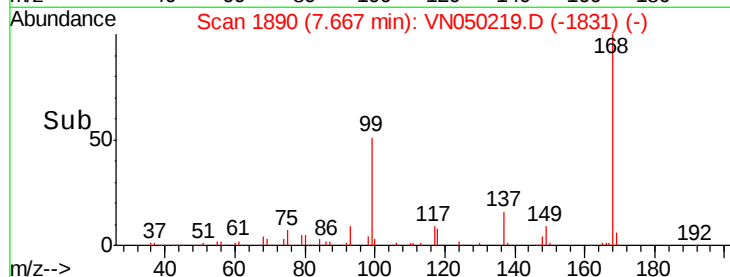
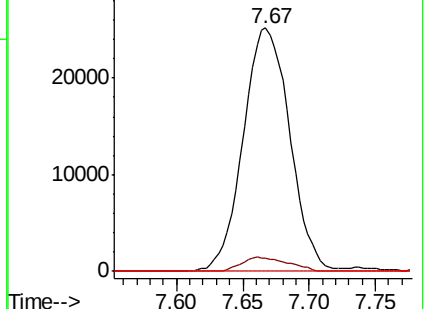
121 0.0 23.9 35.9#



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: 0.28 ug/l

RT: 9.09 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

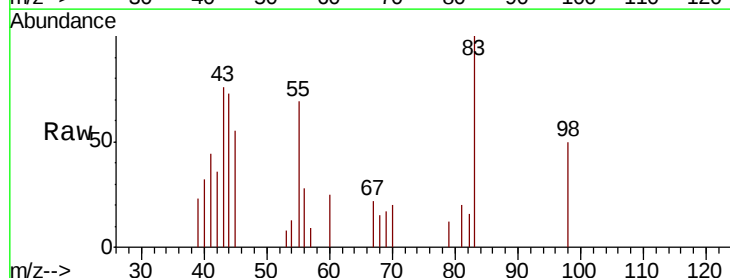
Tgt Ion: 83 Resp: 3637

Ion Ratio Lower Upper

83 100

55 69.4 61.8 92.8

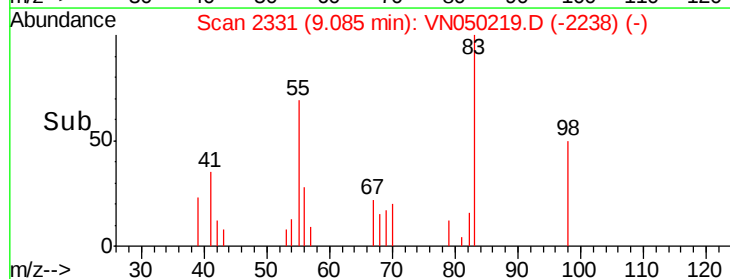
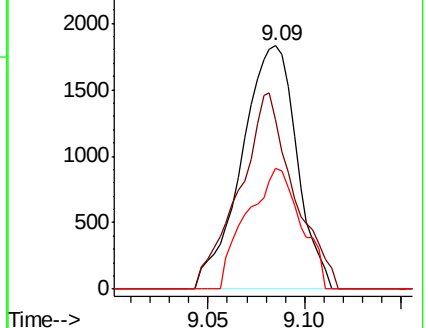
98 49.8 36.5 54.7

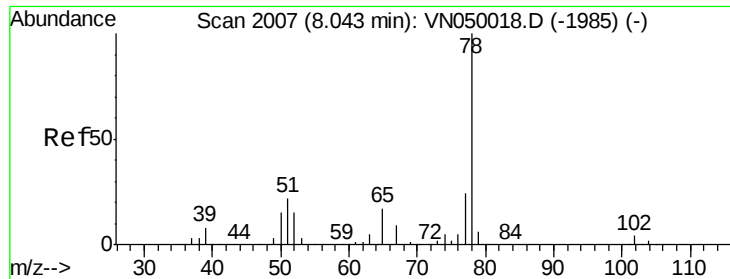


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 0.96 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

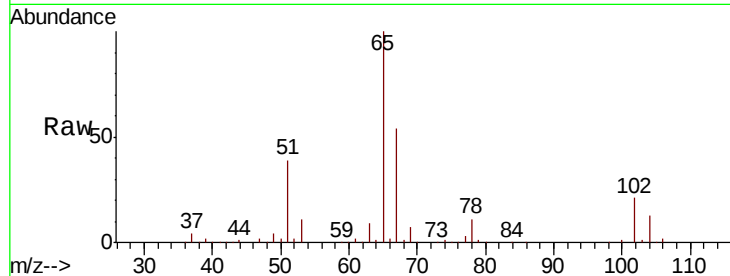
MW-6BDL

Tot Ion: 78 Resp: 36229

Ion Ratio Lower Upper

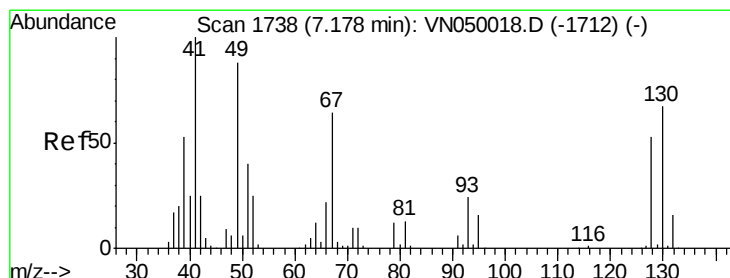
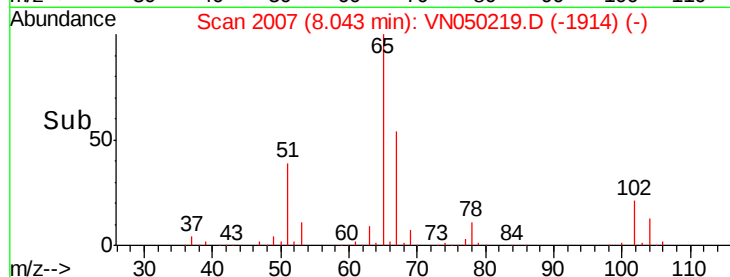
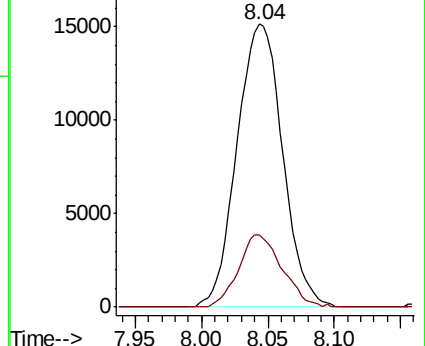
78 100

77 25.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 2.86 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.04 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Tgt Ion: 41 Resp: 531

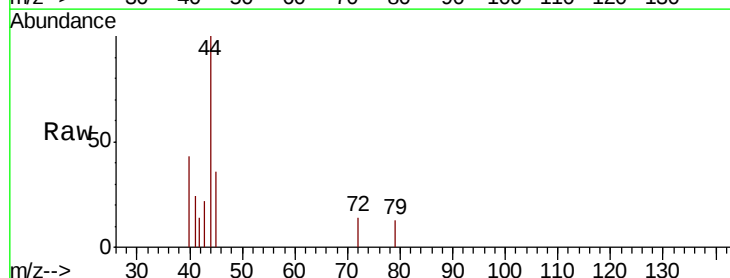
Ion Ratio Lower Upper

41 100

39 17.1 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

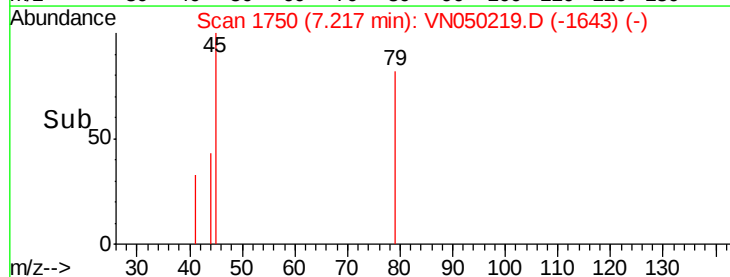
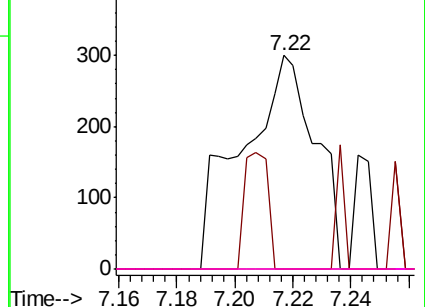


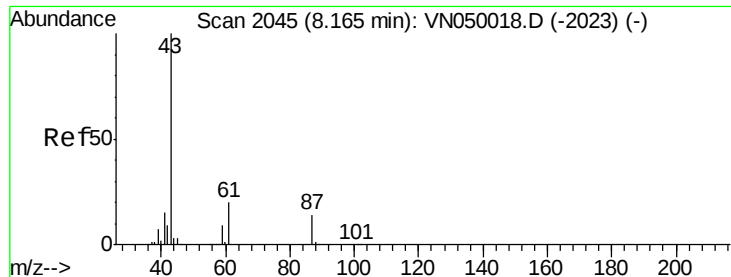
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



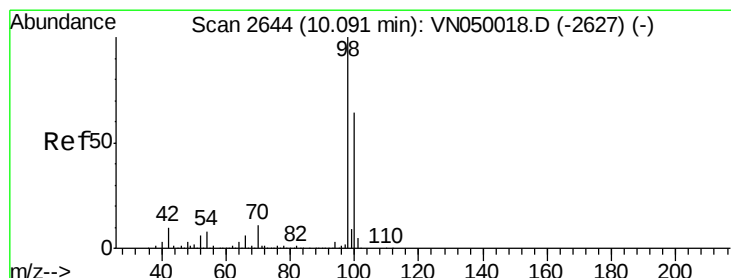
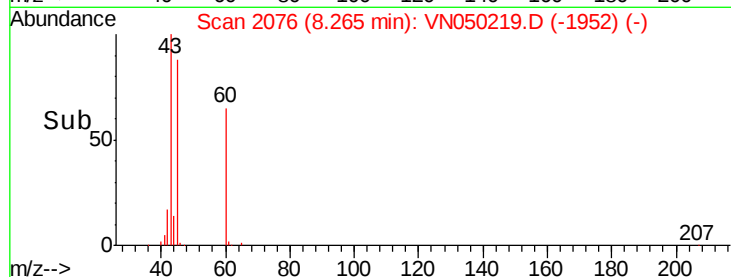
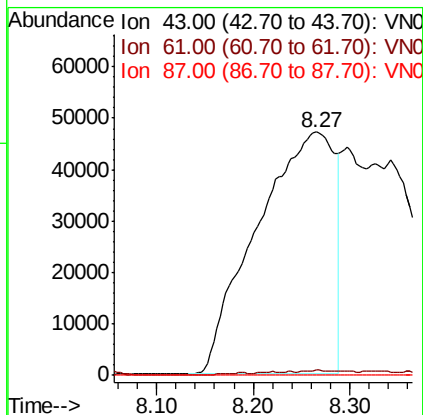
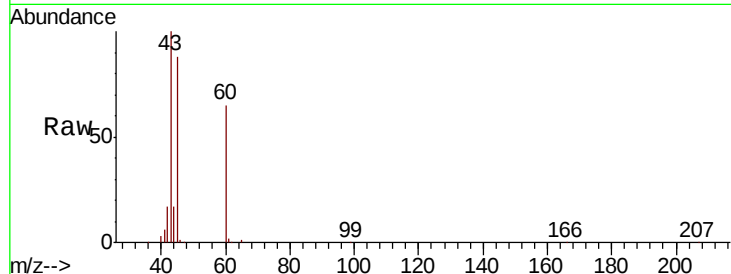


#43

Isopropyl Acetate
 Concen: 15.30 ug/l
 RT: 8.27 min Scan# 2076
 Delta R.T. 0.10 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

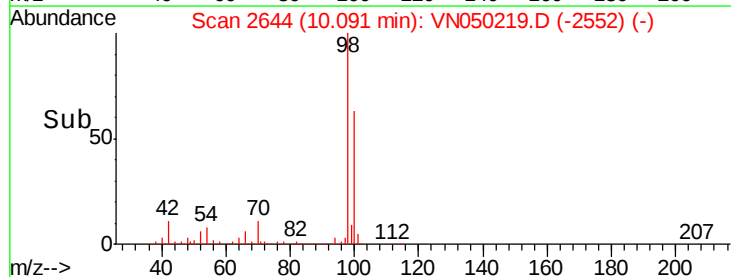
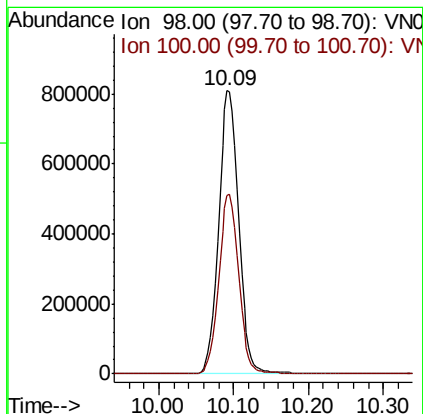
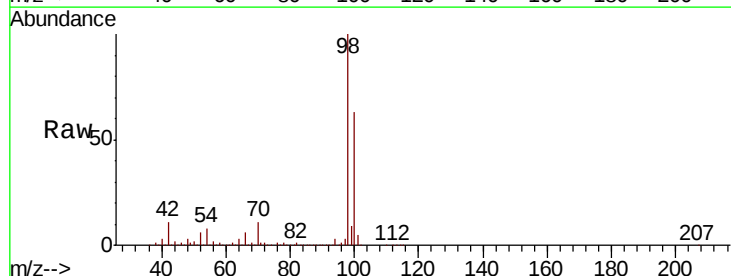
Tot Ion: 43 Resp: 262232
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.8 23.6#
 87 0.0 10.3 15.5#

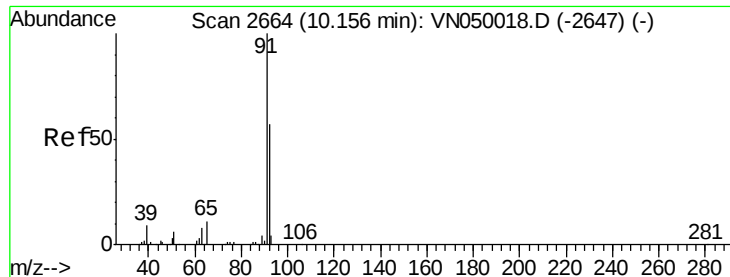


#50

Toluene-d8
 Concen: 45.35 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

Tgt Ion: 98 Resp: 1499142
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.7 76.1





#52

Toluene

Concen: 8.97 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampled :

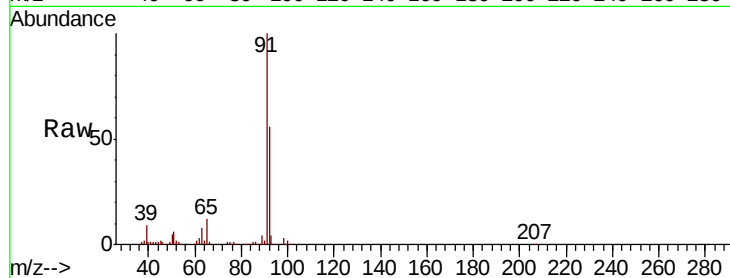
MW-6BDL

Tot Ion: 92 Resp: 199840

Ion Ratio Lower Upper

92 100

91 175.1 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

150000

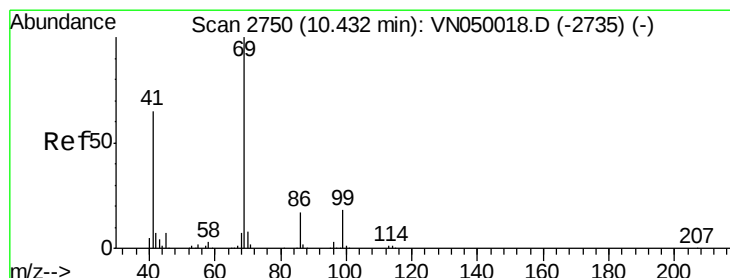
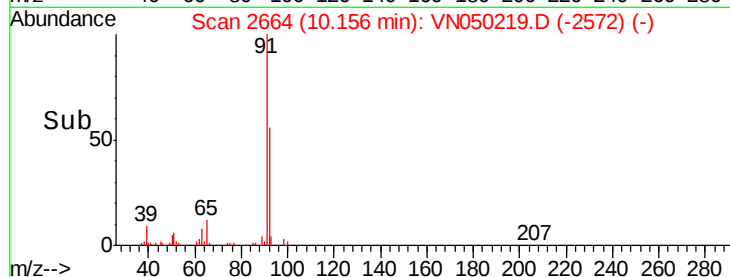
100000

50000

0

10.10 10.20 10.30

Time-->



#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.42 min Scan# 2747

Delta R.T. -0.01 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

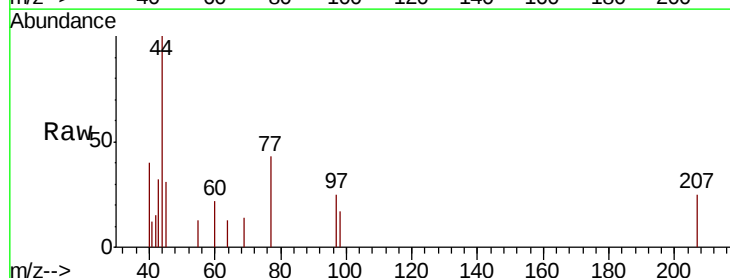
Tgt Ion: 69 Resp: 130

Ion Ratio Lower Upper

69 100

41 218.5 51.0 76.4#

39 0.0 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

300

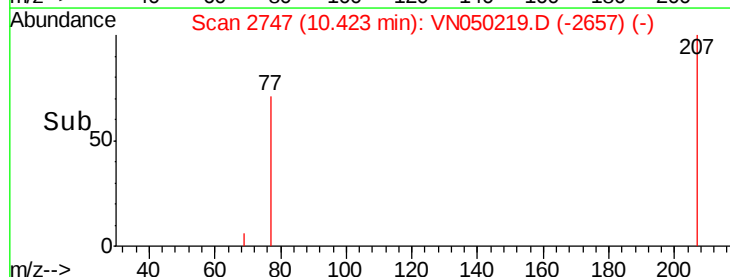
200

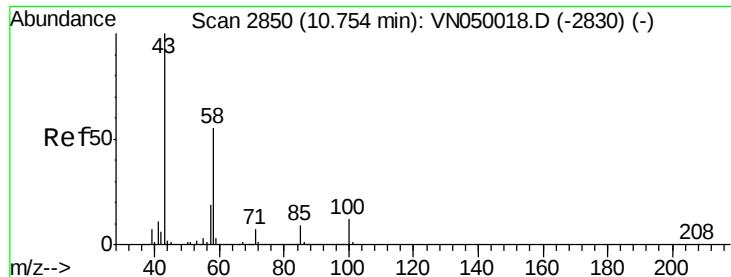
100

0

10.42 10.44

Time-->

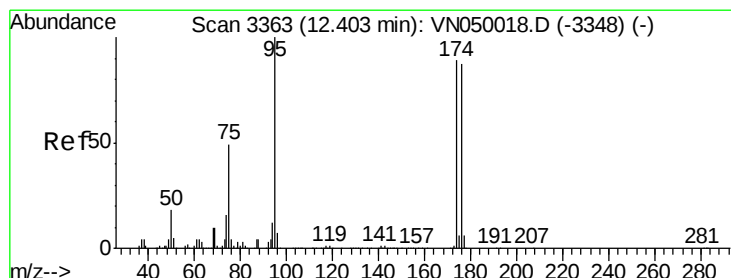
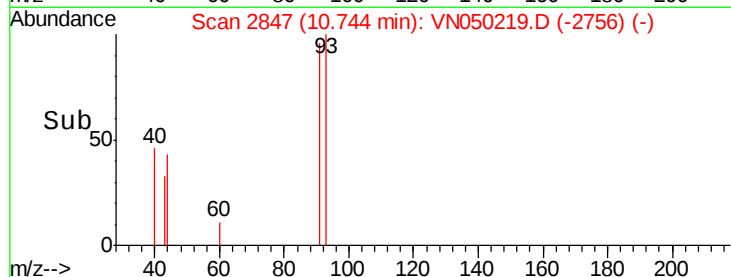
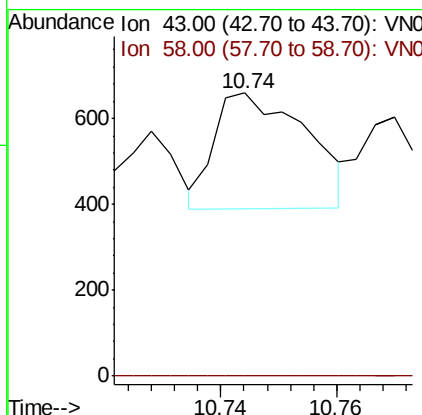
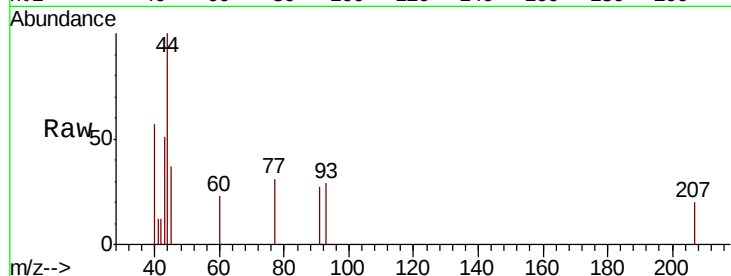




#59
2-Hexanone
Concen: 5.22 ug/l
RT: 10.74 min Scan# 2847
Delta R.T. -0.01 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

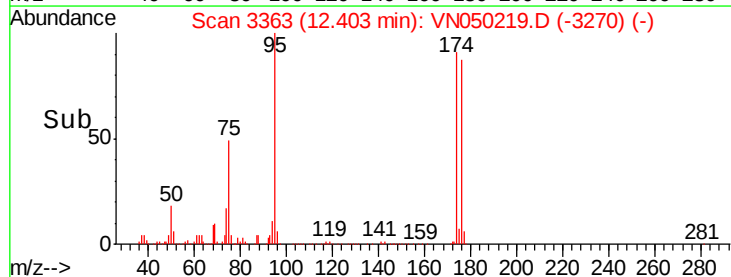
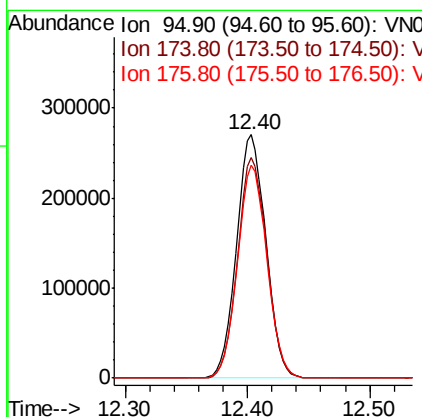
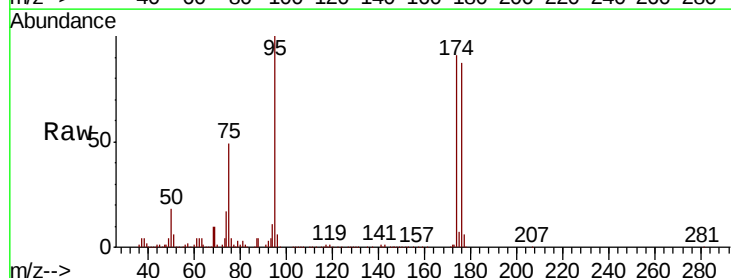
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

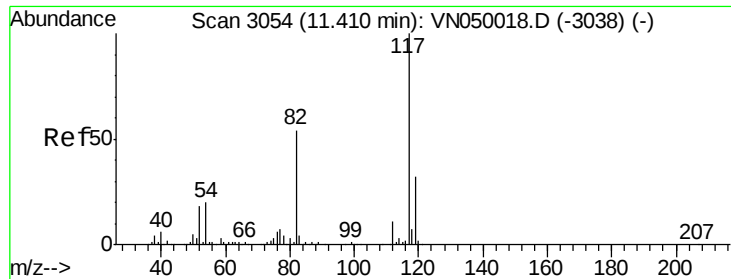
Tot Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
58 0.0 27.6 82.7#



#62
4-Bromofluorobenzene
Concen: 41.25 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Tgt Ion: 95 Resp: 448961
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.2
176 87.2 0.0 173.4

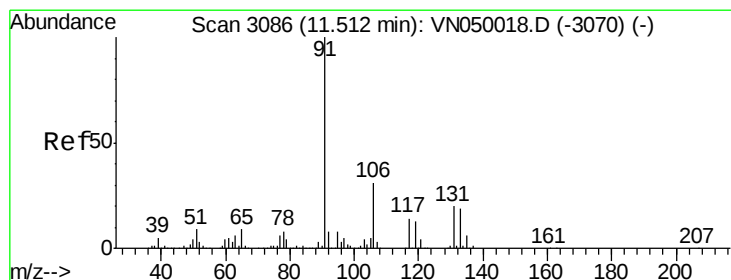
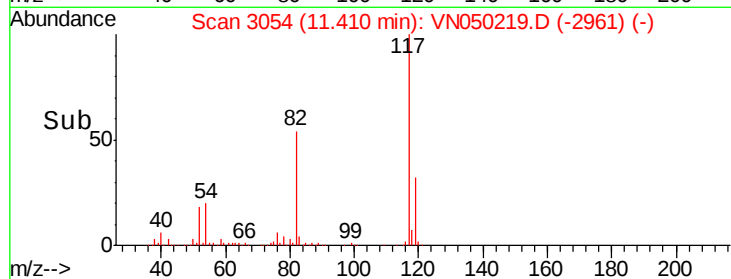
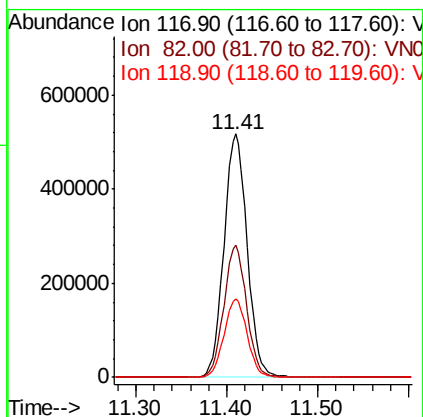
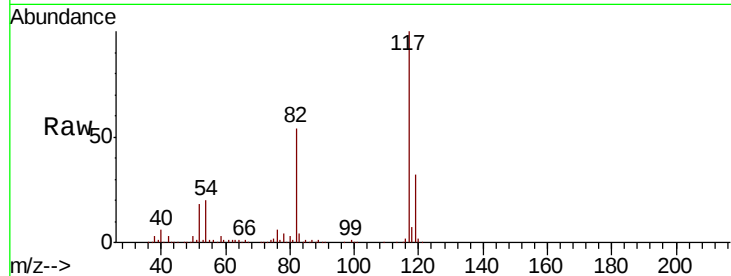




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

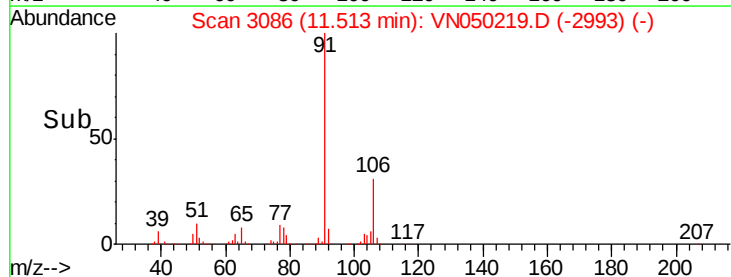
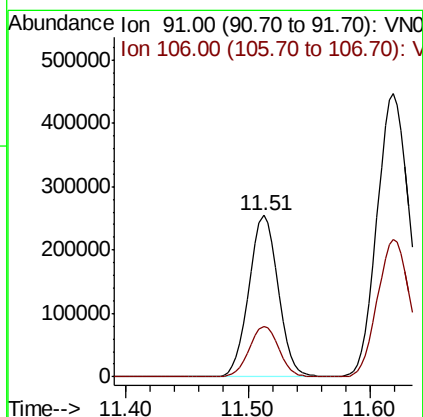
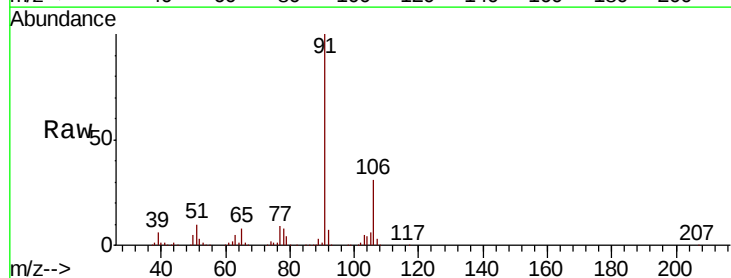
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

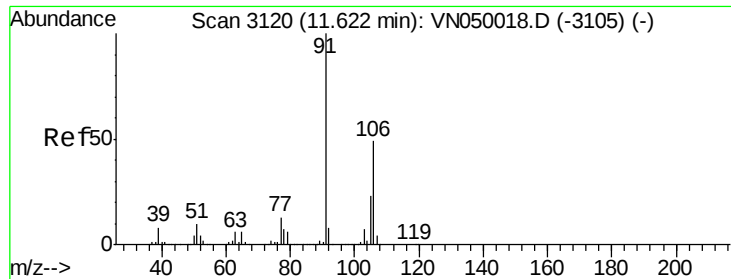
Tot Ion:117 Resp: 913333
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.5 26.1 39.1



#67
Ethyl Benzene
Concen: 11.34 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Tgt Ion: 91 Resp: 420431
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

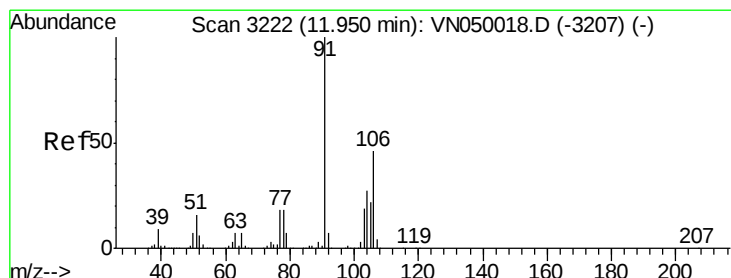
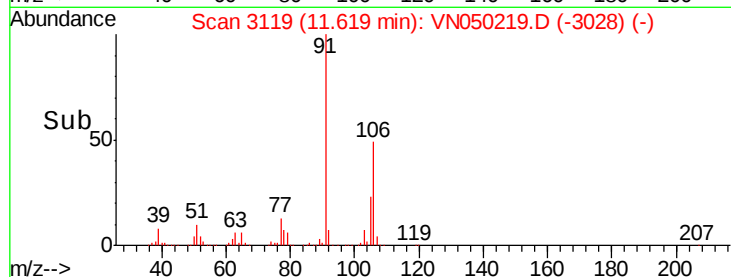
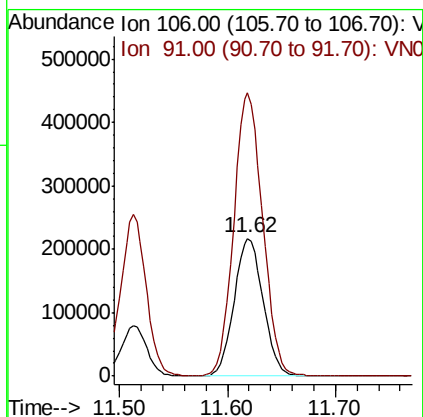
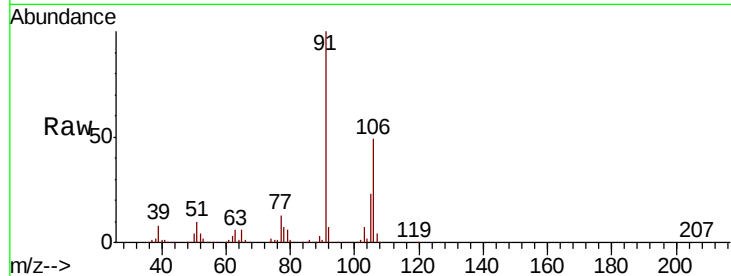




#68
m/p-Xylenes
Concen: 28.85 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

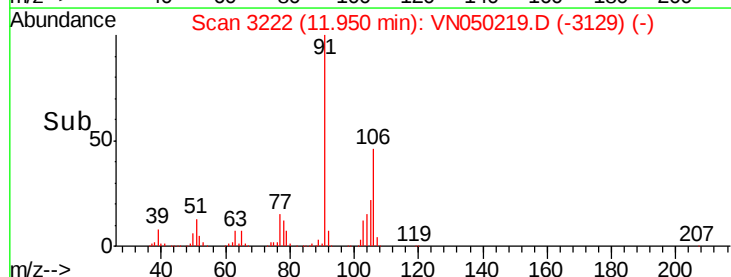
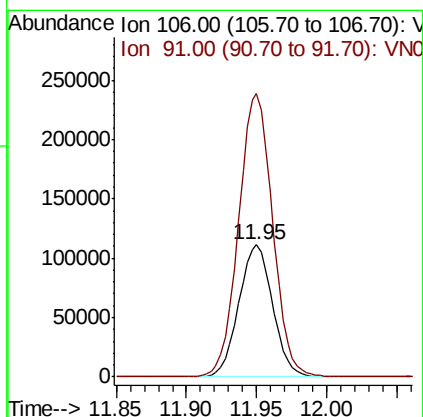
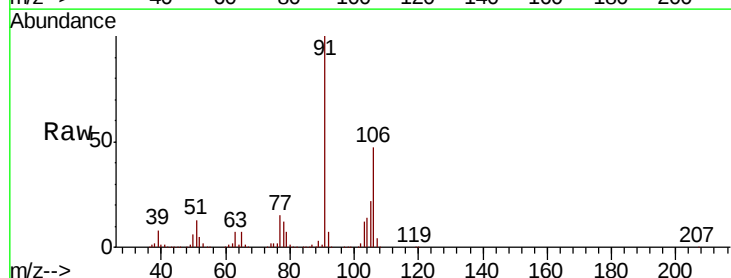
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

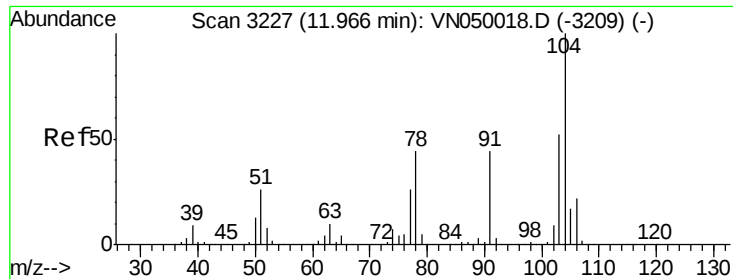
Tot Ion:106 Resp: 404384
Ion Ratio Lower Upper
106 100
91 205.3 162.2 243.2



#69
o-Xylene
Concen: 14.02 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Tgt Ion:106 Resp: 187287
Ion Ratio Lower Upper
106 100
91 213.8 107.7 323.1

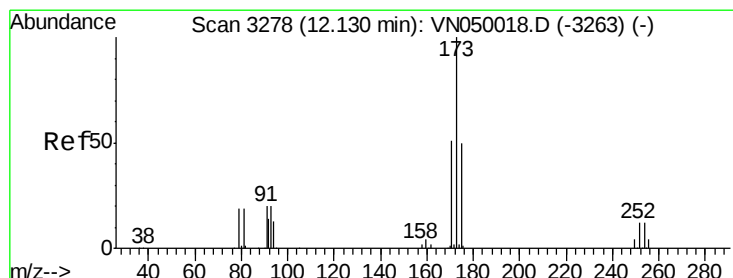
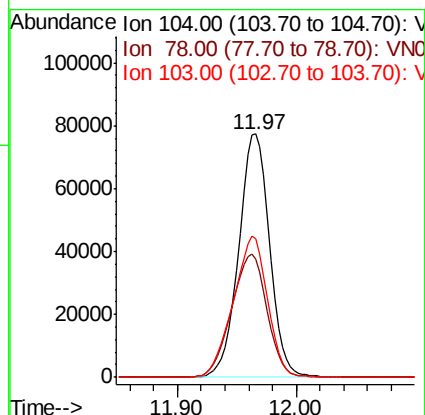
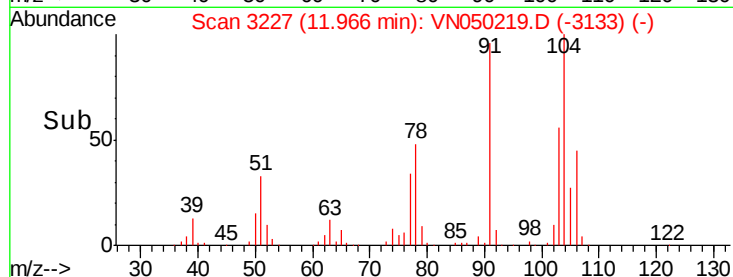
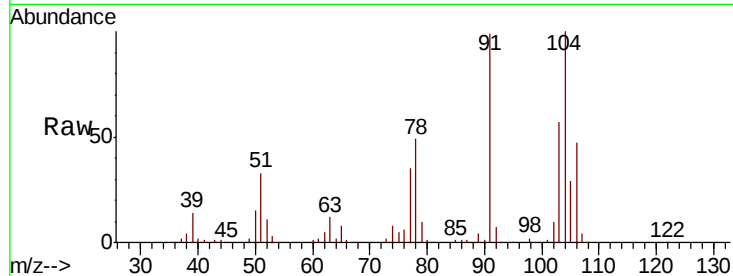




#70
Stvrene
Concen: 6.68 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

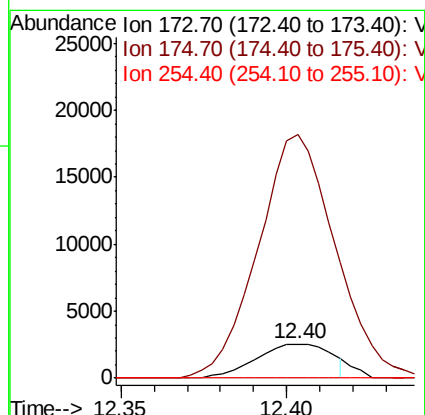
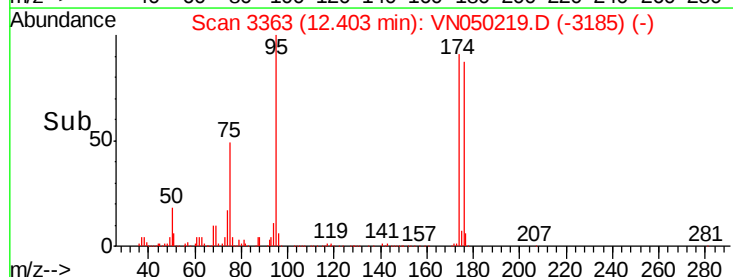
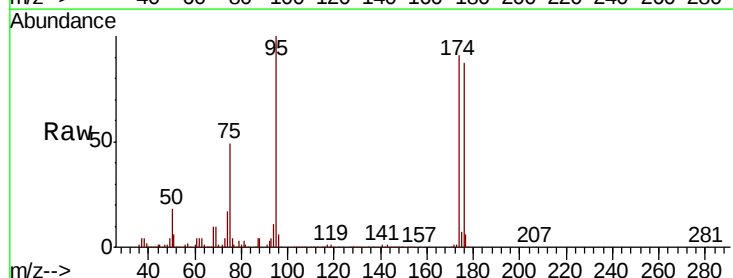
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

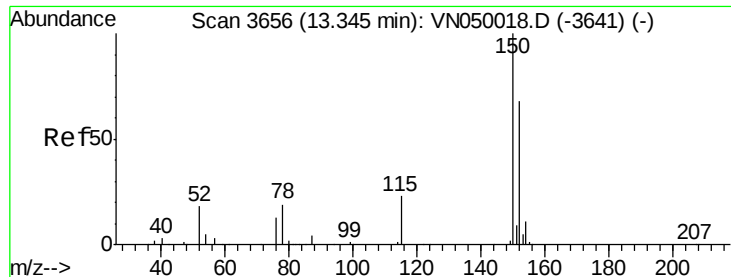
Tot Ion:104 Resp: 139273
Ion Ratio Lower Upper
104 100
78 58.3 39.3 58.9
103 64.2 45.0 67.6



#71
Bromoform
Concen: 0.62 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Tgt Ion:173 Resp: 4002
Ion Ratio Lower Upper
173 100
175 663.5 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

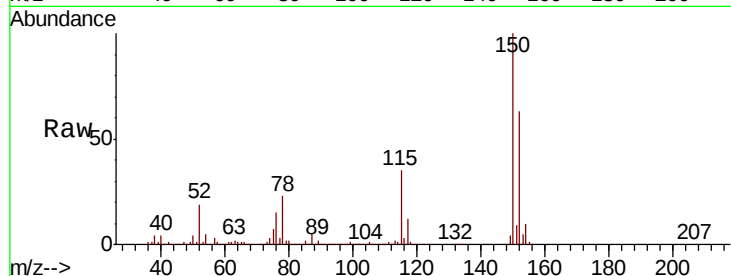
Tot Ion:152 Resp: 404991

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.3

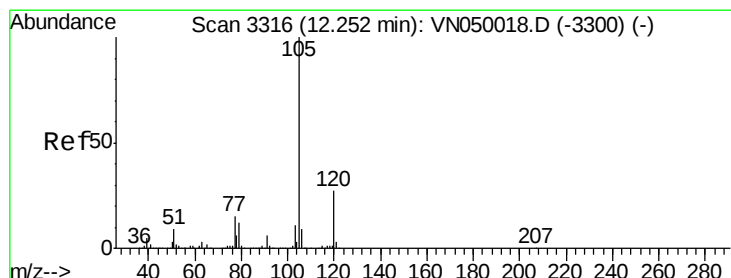
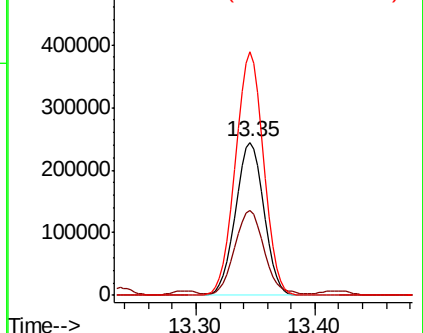
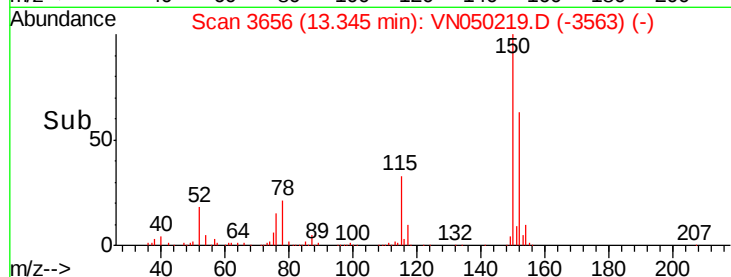
150 157.8 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.28 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050219.D

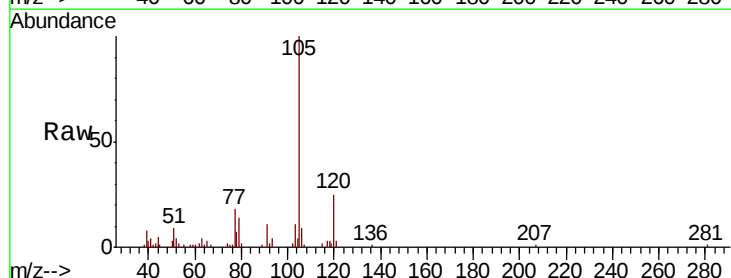
Acq: 31 Jul 2018 16:56

Tgt Ion:105 Resp: 40104

Ion Ratio Lower Upper

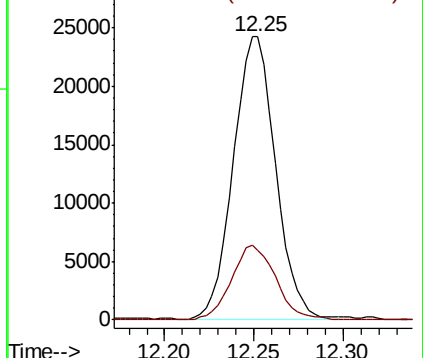
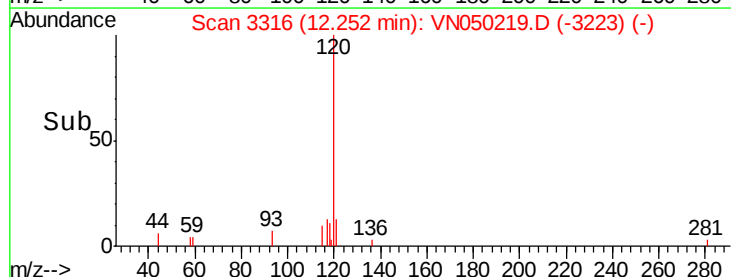
105 100

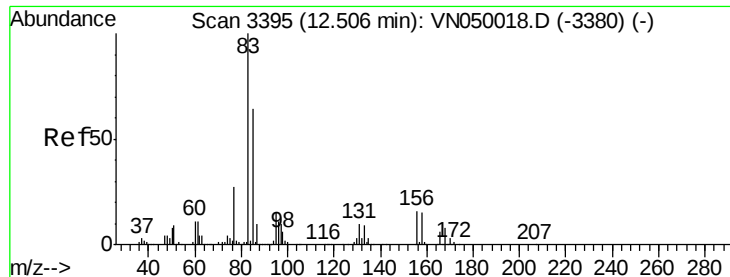
120 27.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3401

Delta R.T. 0.02 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

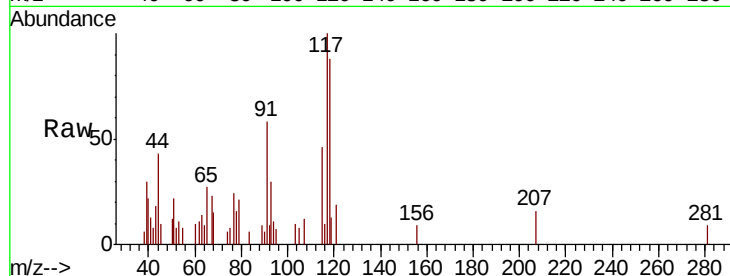
Tot Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

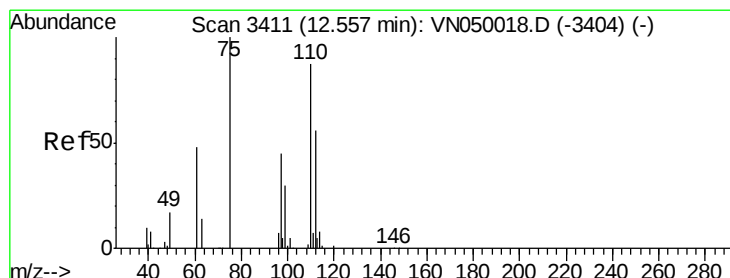
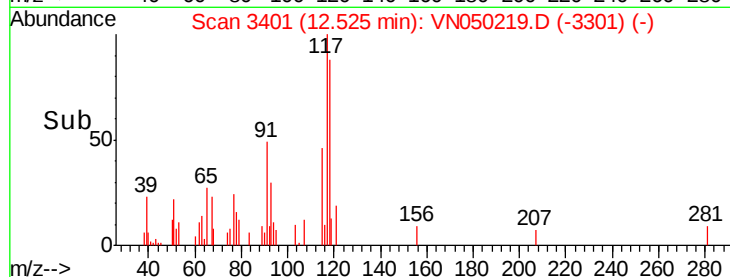
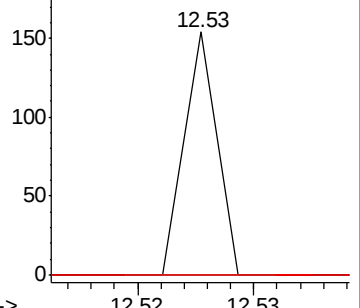
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050219.D

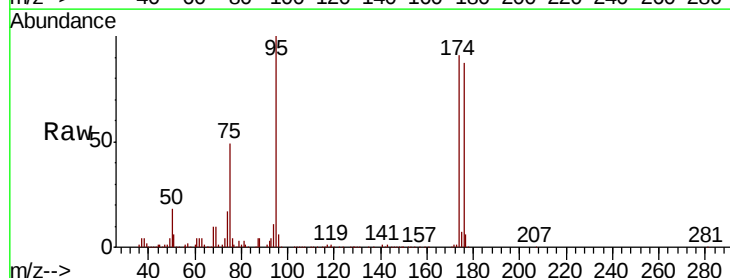
Acq: 31 Jul 2018 16:56

Tgt Ion: 75 Resp: 222319

Ion Ratio Lower Upper

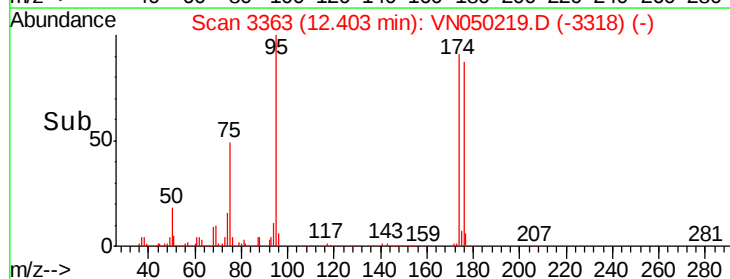
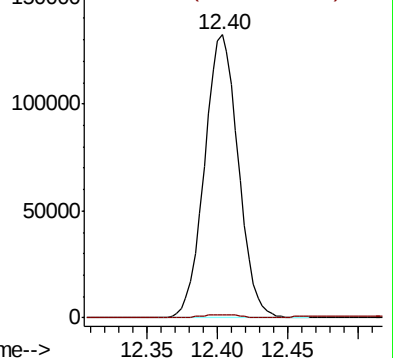
75 100

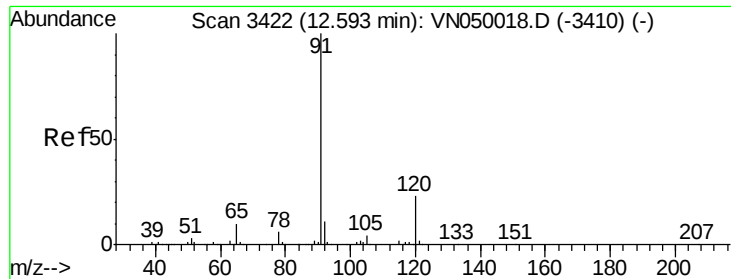
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

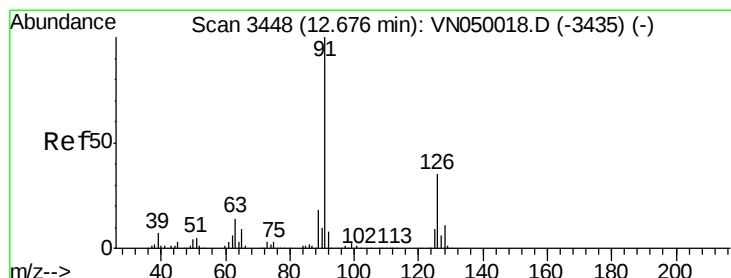
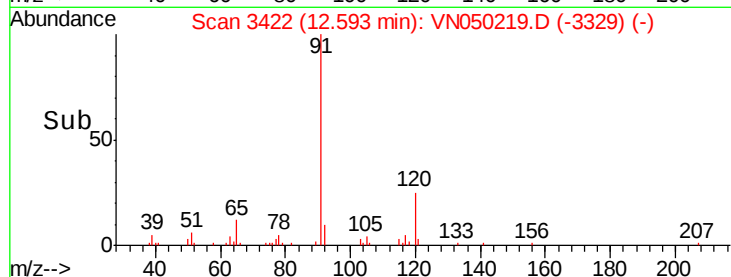
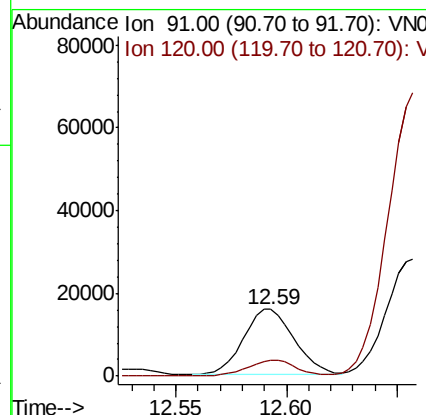
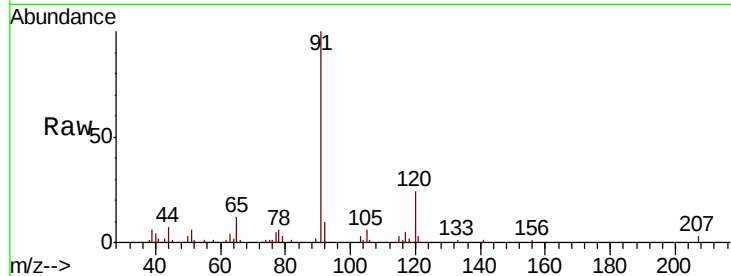




#78
n-propylbenzene
Concen: 0.72 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

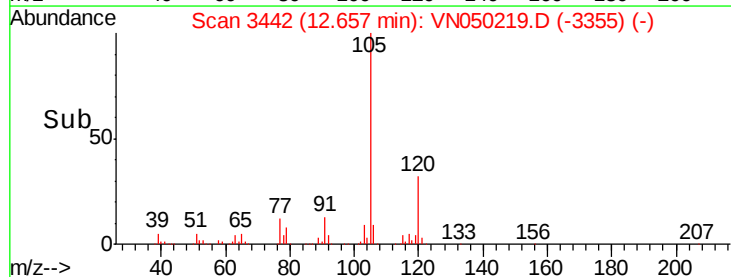
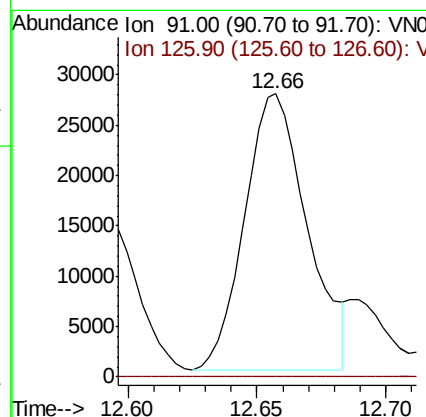
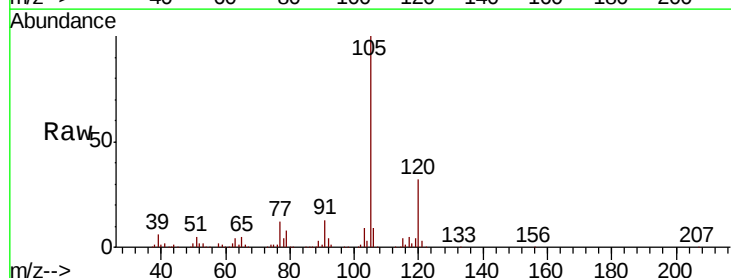
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

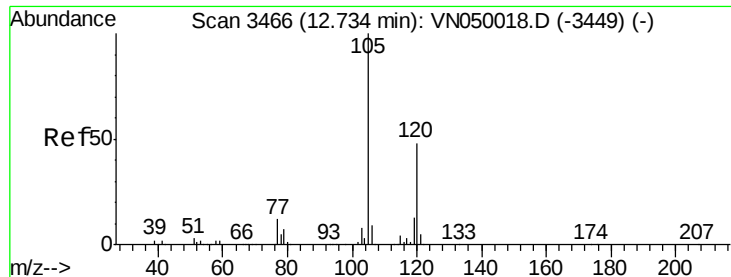
Tot Ion: 91 Resp: 25405
Ion Ratio Lower Upper
91 100
120 24.2 11.6 34.7



#79
2-Chlorotoluene
Concen: 2.14 ug/l
RT: 12.66 min Scan# 3442
Delta R.T. -0.02 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Tgt Ion: 91 Resp: 46543
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.8#





#80

1,3,5-Trimethylbenzene

Concen: 7.46 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

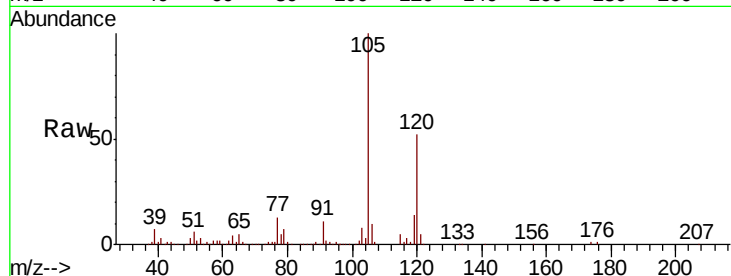
MW-6BDL

Tot Ion:105 Resp: 184261

Ion Ratio Lower Upper

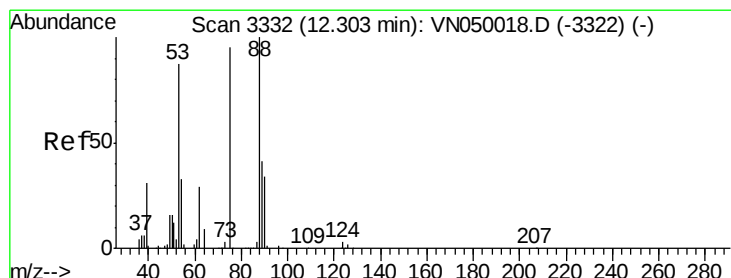
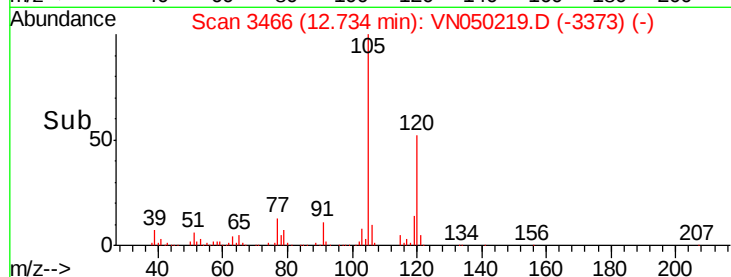
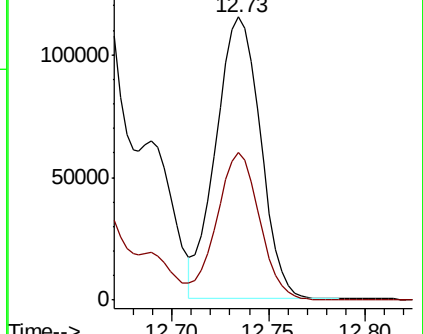
105 100

120 50.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 93.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

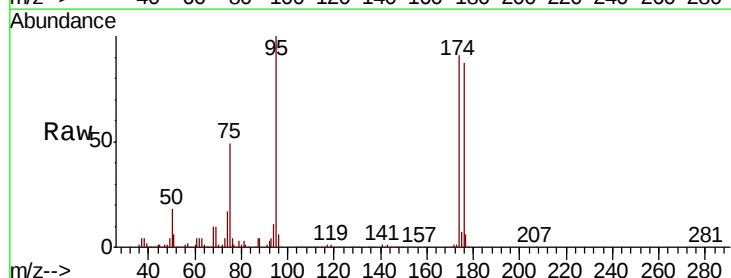
Tgt Ion: 75 Resp: 222319

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

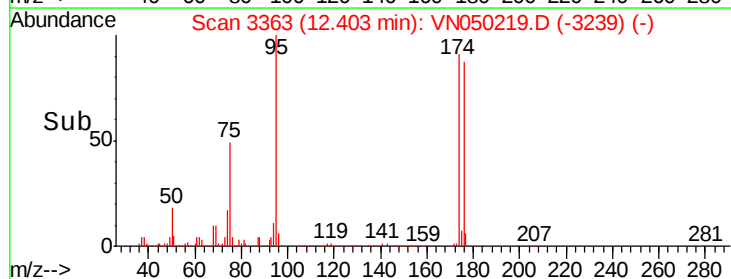
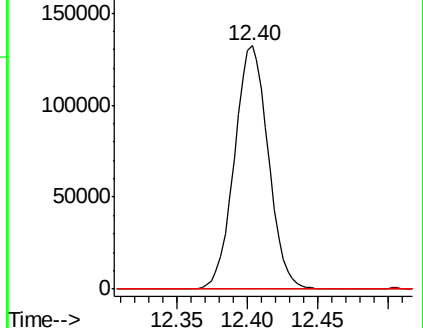
89 0.0 36.0 54.0#

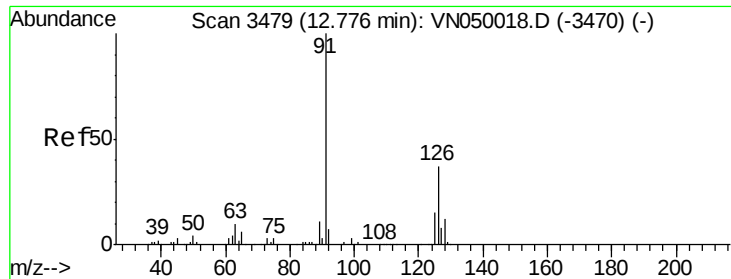


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.88 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

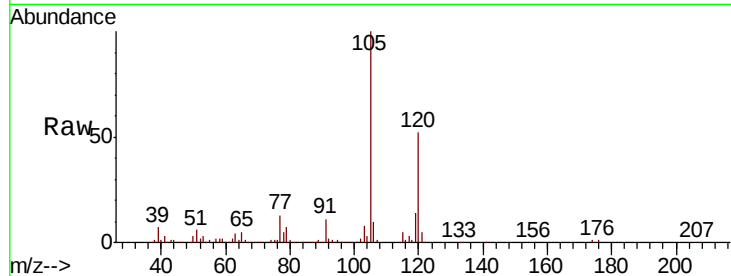
MW-6BDL

Tot Ion: 91 Resp: 18949

Ion Ratio Lower Upper

91 100

126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3470) (-)

Ion 125.90 (125.60 to 126.60): VN050018.D (-3470) (-)

15000

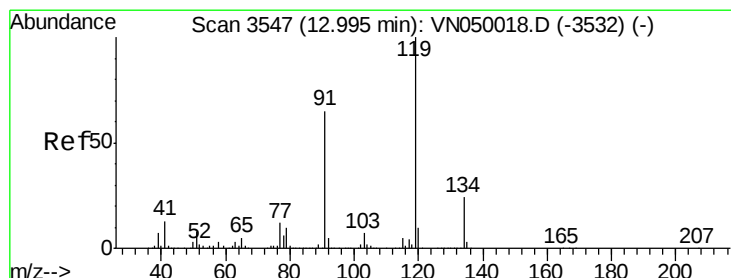
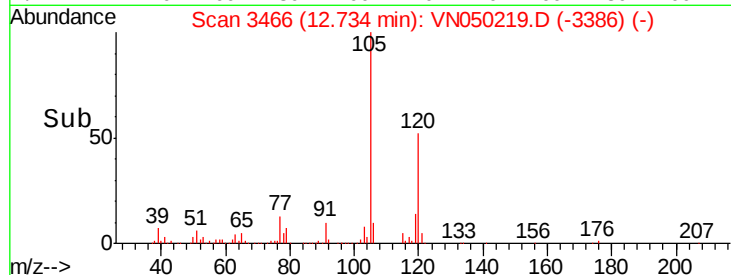
12000

5000

0

12.70 12.75 12.80

Time-->



#83

tert-Butylbenzene

Concen: 1.95 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

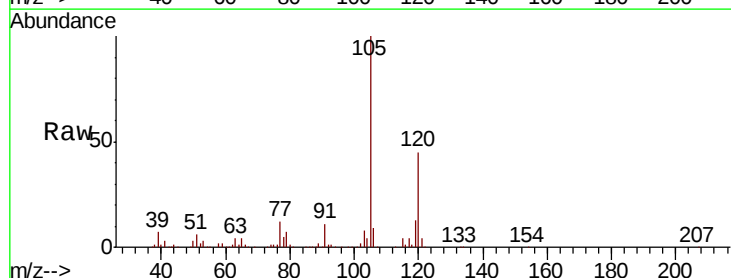
Tgt Ion: 119 Resp: 41998

Ion Ratio Lower Upper

119 100

91 97.8 32.1 96.3#

134 0.0 13.2 39.5#



Abundance Ion 119.00 (118.70 to 119.70): VN050018.D (-3532) (-)

Ion 91.00 (90.70 to 91.70): VN050018.D (-3532) (-)

Ion 134.00 (133.70 to 134.70): VN050018.D (-3532) (-)

60000

50000

40000

30000

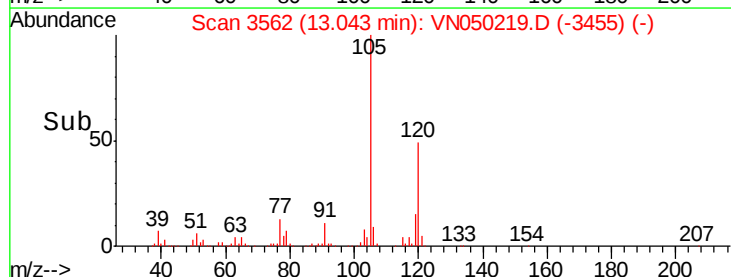
20000

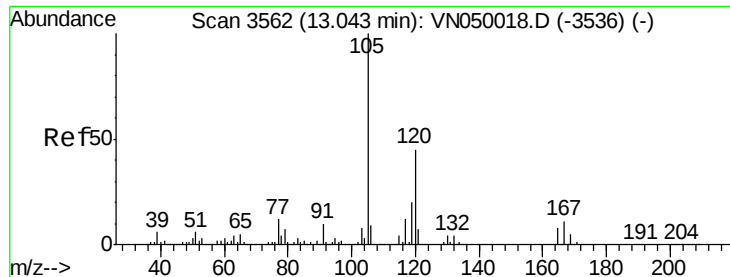
10000

0

13.00 13.05

Time-->

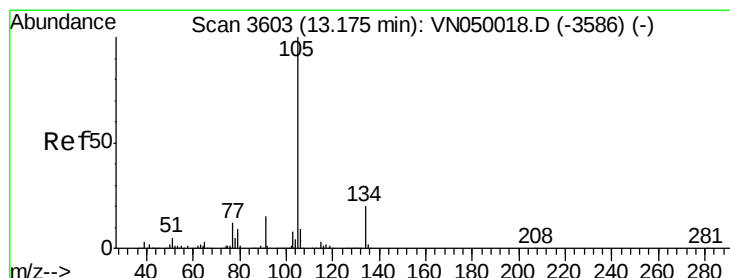
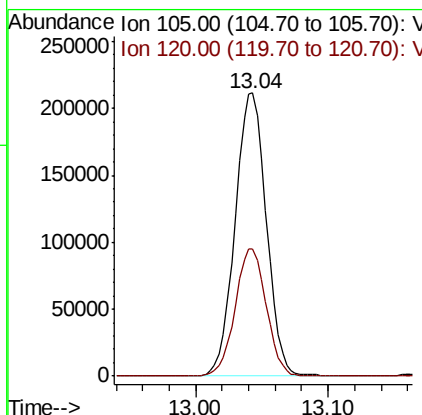
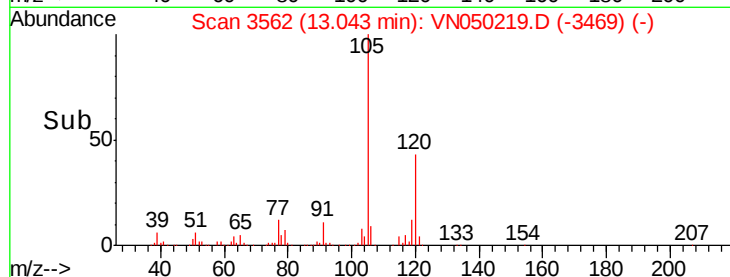
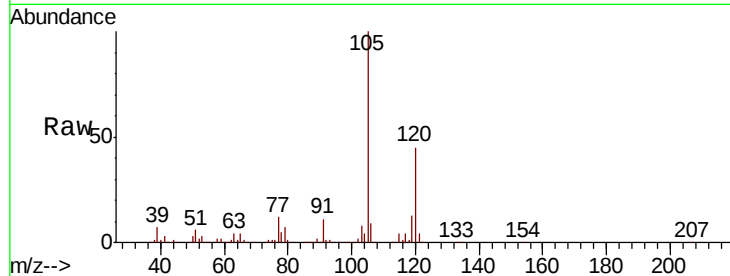




#84
 1,2,4-Trimethylbenzene
 Concen: 13.86 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

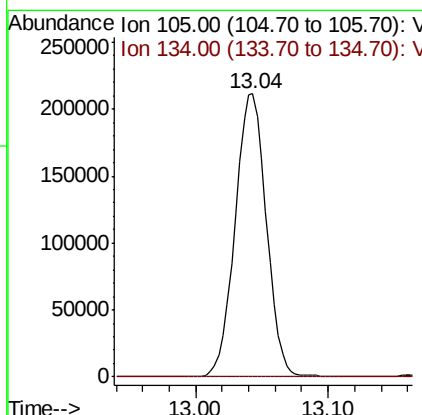
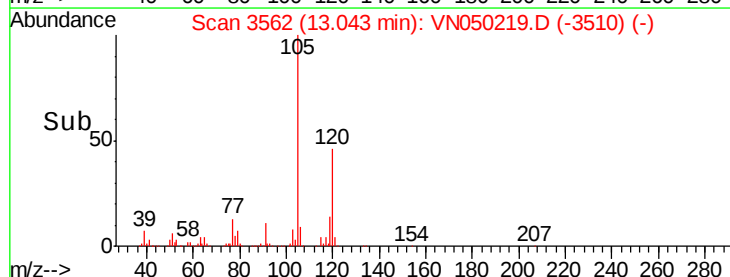
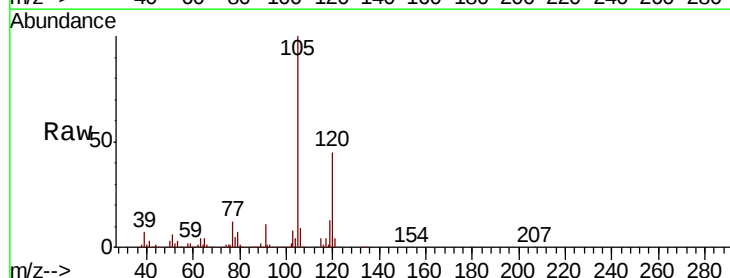
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

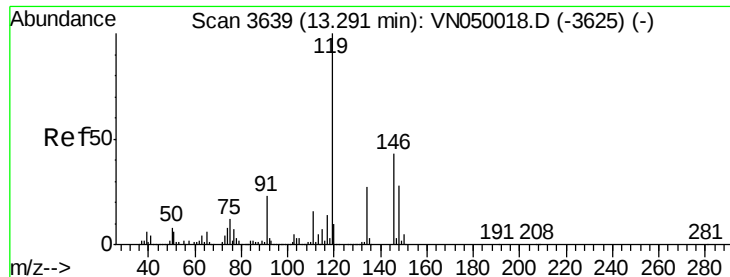
Tot Ion:105 Resp: 345032
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 11.98 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.13 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

Tgt Ion:105 Resp: 345032
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#

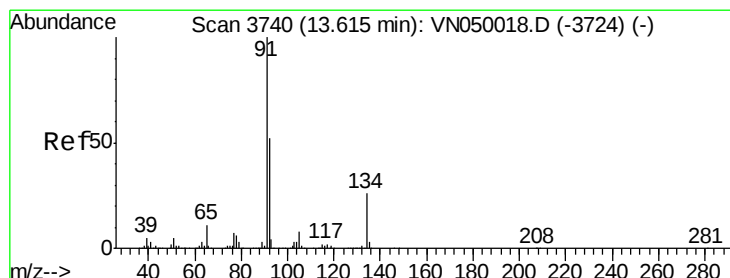
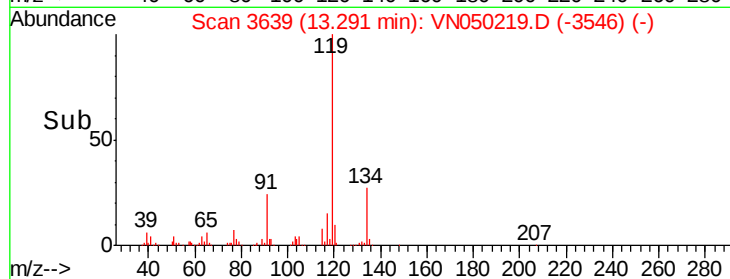
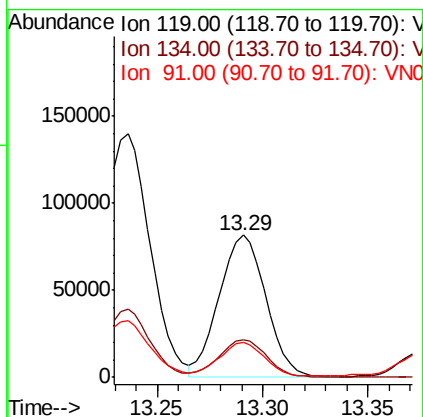
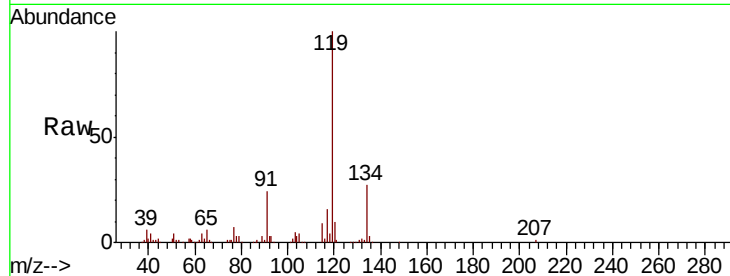




#86
 p-Isopropyltoluene
 Concen: 5.15 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

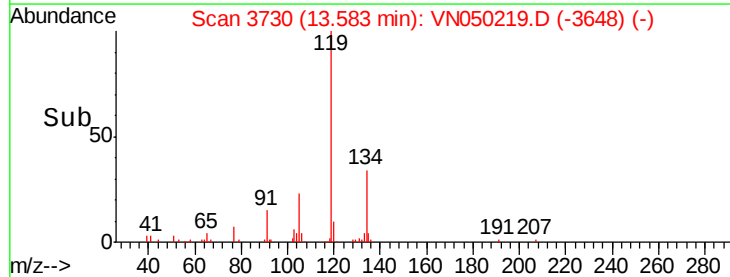
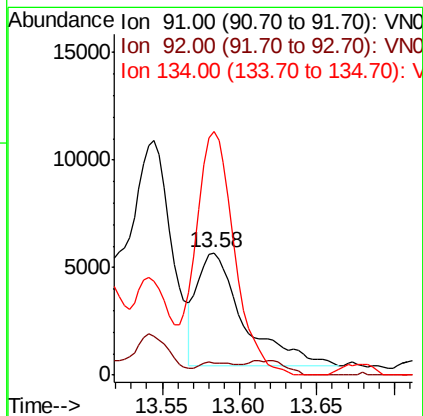
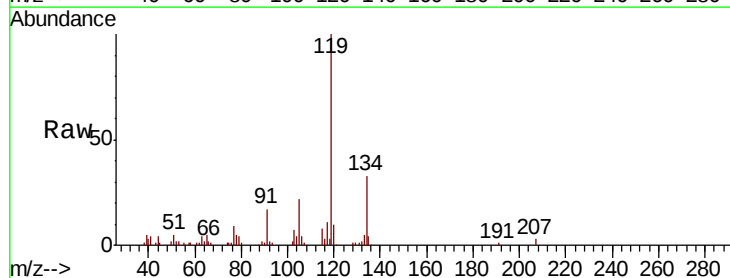
Instrument :
 MSVOA_N
 ClientSampled :
 MW-6BDL

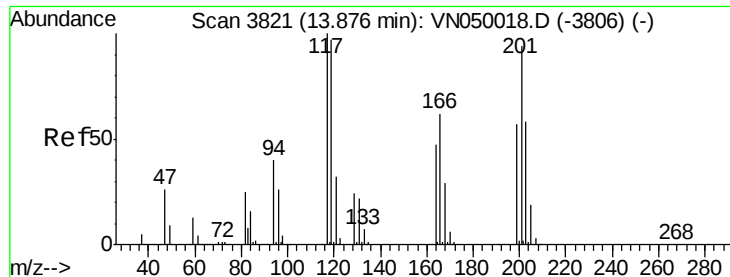
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	22.7	11.4	34.2



#89
 n-Butylbenzene
 Concen: 0.55 ug/l
 RT: 13.58 min Scan# 3730
 Delta R.T. -0.04 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	8.9	25.8	77.4#
134	179.0	12.8	38.4#





#90

Hexachloroethane

Concen: 1.86 ug/l

RT: 13.83 min Scan# 3807

Delta R.T. -0.04 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

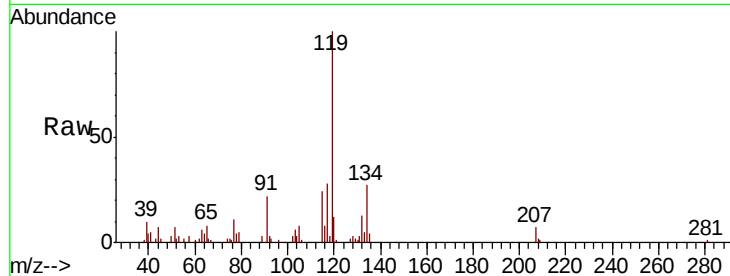
MW-6BDL

Tot Ion:117 Resp: 10026

Ion Ratio Lower Upper

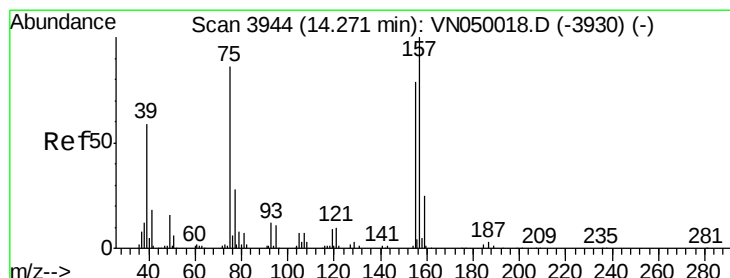
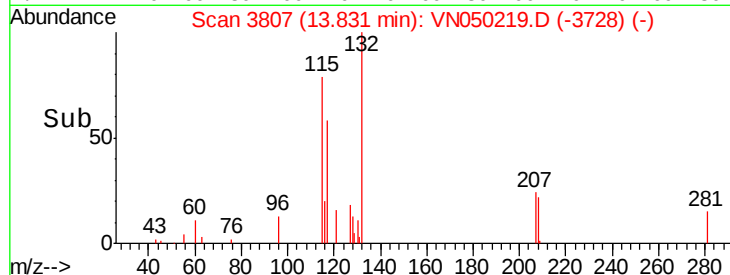
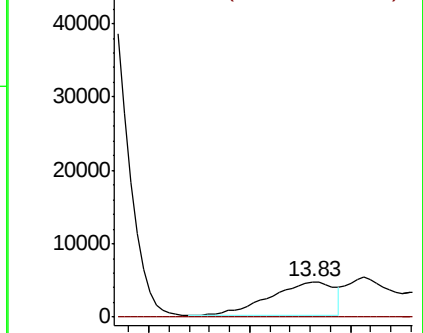
117 100

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: 0.73 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

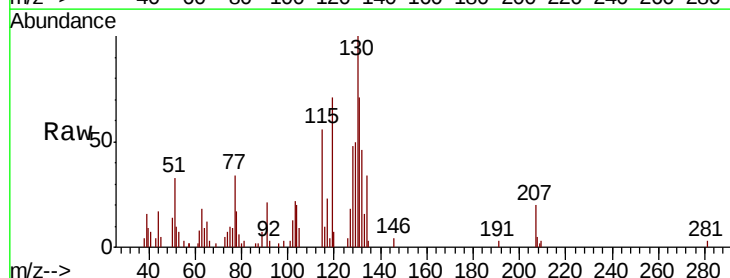
Tgt Ion: 75 Resp: 2146

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

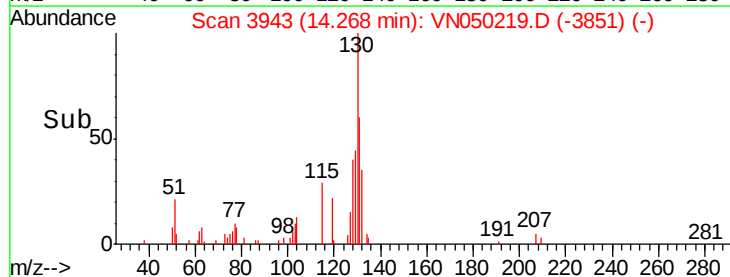
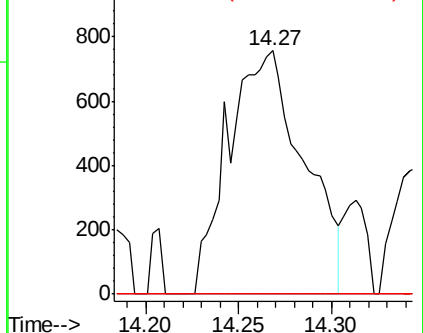
157 0.0 57.2 171.6#

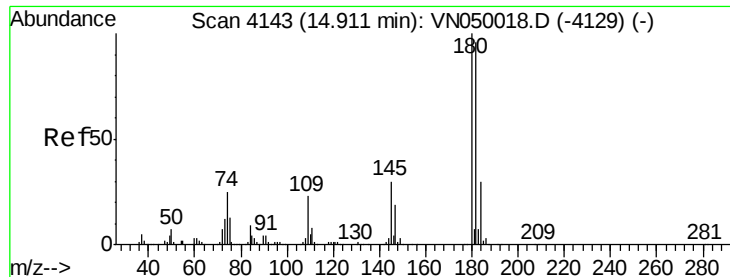


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

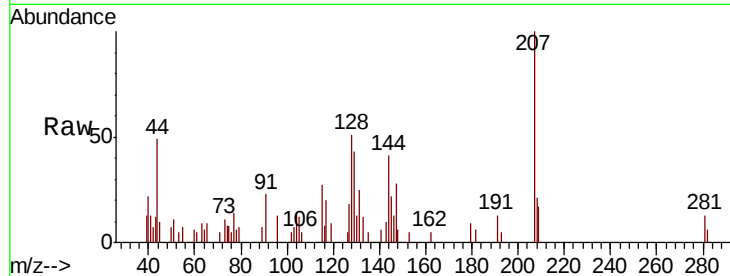




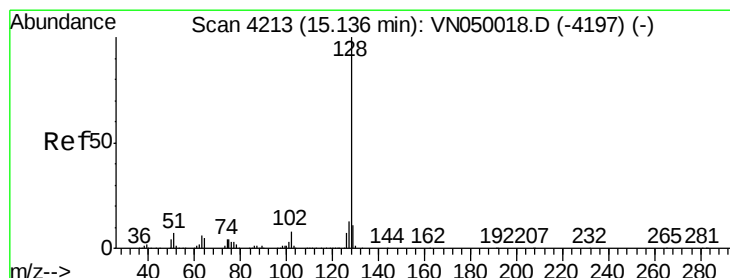
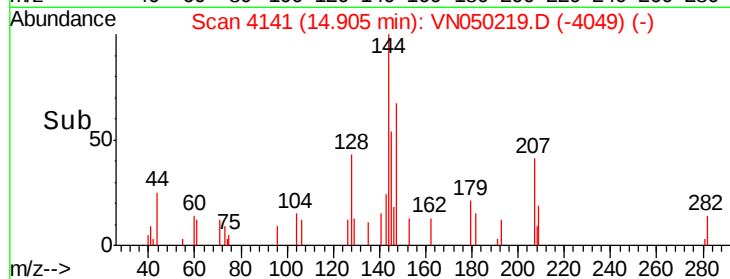
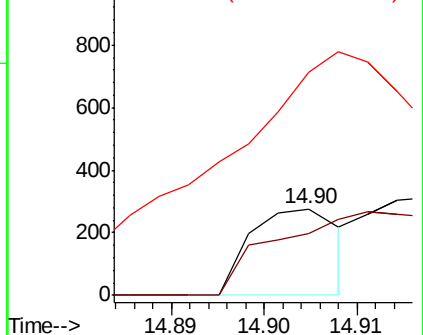
#93
 1,2,4-Trichlorobenzene
 Concen: 3.11 ug/l
 RT: 14.90 min Scan# 4141
 Delta R.T. -0.01 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

Instrument :
 MSVOA_N
 ClientSampled :
 MW-6BDL

Tot Ion:180 Resp: 185
 Ion Ratio Lower Upper
 180 100
 182 209.7 46.7 140.1#
 145 793.0 13.8 41.4#

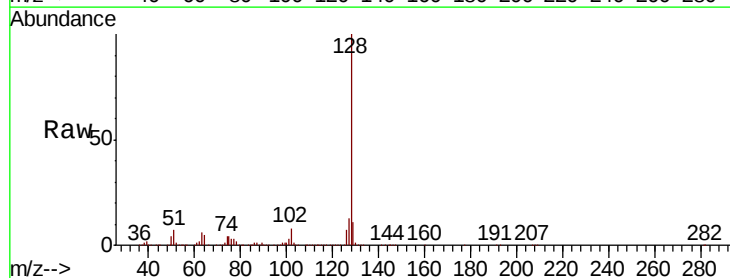


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

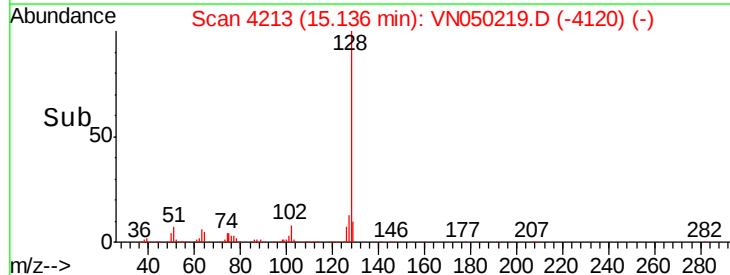
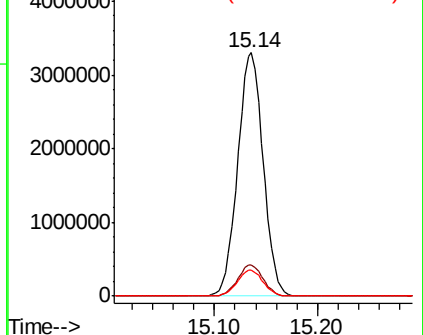


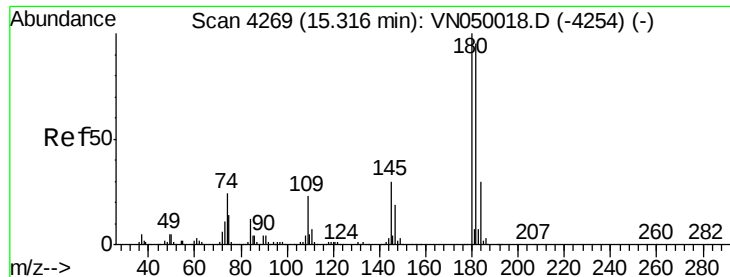
#95
 Naphthalene
 Concen: 283.80 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

Tgt Ion:128 Resp: 5667951
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.4 15.6
 129 10.8 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: 2.24 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

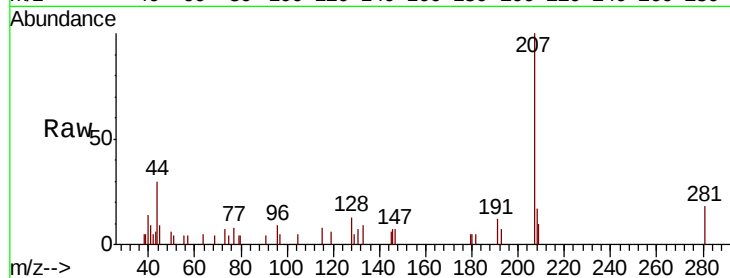
Tot Ion:180 Resp: 311

Ion Ratio Lower Upper

180 100

182 98.1 48.1 144.4

145 40.2 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

