

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050135.D
 Acq On : 27 Jul 2018 17:28
 Operator : MD\SY
 Sample : J4184-03DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

Quant Time: Jul 27 23:32:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	753379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1174193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1004449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	447359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	498476	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.59	113	447643	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
50) Toluene-d8	10.09	98	1600154	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
62) 4-Bromofluorobenzene	12.40	95	494069	42.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.14%	

Target Compounds

						Qvalue
5) Bromomethane	2.57	94	2426	Below Cal		88
16) Acetone	3.83	43	7970	Below Cal		91
17) Carbon Disulfide	4.05	76	7929	0.30	ug/l	99
18) Methyl Acetate	4.34	43	9945	Below Cal		92
20) Methylene Chloride	4.54	84	744	Below Cal	#	63
25) 2-Butanone	6.85	43	6156	1.54	ug/l #	85
31) Cyclohexane	7.66	56	14048	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	51641	3.90	ug/l #	48
37) Ethyl Acetate	6.85	43	6156	0.67	ug/l #	77
38) Carbon Tetrachloride	7.67	117	69503	4.95	ug/l #	16
41) Methacrylonitrile	7.20	41	460	2.84	ug/l #	10
43) Isopropyl Acetate	8.25	43	56060	2.13	ug/l #	62
52) Toluene	10.16	92	23595	0.99	ug/l	99
56) Ethyl methacrylate	10.44	69	705	2.08	ug/l #	70
59) 2-Hexanone	10.76	43	2759	5.58	ug/l	90
67) Ethyl Benzene	11.51	91	63955	1.57	ug/l	97
68) m/p-Xylenes	11.62	106	62848	4.08	ug/l	95
69) o-Xylene	11.95	106	31502	2.14	ug/l	99
70) Styrene	11.97	104	20603	1.70	ug/l #	82
71) Bromoform	12.40	173	4034	0.57	ug/l #	1
73) Isopropylbenzene	12.25	105	10503	0.30	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.51	83	721	Below Cal	#	87
76) 1,2,3-Trichloropropane	12.40	75	238556	28.69	ug/l #	100
78) n-propylbenzene	12.59	91	9936	0.26	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	48655	1.78	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	238556	91.01	ug/l #	13
83) tert-Butylbenzene	13.04	119	11361	0.48	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	82829	3.01	ug/l	100
86) p-Isopropyltoluene	13.29	119	44265	1.65	ug/l	99
88) 1,4-Dichlorobenzene	13.28	146	3187	0.20	ug/l	87
89) n-Butylbenzene	13.62	91	5653	0.26	ug/l #	77
90) Hexachloroethane	13.83	117	4137	0.69	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	914	Below Cal	#	48
93) 1,2,4-Trichlorobenzene	14.91	180	6965	3.84	ug/l #	89

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

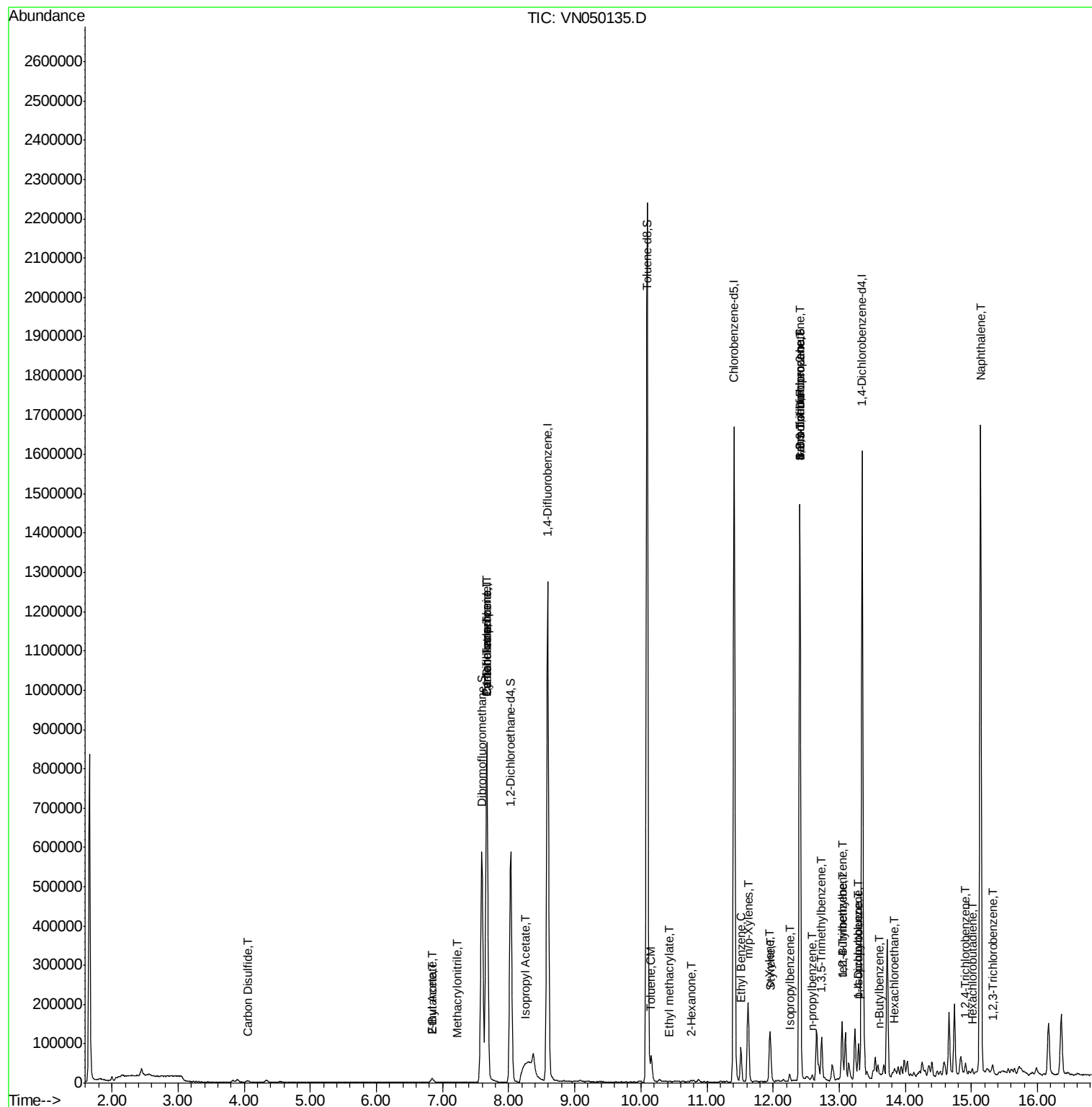
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.02	225	2216	0.44	ug/l	96
95) Naphthalene	15.14	128	1404203	67.08	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	7816	3.09	ug/l #	86

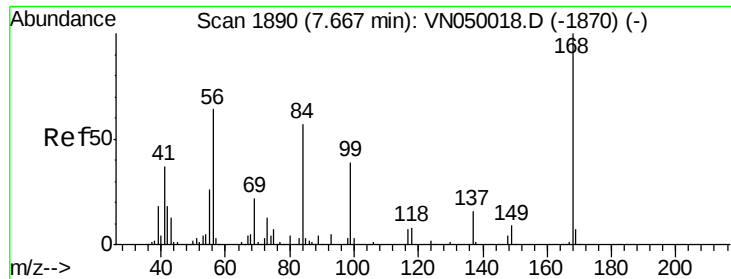
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

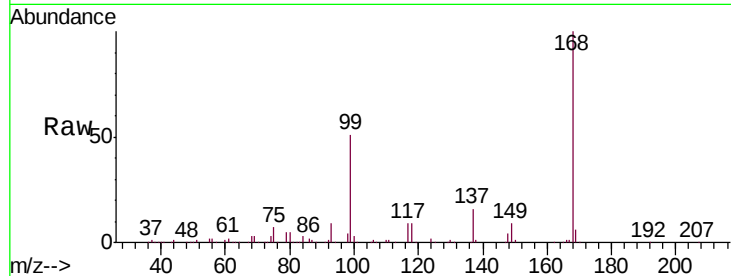
MW-6BDL

Tot Ion:168 Resp: 753379

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

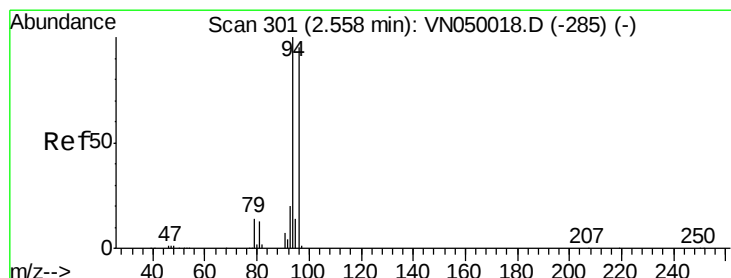
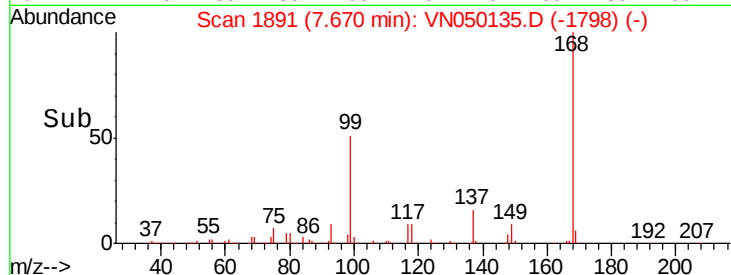
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050135.D

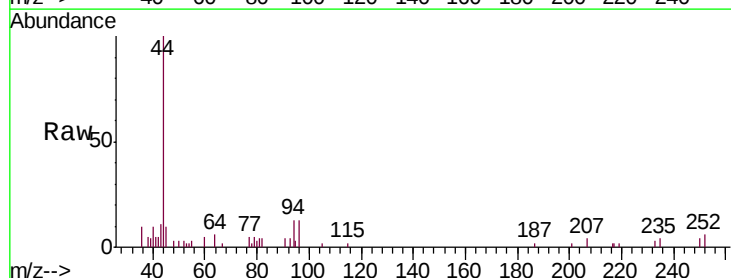
Acq: 27 Jul 2018 17:28

Tgt Ion: 94 Resp: 2426

Ion Ratio Lower Upper

94 100

96 82.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

1000

800

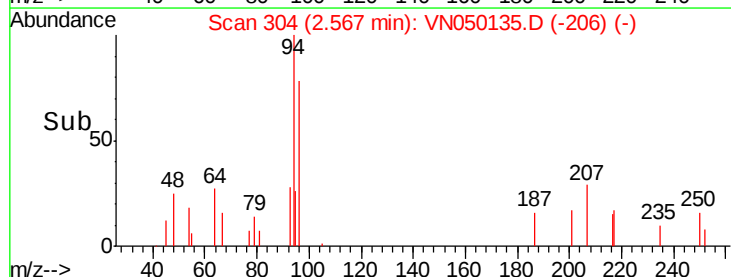
600

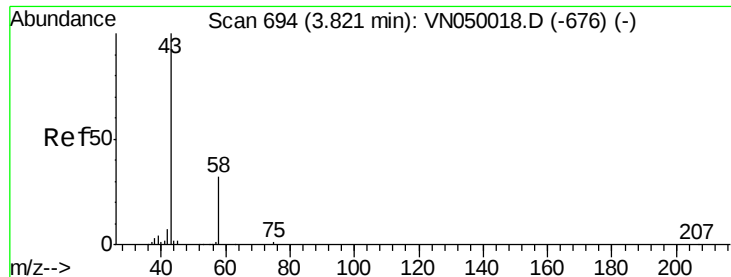
400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampled :

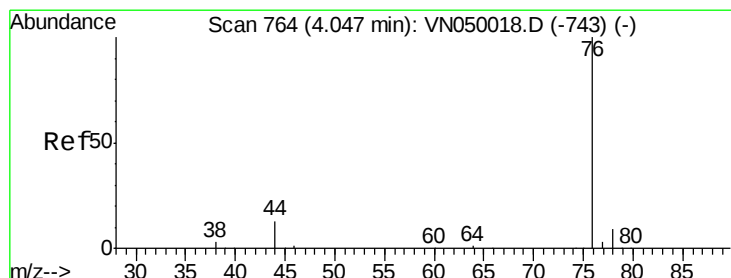
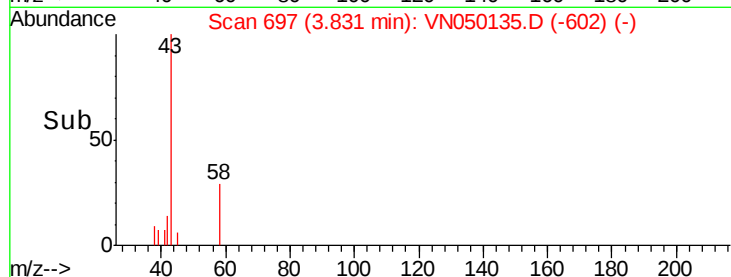
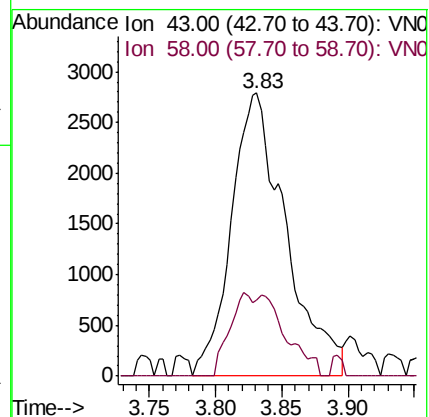
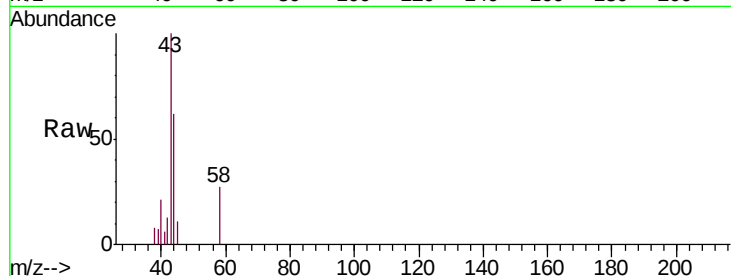
MW-6BDL

Tot Ion: 43 Resp: 7970

Ion Ratio Lower Upper

43 100

58 27.1 25.8 38.8



#17

Carbon Disulfide

Concen: 0.30 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050135.D

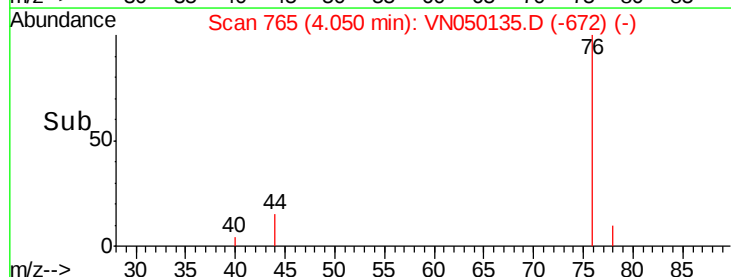
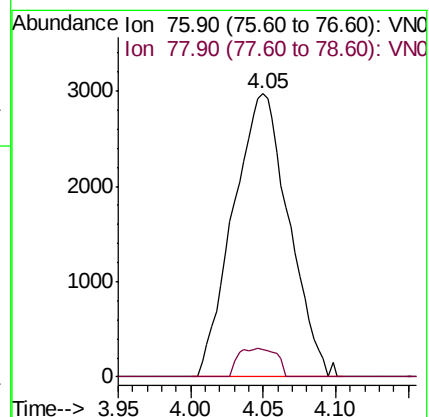
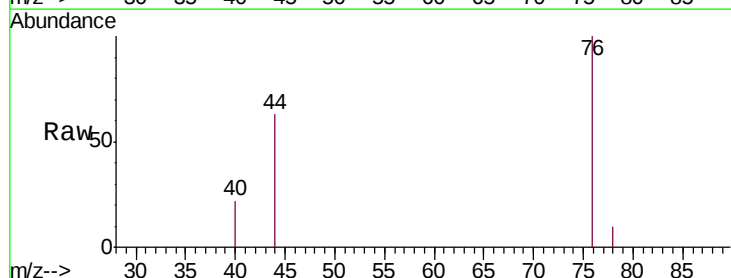
Acq: 27 Jul 2018 17:28

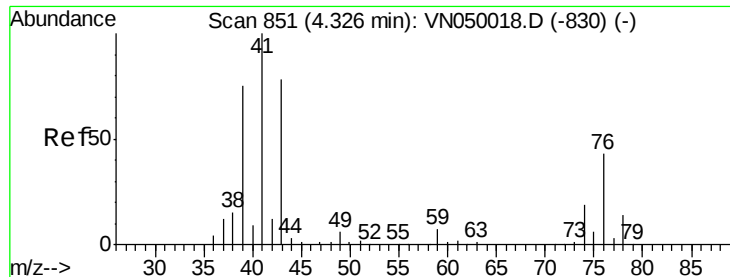
Tgt Ion: 76 Resp: 7929

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

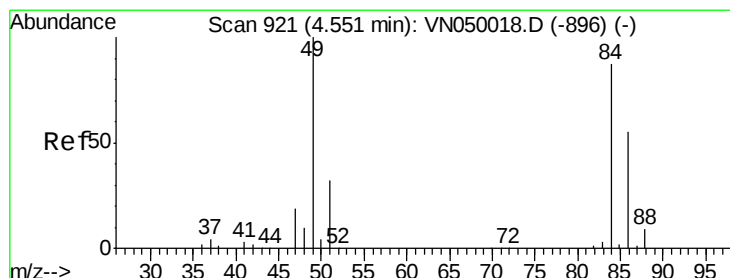
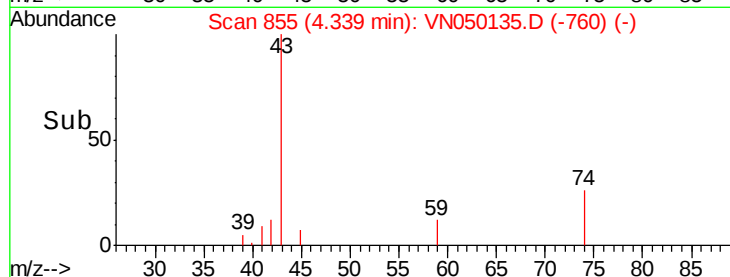
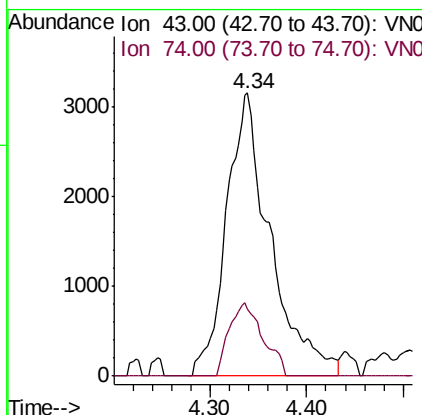
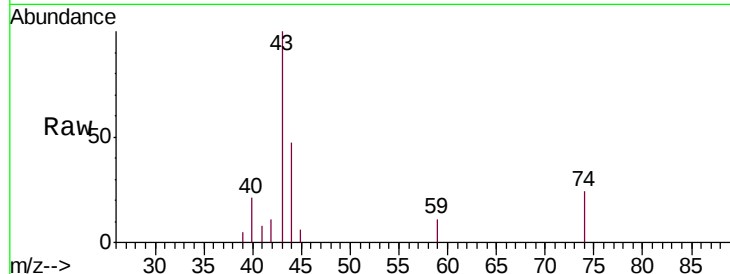




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

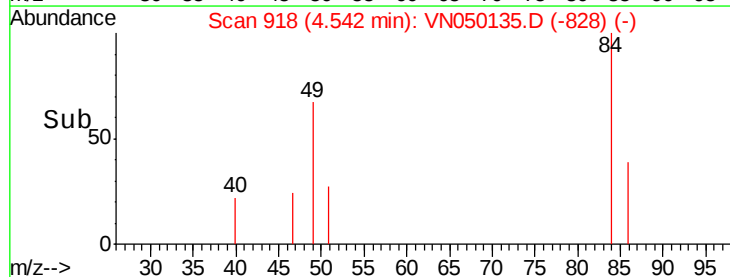
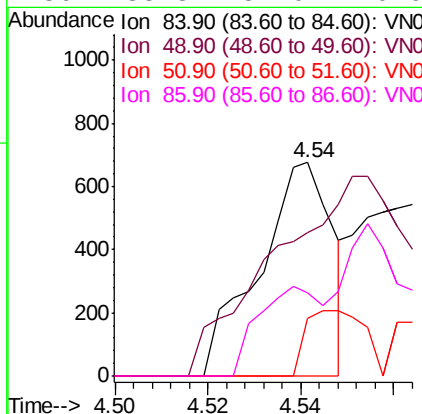
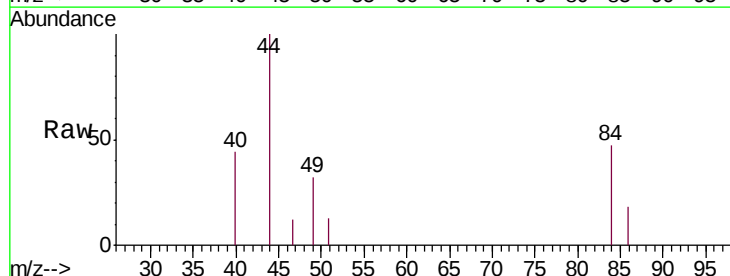
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

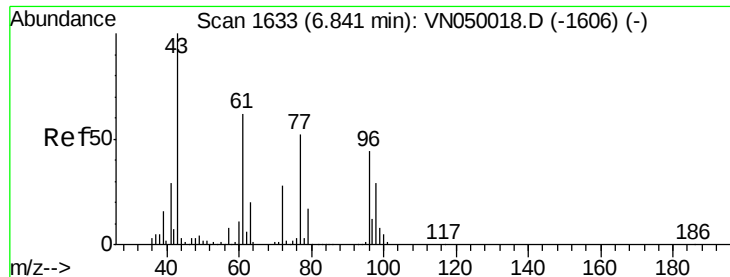
Tot Ion: 43 Resp: 9945
Ion Ratio Lower Upper
43 100
74 19.9 19.2 28.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion: 84 Resp: 744
Ion Ratio Lower Upper
84 100
49 67.0 94.8 142.2#
51 26.9 28.3 42.5#
86 38.8 51.0 76.6#





#25

2-Butanone

Concen: 1.54 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

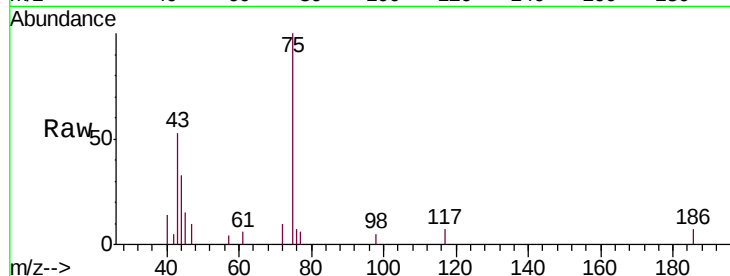
MW-6BDL

Tot Ion: 43 Resp: 6156

Ion Ratio Lower Upper

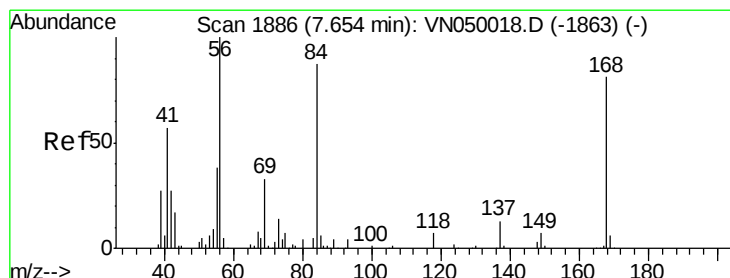
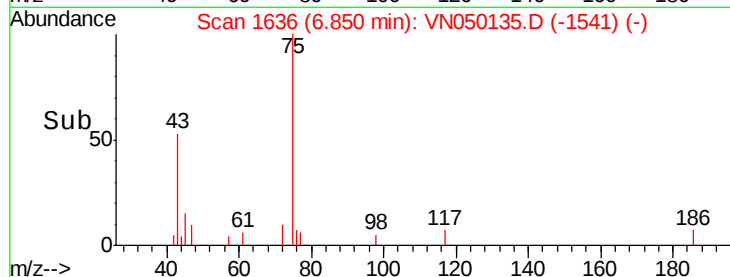
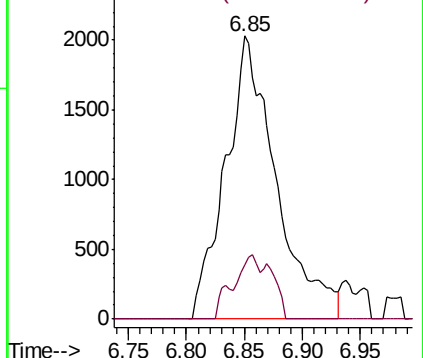
43 100

72 19.2 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#31

Cyclohexane

Concen: 0.90 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

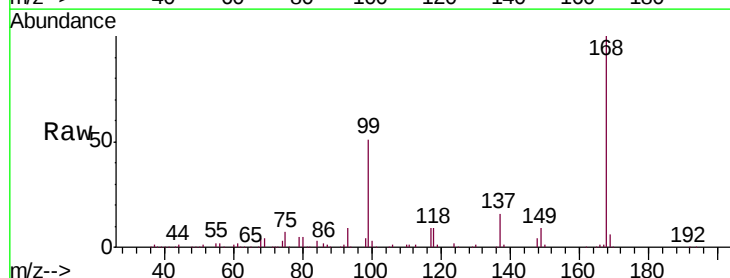
Tgt Ion: 56 Resp: 14048

Ion Ratio Lower Upper

56 100

69 186.8 26.2 39.4#

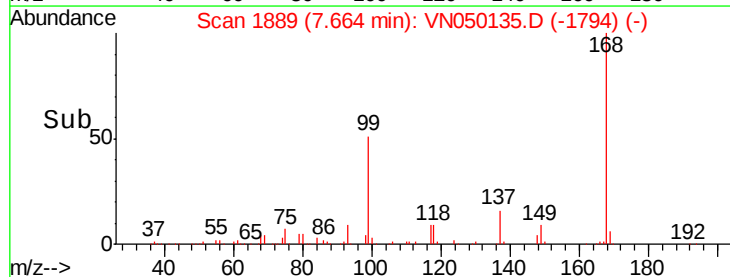
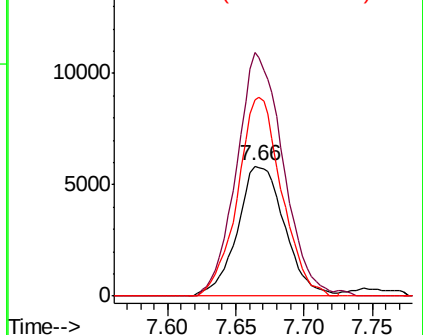
84 151.1 67.4 101.0#

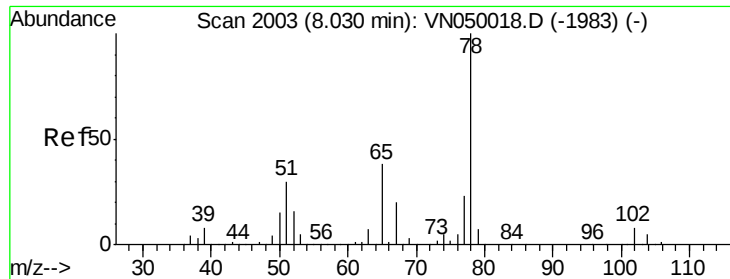


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

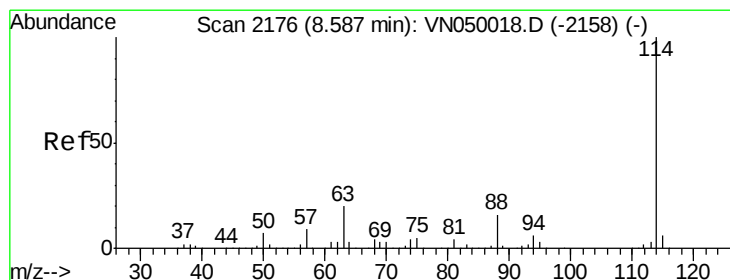
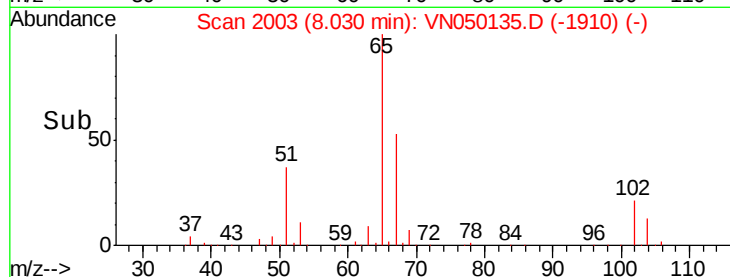
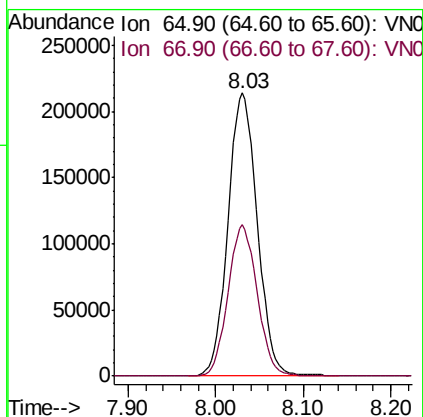
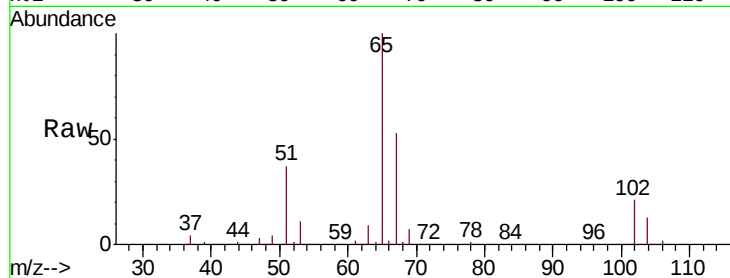




#33
 1,2-Dichloroethane-d4
 Concen: 47.42 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050135.D
 Acq: 27 Jul 2018 17:28

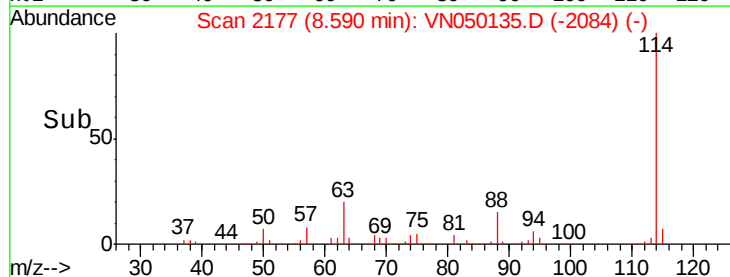
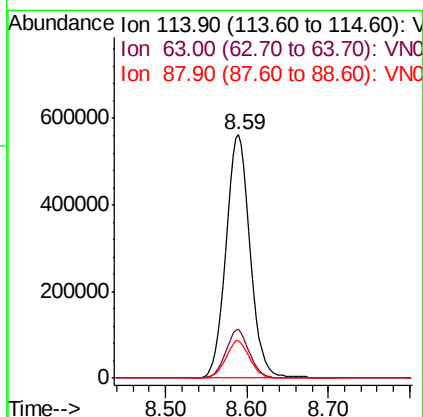
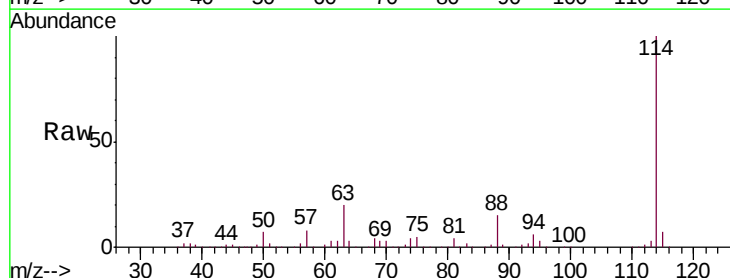
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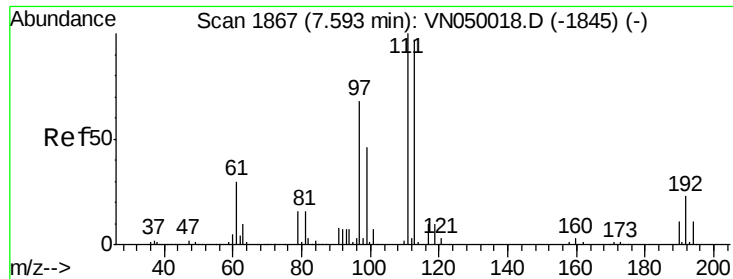
Tot Ion: 65 Resp: 498476
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050135.D
 Acq: 27 Jul 2018 17:28

Tgt Ion: 114 Resp: 1174193
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.3 0.0 31.2

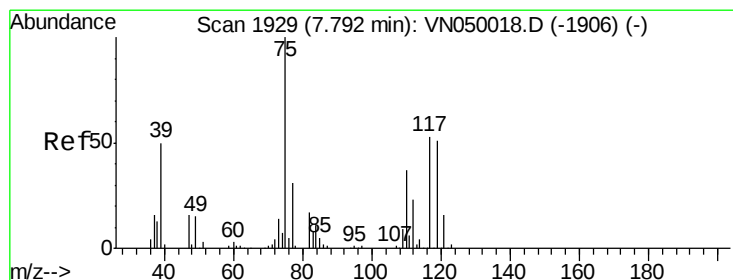
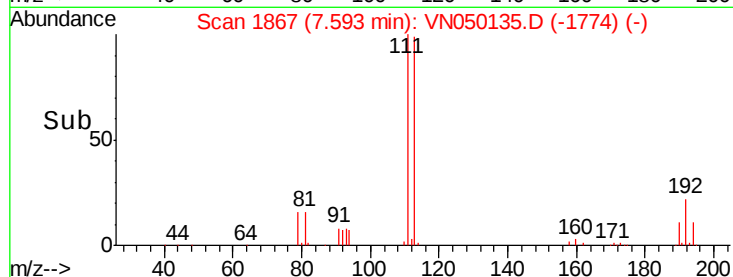
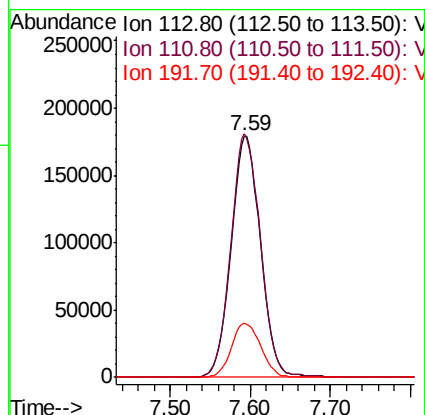
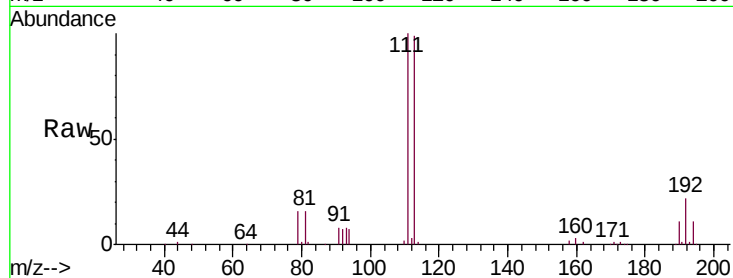




#35
 Dibromofluoromethane
 Concen: 46.69 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050135.D
 Acq: 27 Jul 2018 17:28

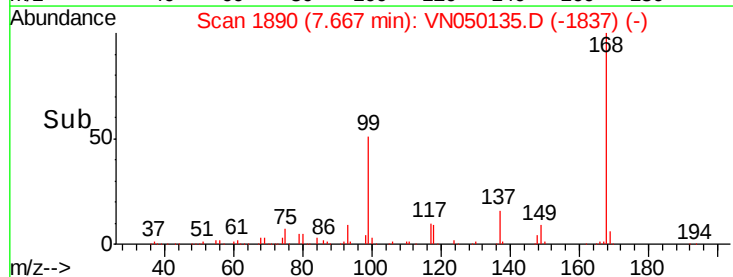
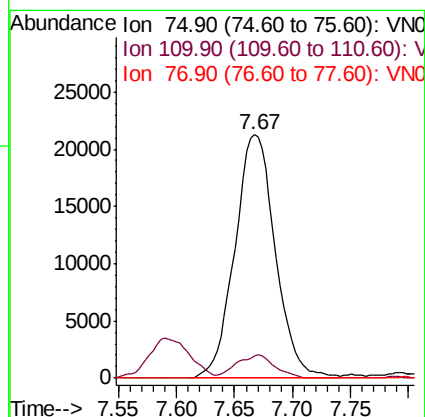
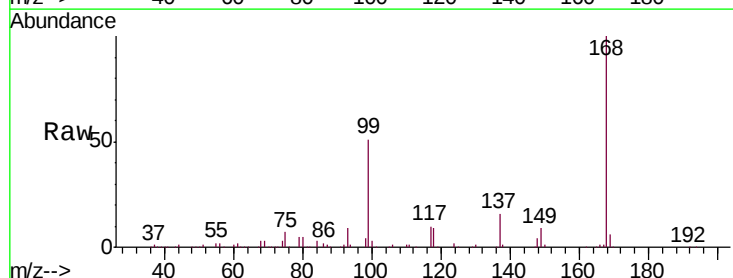
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

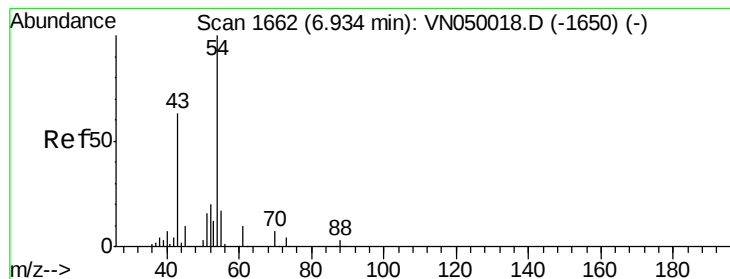
Tot Ion:113 Resp: 447643
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 22.4 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.90 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050135.D
 Acq: 27 Jul 2018 17:28

Tgt Ion: 75 Resp: 51641
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.4 55.2#
 77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.67 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. -0.09 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampled :

MW-6BDL

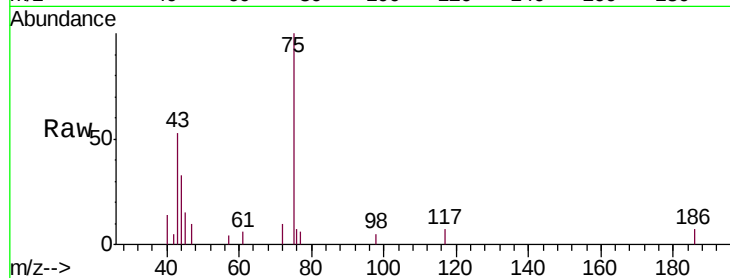
Tot Ion: 43 Resp: 6156

Ion Ratio Lower Upper

43 100

61 6.4 11.8 17.8#

70 0.0 8.4 12.6#

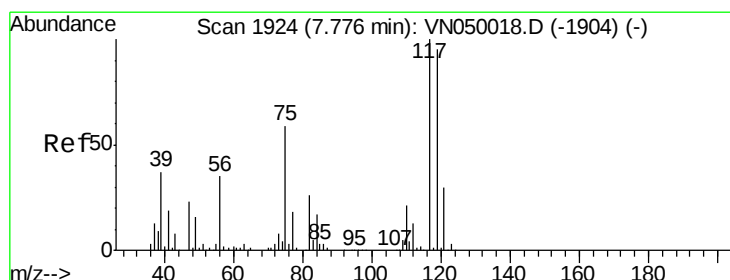
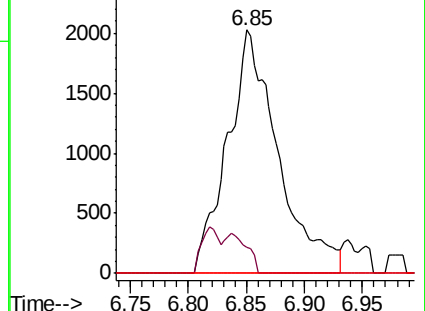
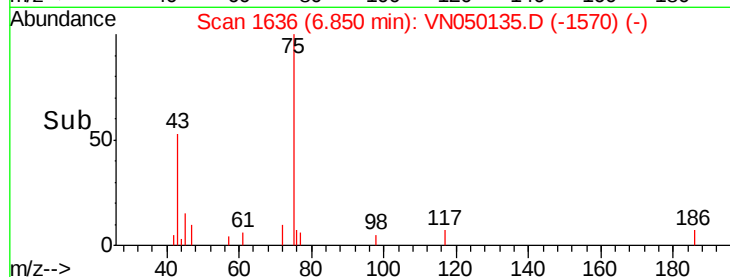


Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-1650) (-)

Ion 60.90 (60.60 to 61.60): VN050018.D (-1650) (-)

Ion 70.00 (69.70 to 70.70): VN050018.D (-1650) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.95 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

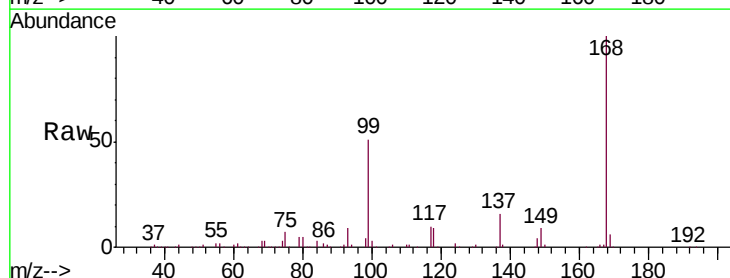
Tgt Ion: 117 Resp: 69503

Ion Ratio Lower Upper

117 100

119 5.0 77.4 116.0#

121 0.0 23.9 35.9#

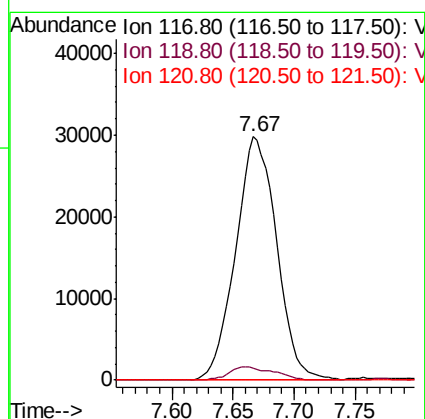
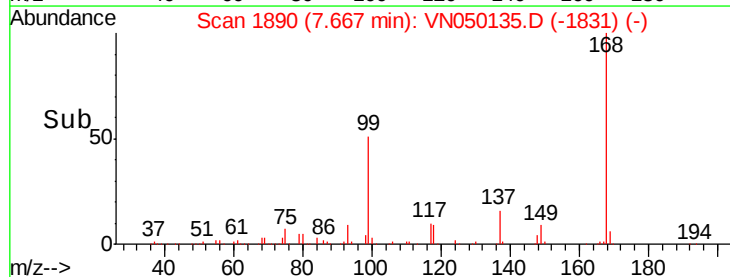


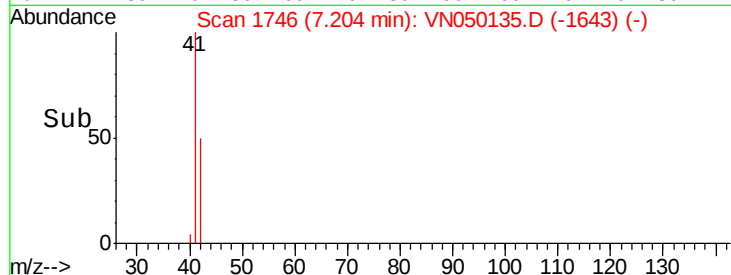
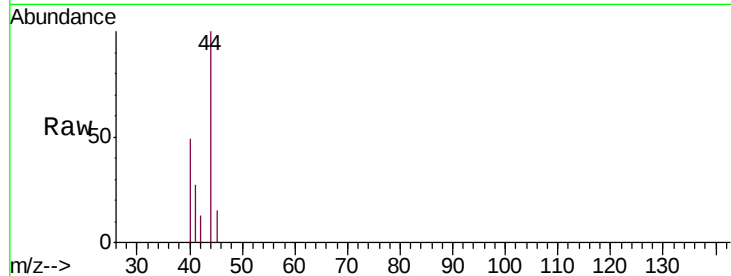
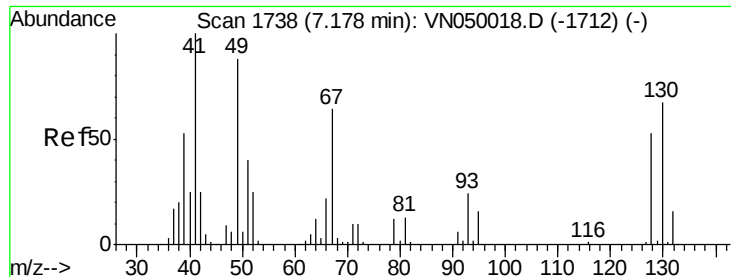
Abundance Ion 116.80 (116.50 to 117.50): VN050018.D (-1904) (-)

Ion 118.80 (118.50 to 119.50): VN050018.D (-1904) (-)

Ion 120.80 (120.50 to 121.50): VN050018.D (-1904) (-)

Time-->

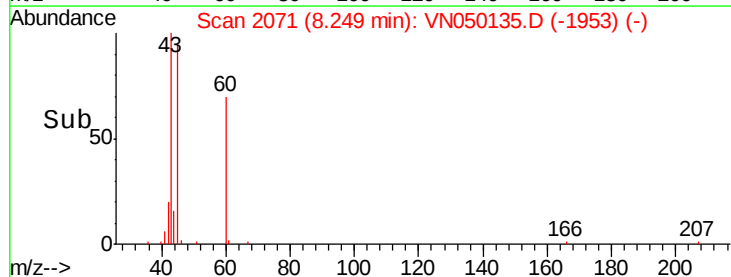
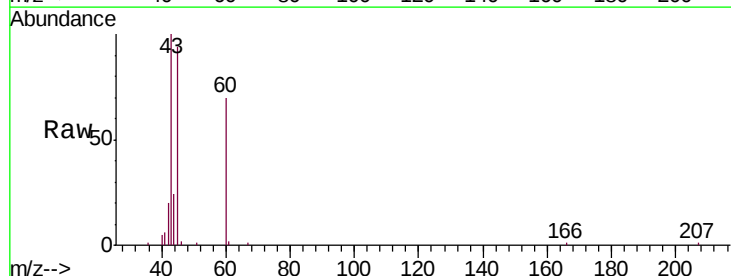
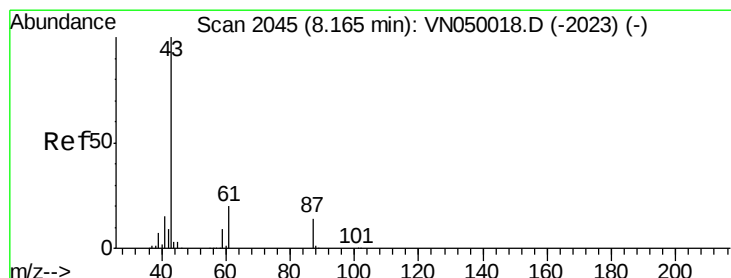
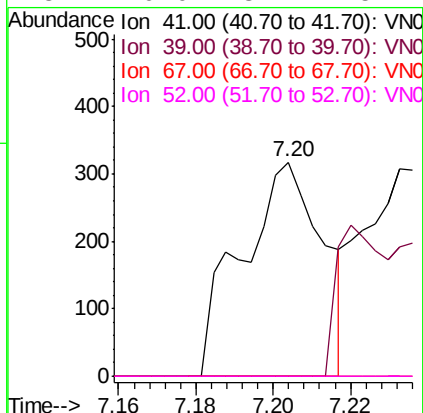




#41
Methacrylonitrile
Concen: 2.84 ug/l
RT: 7.20 min Scan# 1746
Delta R.T. 0.03 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

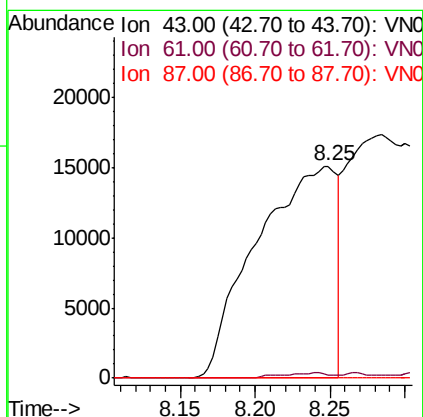
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

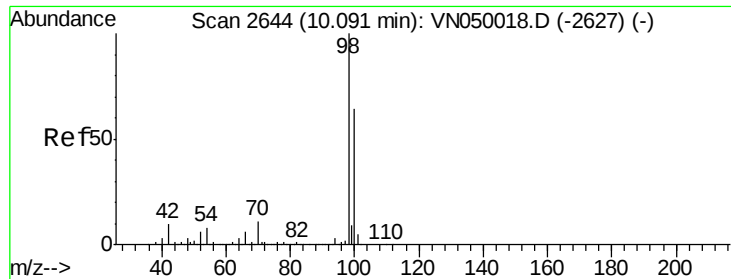
Tot Ion: 41 Resp: 460
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 2.13 ug/l
RT: 8.25 min Scan# 2071
Delta R.T. 0.08 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion: 43 Resp: 56060
Ion Ratio Lower Upper
43 100
61 0.5 15.8 23.6#
87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 45.40 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

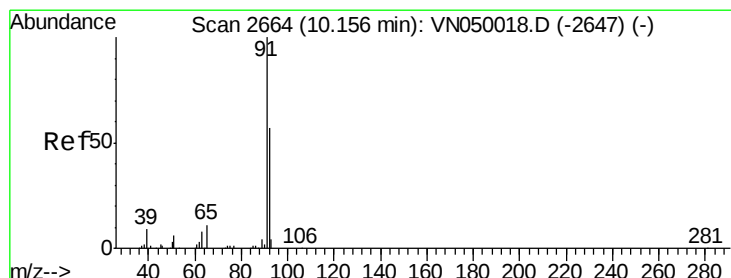
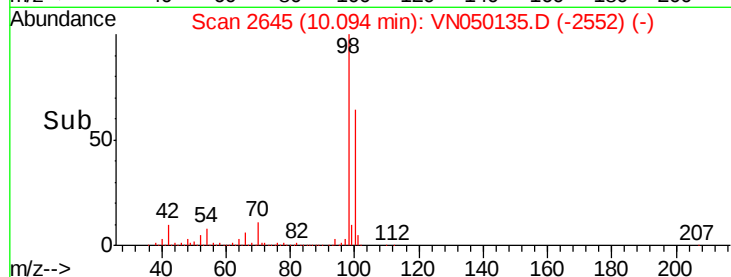
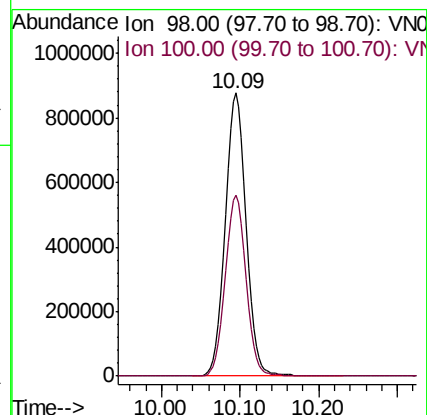
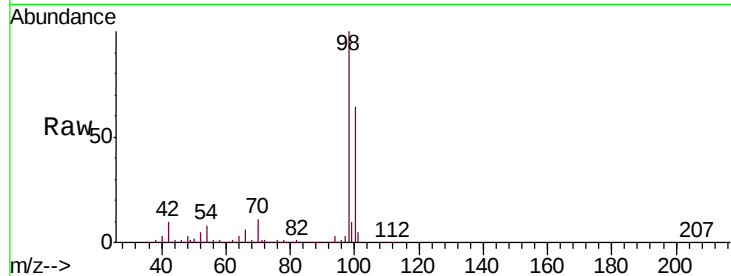
MW-6BDL

Tot Ion: 98 Resp: 1600154

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#52

Toluene

Concen: 0.99 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050135.D

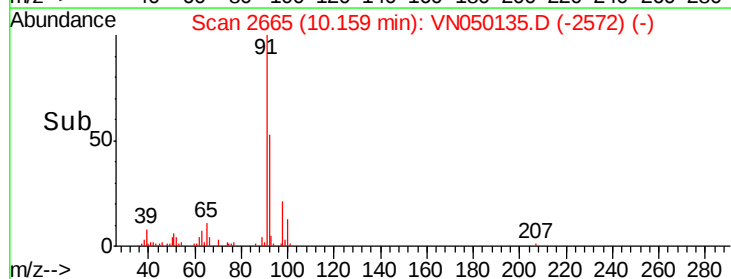
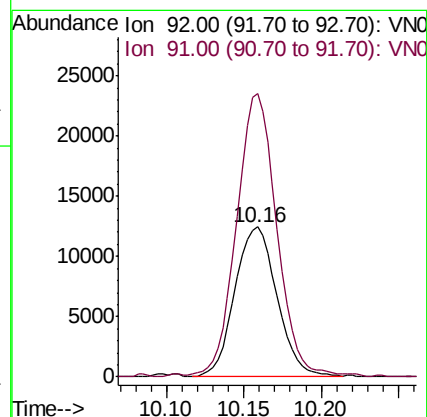
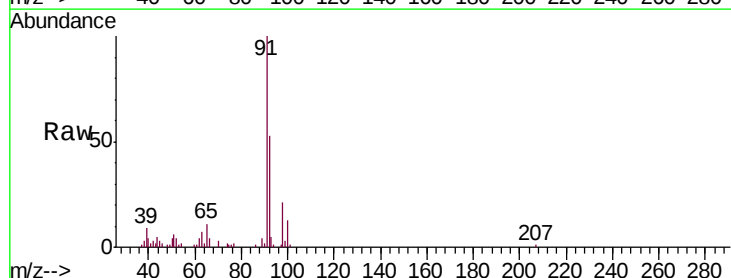
Acq: 27 Jul 2018 17:28

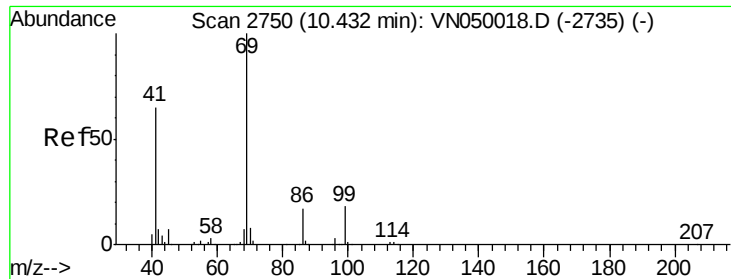
Tgt Ion: 92 Resp: 23595

Ion Ratio Lower Upper

92 100

91 176.2 140.3 210.5





#56

Ethyl methacrylate

Concen: 2.08 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampled :

MW-6BDL

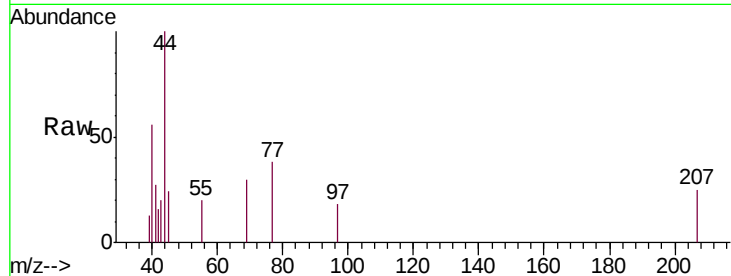
Tot Ion: 69 Resp: 705

Ion Ratio Lower Upper

69 100

41 75.7 51.0 76.4

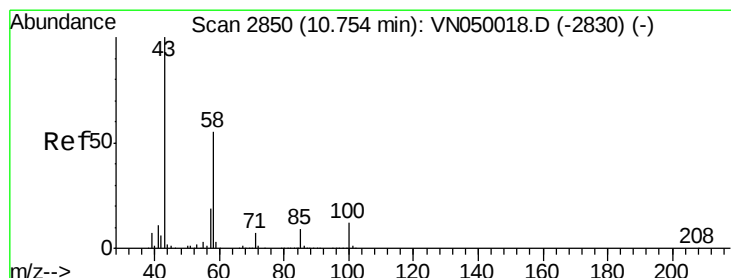
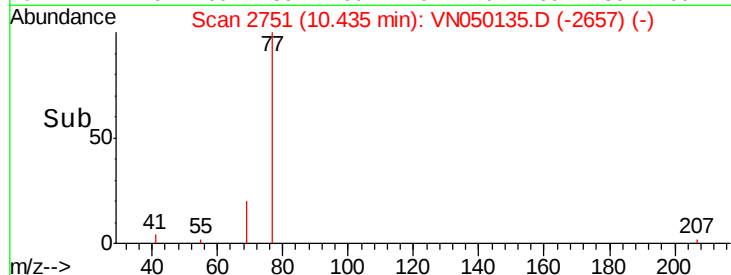
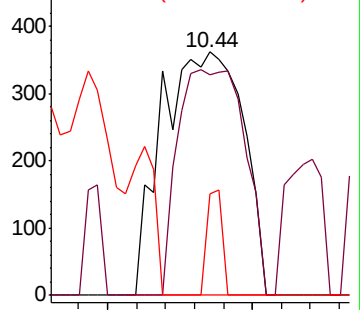
39 0.0 26.6 40.0#



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



#59

2-Hexanone

Concen: 5.58 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN050135.D

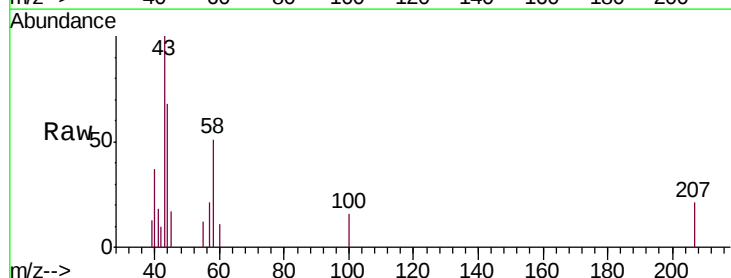
Acq: 27 Jul 2018 17:28

Tgt Ion: 43 Resp: 2759

Ion Ratio Lower Upper

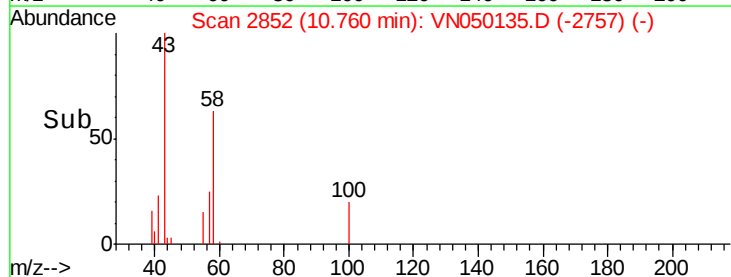
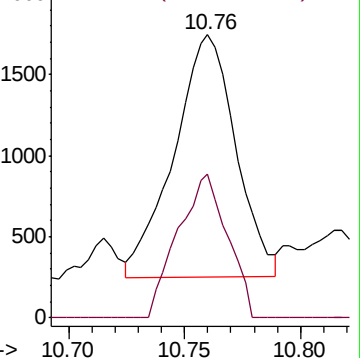
43 100

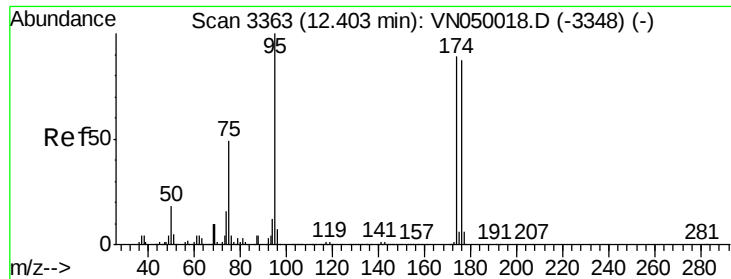
58 47.7 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

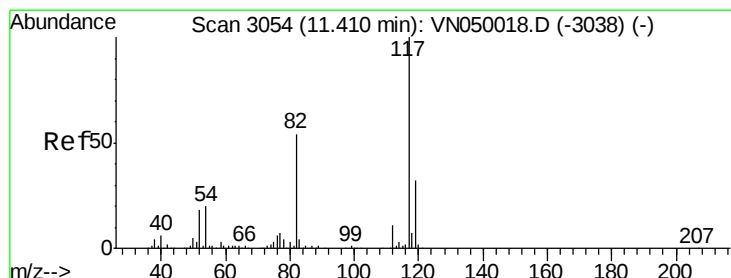
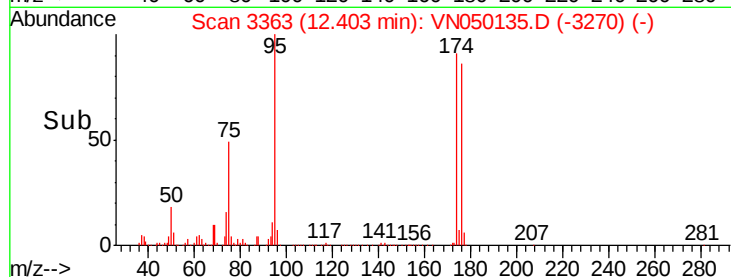
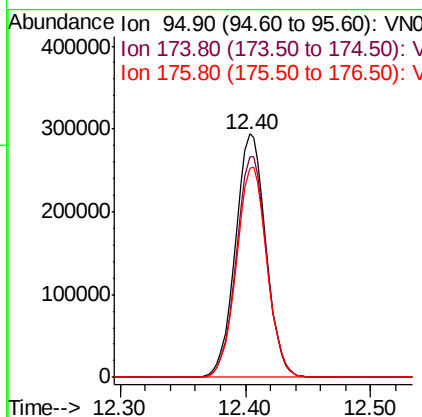
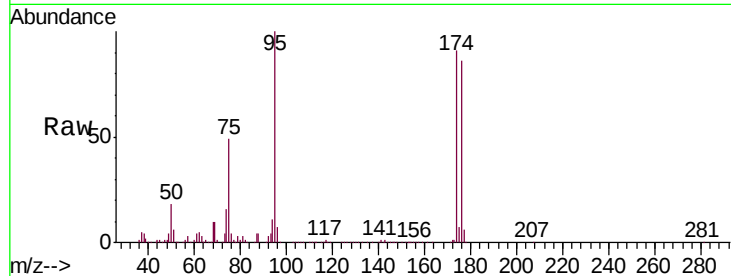




#62
4-Bromofluorobenzene
Concen: 42.57 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

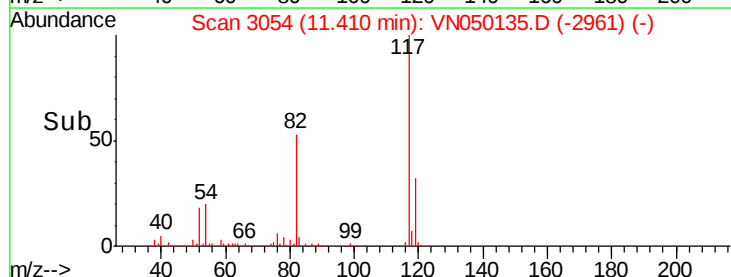
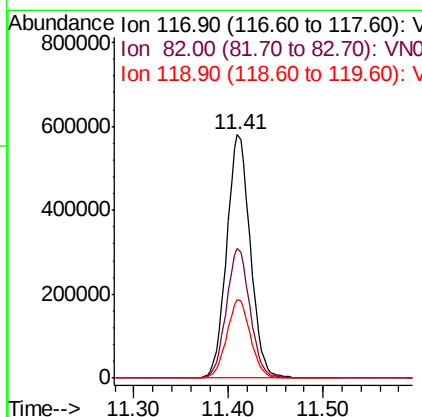
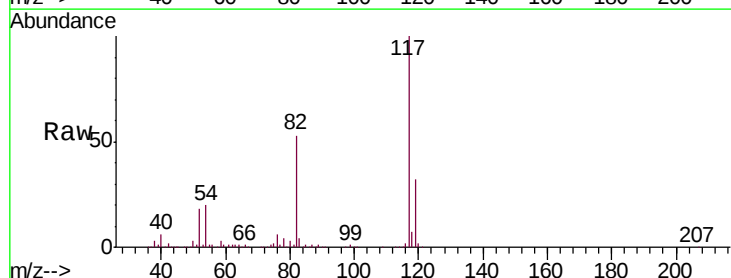
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

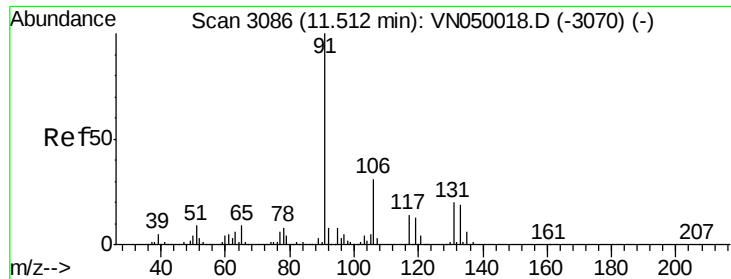
Tot Ion: 95 Resp: 494069
Ion Ratio Lower Upper
95 100
174 91.2 0.0 178.2
176 86.8 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion: 117 Resp: 1004449
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 32.0 26.1 39.1

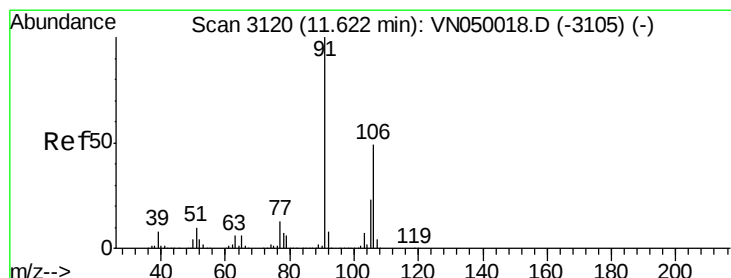
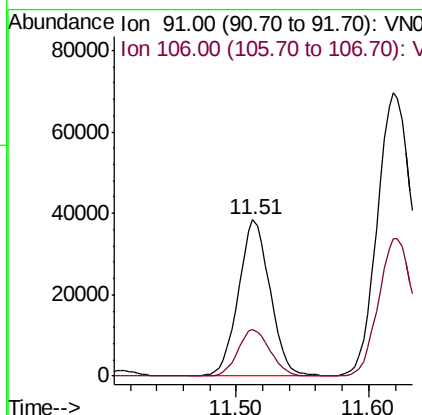
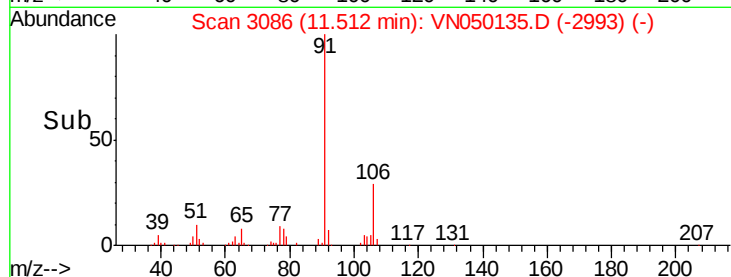
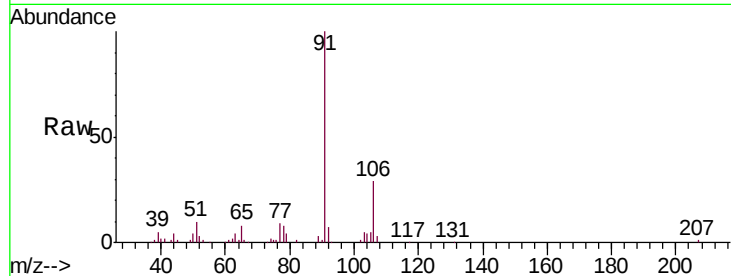




#67
Ethyl Benzene
Concen: 1.57 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

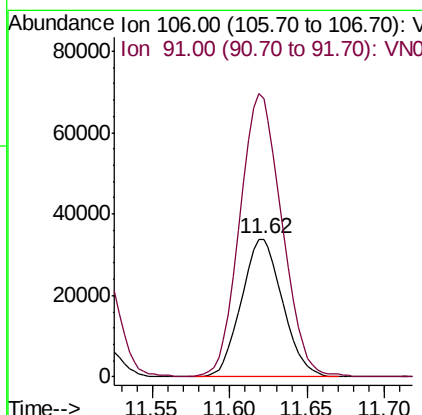
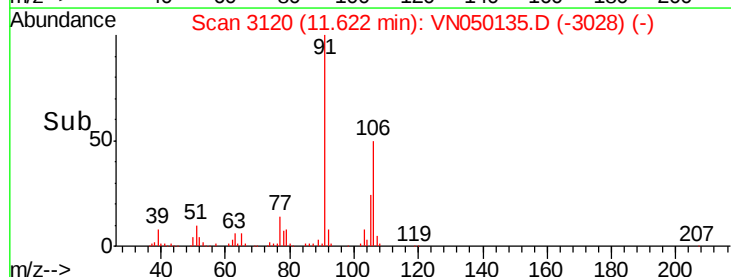
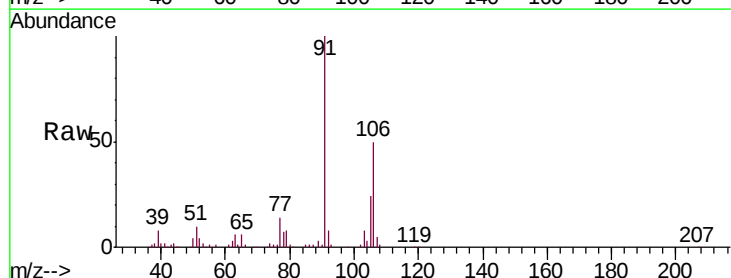
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

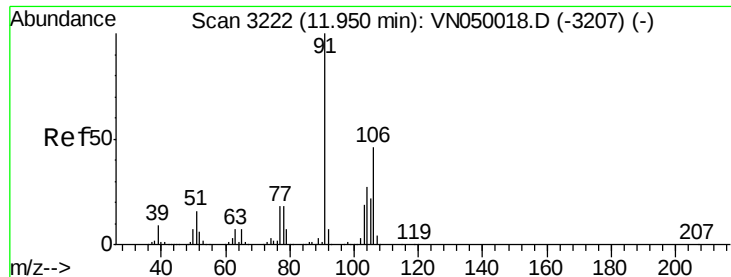
Tot Ion: 91 Resp: 63955
Ion Ratio Lower Upper
91 100
106 29.4 25.0 37.4



#68
m/p-Xylenes
Concen: 4.08 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion: 106 Resp: 62848
Ion Ratio Lower Upper
106 100
91 209.8 162.2 243.2

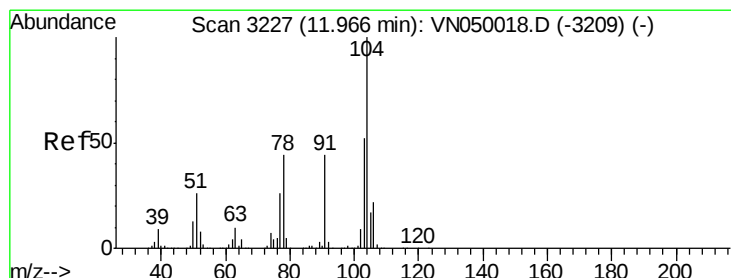
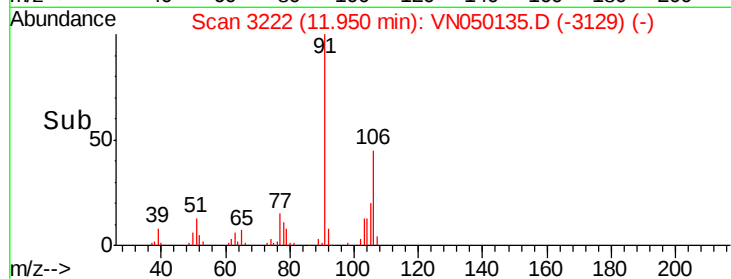
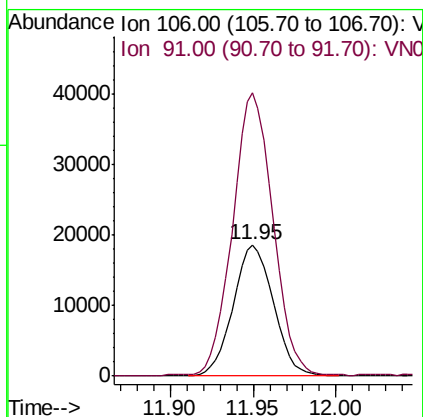
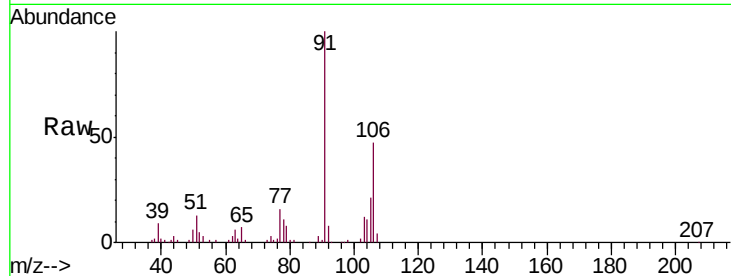




#69
o-Xylene
Concen: 2.14 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

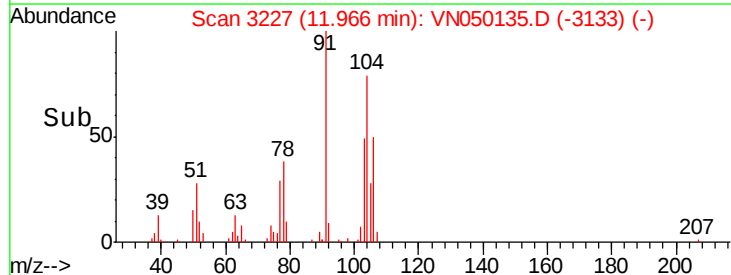
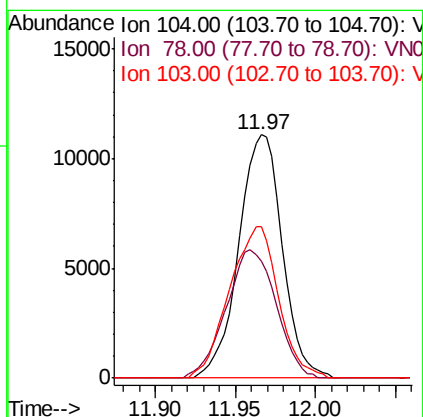
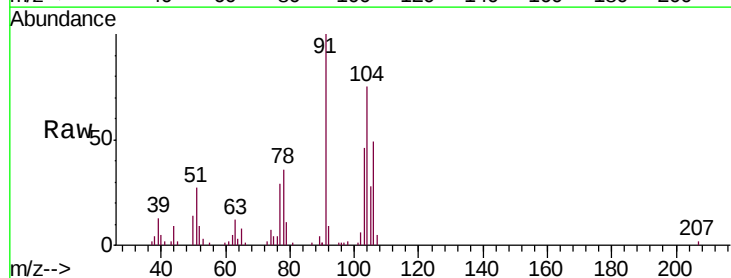
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

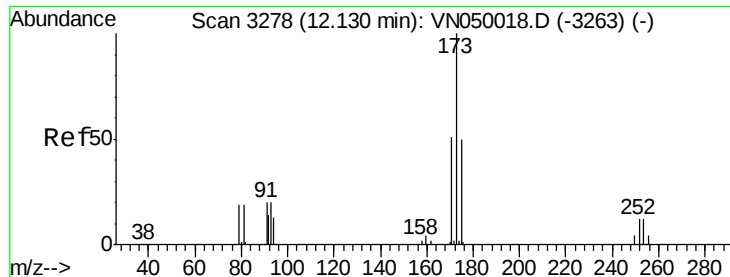
Tot Ion:106 Resp: 31502
Ion Ratio Lower Upper
106 100
91 217.5 107.7 323.1



#70
Styrene
Concen: 1.70 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion:104 Resp: 20603
Ion Ratio Lower Upper
104 100
78 60.6 39.3 58.9#
103 70.3 45.0 67.6#





#71

Bromoform

Concen: 0.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

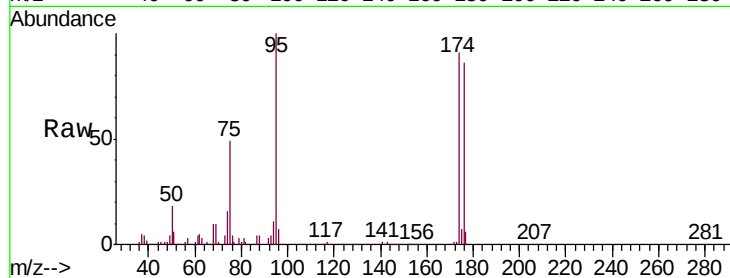
Tot Ion:173 Resp: 4034

Ion Ratio Lower Upper

173 100

175 725.2 24.1 72.2#

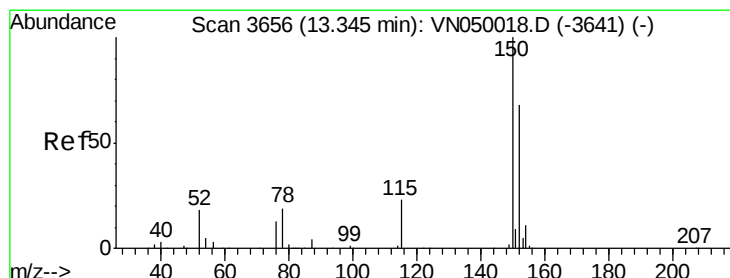
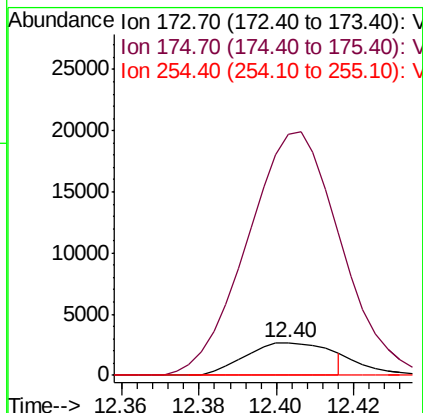
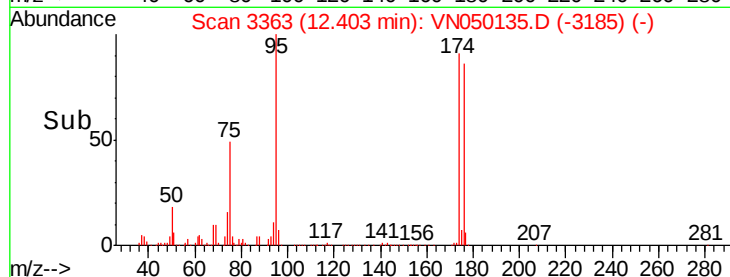
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

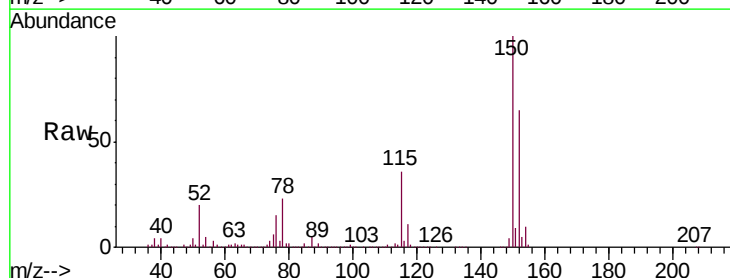
Tgt Ion:152 Resp: 447359

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

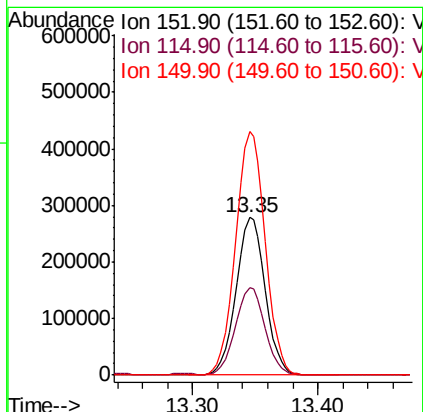
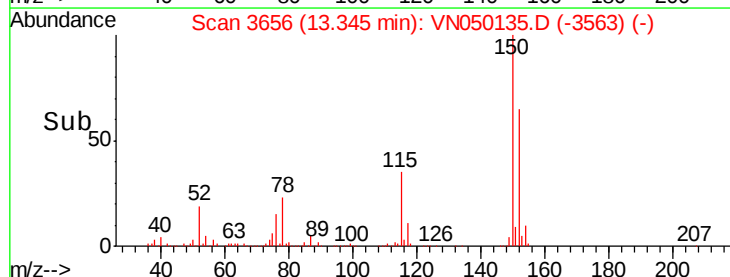
150 156.9 0.0 348.6

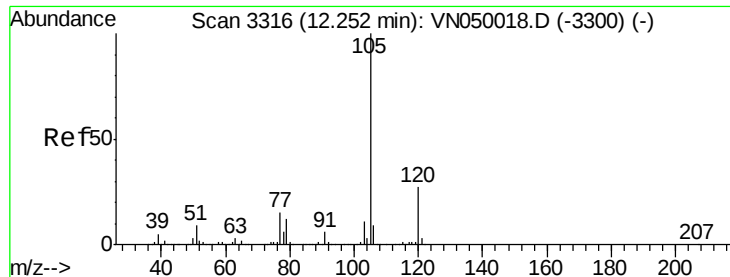


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.30 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampled :

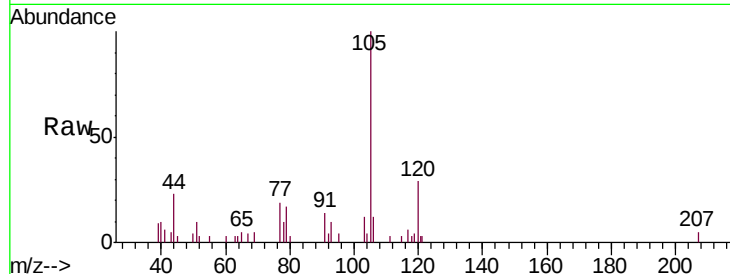
MW-6BDL

Tot Ion:105 Resp: 10503

Ion Ratio Lower Upper

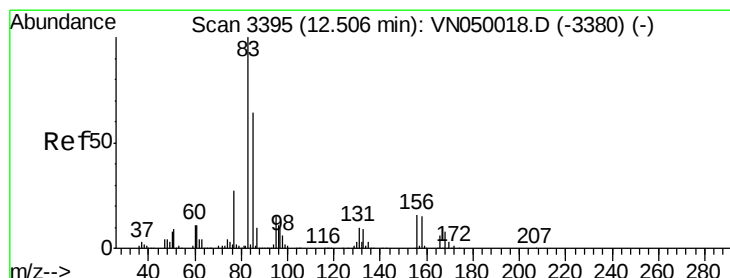
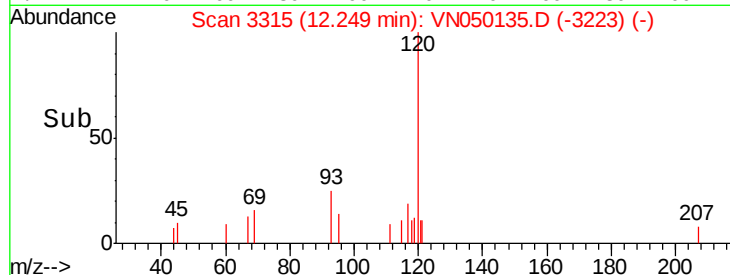
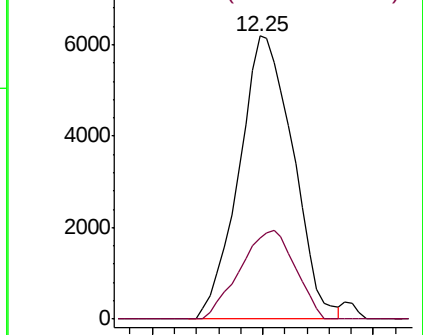
105 100

120 31.9 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: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

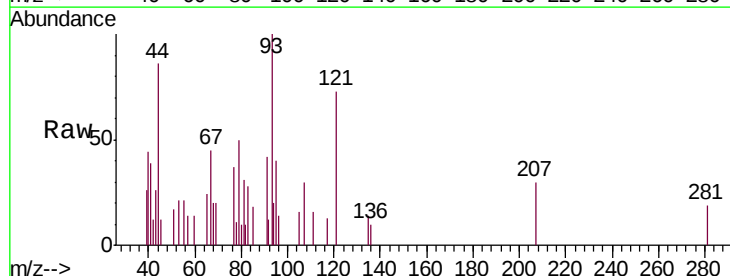
Tgt Ion: 83 Resp: 721

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

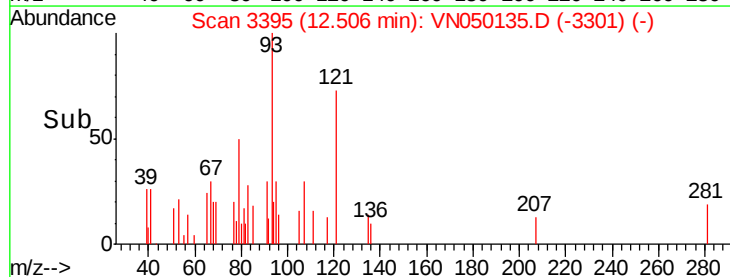
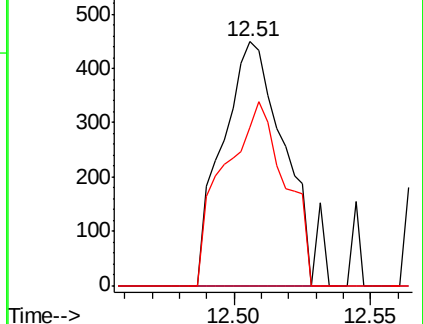
85 73.4 32.3 96.8

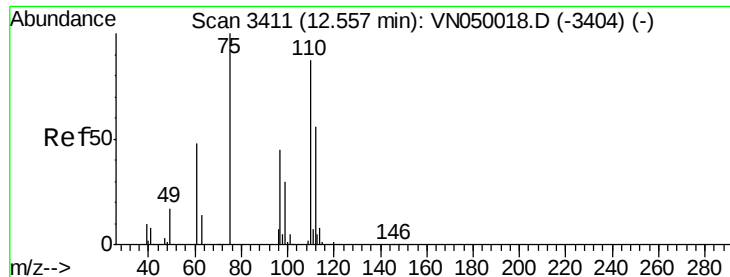


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 28.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

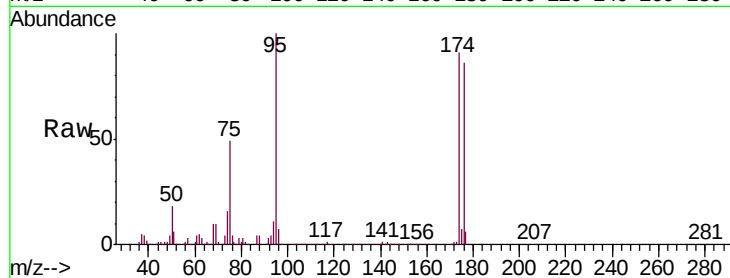
MW-6BDL

Tot Ion: 75 Resp: 238556

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

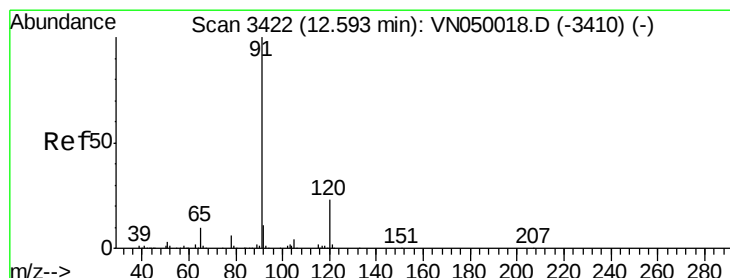
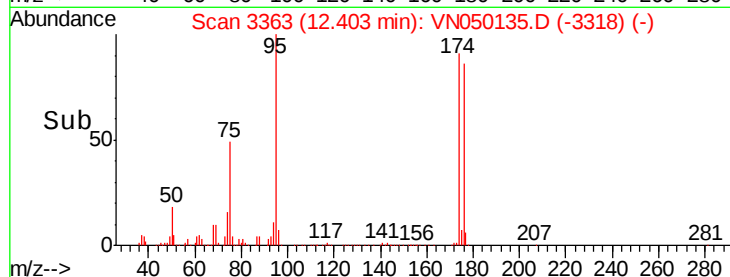
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.26 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050135.D

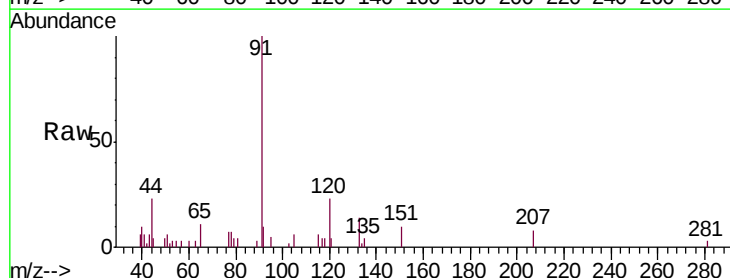
Acq: 27 Jul 2018 17:28

Tgt Ion: 91 Resp: 9936

Ion Ratio Lower Upper

91 100

120 24.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

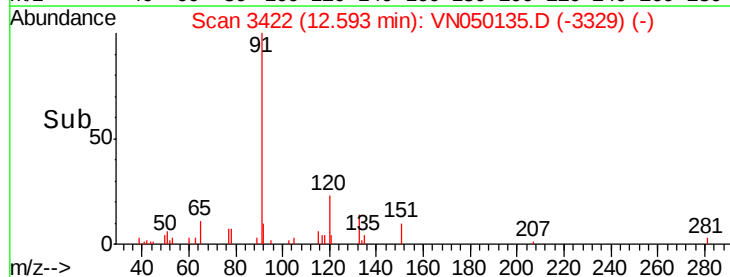
15000

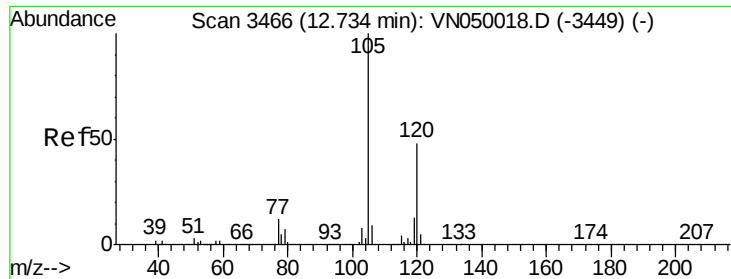
10000

5000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 1.78 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

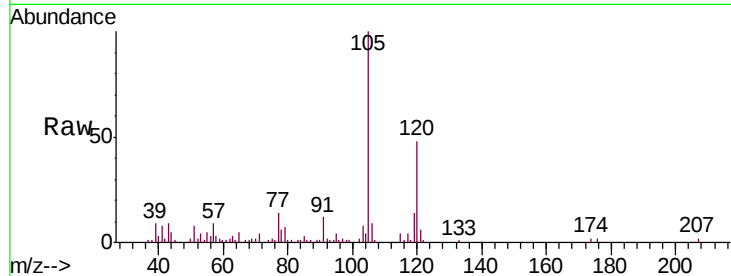
MW-6BDL

Tot Ion:105 Resp: 48655

Ion Ratio Lower Upper

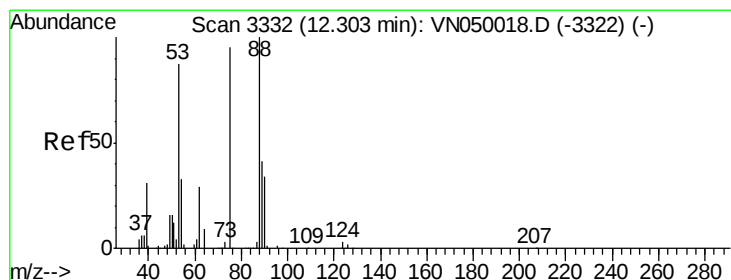
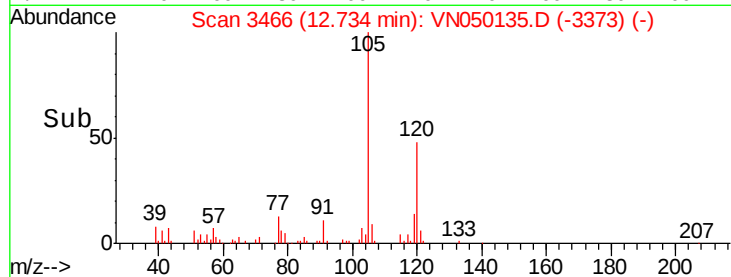
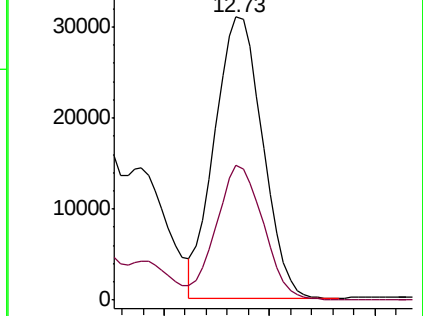
105 100

120 47.0 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: 91.01 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

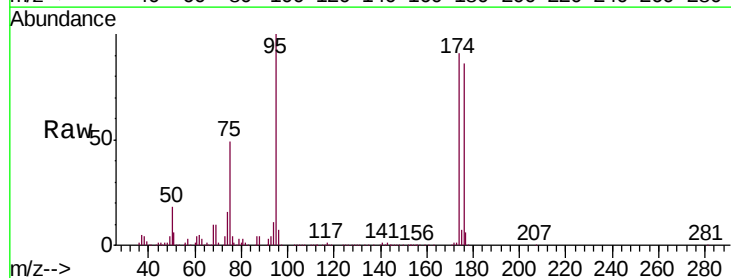
Tgt Ion: 75 Resp: 238556

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

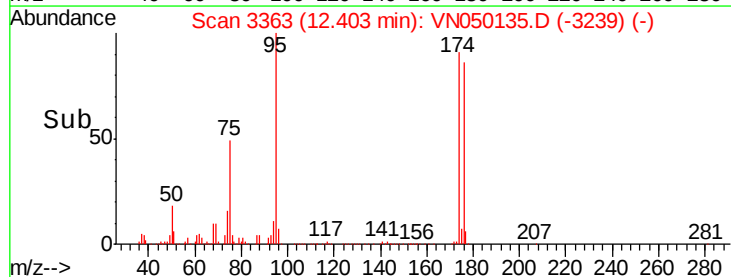
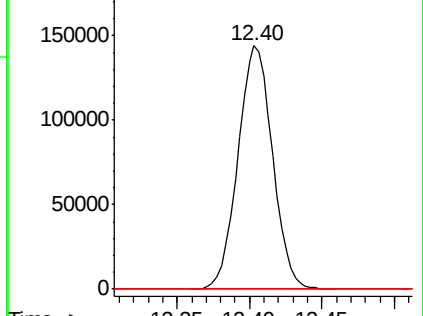
89 0.0 36.0 54.0#

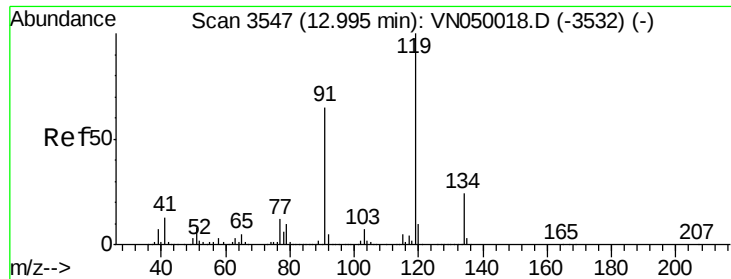


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: 0.48 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

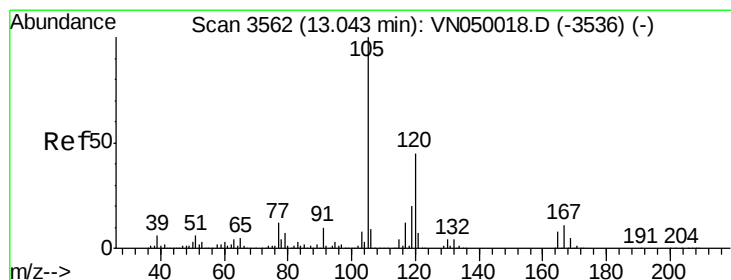
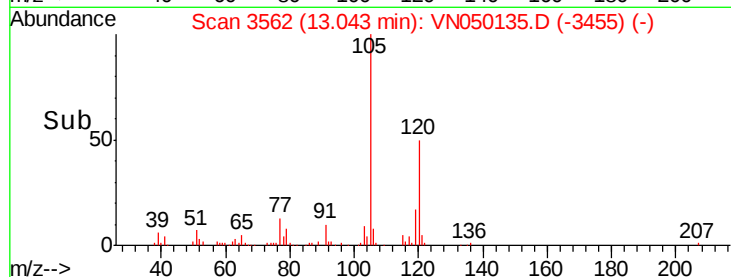
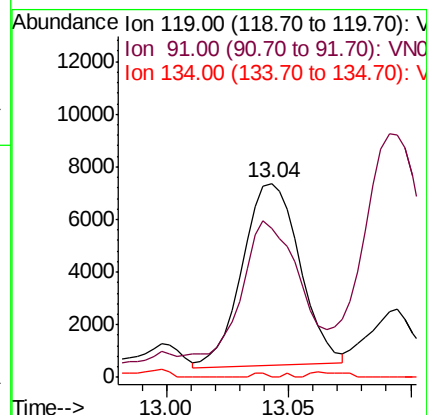
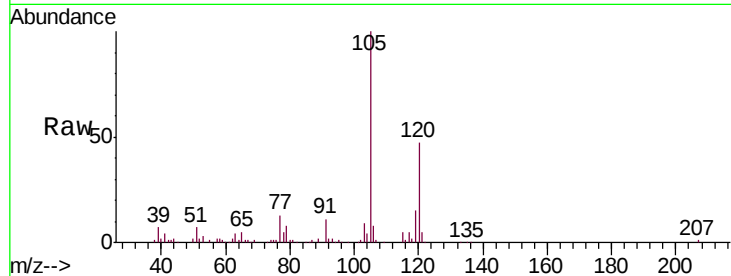
Tot Ion:119 Resp: 11361

Ion Ratio Lower Upper

119 100

91 77.4 32.1 96.3

134 0.0 13.2 39.5#



#84

1,2,4-Trimethylbenzene

Concen: 3.01 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050135.D

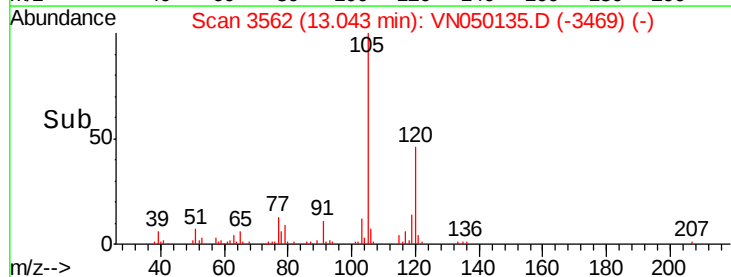
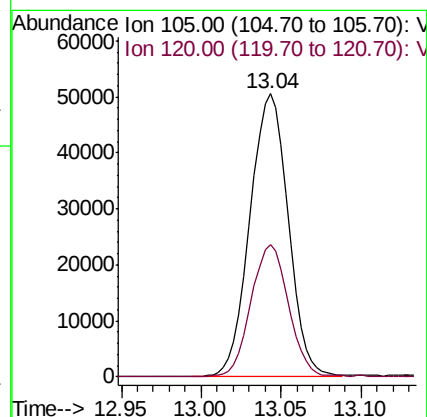
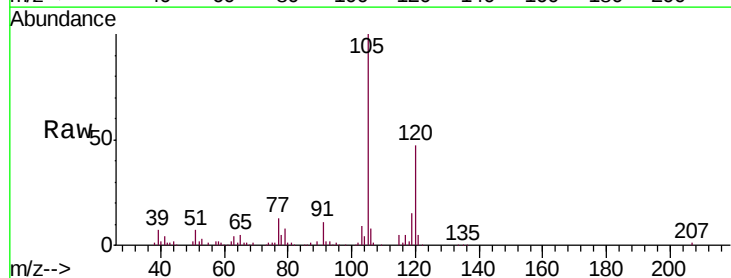
Acq: 27 Jul 2018 17:28

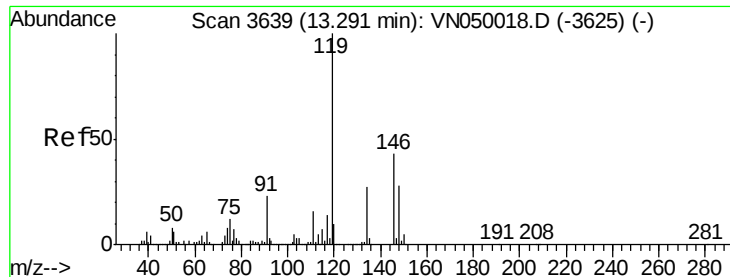
Tgt Ion:105 Resp: 82829

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.7

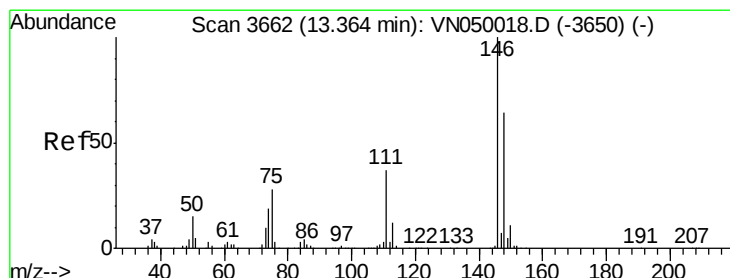
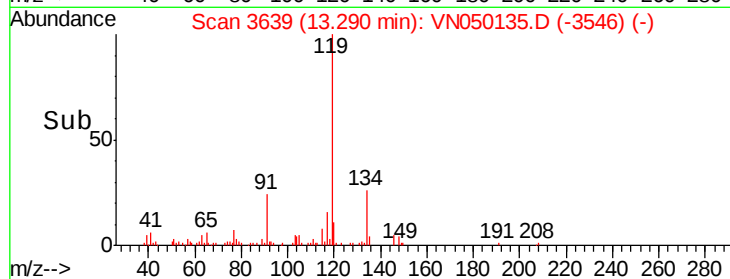
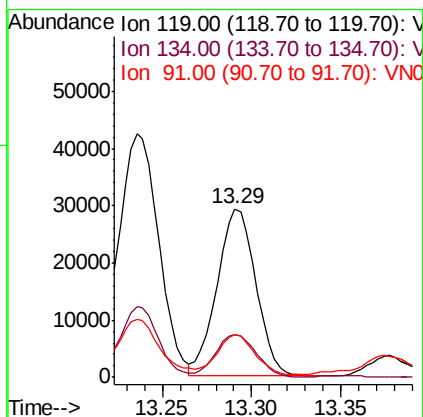
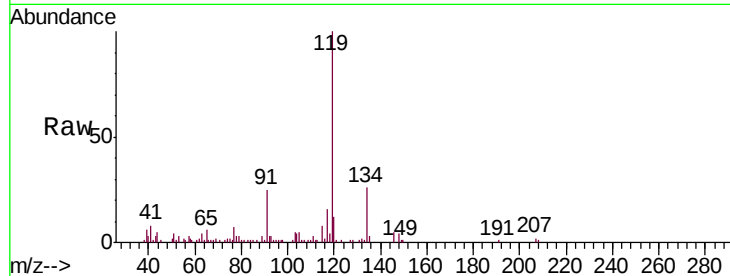




#86
 p-Isopropyltoluene
 Concen: 1.65 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050135.D
 Acq: 27 Jul 2018 17:28

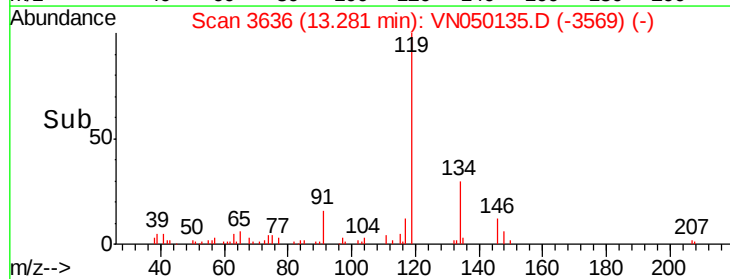
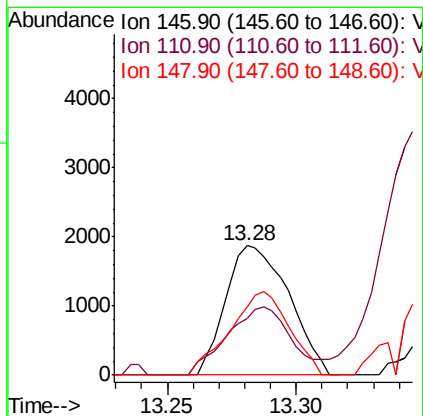
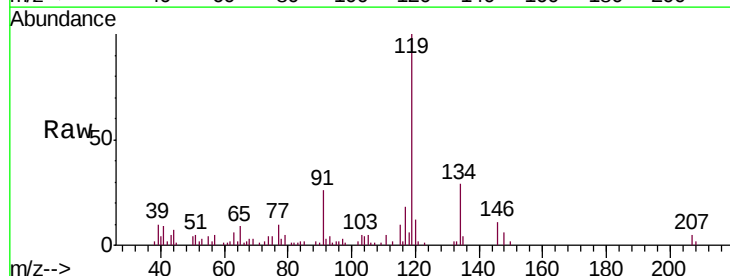
Instrument :
 MSVOA_N
 ClientSampled :
 MW-6BDL

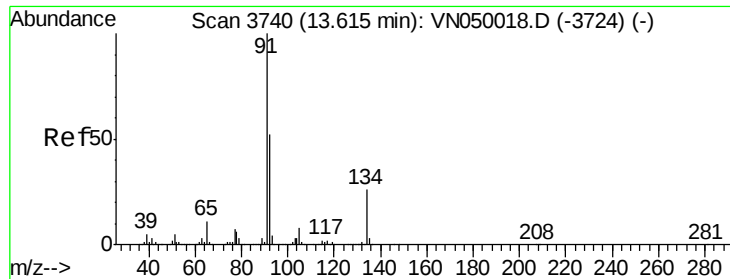
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.3	39.8
91	22.9	11.4	34.2



#88
 1,4-Dichlorobenzene
 Concen: 0.20 ug/l
 RT: 13.28 min Scan# 3636
 Delta R.T. -0.08 min
 Lab File: VN050135.D
 Acq: 27 Jul 2018 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	53.8	18.3	54.9
148	60.5	31.9	95.9

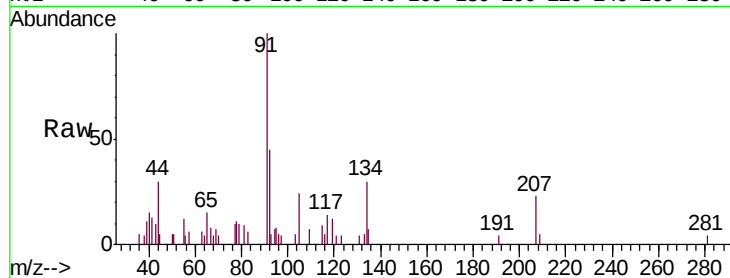




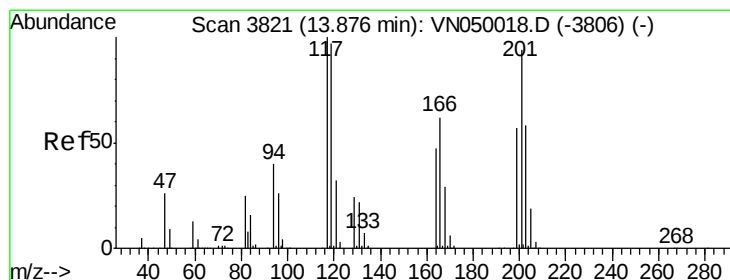
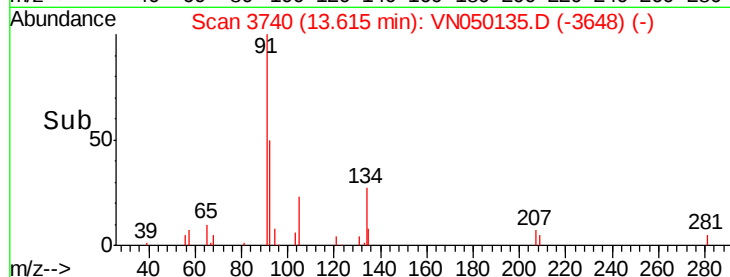
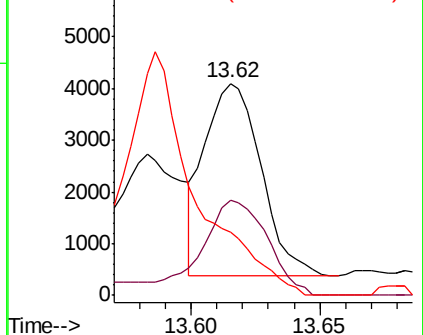
#89
n-Butylbenzene
Concen: 0.26 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

Tot Ion: 91 Resp: 5653
Ion Ratio Lower Upper
91 100
92 58.0 25.8 77.4
134 0.0 12.8 38.4#

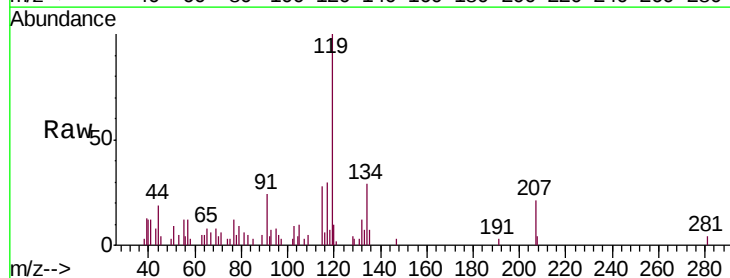


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

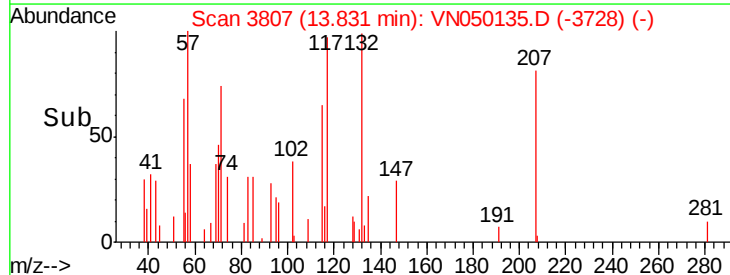
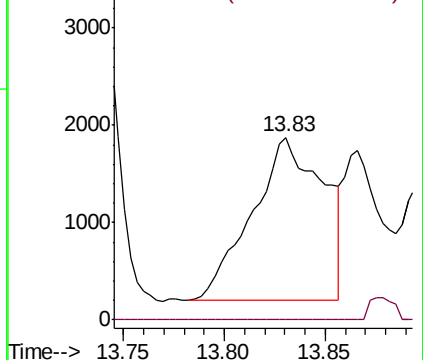


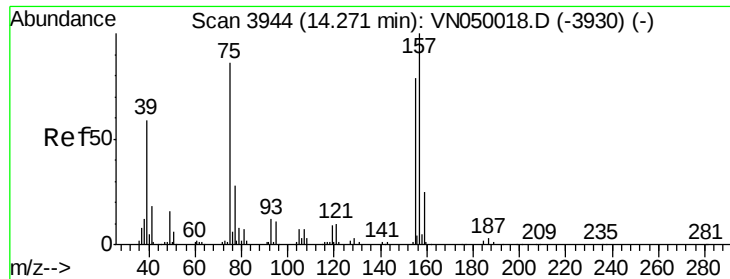
#90
Hexachloroethane
Concen: 0.69 ug/l
RT: 13.83 min Scan# 3807
Delta R.T. -0.04 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion: 117 Resp: 4137
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

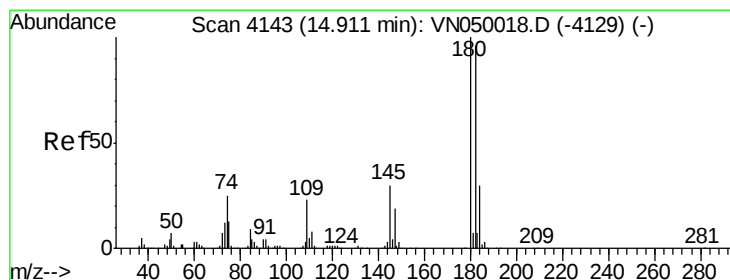
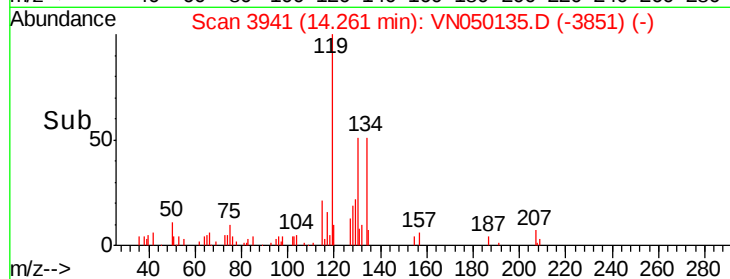
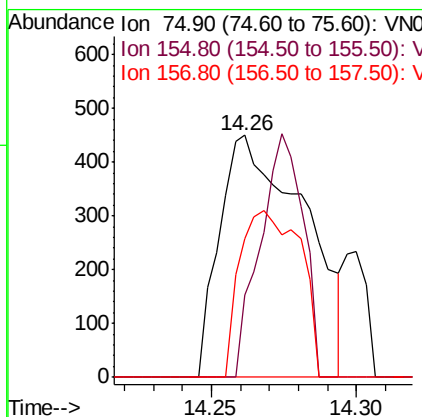
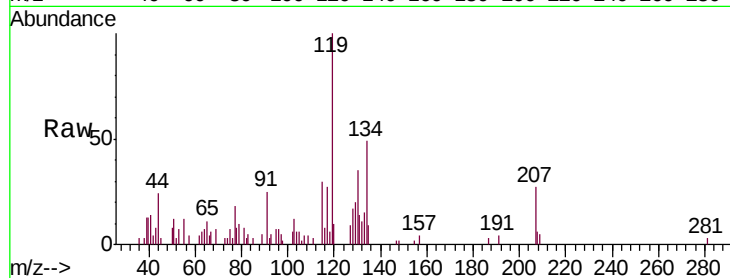




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3941
 Delta R.T. -0.01 min
 Lab File: VN050135.D
 Acq: 27 Jul 2018 17:28

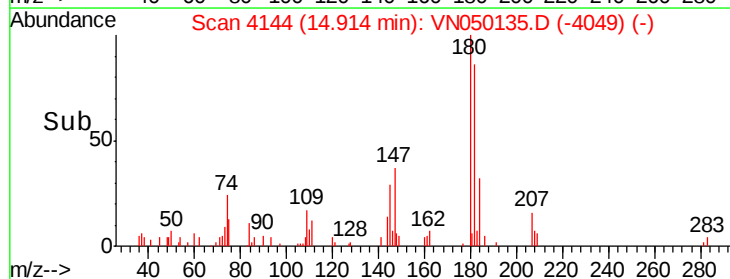
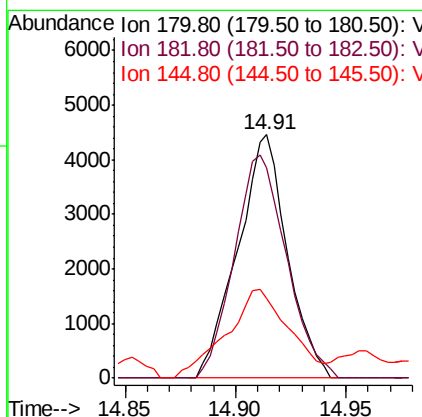
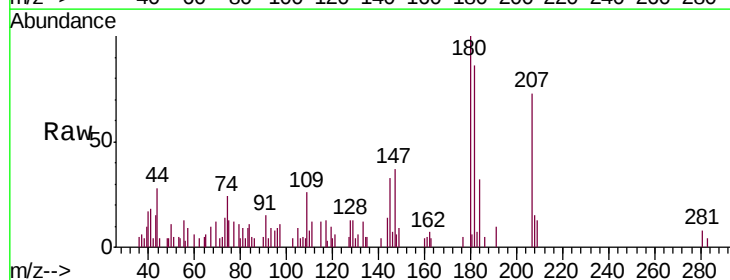
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

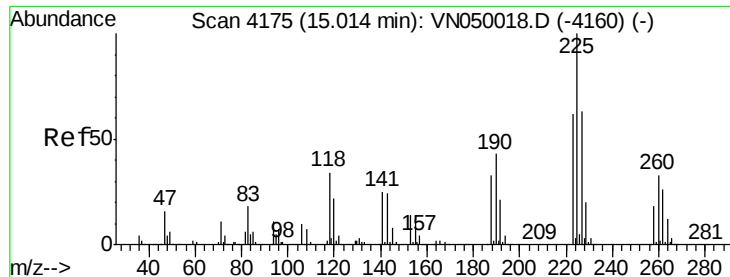
Tot Ion: 75 Resp: 914
 Ion Ratio Lower Upper
 75 100
 155 50.9 44.8 134.4
 157 49.1 57.2 171.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.84 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050135.D
 Acq: 27 Jul 2018 17:28

Tgt Ion: 180 Resp: 6965
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.7 140.1
 145 46.3 13.8 41.4#





#94

Hexachlorobutadiene

Concen: 0.44 ug/l

RT: 15.02 min Scan# 4176

Delta R.T. 0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

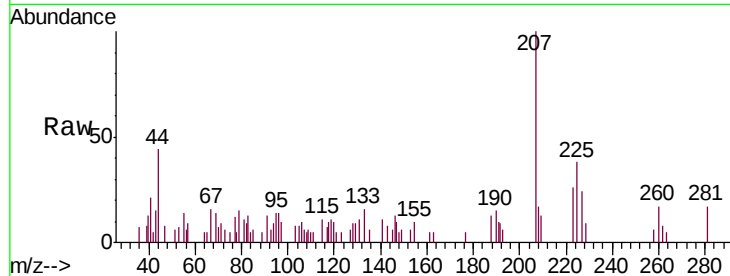
Tot Ion:225 Resp: 2216

Ion Ratio Lower Upper

225 100

223 60.2 31.4 94.2

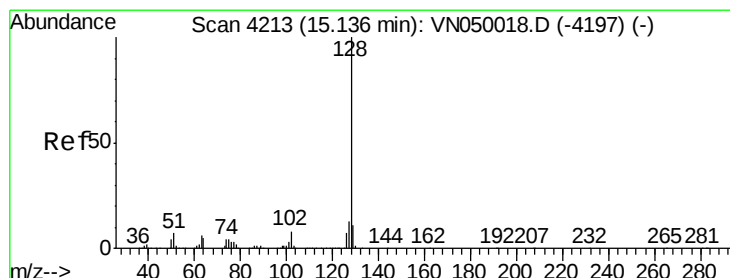
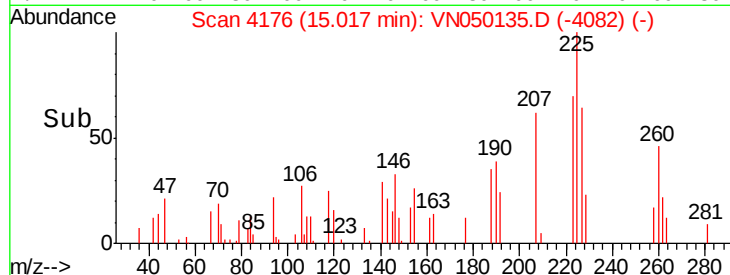
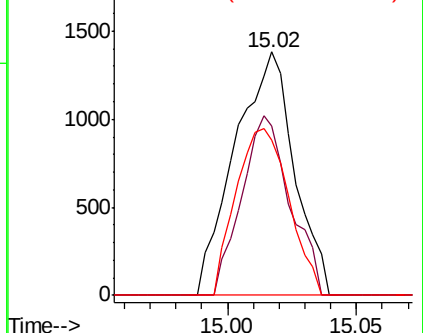
227 61.3 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 67.08 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

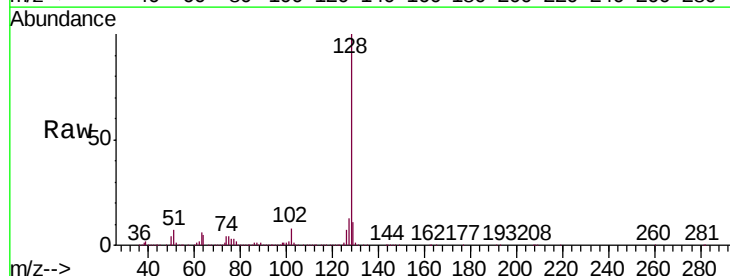
Tgt Ion:128 Resp: 1404203

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

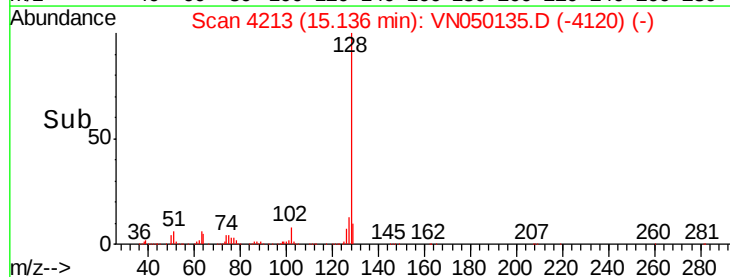
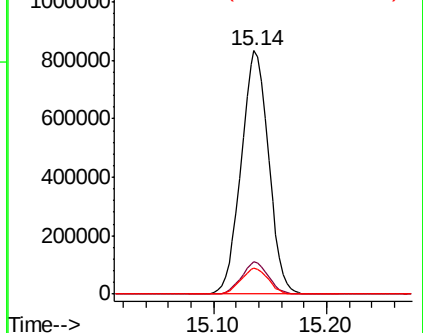
129 10.7 8.8 13.2

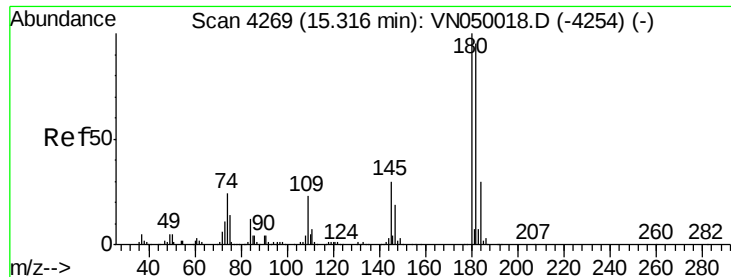


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 3.09 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

Tot Ion:180 Resp: 7816

Ion Ratio Lower Upper

180 100

182 90.7 48.1 144.4

145 52.5 15.3 45.9#

