

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050187.D
 Acq On : 30 Jul 2018 15:09
 Operator : MD\SY
 Sample : J4184-03DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

Quant Time: Jul 31 01:11:35 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	639342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1049854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	879220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399022	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	447274	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	401382	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
50) Toluene-d8	10.09	98	1418716	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	
62) 4-Bromofluorobenzene	12.40	95	428521	41.30	ug/l	0.00
Spiked Amount			Recovery	=	82.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	162	Below Cal	#	36
16) Acetone	3.82	43	13717	2.22	ug/l	84
18) Methyl Acetate	4.33	43	21888	1.08	ug/l	100
20) Methylene Chloride	4.55	84	891	Below Cal	#	72
25) 2-Butanone	6.84	43	9810	2.88	ug/l	88
31) Cyclohexane	7.67	56	12566	0.96	ug/l	1
36) 1,1-Dichloropropene	7.67	75	45931	3.88	ug/l	48
38) Carbon Tetrachloride	7.67	117	59129	4.71	ug/l	17
40) Benzene	8.04	78	7741	0.22	ug/l	93
41) Methacrylonitrile	7.21	41	72	2.76	ug/l	10
43) Isopropyl Acetate	8.25	43	158466	9.27	ug/l	61
52) Toluene	10.16	92	42128	1.98	ug/l	98
56) Ethyl methacrylate	10.44	69	29	2.03	ug/l	1
59) 2-Hexanone	10.76	43	555	5.27	ug/l	24
67) Ethyl Benzene	11.51	91	98953	2.77	ug/l	99
68) m/p-Xylenes	11.62	106	98526	7.30	ug/l	98
69) o-Xylene	11.95	106	54936	4.27	ug/l	94
70) Styrene	11.97	104	33708	2.37	ug/l	81
71) Bromoform	12.41	173	3679	0.59	ug/l	1
73) Isopropylbenzene	12.25	105	15258	0.49	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.40	83	390	Below Cal	#	6
76) 1,2,3-Trichloropropane	12.40	75	210316	28.36	ug/l	100
78) n-propylbenzene	12.59	91	9902	0.29	ug/l	97
79) 2-Chlorotoluene	12.66	91	17915	0.84	ug/l	40
80) 1,3,5-Trimethylbenzene	12.73	105	82677	3.40	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	210316	89.96	ug/l	13
82) 4-Chlorotoluene	12.73	91	8161	0.38	ug/l	41
83) tert-Butylbenzene	13.04	119	19605	0.92	ug/l	67
84) 1,2,4-Trimethylbenzene	13.04	105	140127	5.71	ug/l	99
86) p-Isopropyltoluene	13.29	119	73975	3.09	ug/l	98
89) n-Butylbenzene	13.58	91	6114	0.31	ug/l	1
90) Hexachloroethane	13.83	117	6431	1.21	ug/l	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	402	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	418	3.14	ug/l	1

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

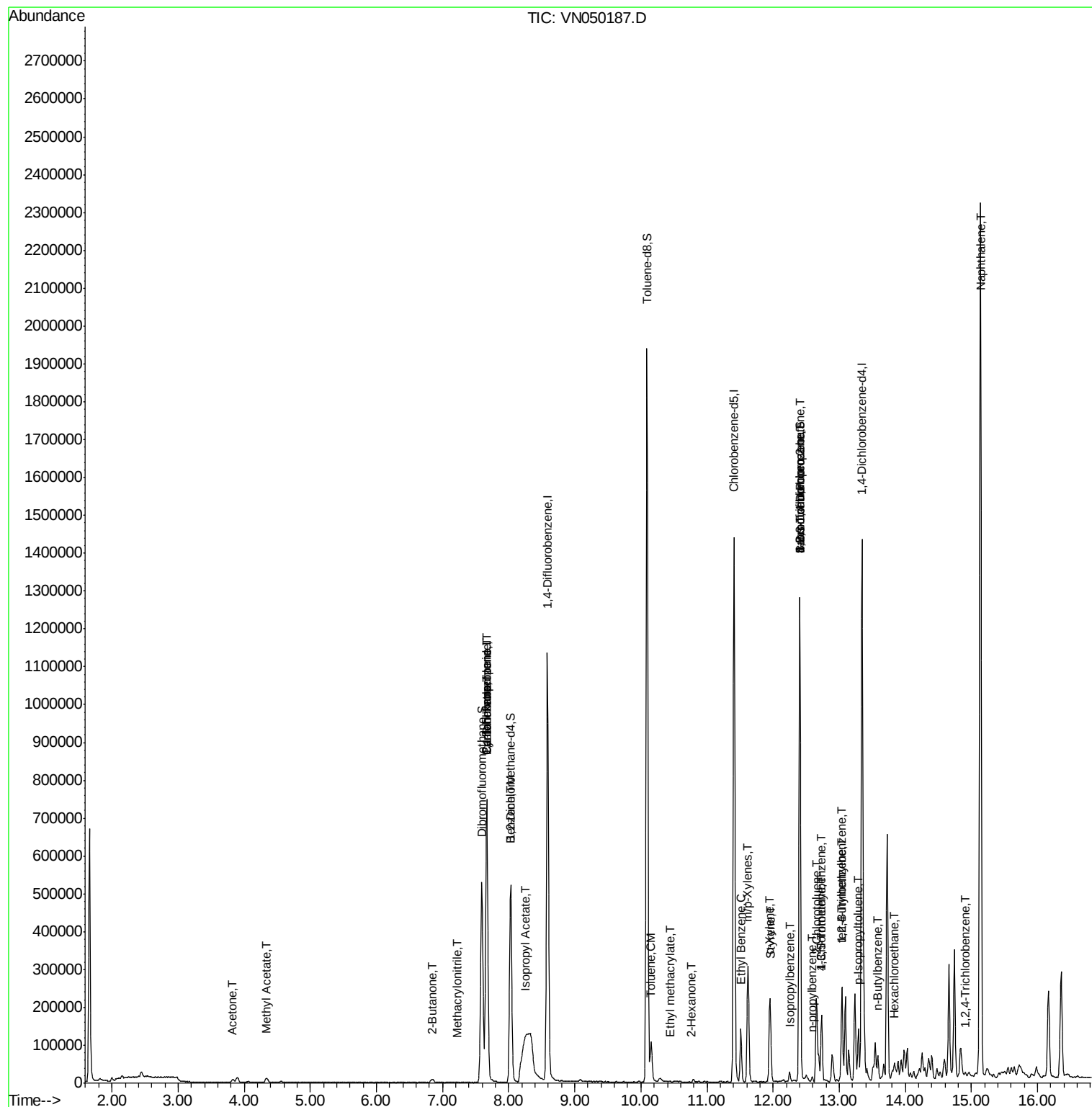
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	1983479	103.65	ug/l	100

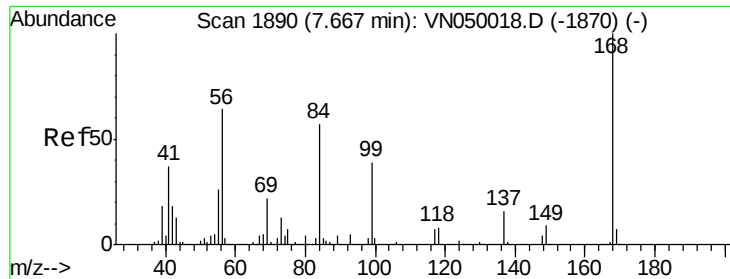
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampleId :

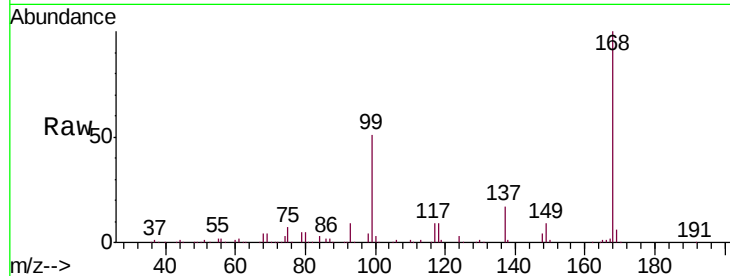
MW-6BDL

Tot Ion:168 Resp: 639342

Ion Ratio Lower Upper

168 100

99 51.4 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

250000

200000

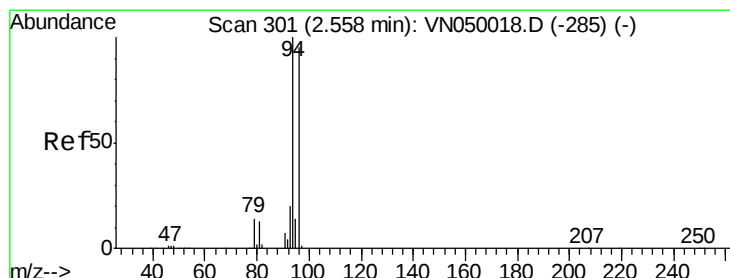
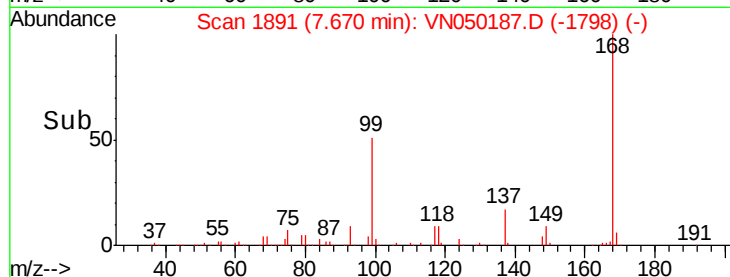
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 297

Delta R.T. -0.01 min

Lab File: VN050187.D

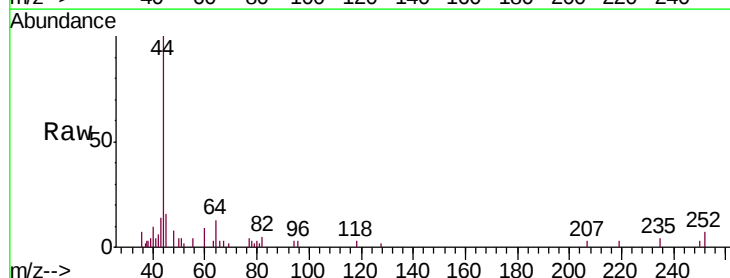
Acq: 30 Jul 2018 15:09

Tgt Ion: 94 Resp: 162

Ion Ratio Lower Upper

94 100

96 31.3 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

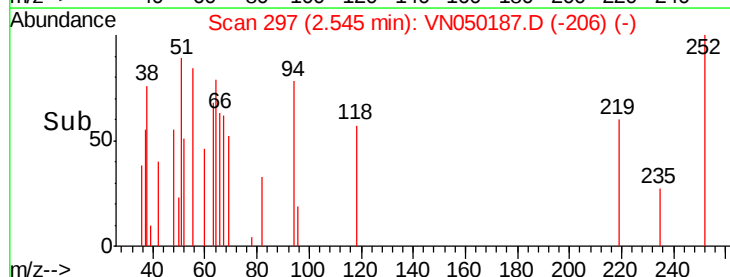
300

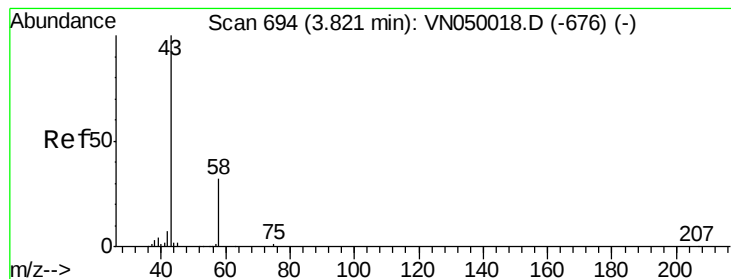
200

100

0

Time-->





#16

Acetone

Concen: 2.22 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampled :

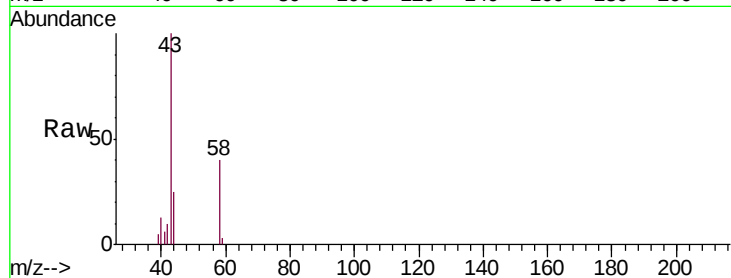
MW-6BDL

Tot Ion: 43 Resp: 13717

Ion Ratio Lower Upper

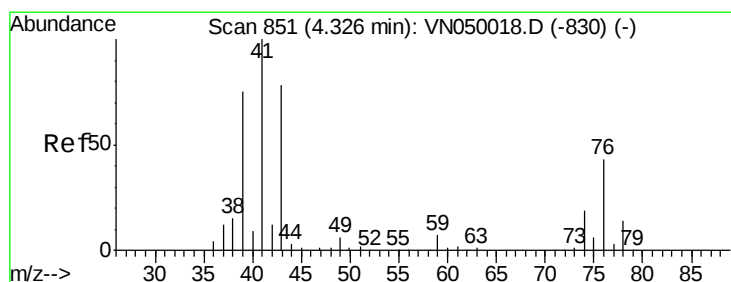
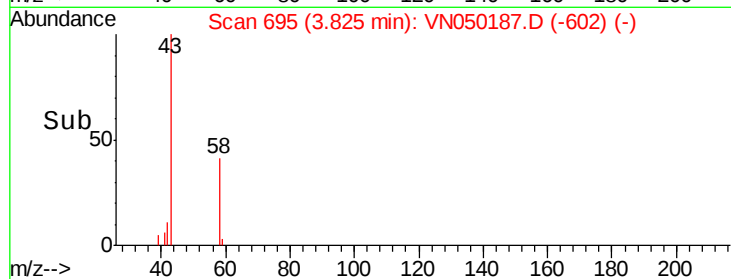
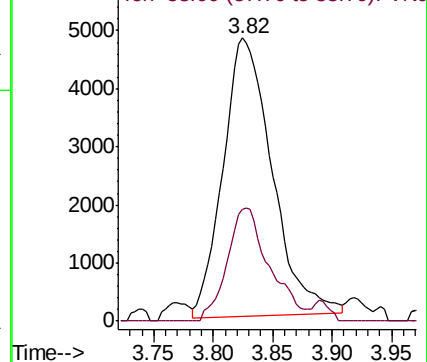
43 100

58 41.3 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.08 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050187.D

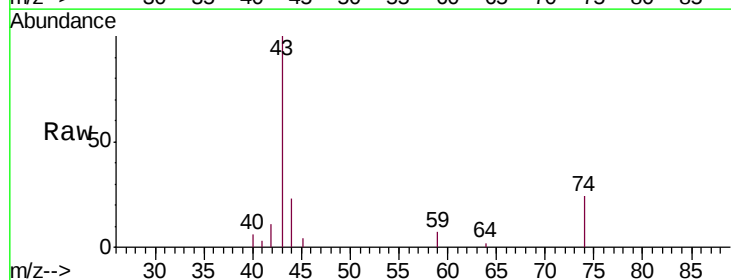
Acq: 30 Jul 2018 15:09

Tgt Ion: 43 Resp: 21888

Ion Ratio Lower Upper

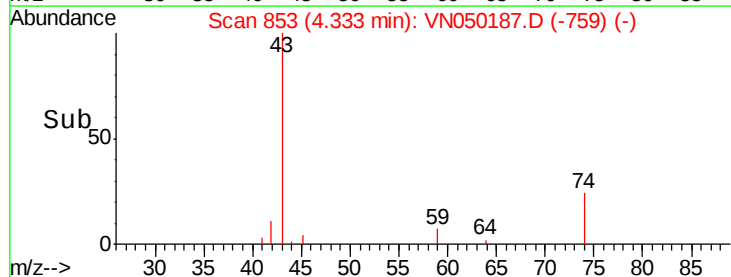
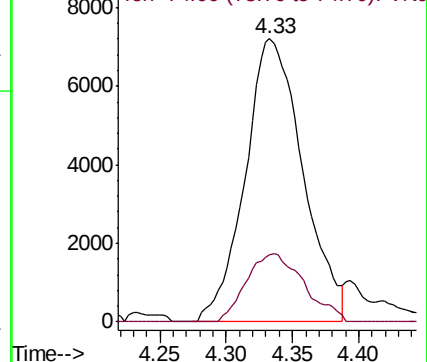
43 100

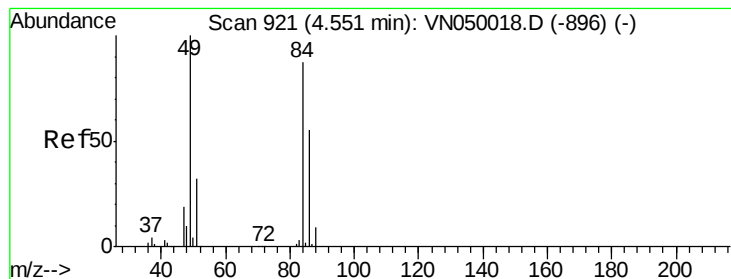
74 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

Tot Ion: 84 Resp: 891

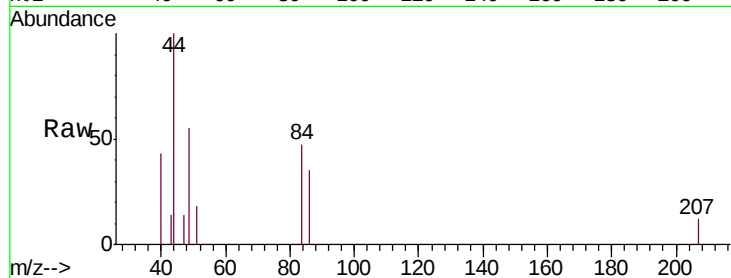
Ion Ratio Lower Upper

84 100

49 71.6 94.8 142.2#

51 37.6 28.3 42.5

86 75.3 51.0 76.6

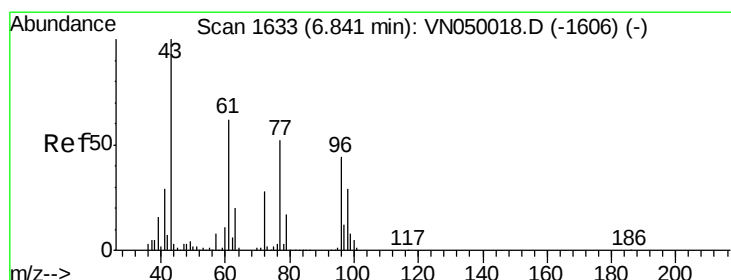
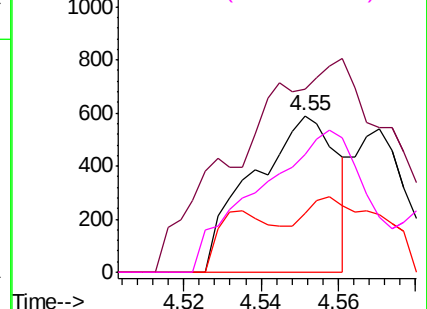
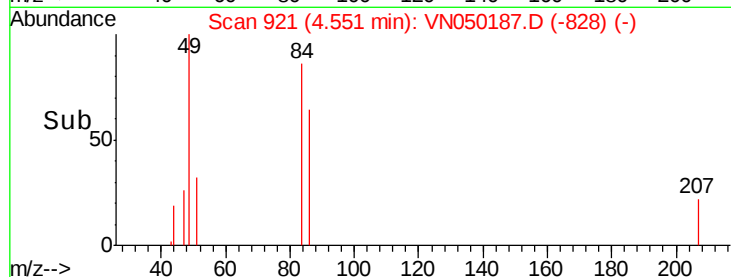


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 2.88 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050187.D

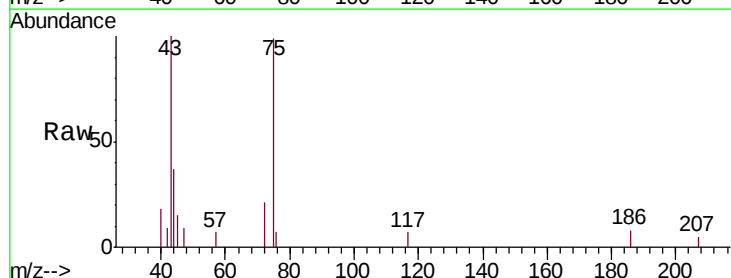
Acq: 30 Jul 2018 15:09

Tgt Ion: 43 Resp: 9810

Ion Ratio Lower Upper

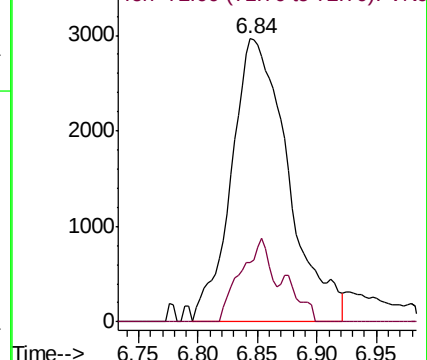
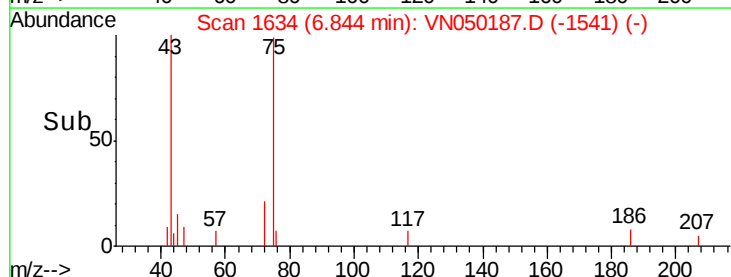
43 100

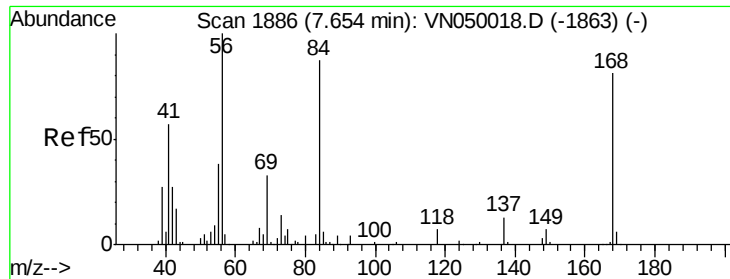
72 20.9 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

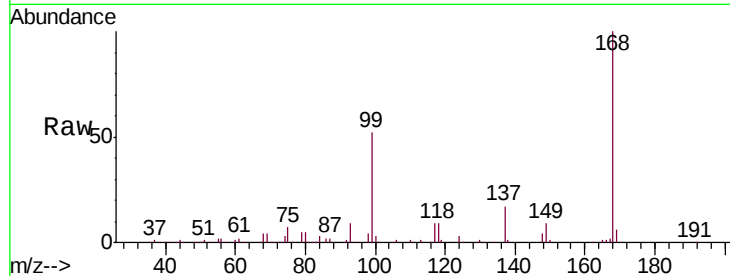




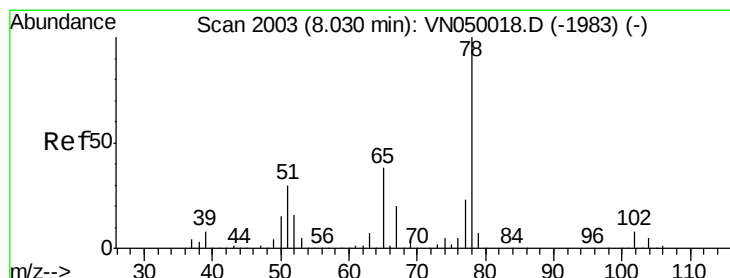
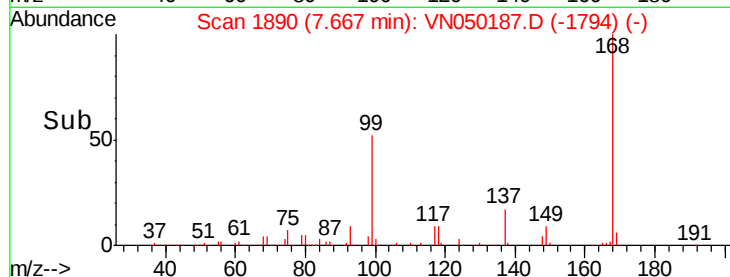
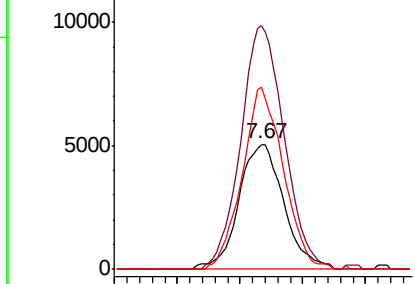
#31
Cyclohexane
Concen: 0.96 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

Tot Ion: 56 Resp: 12566
Ion Ratio Lower Upper
56 100
69 195.2 26.2 39.4#
84 146.4 67.4 101.0#

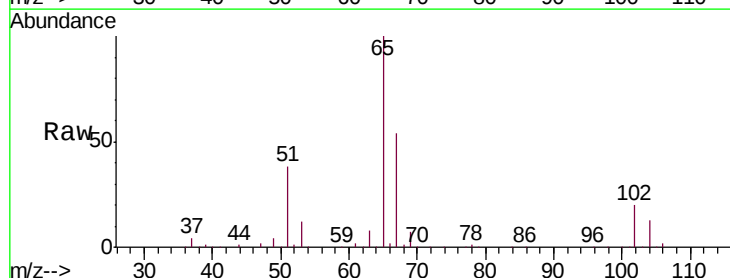


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

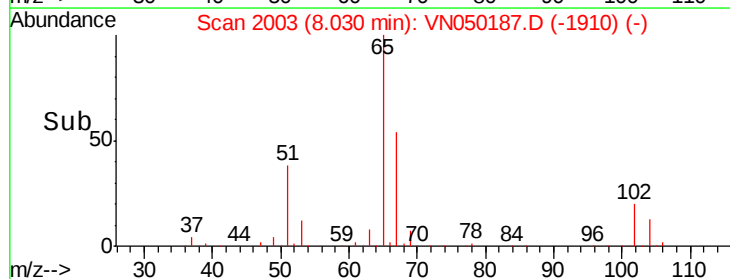
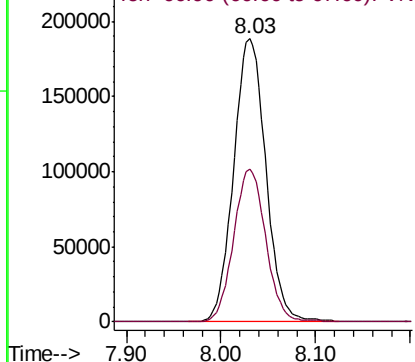


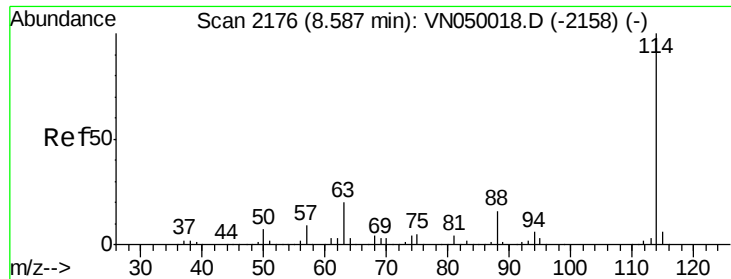
#33
1,2-Dichloroethane-d4
Concen: 50.14 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

Tgt Ion: 65 Resp: 447274
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

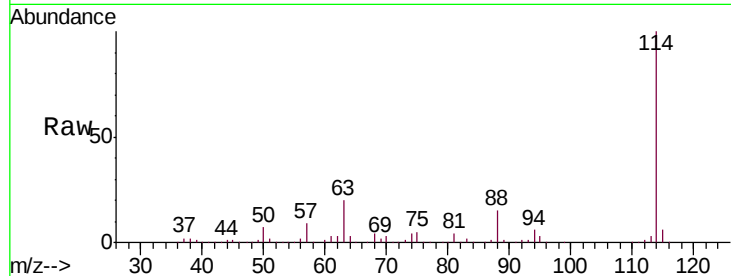




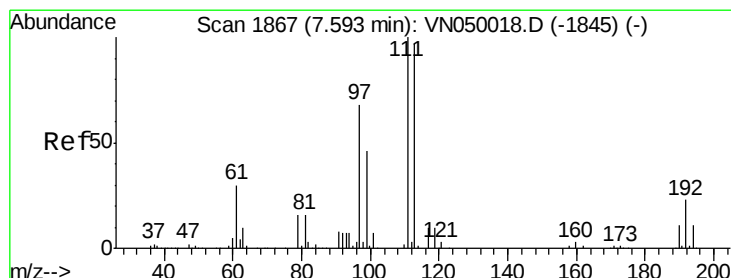
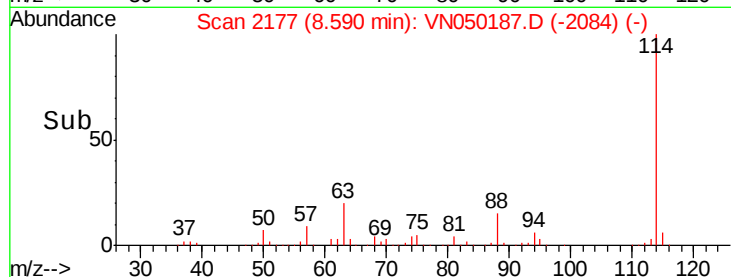
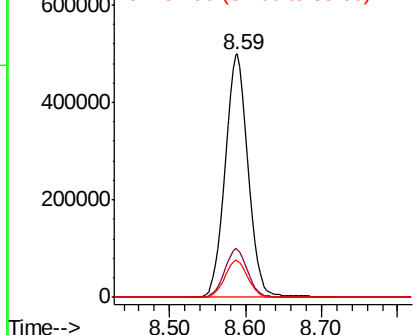
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050187.D
 Acq: 30 Jul 2018 15:09

Instrument :
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 ClientSampleId :
 MW-6BDL

Tot Ion:114 Resp: 1049854
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.1 0.0 31.2

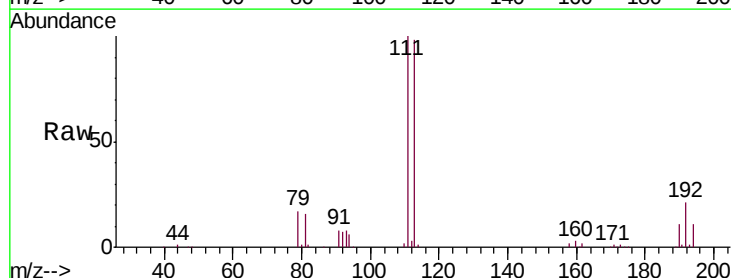


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

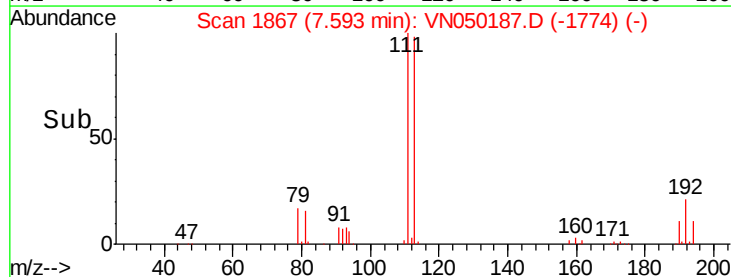
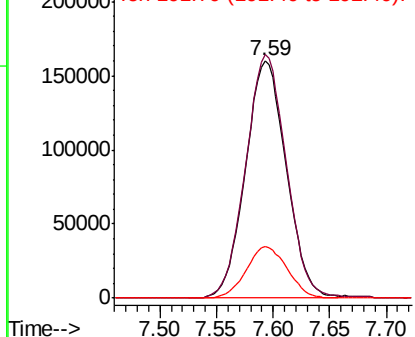


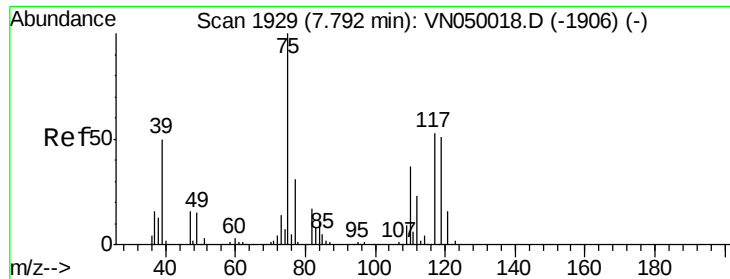
#35
 Dibromofluoromethane
 Concen: 46.83 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050187.D
 Acq: 30 Jul 2018 15:09

Tgt Ion:113 Resp: 401382
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 21.8 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

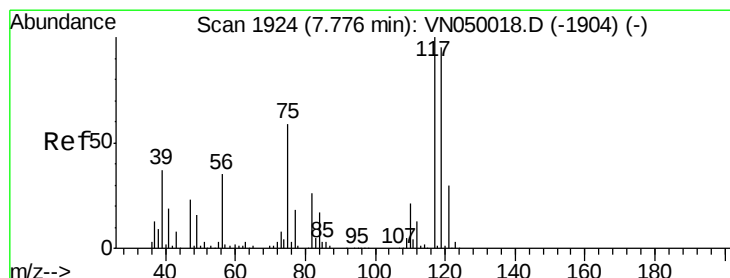
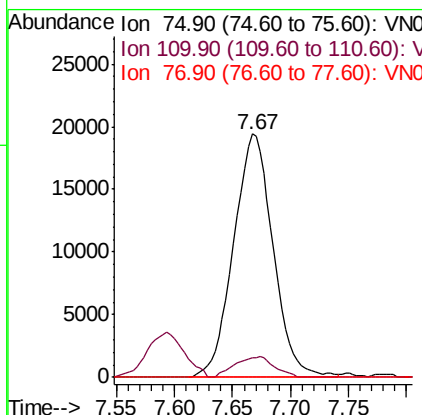
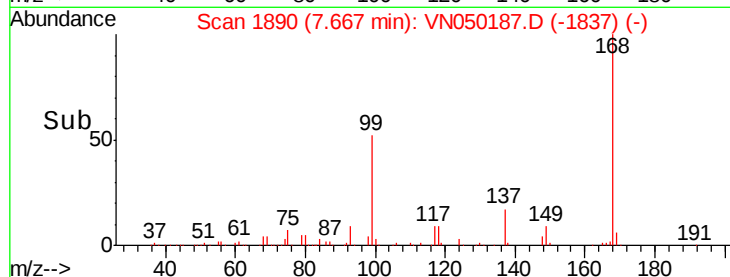
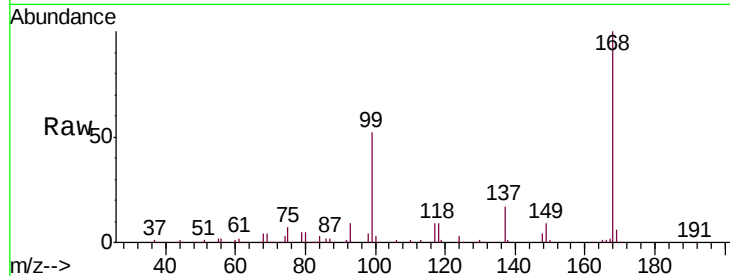




#36
 1,1-Dichloropropene
 Concen: 3.88 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050187.D
 Acq: 30 Jul 2018 15:09

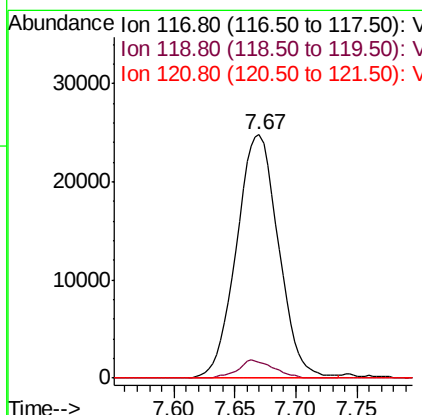
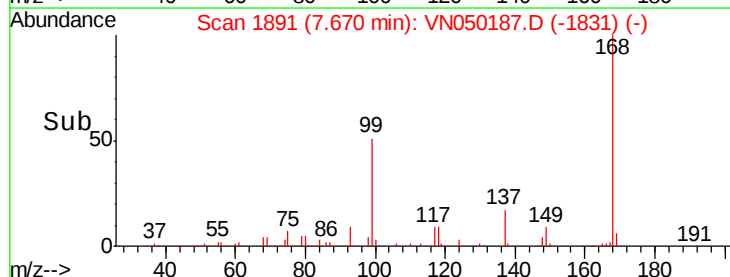
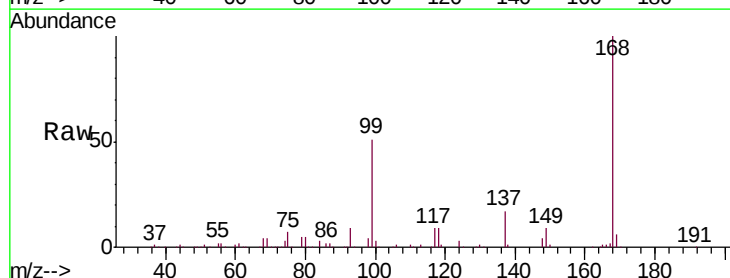
Instrument :
 MSVOA_N
 ClientSampled :
 MW-6BDL

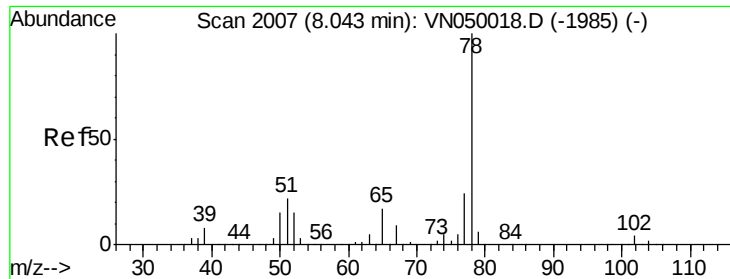
Tot Ion: 75 Resp: 45931
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.71 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050187.D
 Acq: 30 Jul 2018 15:09

Tgt Ion: 117 Resp: 59129
 Ion Ratio Lower Upper
 117 100
 119 6.6 77.4 116.0#
 121 0.0 23.9 35.9#





#40

Benzene

Concen: 0.22 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampleId :

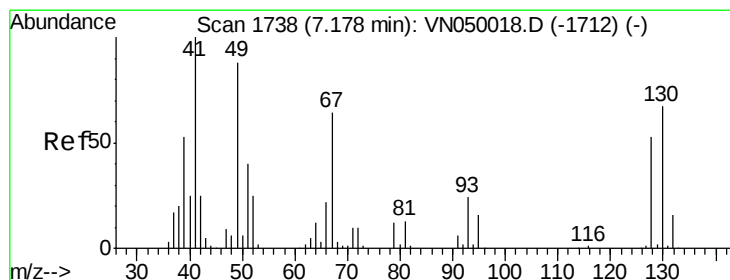
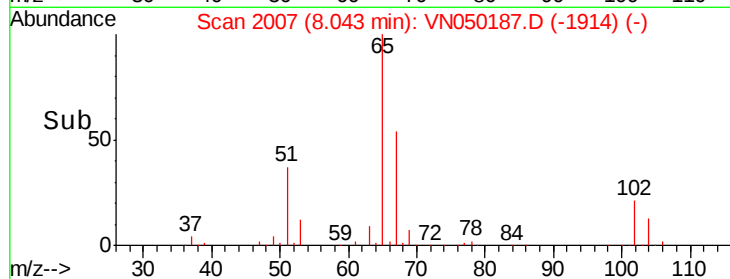
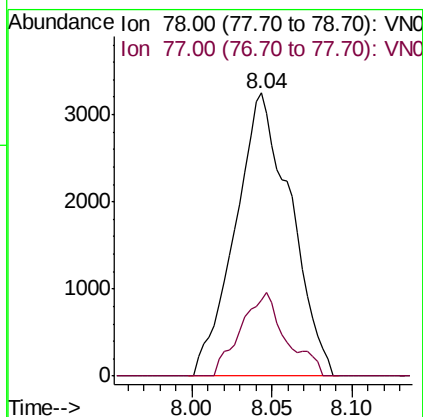
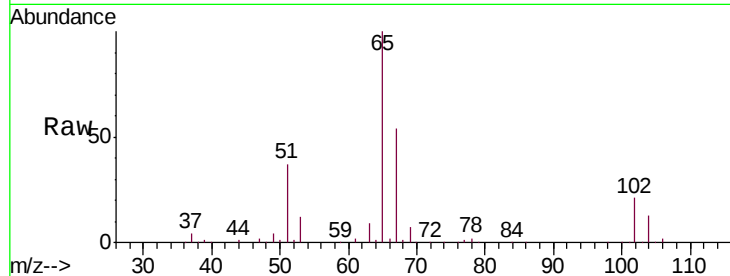
MW-6BDL

Tot Ion: 78 Resp: 7741

Ion Ratio Lower Upper

78 100

77 27.0 18.7 28.1



#41

Methacrylonitrile

Concen: 2.76 ug/l

RT: 7.21 min Scan# 1747

Delta R.T. 0.03 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

Tgt Ion: 41 Resp: 72

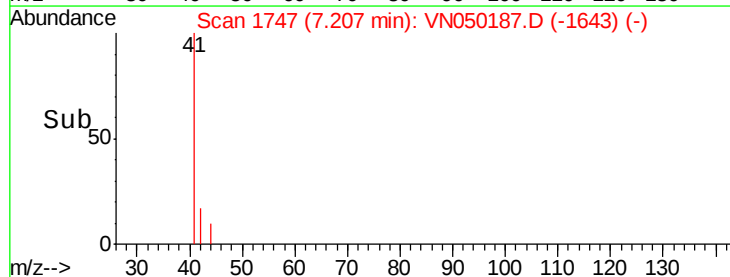
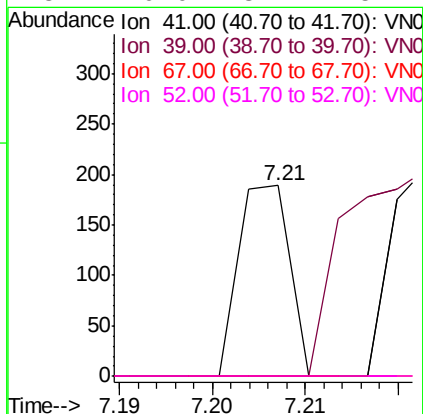
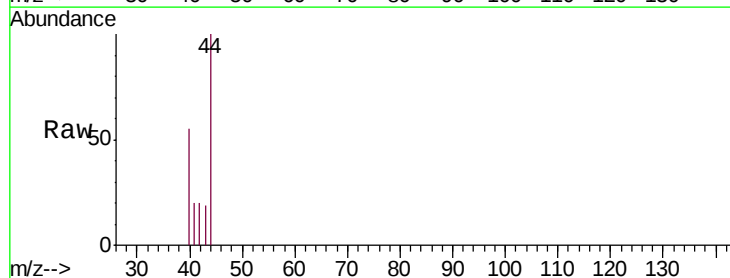
Ion Ratio Lower Upper

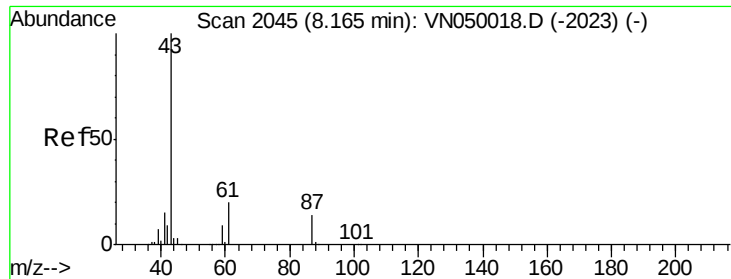
41 100

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: 9.27 ug/l

RT: 8.25 min Scan# 2071

Delta R.T. 0.08 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

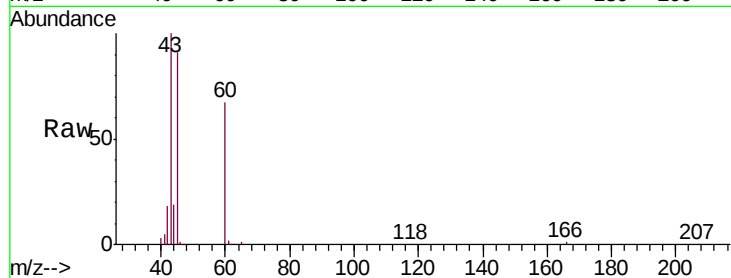
Tot Ion: 43 Resp: 158466

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

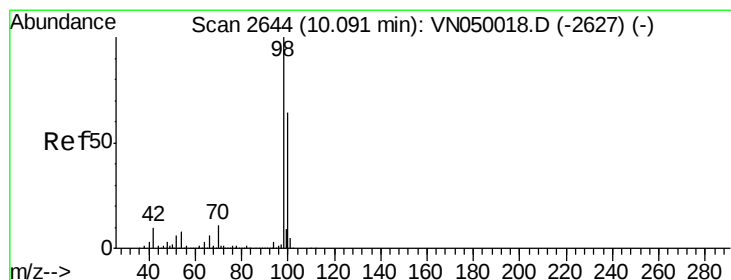
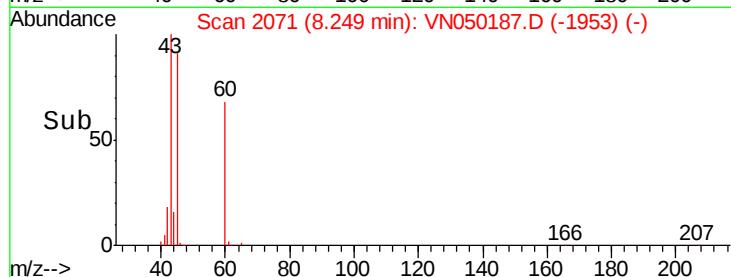
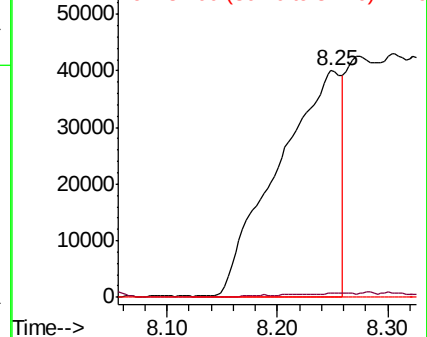
87 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.02 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050187.D

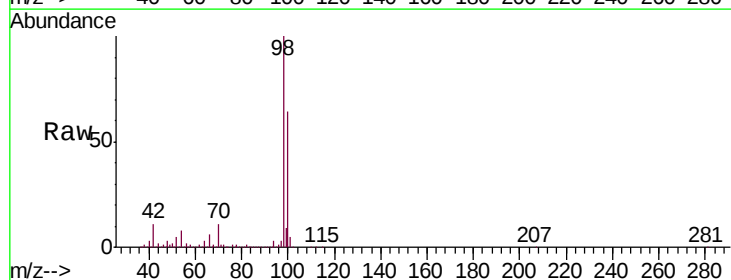
Acq: 30 Jul 2018 15:09

Tgt Ion: 98 Resp: 1418716

Ion Ratio Lower Upper

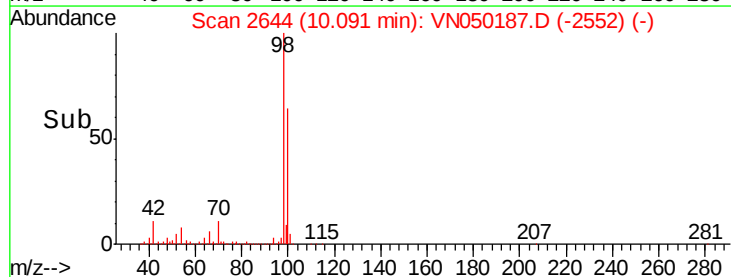
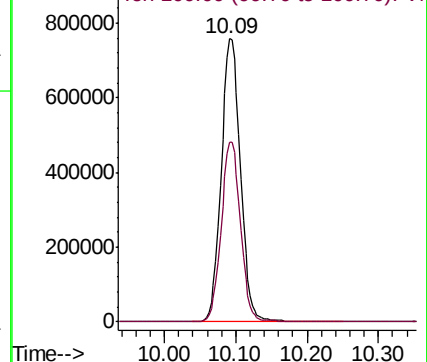
98 100

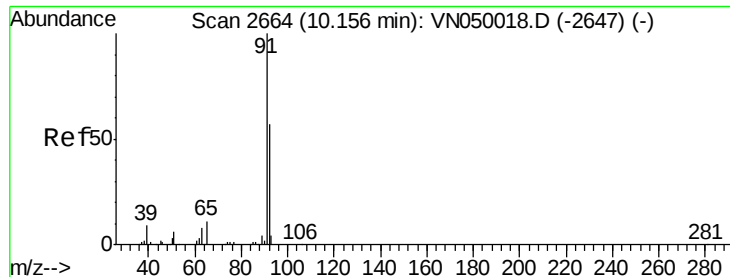
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 1.98 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampled :

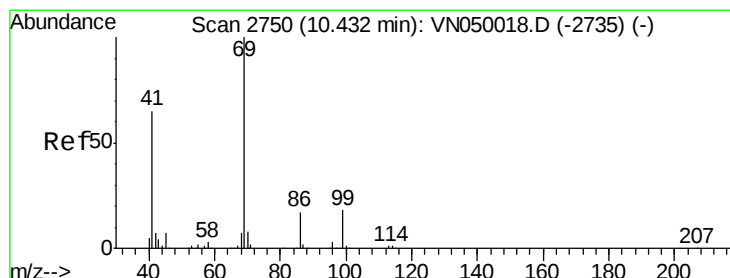
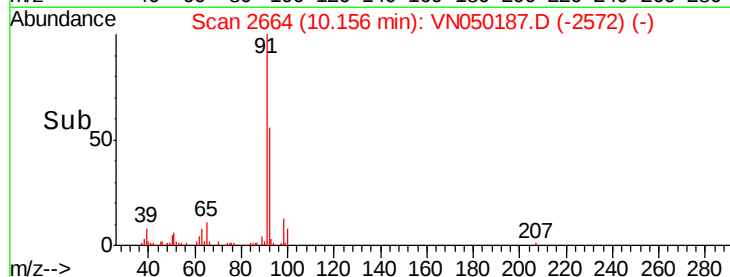
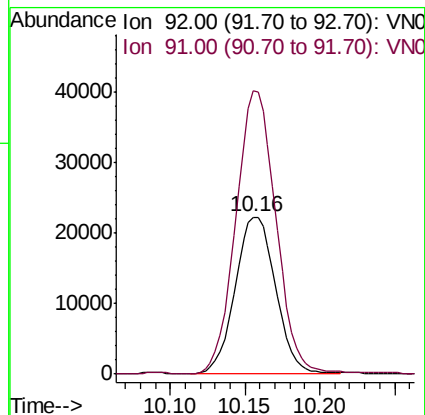
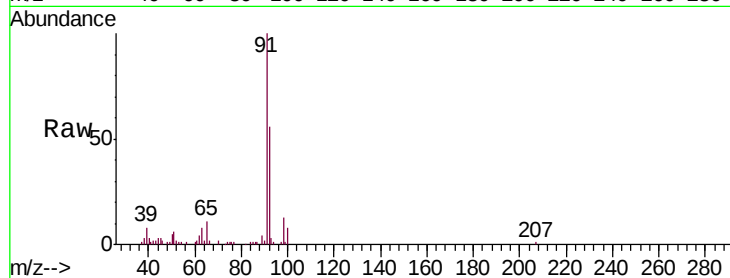
MW-6BDL

Tot Ion: 92 Resp: 42128

Ion Ratio Lower Upper

92 100

91 178.4 140.3 210.5



#56

Ethyl methacrylate

Concen: 2.03 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

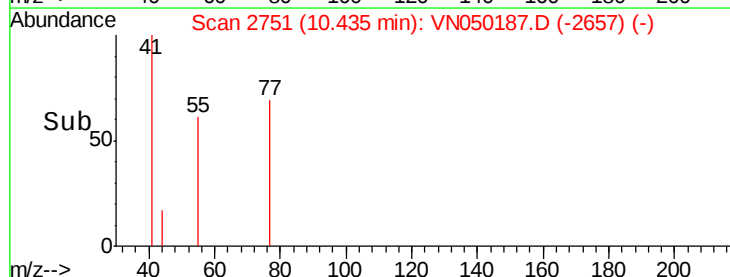
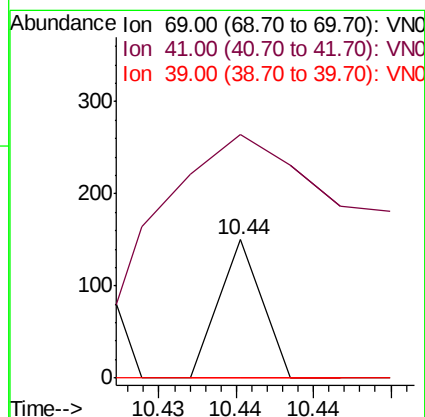
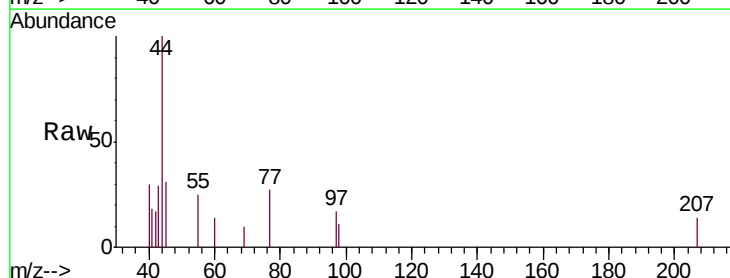
Tgt Ion: 69 Resp: 29

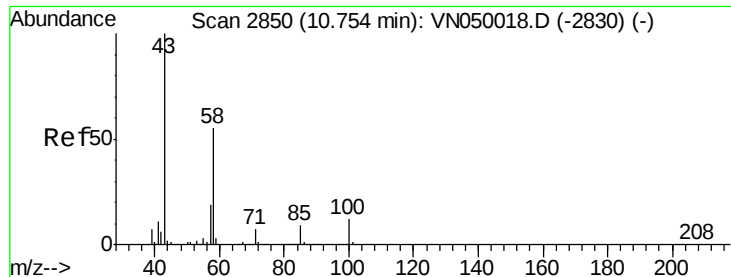
Ion Ratio Lower Upper

69 100

41 1058.6 51.0 76.4#

39 0.0 26.6 40.0#

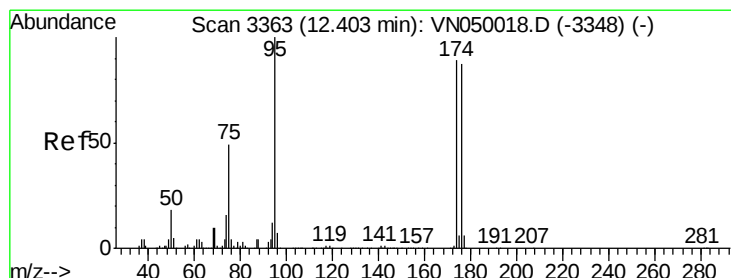
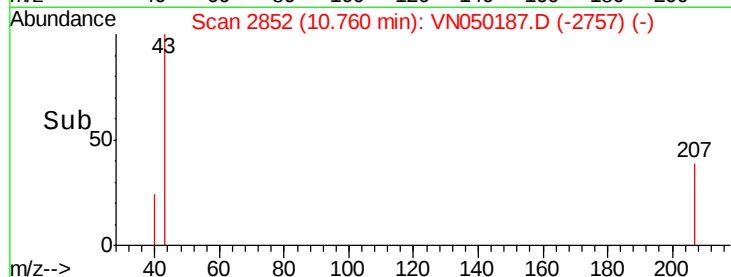
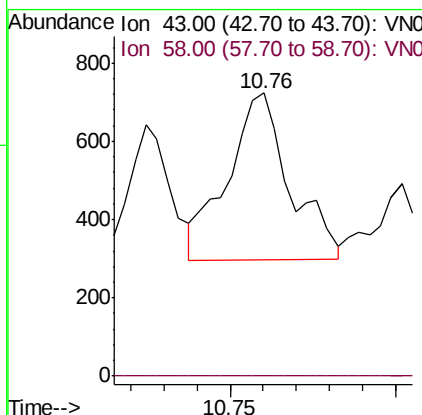
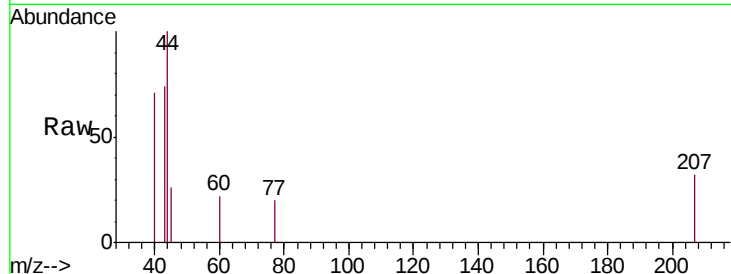




#59
2-Hexanone
Concen: 5.27 ug/l
RT: 10.76 min Scan# 2852
Delta R.T. 0.01 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

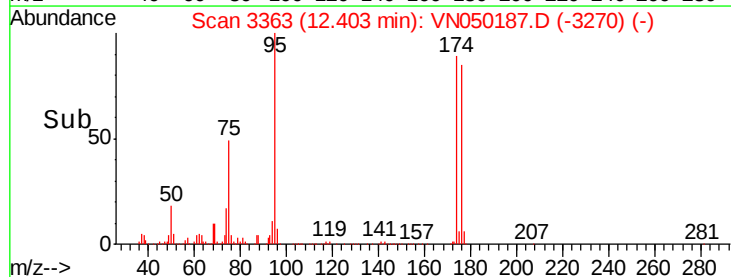
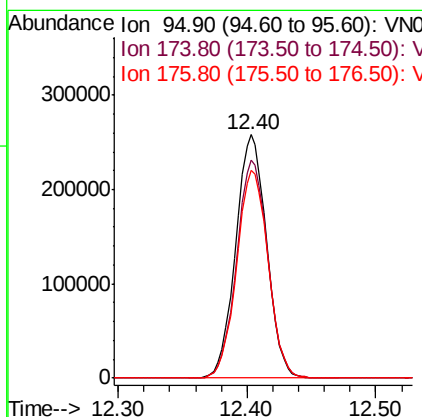
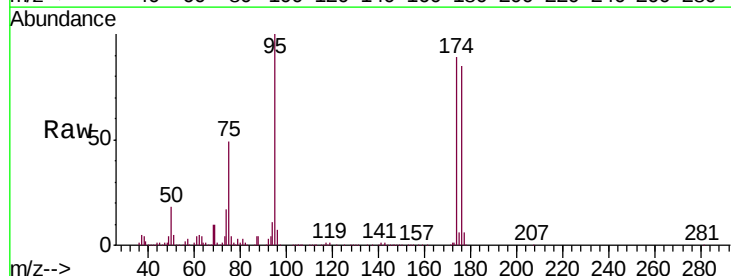
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

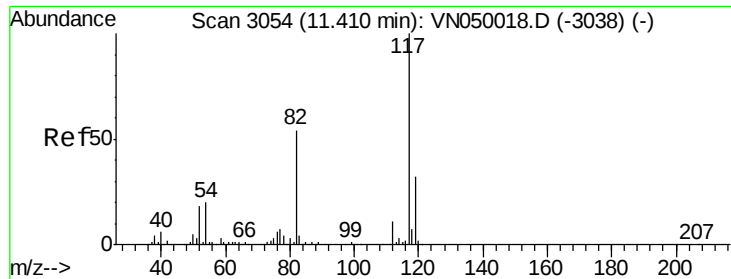
Tot Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
58 0.0 27.6 82.7#



#62
4-Bromofluorobenzene
Concen: 41.30 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

Tgt Ion: 95 Resp: 428521
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.2
176 87.0 0.0 173.4

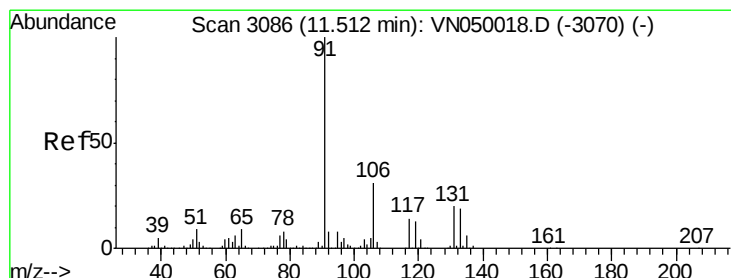
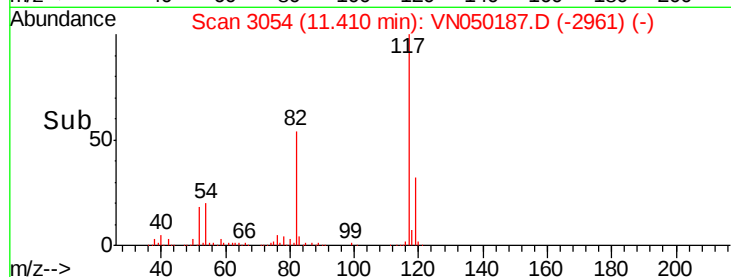
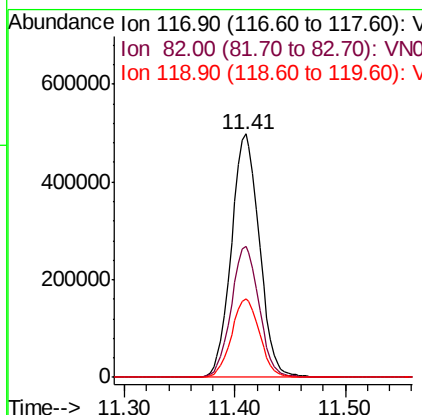
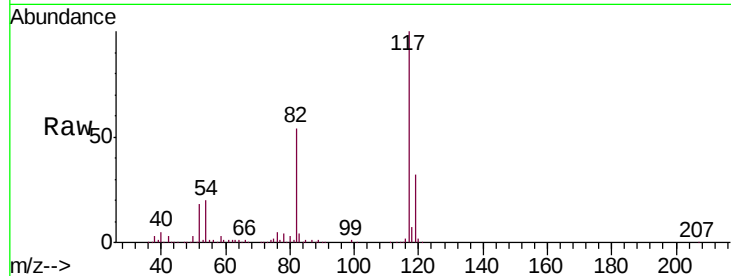




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

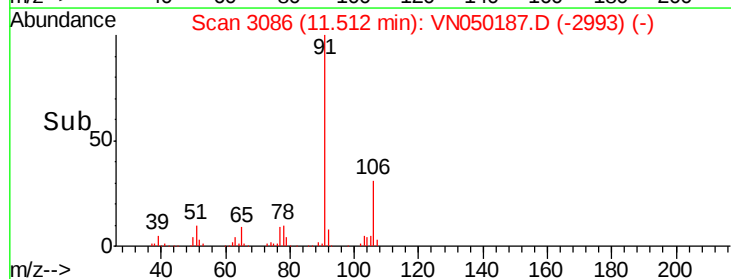
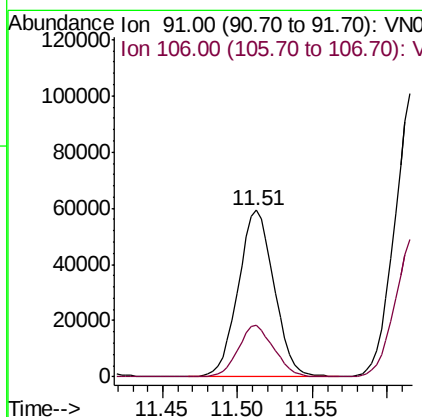
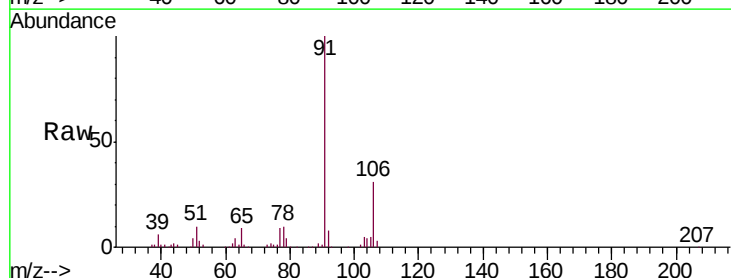
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

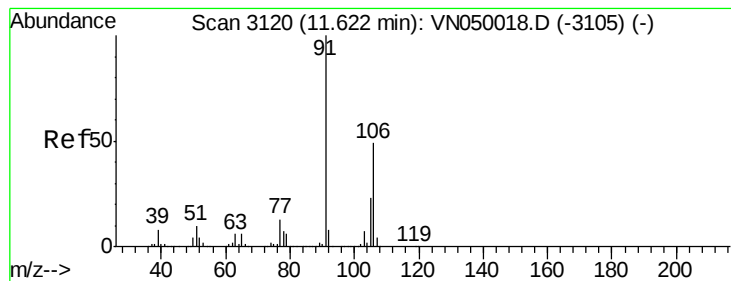
Tot Ion:117 Resp: 879220
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.4 26.1 39.1



#67
Ethyl Benzene
Concen: 2.77 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

Tgt Ion: 91 Resp: 98953
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4





#68

m/p-Xylenes

Concen: 7.30 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.01 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampled :

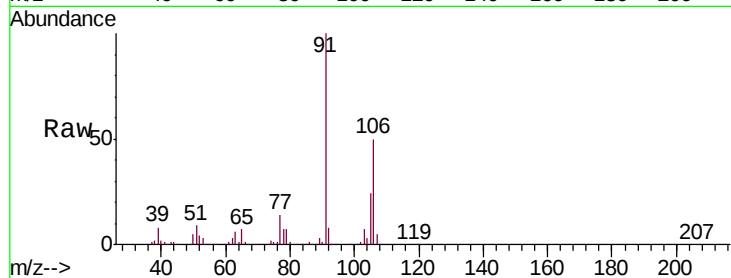
MW-6BDL

Tot Ion:106 Resp: 98526

Ion Ratio Lower Upper

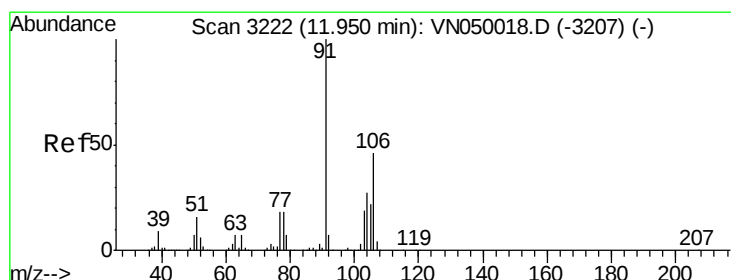
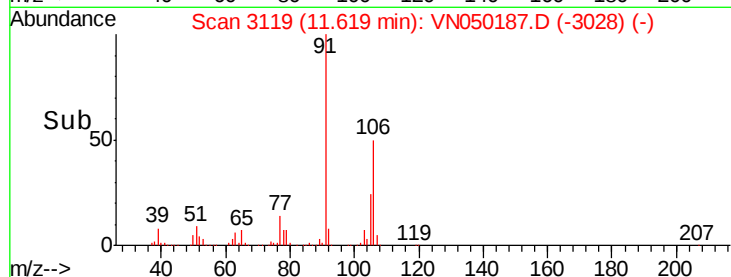
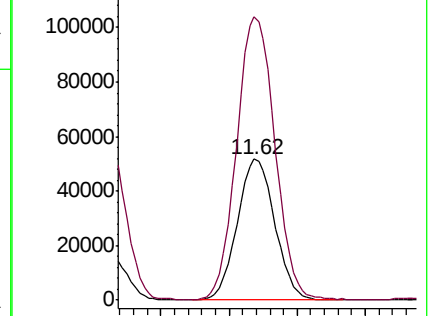
106 100

91 205.0 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 4.27 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN050187.D

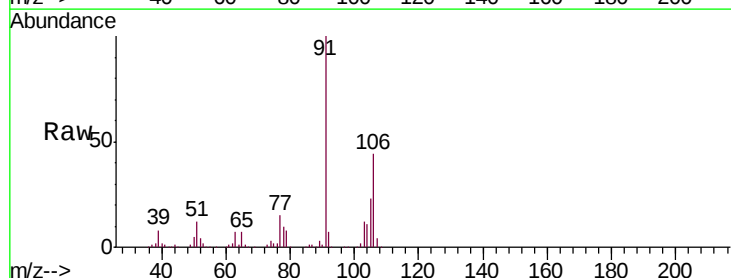
Acq: 30 Jul 2018 15:09

Tgt Ion:106 Resp: 54936

Ion Ratio Lower Upper

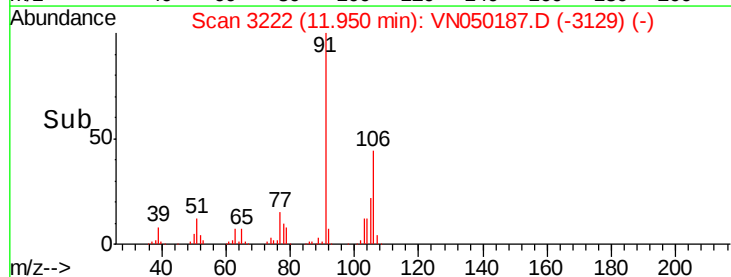
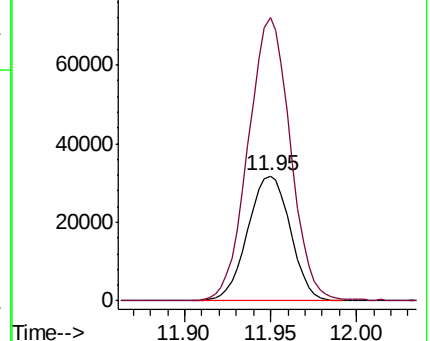
106 100

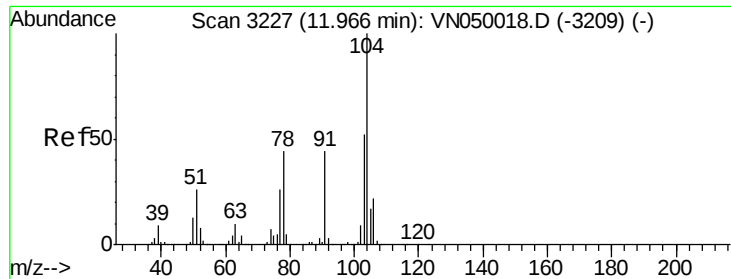
91 224.3 107.7 323.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

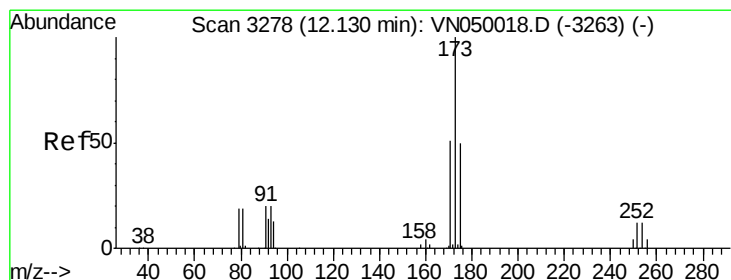
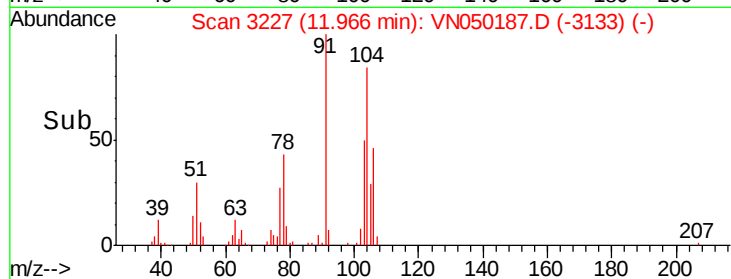
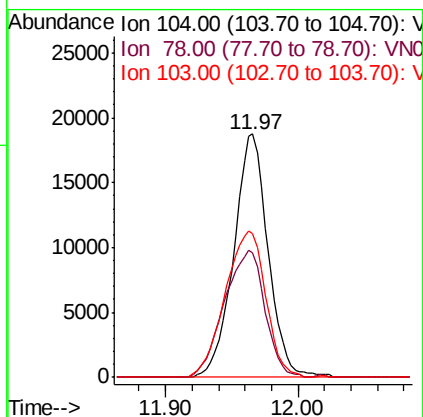
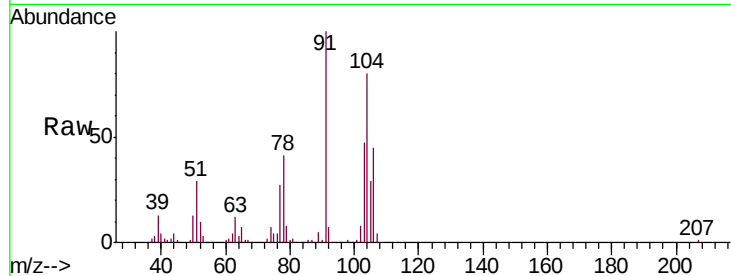




#70
Stvrene
Concen: 2.37 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

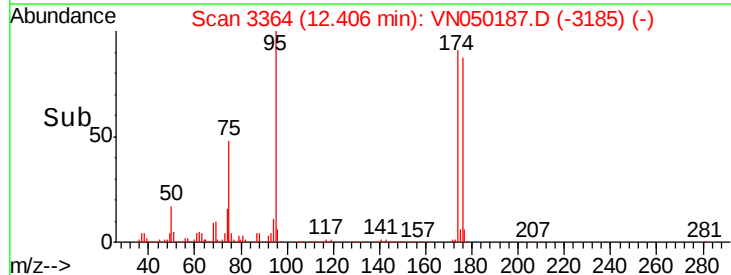
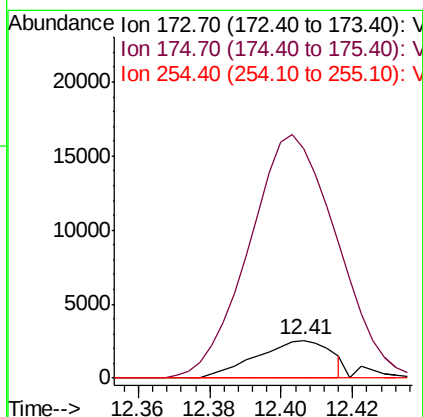
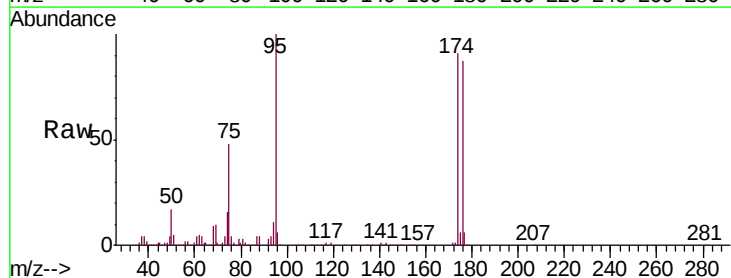
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

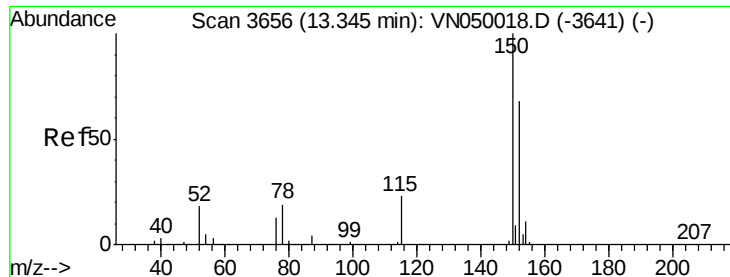
Tot Ion:104 Resp: 33708
Ion Ratio Lower Upper
104 100
78 61.8 39.3 58.9#
103 70.7 45.0 67.6#



#71
Bromoform
Concen: 0.59 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

Tgt Ion:173 Resp: 3679
Ion Ratio Lower Upper
173 100
175 676.2 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: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

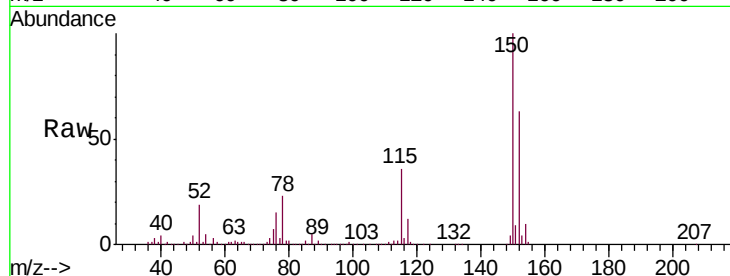
Tot Ion:152 Resp: 399022

Ion Ratio Lower Upper

152 100

115 57.6 27.8 83.3

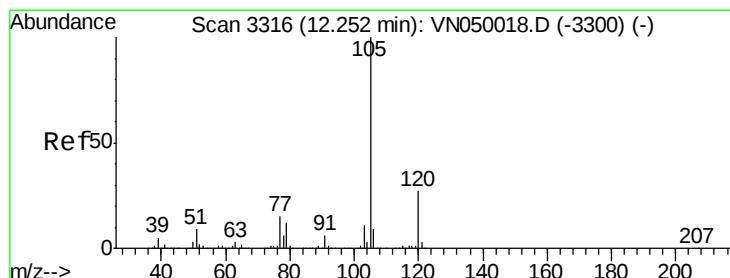
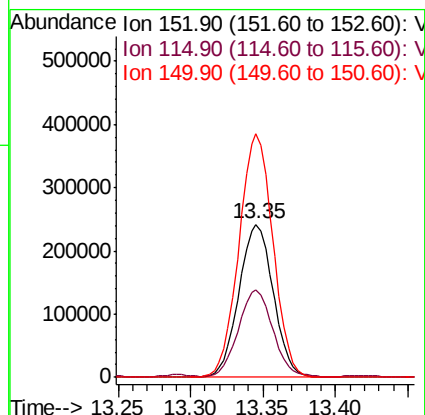
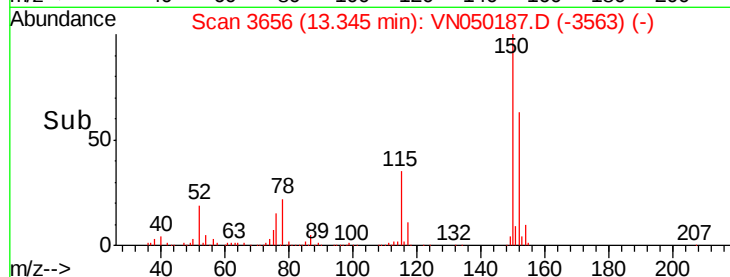
150 157.0 0.0 348.6



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: 0.49 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050187.D

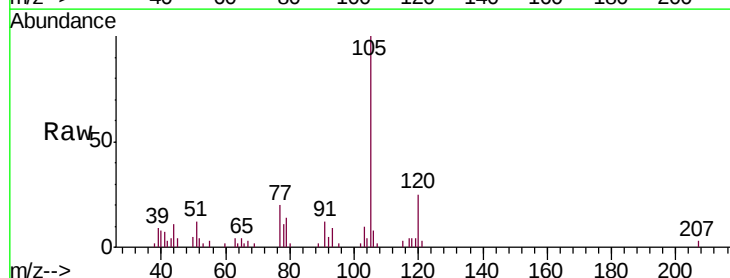
Acq: 30 Jul 2018 15:09

Tgt Ion:105 Resp: 15258

Ion Ratio Lower Upper

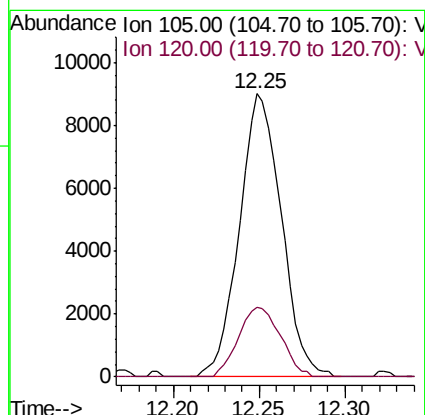
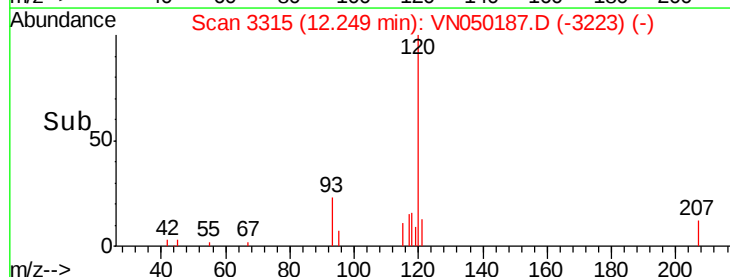
105 100

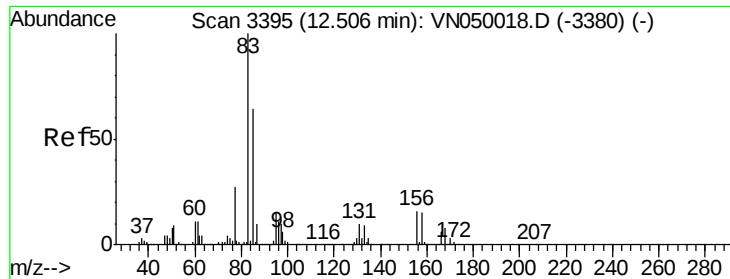
120 24.6 13.3 39.8



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: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

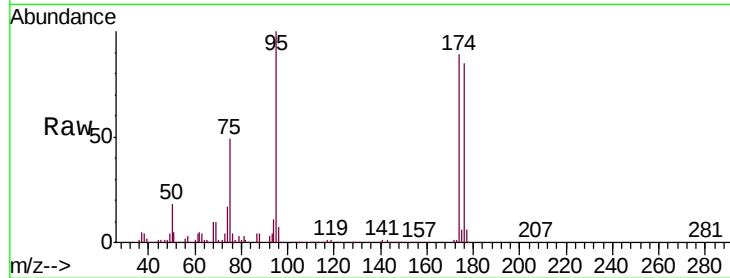
Tot Ion: 83 Resp: 390

Ion Ratio Lower Upper

83 100

131 74.1 5.1 15.3#

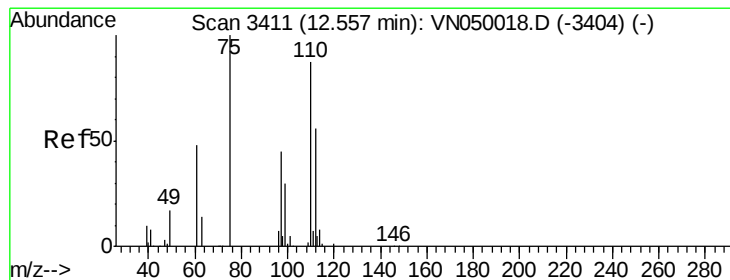
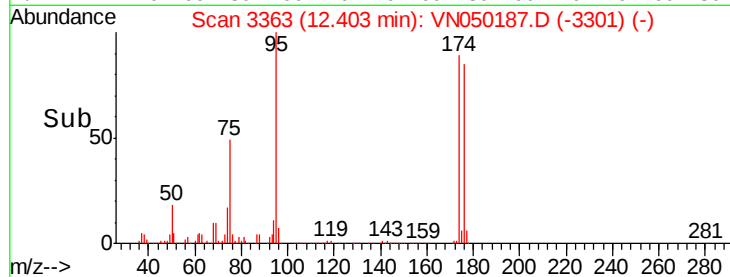
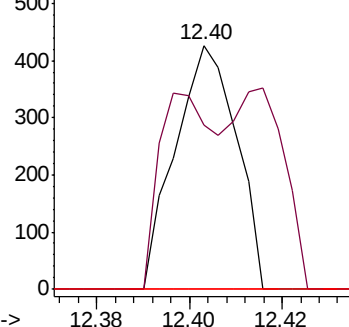
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 28.36 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050187.D

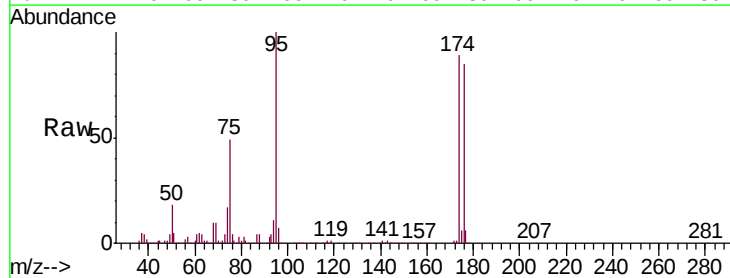
Acq: 30 Jul 2018 15:09

Tgt Ion: 75 Resp: 210316

Ion Ratio Lower Upper

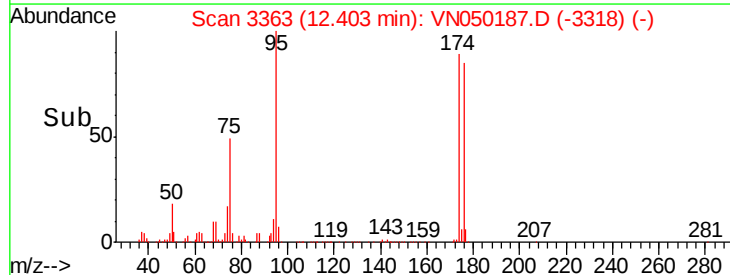
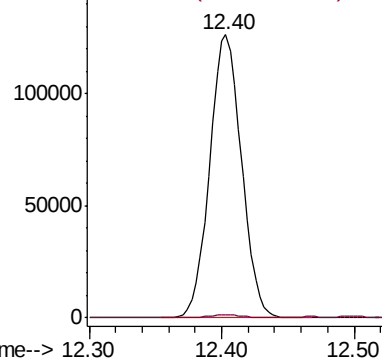
75 100

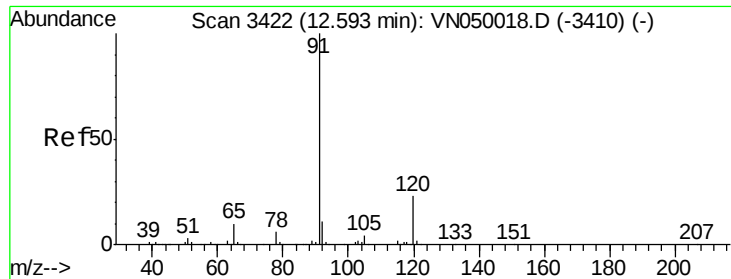
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

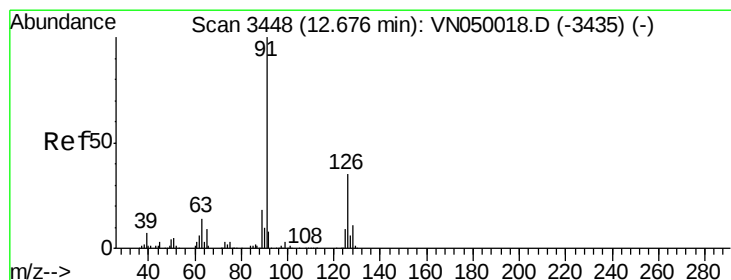
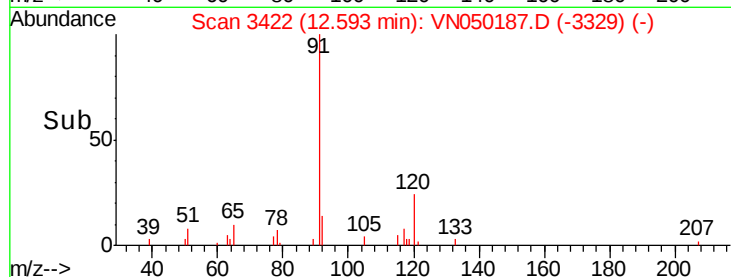
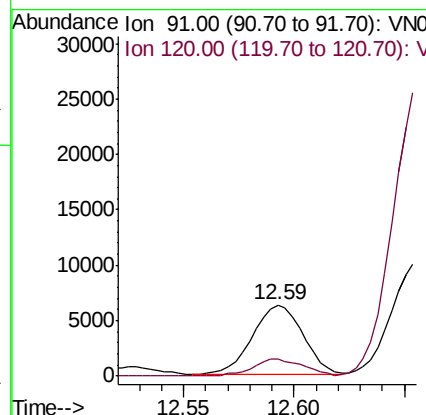
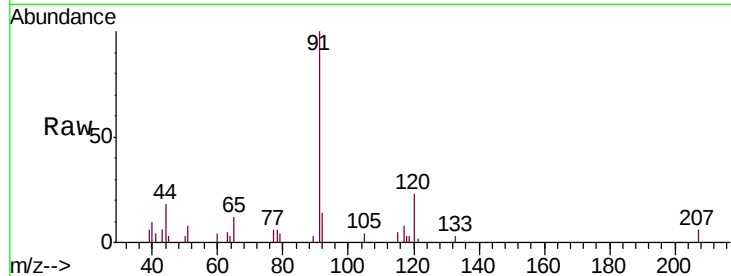




#78
n-propylbenzene
Concen: 0.29 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

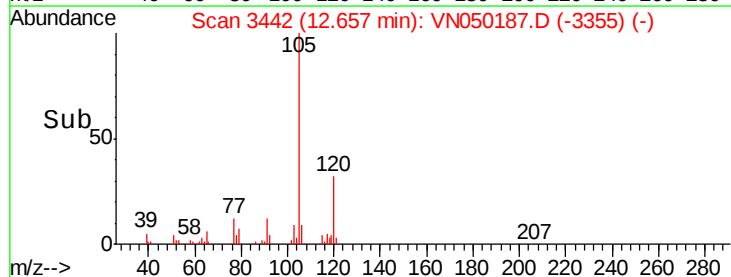
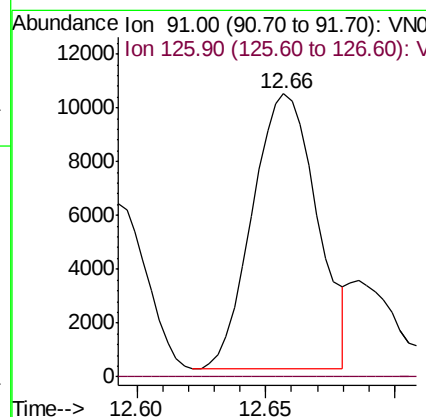
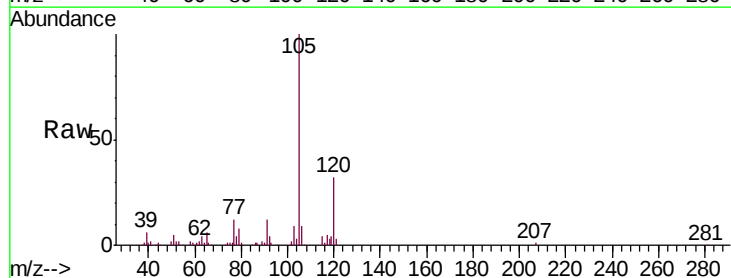
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

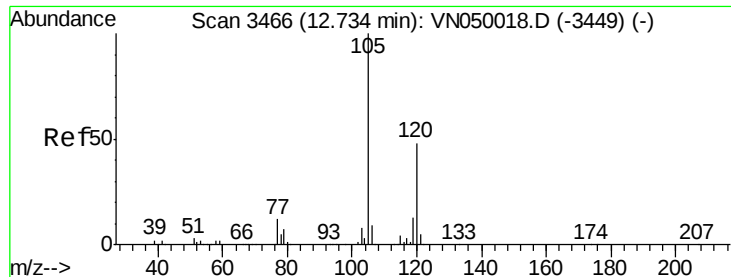
Tot Ion: 91 Resp: 9902
Ion Ratio Lower Upper
91 100
120 24.5 11.6 34.7



#79
2-Chlorotoluene
Concen: 0.84 ug/l
RT: 12.66 min Scan# 3442
Delta R.T. -0.02 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

Tgt Ion: 91 Resp: 17915
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.8#

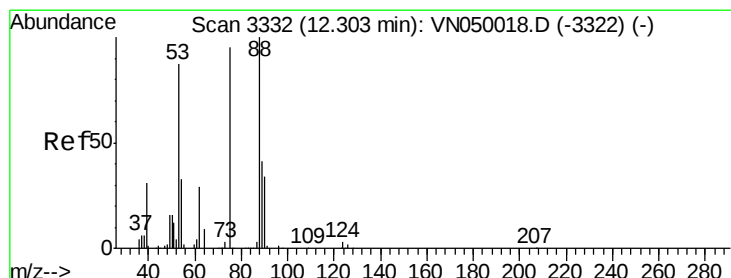
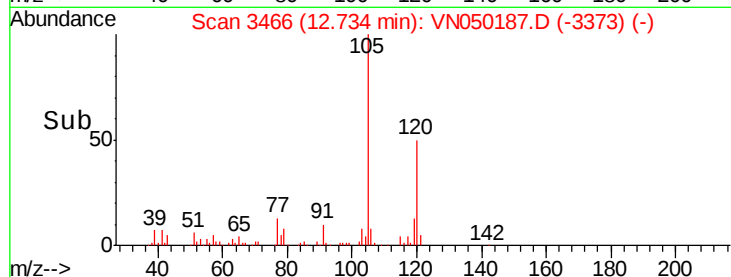
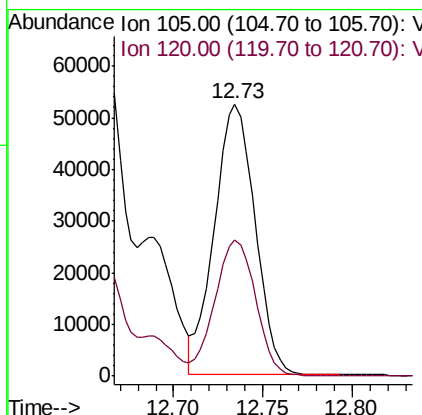
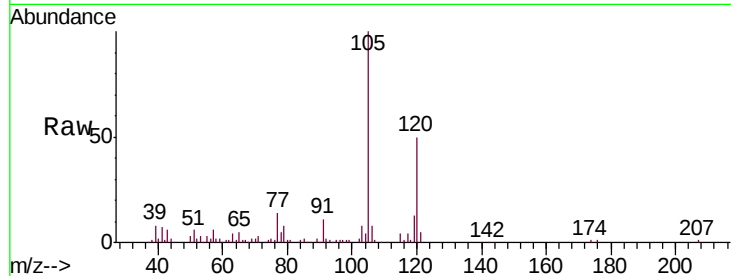




#80
 1,3,5-Trimethylbenzene
 Concen: 3.40 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN050187.D
 Acq: 30 Jul 2018 15:09

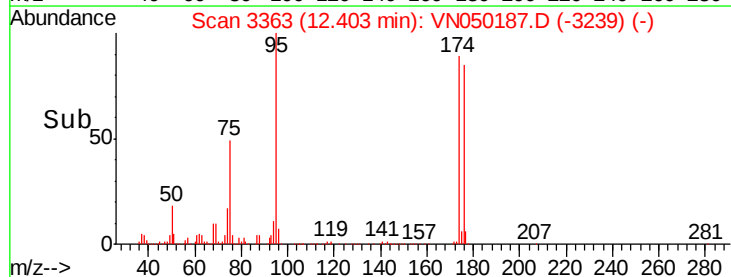
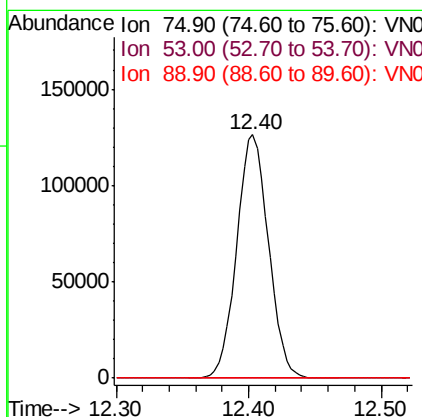
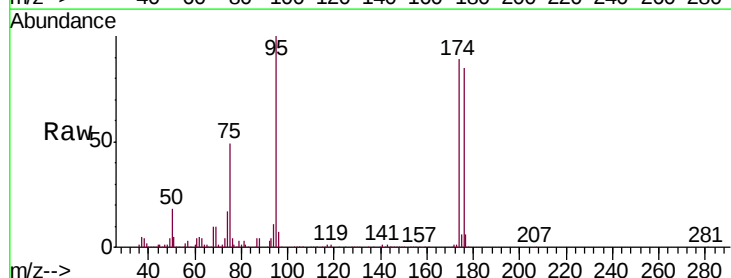
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

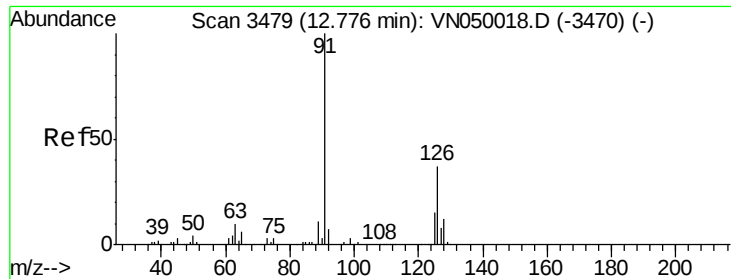
Tot Ion:105 Resp: 82677
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.96 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050187.D
 Acq: 30 Jul 2018 15:09

Tgt Ion: 75 Resp: 210316
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.5 110.3#
 89 0.0 36.0 54.0#

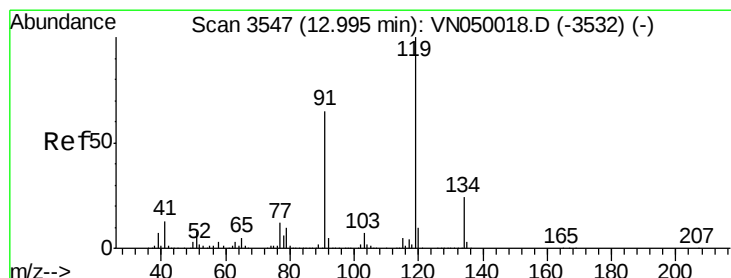
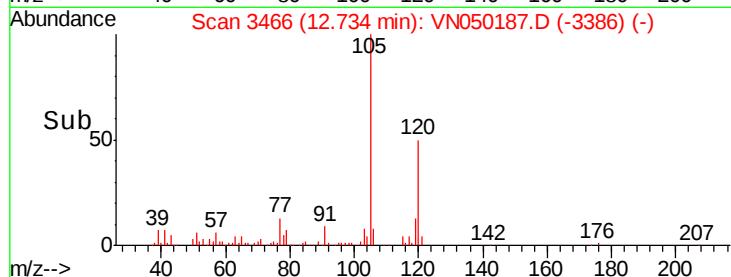
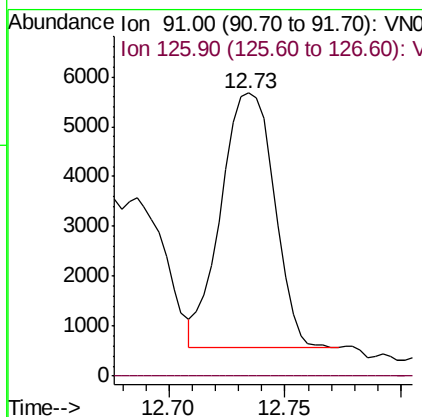
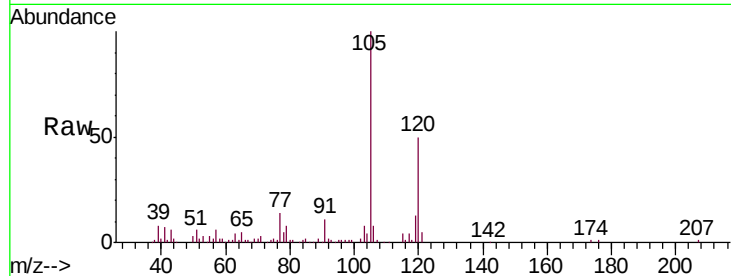




#82
4-Chlorotoluene
Concen: 0.38 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. -0.04 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

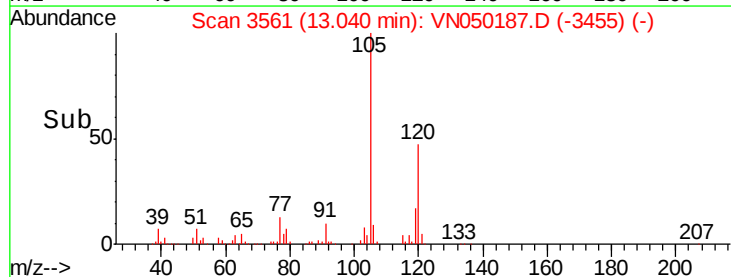
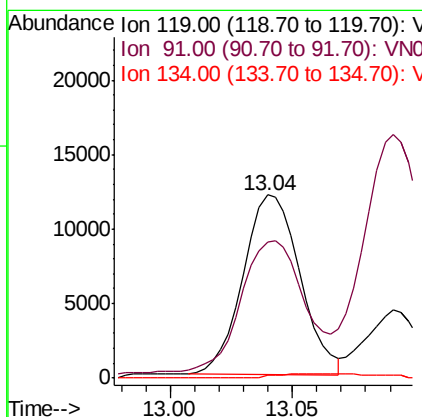
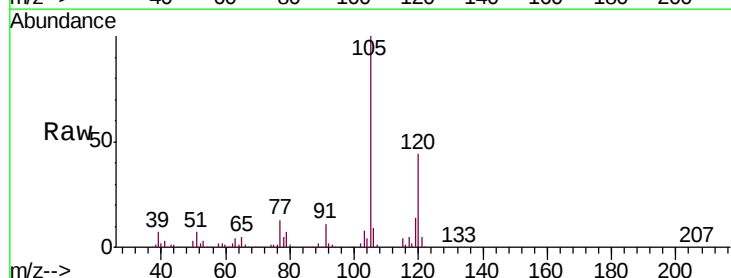
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

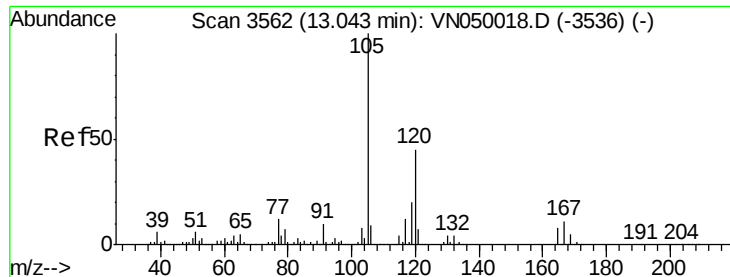
Tot Ion: 91 Resp: 8161
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 0.92 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. 0.04 min
Lab File: VN050187.D
Acq: 30 Jul 2018 15:09

Tgt Ion: 119 Resp: 19605
Ion Ratio Lower Upper
119 100
91 84.3 32.1 96.3
134 0.0 13.2 39.5#

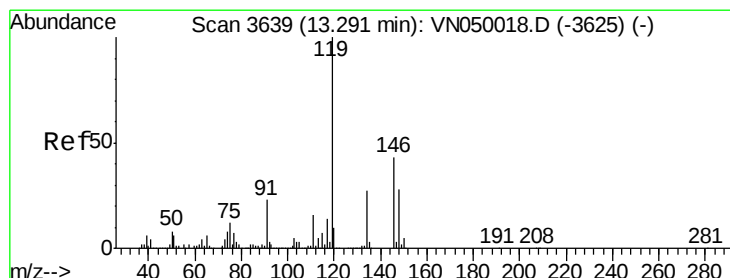
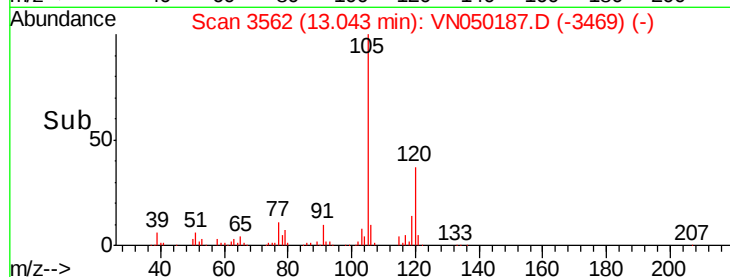
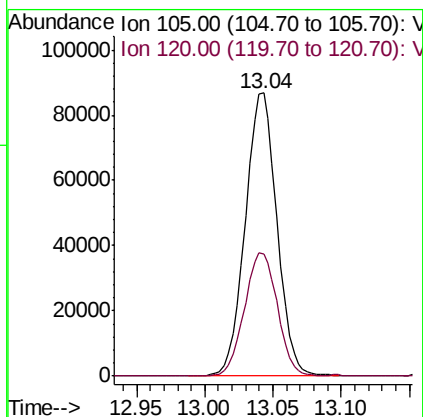
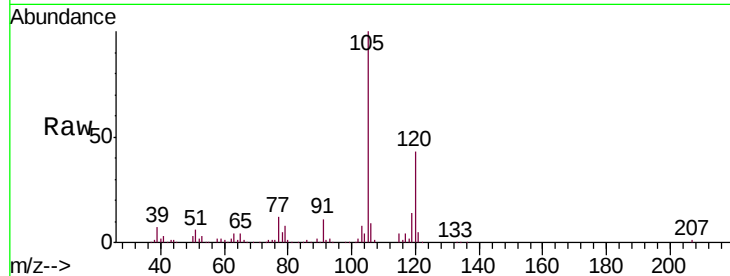




#84
 1,2,4-Trimethylbenzene
 Concen: 5.71 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050187.D
 Acq: 30 Jul 2018 15:09

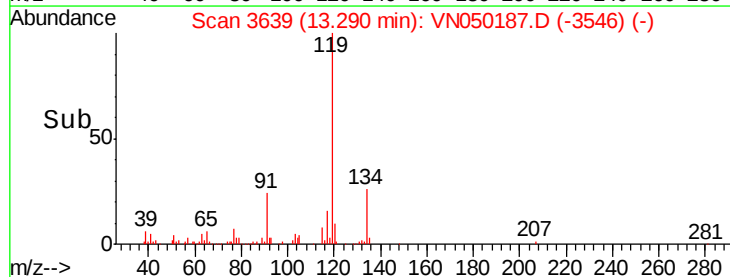
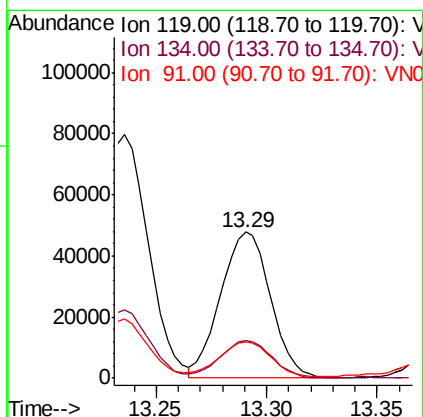
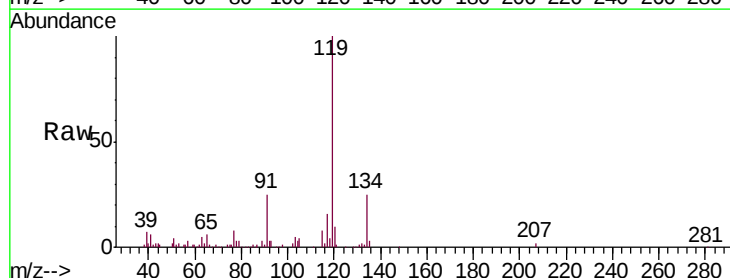
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

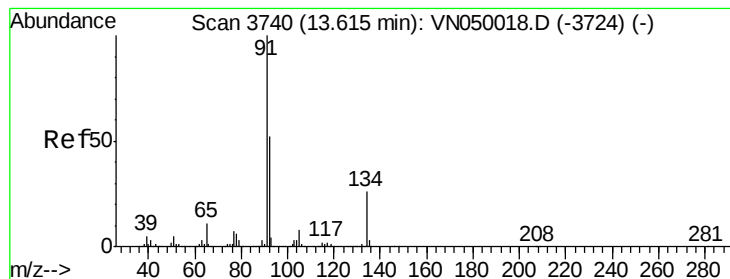
Tot Ion:105 Resp: 140127
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.7



#86
 p-Isopropyltoluene
 Concen: 3.09 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050187.D
 Acq: 30 Jul 2018 15:09

Tgt Ion:119 Resp: 73975
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 24.6 11.4 34.2





#89

n-Butylbenzene

Concen: 0.31 ug/l

RT: 13.58 min Scan# 3730

Delta R.T. -0.04 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampled :

MW-6BDL

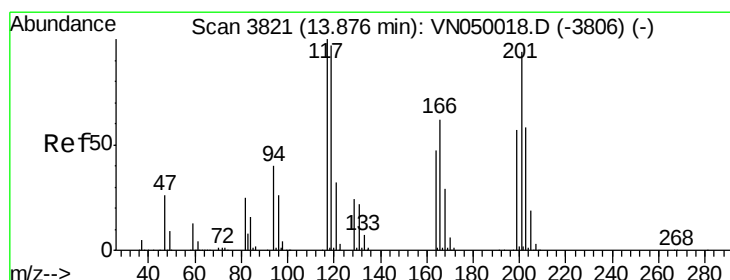
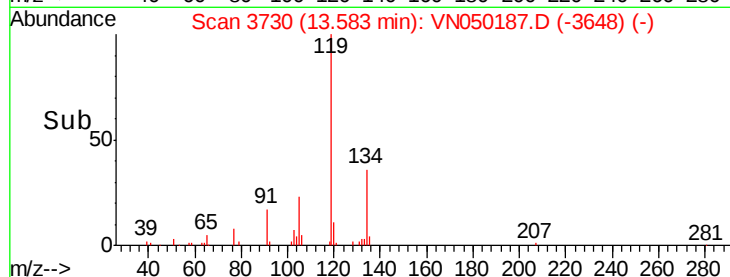
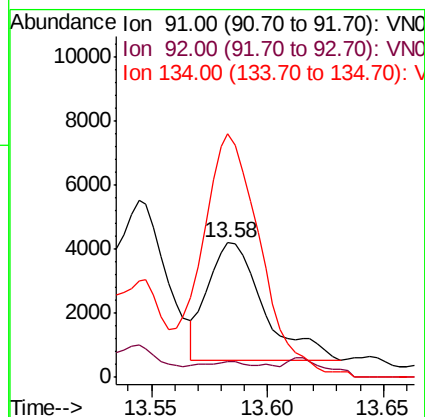
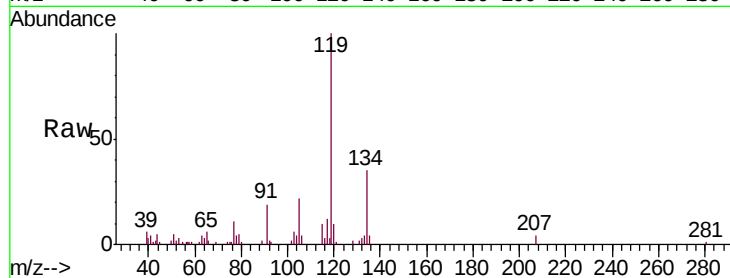
Tot Ion: 91 Resp: 6114

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.4#

134 215.4 12.8 38.4#



#90

Hexachloroethane

Concen: 1.21 ug/l

RT: 13.83 min Scan# 3808

Delta R.T. -0.04 min

Lab File: VN050187.D

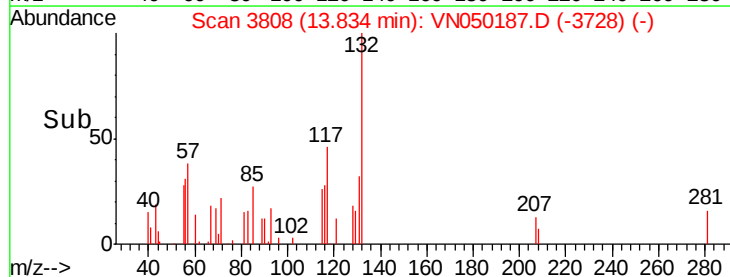
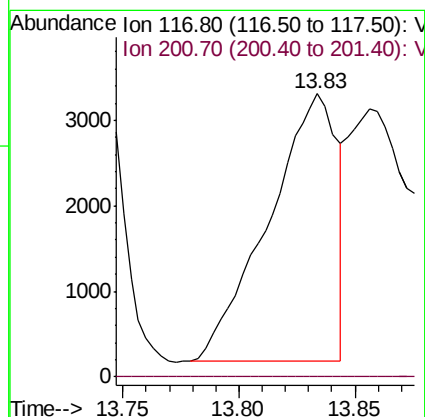
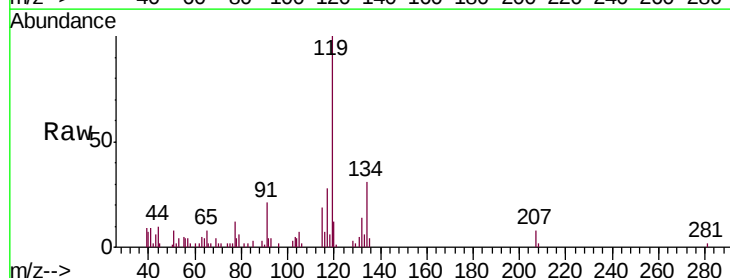
Acq: 30 Jul 2018 15:09

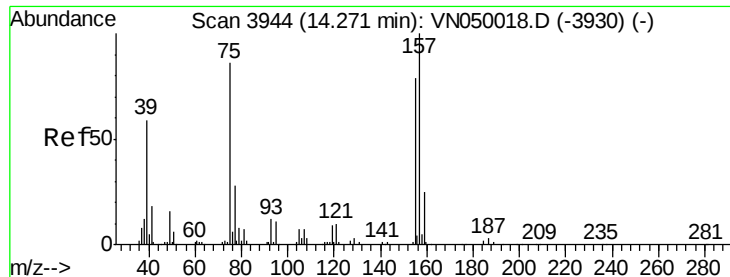
Tgt Ion: 117 Resp: 6431

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3939

Delta R.T. -0.02 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

Instrument :

MSVOA_N

ClientSampled :

MW-6BDL

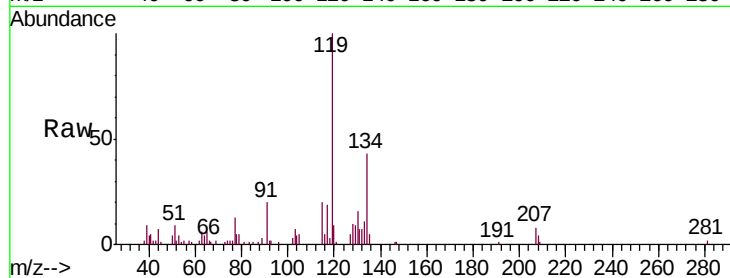
Tot Ion: 75 Resp: 402

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

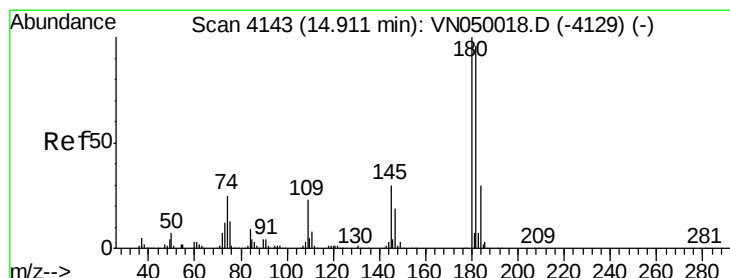
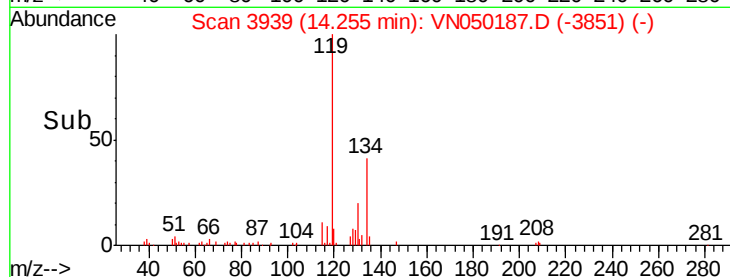
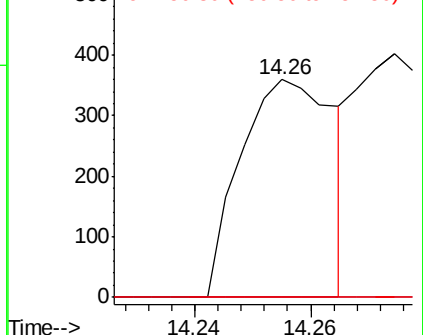
157 0.0 57.2 171.6#



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: 3.14 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN050187.D

Acq: 30 Jul 2018 15:09

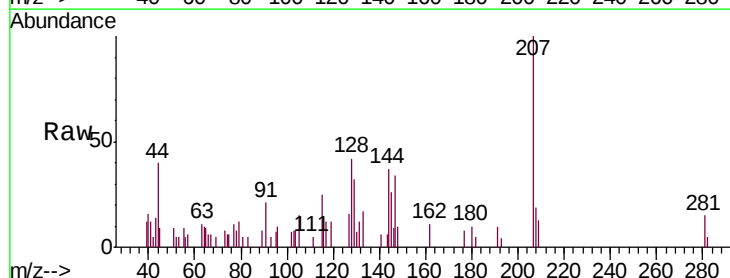
Tgt Ion:180 Resp: 418

Ion Ratio Lower Upper

180 100

182 63.4 46.7 140.1

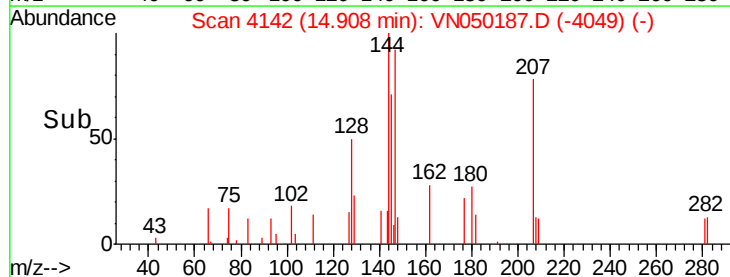
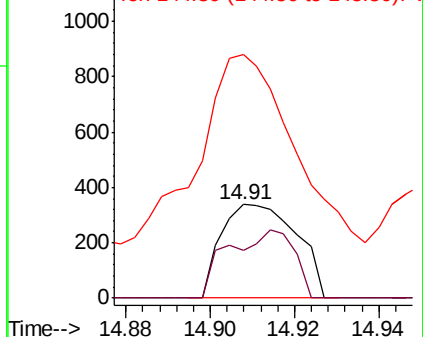
145 344.0 13.8 41.4#

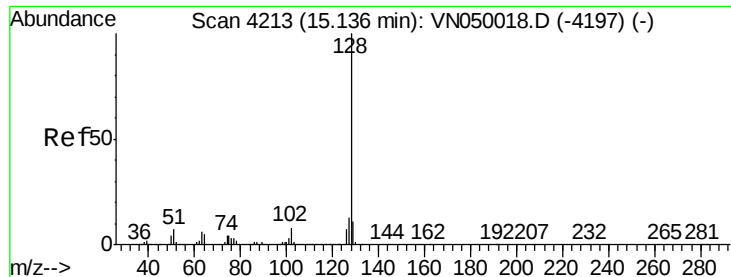


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



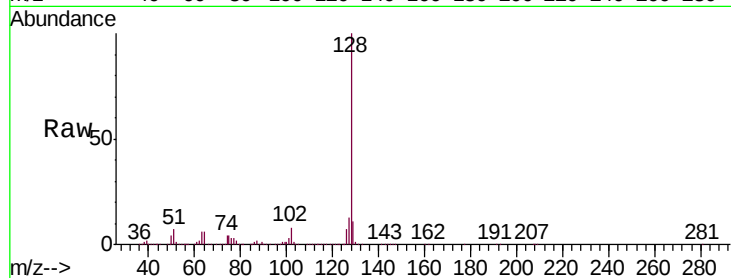


#95
 Naphthalene
 Concen: 103.65 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050187.D
 Acq: 30 Jul 2018 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

Tot Ion:128 Resp: 1983479

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	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

