

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050087.D
 Acq On : 26 Jul 2018 17:16
 Operator : MD\SY
 Sample : J4142-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Quant Time: Jul 27 01:21:31 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	681331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1089628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	930103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367728	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	469855	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
35) Dibromofluoromethane	7.59	113	409375	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
50) Toluene-d8	10.09	98	1505290	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
62) 4-Bromofluorobenzene	12.40	95	443784	41.21	ug/l	0.00
Spiked Amount			Recovery	=	82.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	651	Below Cal	#	70
11) Tert butyl alcohol	4.80	59	284	0.41	ug/l #	72
13) Acrolein	3.78	56	241	0.43	ug/l #	67
16) Acetone	3.83	43	7560	Below Cal		94
18) Methyl Acetate	4.34	43	13781	Below Cal	#	76
20) Methylene Chloride	4.55	84	2850	Below Cal	#	80
31) Cyclohexane	7.67	56	14274	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	47736	3.89	ug/l #	48
38) Carbon Tetrachloride	7.67	117	61463	4.72	ug/l #	16
41) Methacrylonitrile	7.22	41	90	2.77	ug/l #	10
43) Isopropyl Acetate	8.26	43	167038	9.43	ug/l #	61
55) 1,1,2-Trichloroethane	10.53	97	9530	1.09	ug/l #	19
56) Ethyl methacrylate	10.44	69	8228	2.70	ug/l #	24
59) 2-Hexanone	10.75	43	246	5.21	ug/l #	24
70) Styrene	11.98	104	278	0.93	ug/l #	44
73) Isopropylbenzene	12.25	105	25315	0.89	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.22	83	1071	Below Cal		88
76) 1,2,3-Trichloropropane	12.40	75	218323	31.95	ug/l #	100
77) Bromobenzene	12.56	156	229958	29.09	ug/l #	1
78) n-propylbenzene	12.59	91	15831	0.50	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	218323	101.33	ug/l #	13
82) 4-Chlorotoluene	12.59	91	15831	0.81	ug/l #	41
83) tert-Butylbenzene	13.00	119	42395	2.17	ug/l	95
84) 1,2,4-Trimethylbenzene	13.17	105	123334	5.45	ug/l #	31
85) sec-Butylbenzene	13.17	105	123334	4.71	ug/l #	60
86) p-Isopropyltoluene	13.44	119	95178	4.32	ug/l	94
89) n-Butylbenzene	13.60	91	19581	1.08	ug/l #	33
90) Hexachloroethane	13.89	117	3344	0.68	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.30	75	465	Below Cal	#	19
93) 1,2,4-Trichlorobenzene	14.91	180	490	3.15	ug/l #	1
95) Naphthalene	15.10	128	5967	4.74	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.32	180	111	2.22	ug/l #	1

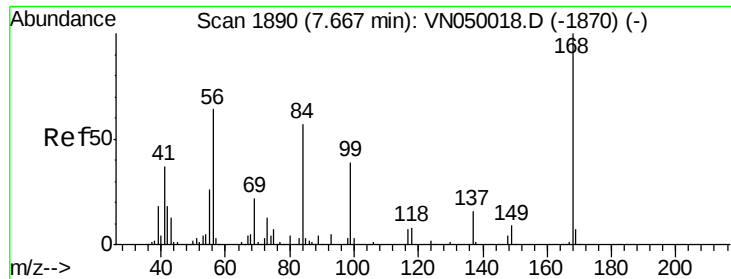
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15

Quant Time: Jul 27 01:21:31 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)

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampled :

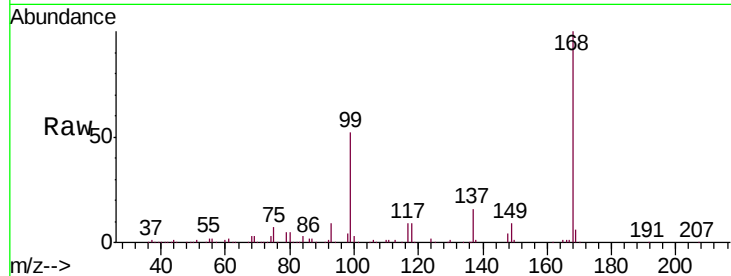
MW-15

Tot Ion:168 Resp: 681331

Ion Ratio Lower Upper

168 100

99 51.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

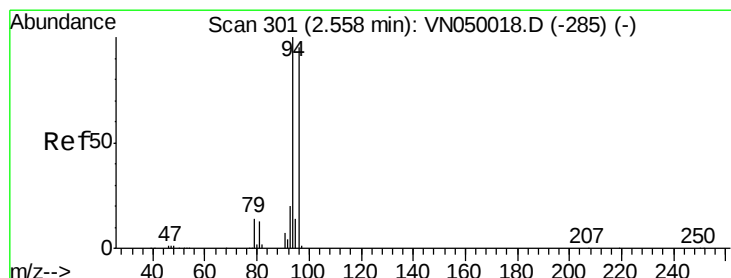
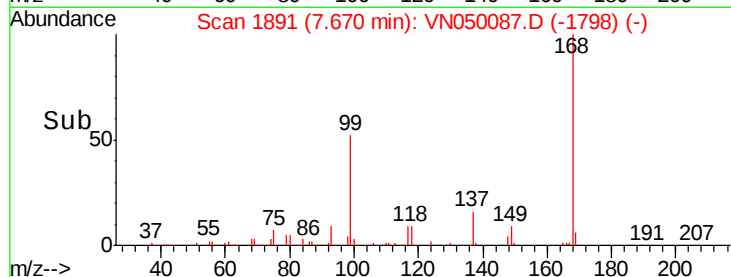
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 301

Delta R.T. 0.01 min

Lab File: VN050087.D

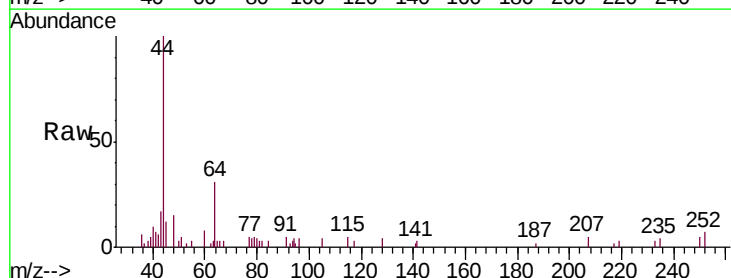
Acq: 26 Jul 2018 17:16

Tgt Ion: 94 Resp: 651

Ion Ratio Lower Upper

94 100

96 64.9 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

500

400

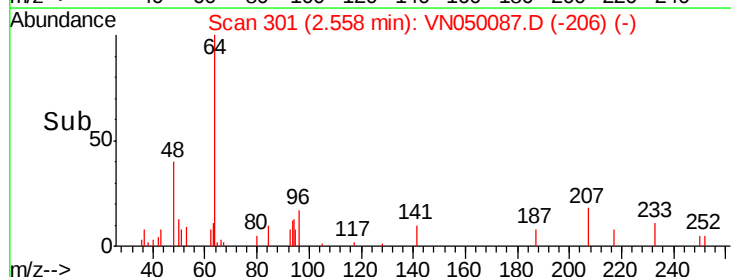
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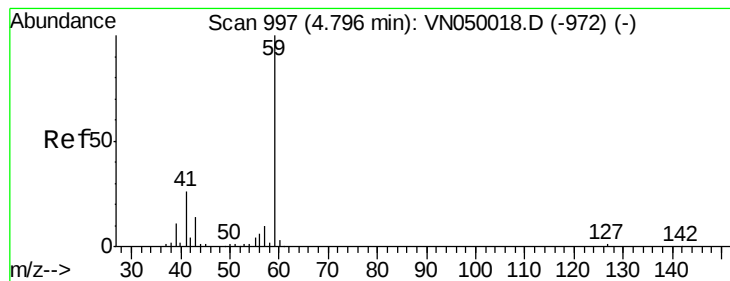
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100

0

Time-->



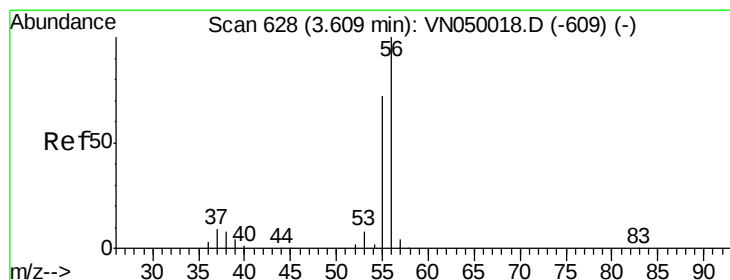
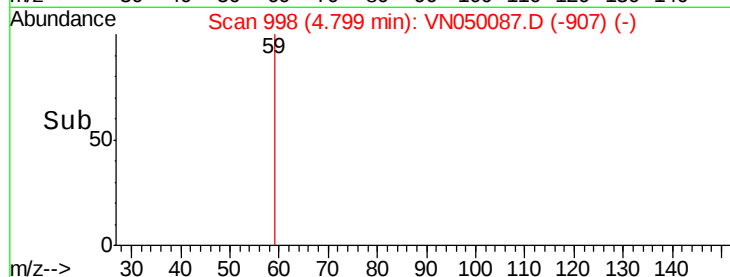
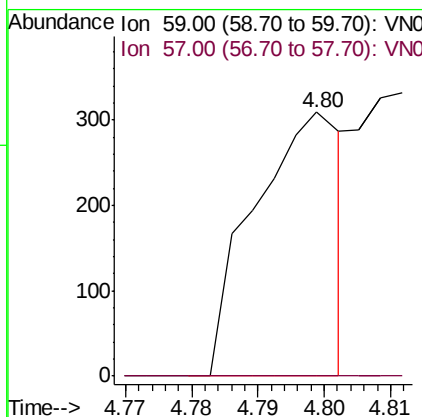
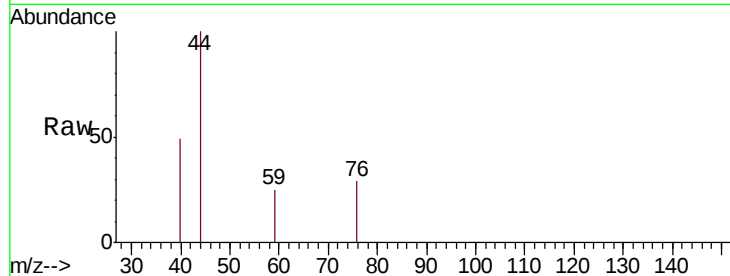


#11

Tert butvl alcohol
 Concen: 0.41 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN050087.D
 Acq: 26 Jul 2018 17:16

Instrument :
 MSVOA_N
 ClientSampled :
 MW-15

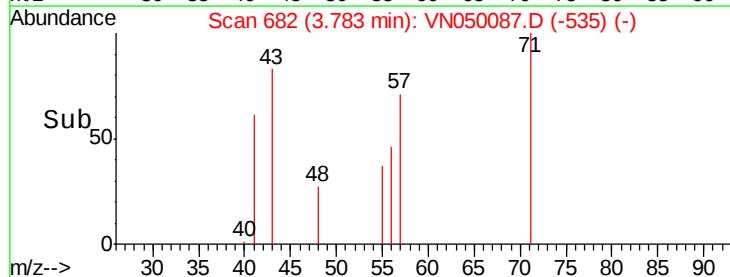
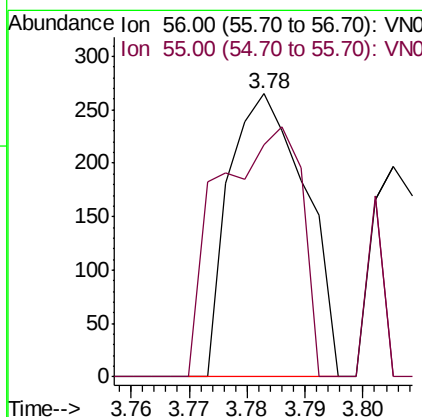
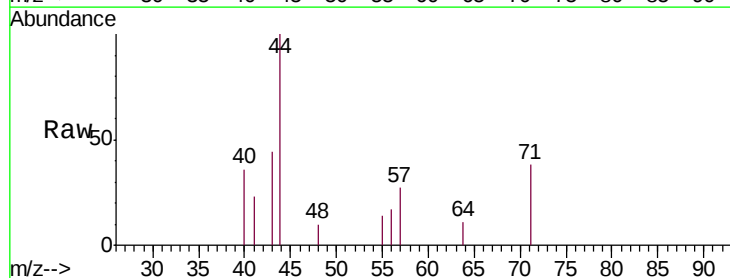
Tot Ion: 59 Resp: 284
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

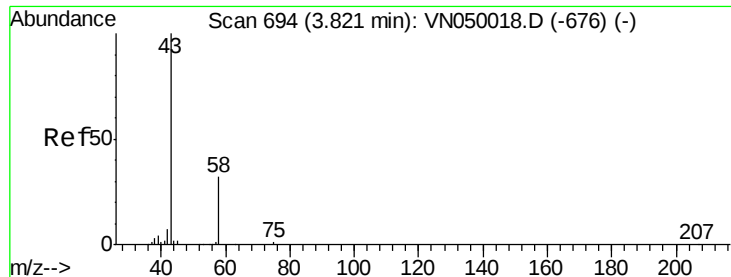


#13

Acrolein
 Concen: 0.43 ug/l
 RT: 3.78 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: VN050087.D
 Acq: 26 Jul 2018 17:16

Tgt Ion: 56 Resp: 241
 Ion Ratio Lower Upper
 56 100
 55 96.7 55.8 83.6#

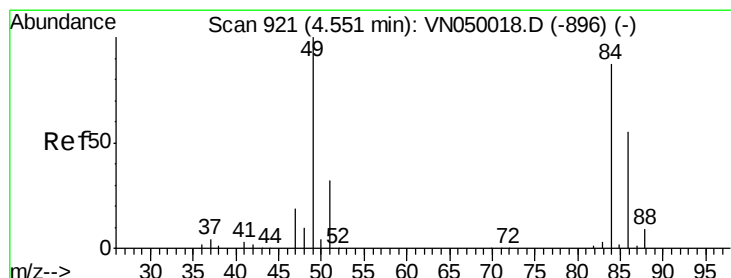
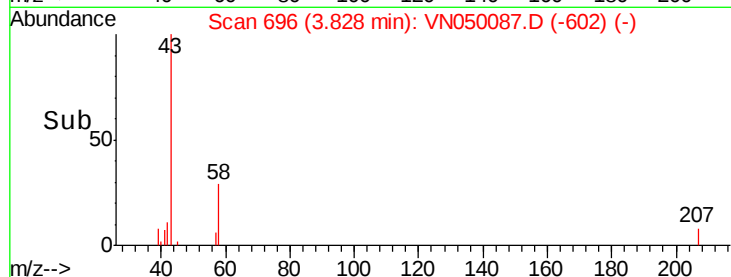
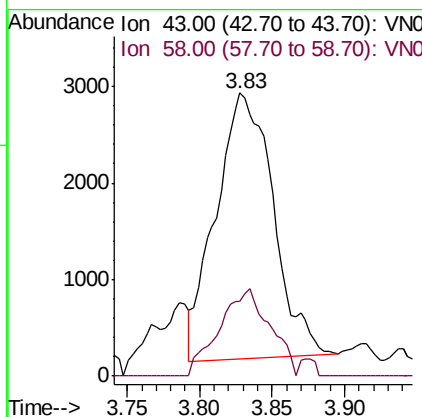
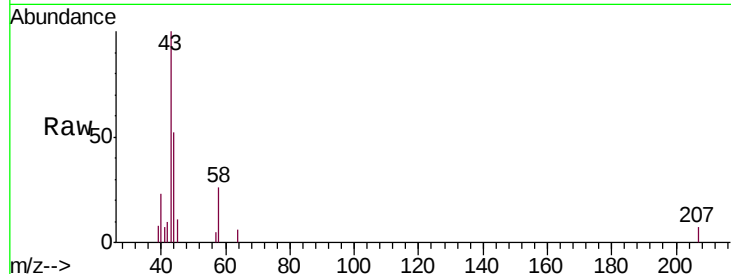




#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

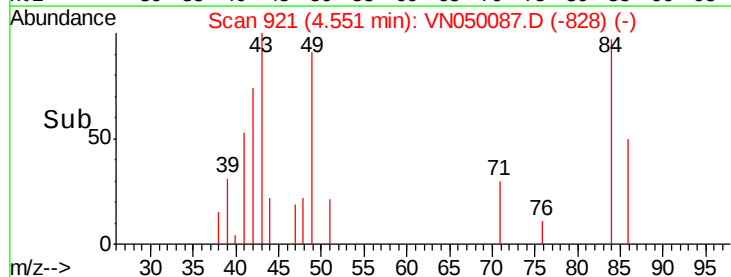
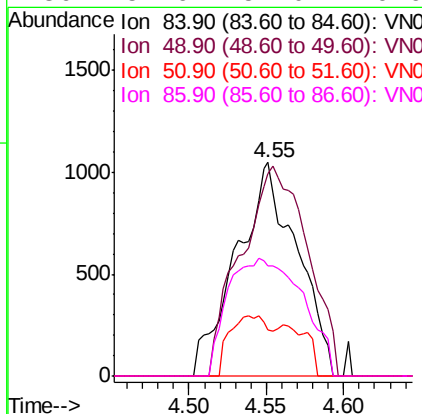
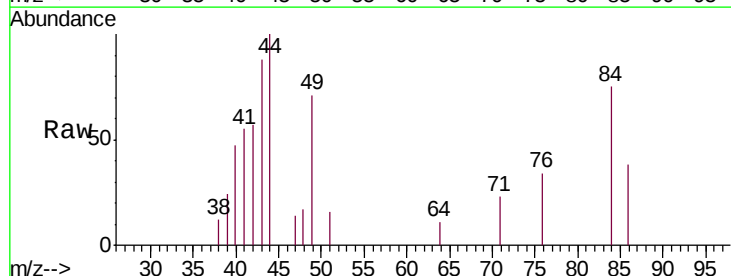
Instrument :
MSVOA_N
ClientSampleId :
MW-15

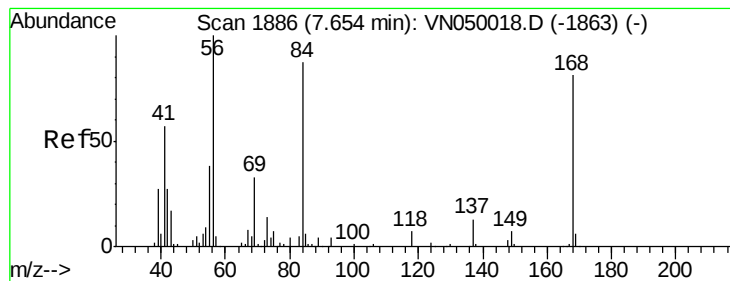
Tot Ion: 43 Resp: 7560
Ion Ratio Lower Upper
43 100
58 28.7 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

Tgt Ion: 84 Resp: 2850
Ion Ratio Lower Upper
84 100
49 94.6 94.8 142.2#
51 21.7 28.3 42.5#
86 51.6 51.0 76.6





#31

Cyclohexane

Concen: 1.02 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampleId :

MW-15

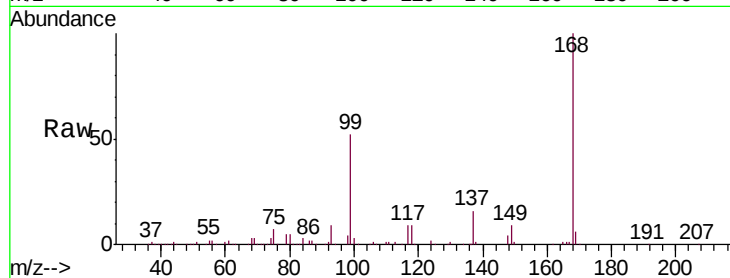
Tot Ion: 56 Resp: 14274

Ion Ratio Lower Upper

56 100

69 168.7 26.2 39.4#

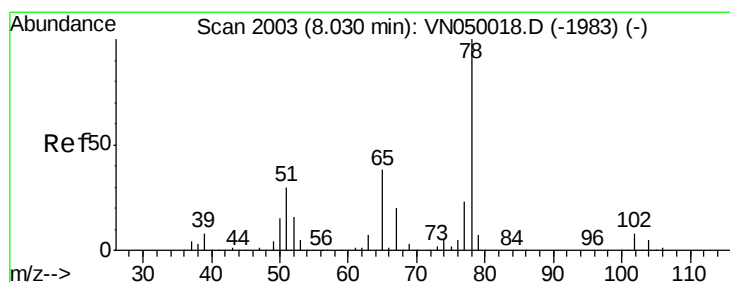
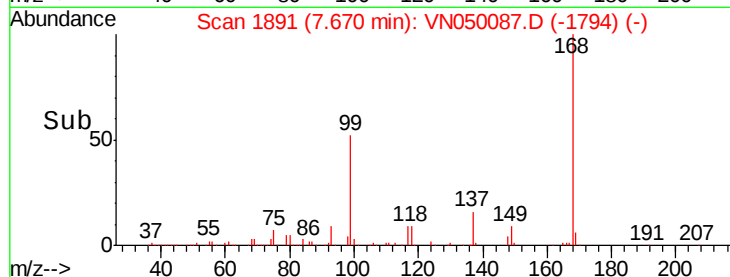
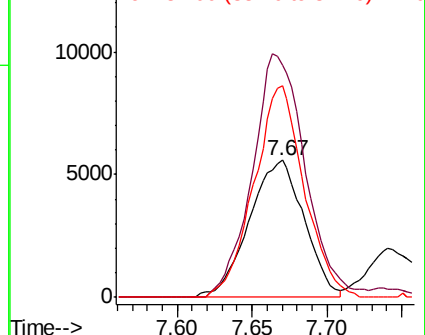
84 154.2 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.43 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050087.D

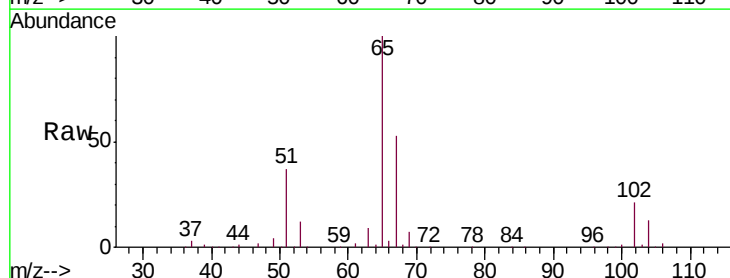
Acq: 26 Jul 2018 17:16

Tgt Ion: 65 Resp: 469855

Ion Ratio Lower Upper

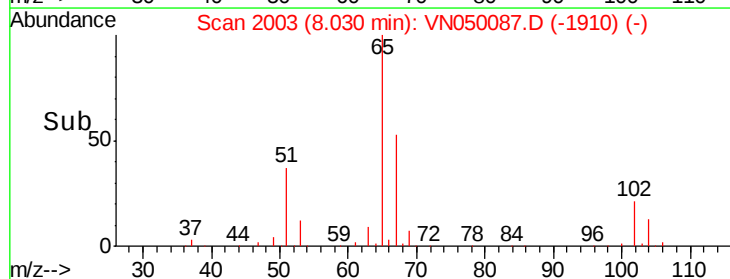
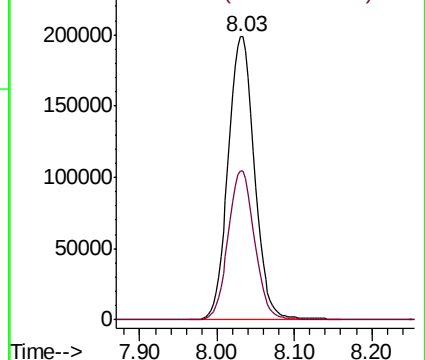
65 100

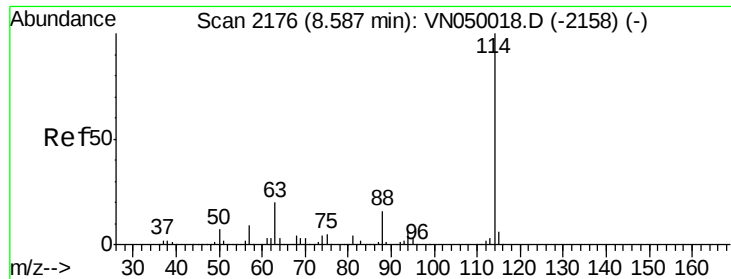
67 52.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

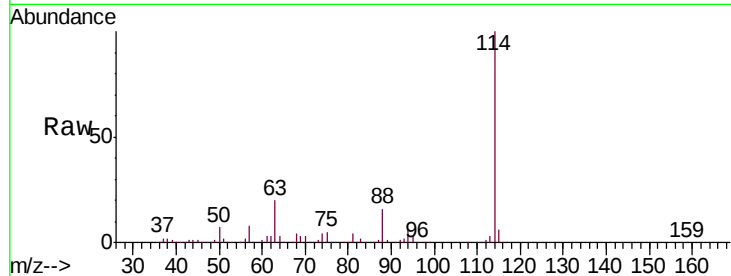




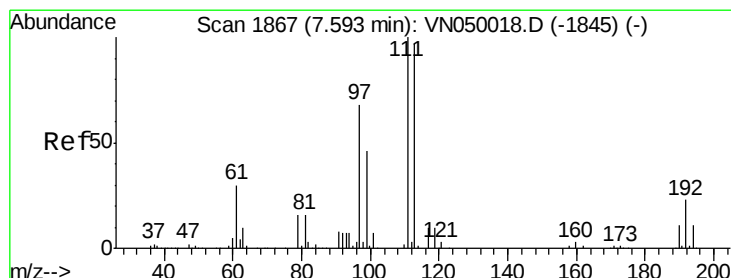
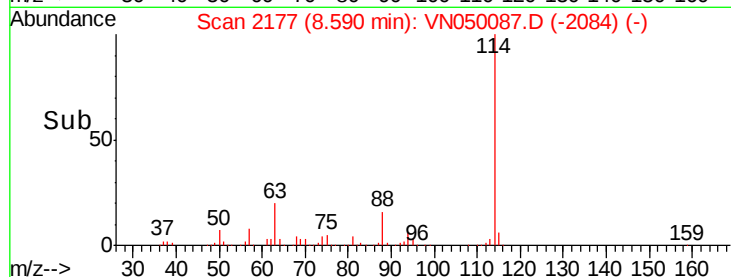
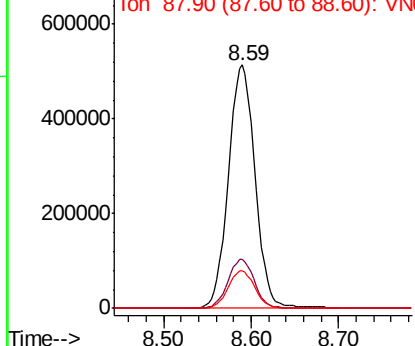
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050087.D
 Acq: 26 Jul 2018 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Tot Ion:114 Resp: 1089628
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.6 0.0 31.2

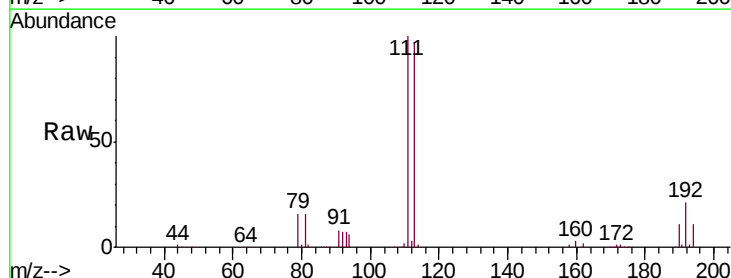


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

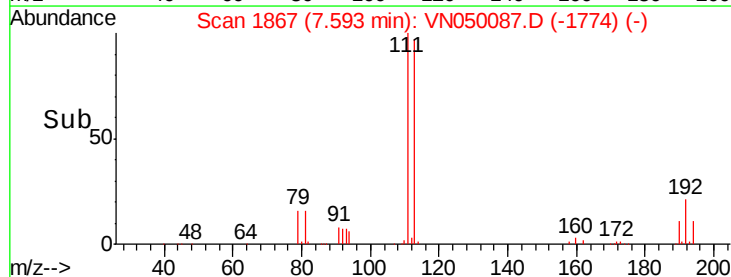
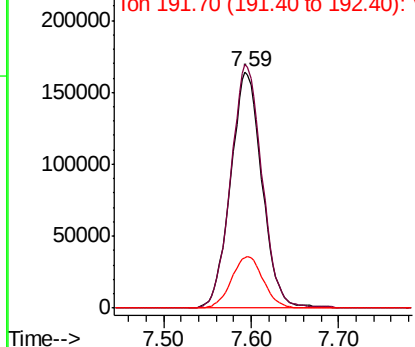


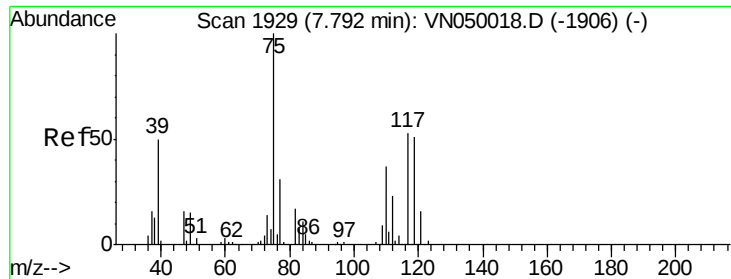
#35
 Dibromofluoromethane
 Concen: 46.02 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050087.D
 Acq: 26 Jul 2018 17:16

Tgt Ion:113 Resp: 409375
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.7 121.1
 192 22.1 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

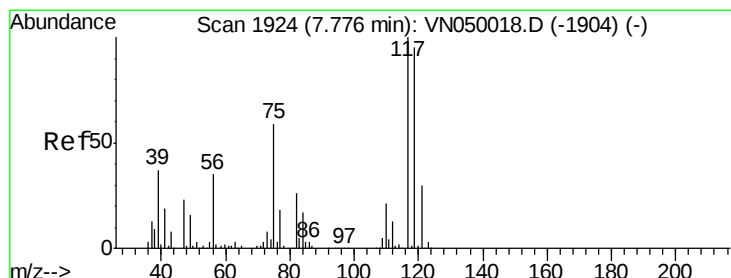
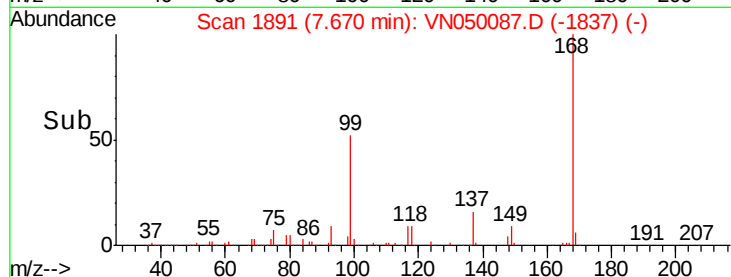
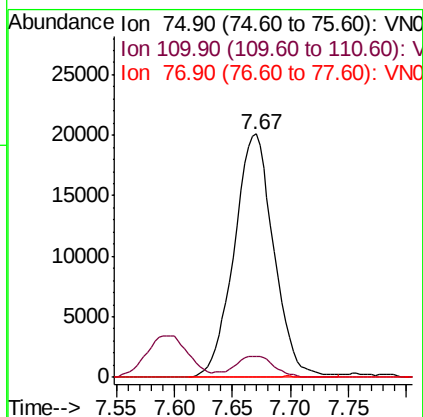
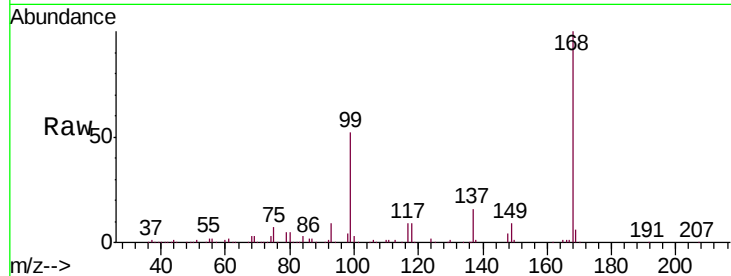




#36
 1,1-Dichloropropene
 Concen: 3.89 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050087.D
 Acq: 26 Jul 2018 17:16

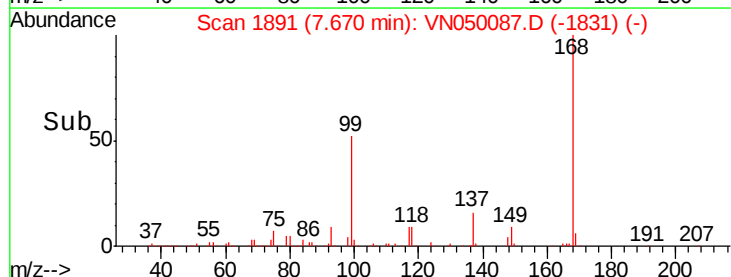
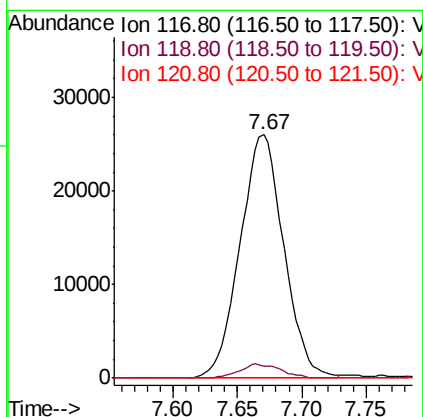
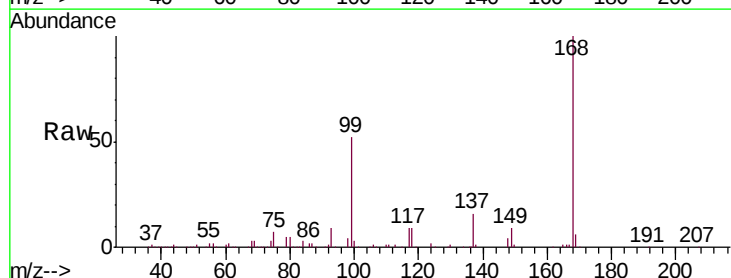
Instrument :
 MSVOA_N
 ClientSampled :
 MW-15

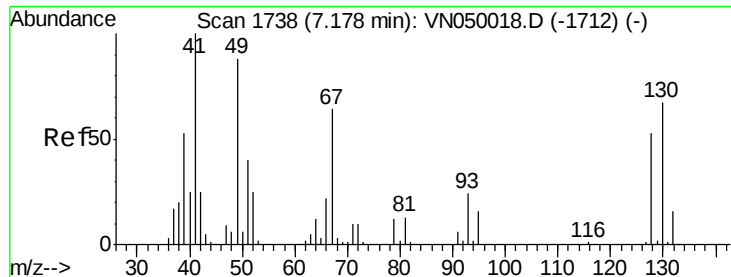
Tot Ion: 75 Resp: 47736
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.72 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050087.D
 Acq: 26 Jul 2018 17:16

Tgt Ion: 117 Resp: 61463
 Ion Ratio Lower Upper
 117 100
 119 5.1 77.4 116.0#
 121 0.0 23.9 35.9#

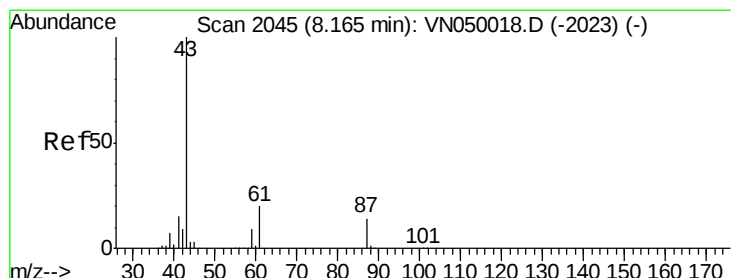
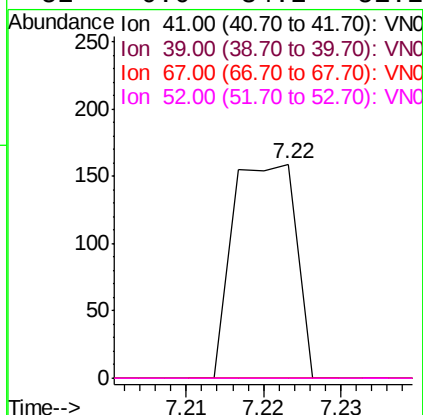
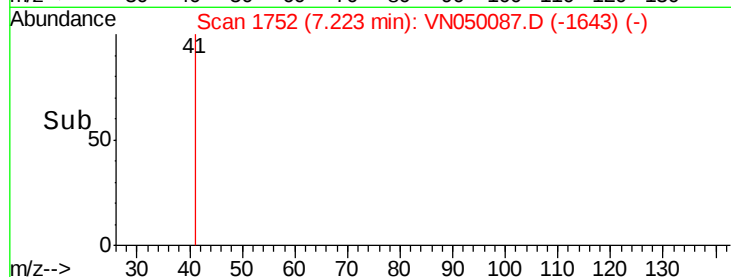
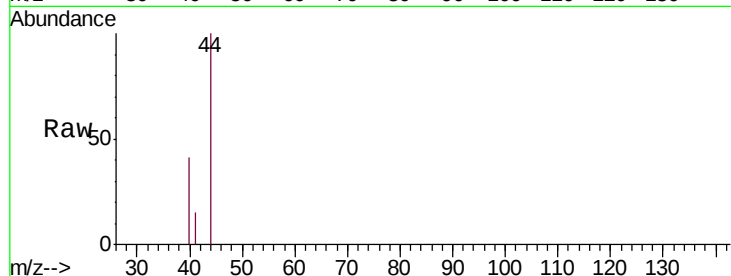




#41
Methacrylonitrile
Concen: 2.77 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.05 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

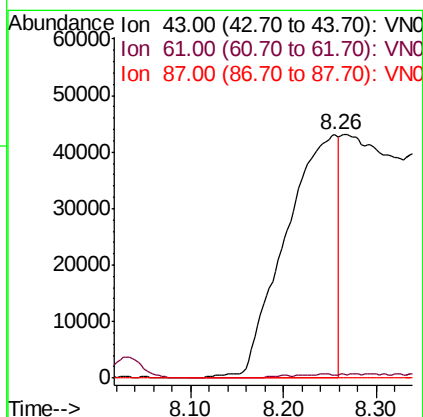
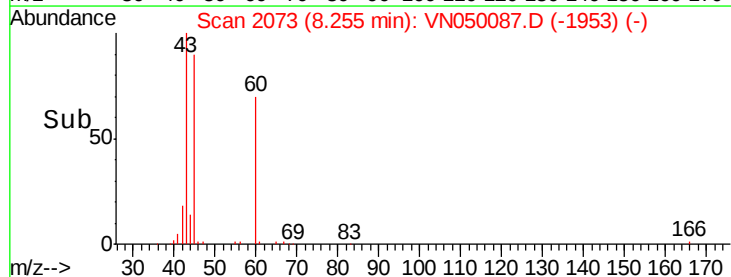
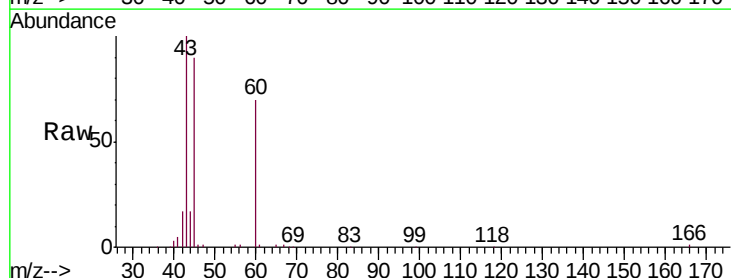
Instrument :
MSVOA_N
ClientSampleId :
MW-15

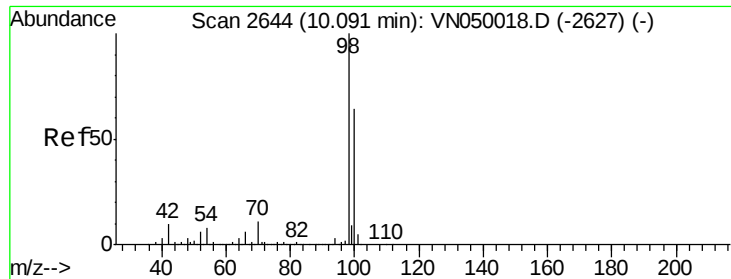
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	84.3	126.5#
52	0.0	34.2	51.2#



#43
Isopropyl Acetate
Concen: 9.43 ug/l
RT: 8.26 min Scan# 2073
Delta R.T. 0.09 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.8	23.6#
87	0.0	10.3	15.5#





#50

Toluene-d8

Concen: 46.02 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampleId :

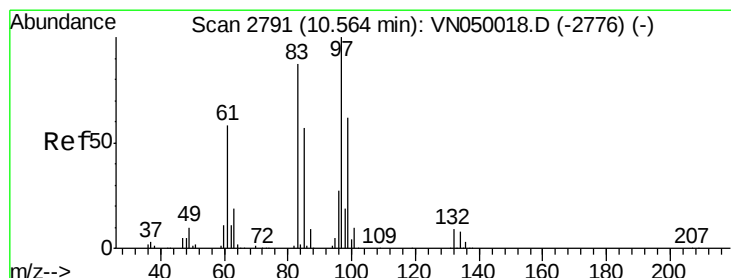
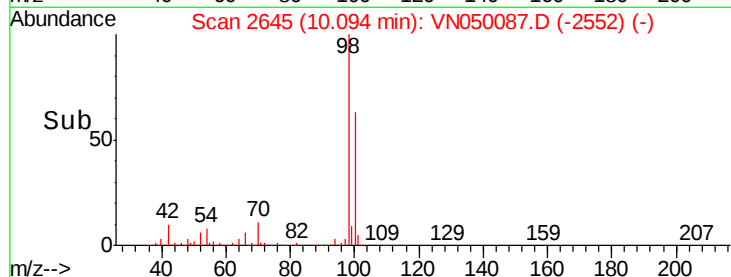
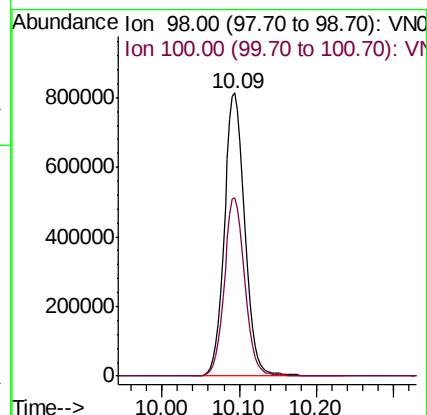
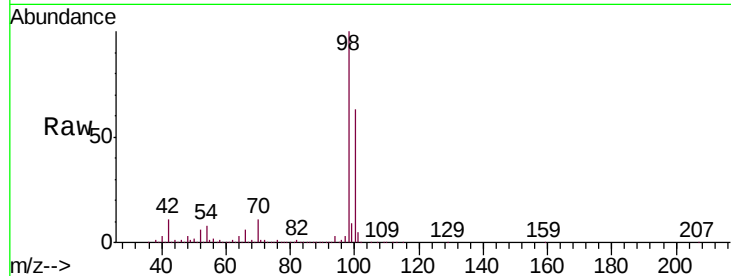
MW-15

Tot Ion: 98 Resp: 1505290

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#55

1,1,2-Trichloroethane

Concen: 1.09 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Tgt Ion: 97 Resp: 9530

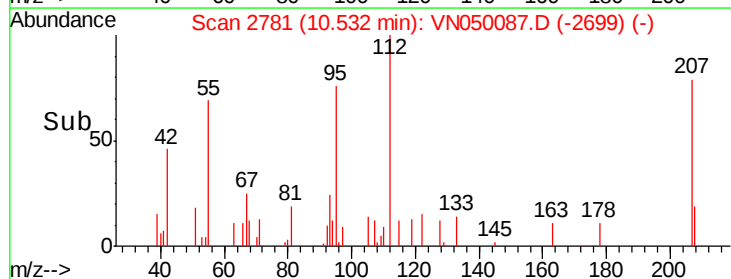
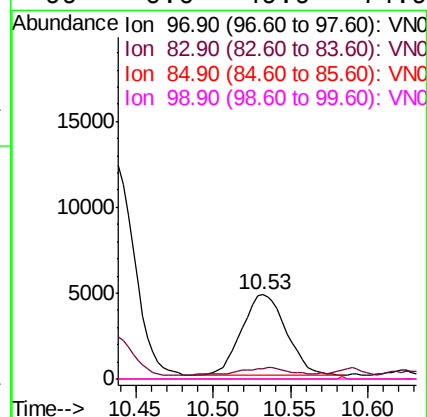
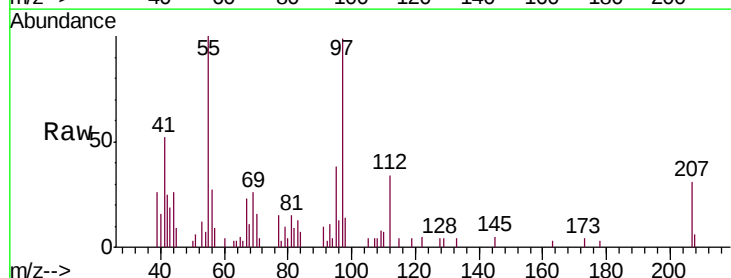
Ion Ratio Lower Upper

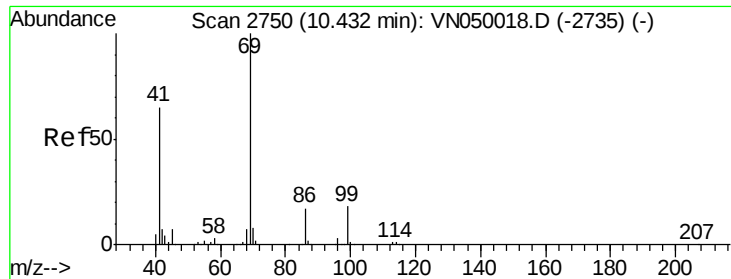
97 100

83 8.1 69.2 103.8#

85 0.0 44.0 66.0#

99 0.0 49.9 74.9#

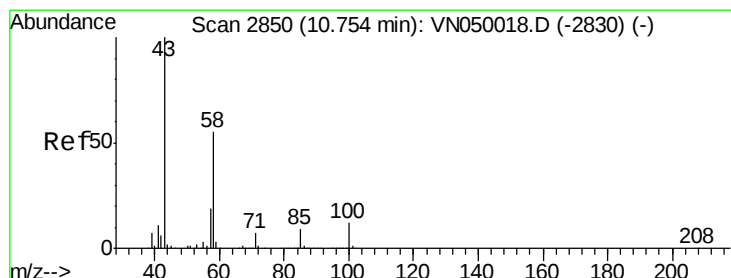
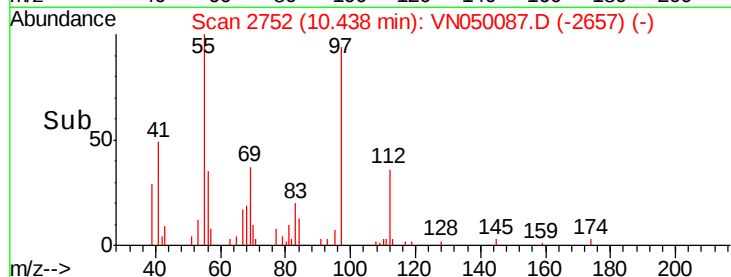
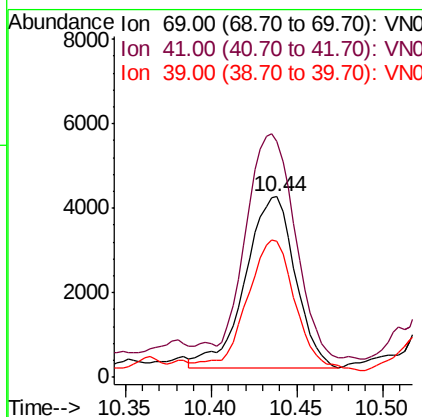
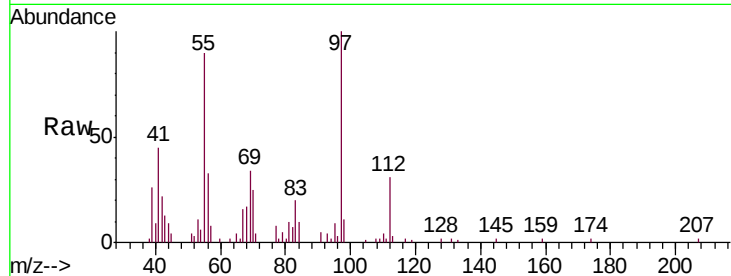




#56
Ethyl methacrylate
Concen: 2.70 ug/l
RT: 10.44 min Scan# 2752
Delta R.T. 0.01 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

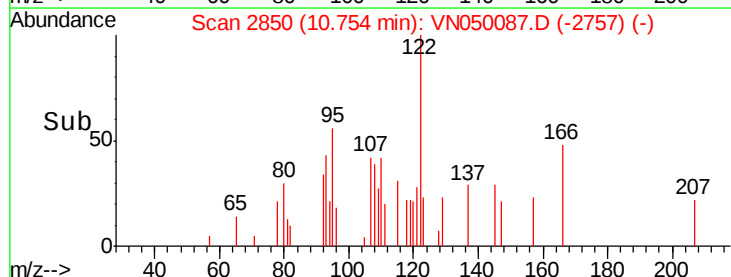
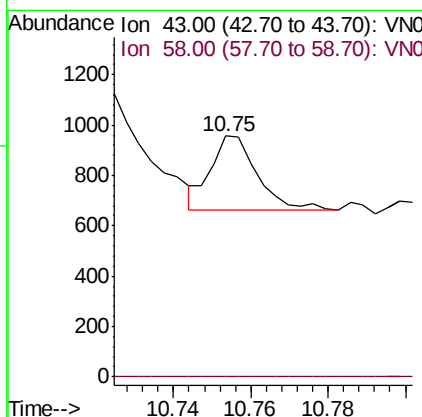
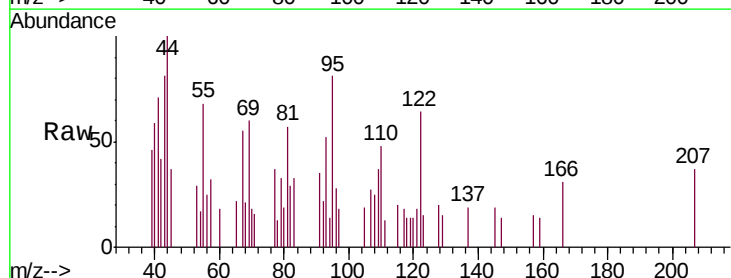
Instrument :
MSVOA_N
ClientSampled :
MW-15

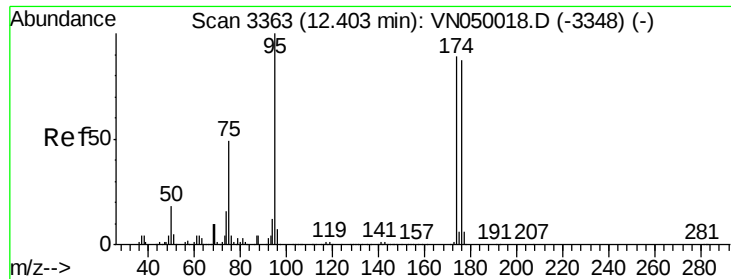
Tot Ion: 69 Resp: 8228
Ion Ratio Lower Upper
69 100
41 125.8 51.0 76.4#
39 72.0 26.6 40.0#



#59
2-Hexanone
Concen: 5.21 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

Tgt Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
58 0.0 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 41.21 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampleId :

MW-15

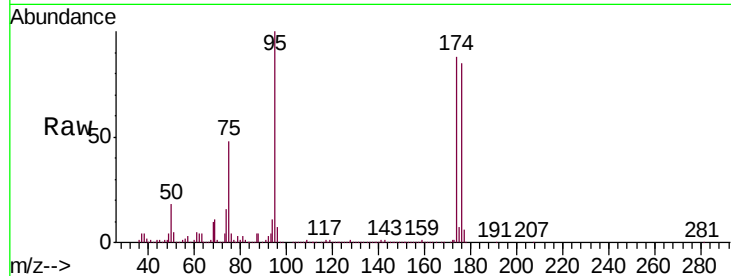
Tot Ion: 95 Resp: 443784

Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.2

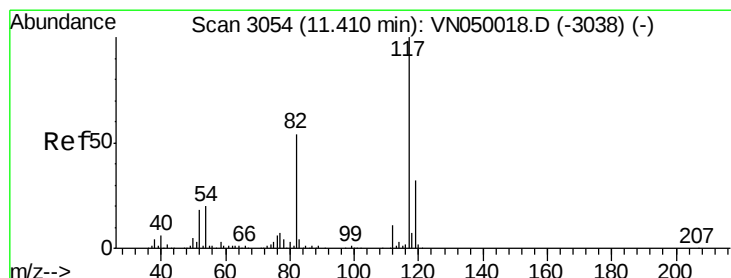
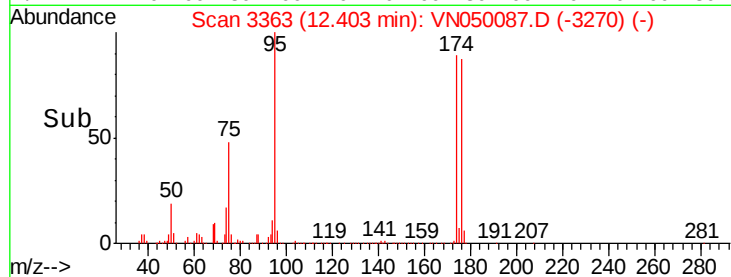
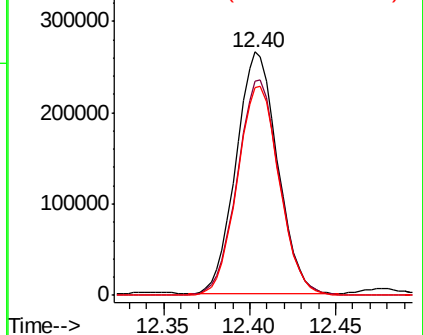
176 87.7 0.0 173.4



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

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

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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

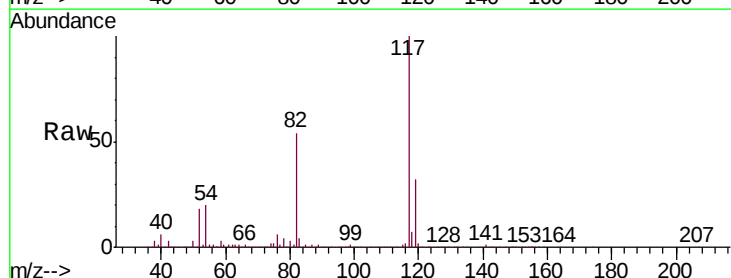
Tgt Ion: 117 Resp: 930103

Ion Ratio Lower Upper

117 100

82 53.9 43.7 65.5

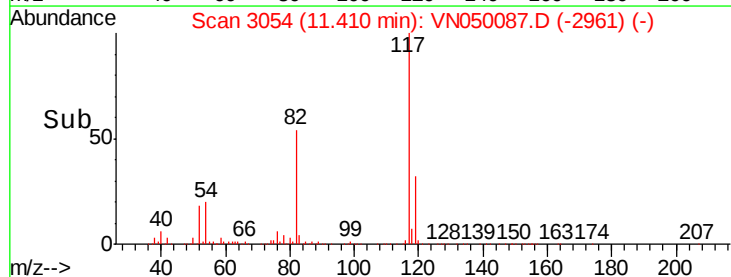
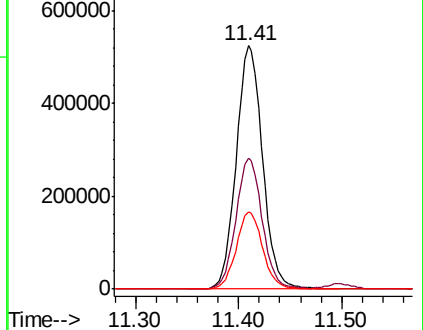
119 31.7 26.1 39.1

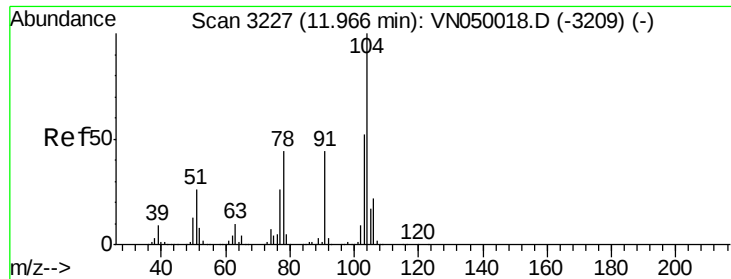


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

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

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





#70

Stvrene

Concen: 0.93 ug/l

RT: 11.98 min Scan# 3232

Delta R.T. 0.02 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampled :

MW-15

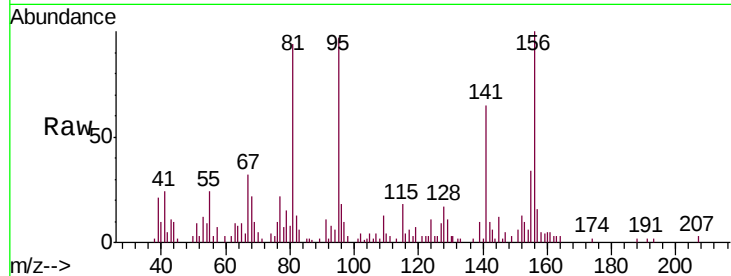
Tot Ion:104 Resp: 278

Ion Ratio Lower Upper

104 100

78 27.0 39.3 58.9#

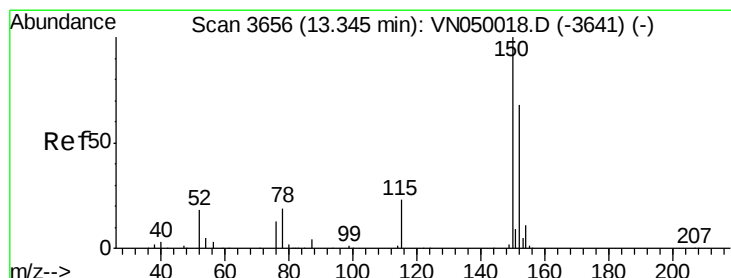
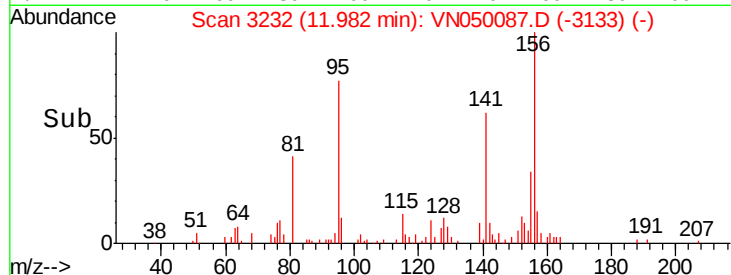
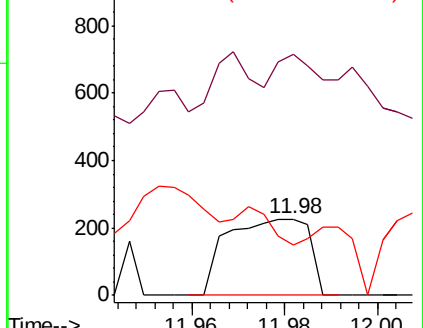
103 0.0 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): 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: VN050087.D

Acq: 26 Jul 2018 17:16

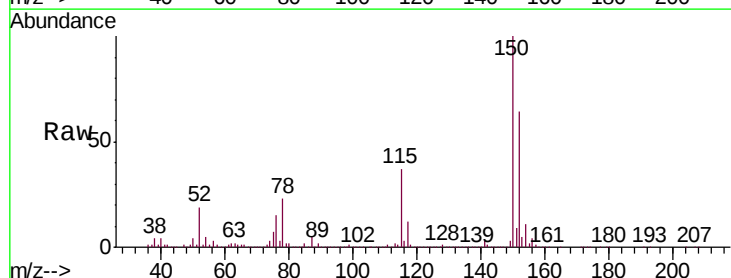
Tgt Ion:152 Resp: 367728

Ion Ratio Lower Upper

152 100

115 57.8 27.8 83.3

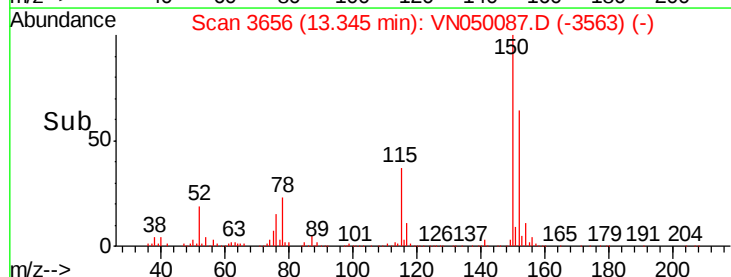
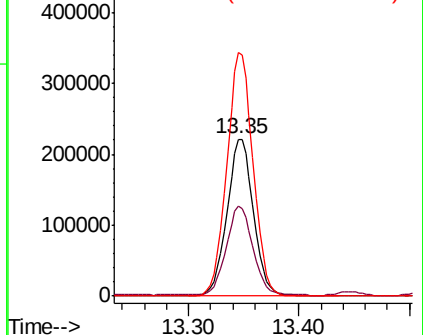
150 153.1 0.0 348.6

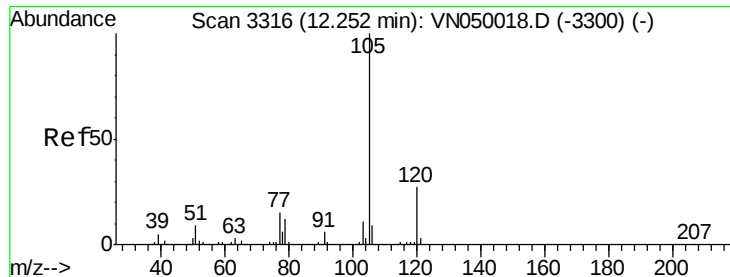


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.89 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampled :

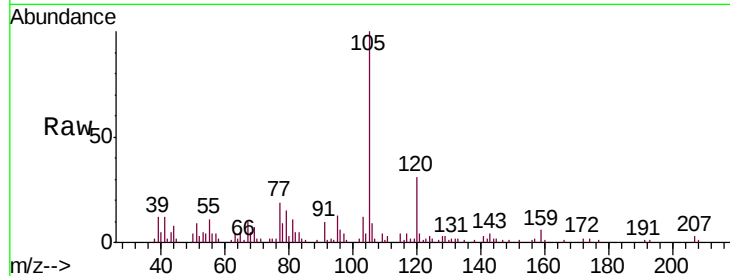
MW-15

Tot Ion:105 Resp: 25315

Ion Ratio Lower Upper

105 100

120 30.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

15000

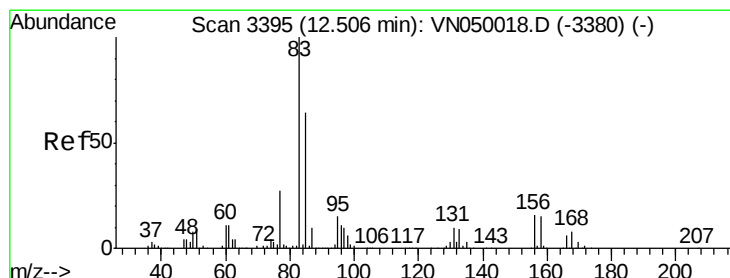
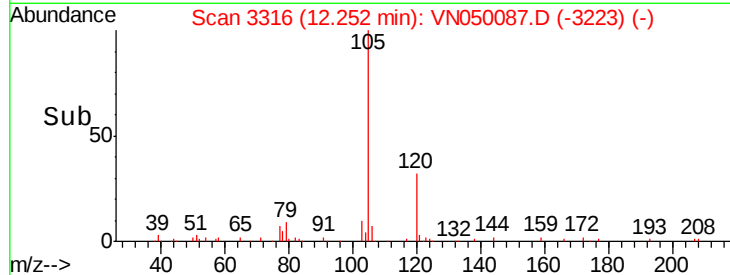
10000

5000

0

Time-->

12.20 12.25 12.30



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.22 min Scan# 3306

Delta R.T. -0.29 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

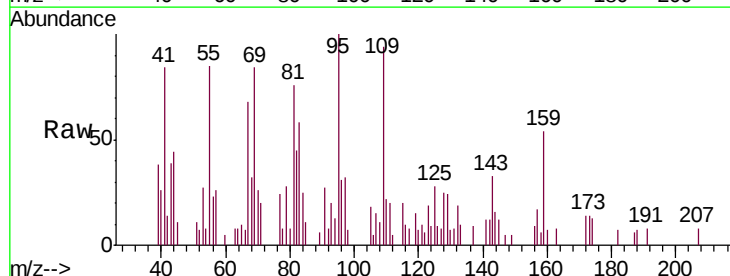
Tgt Ion: 83 Resp: 1071

Ion Ratio Lower Upper

83 100

131 12.2 5.1 15.3

85 54.7 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

2000

1500

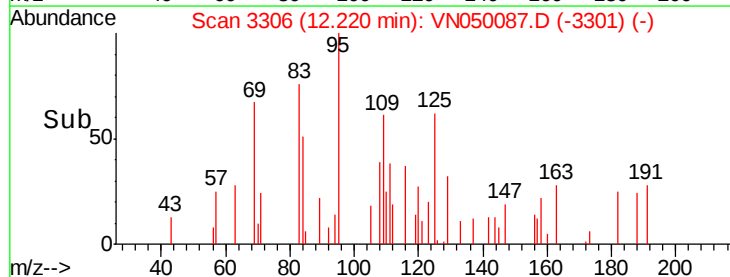
1000

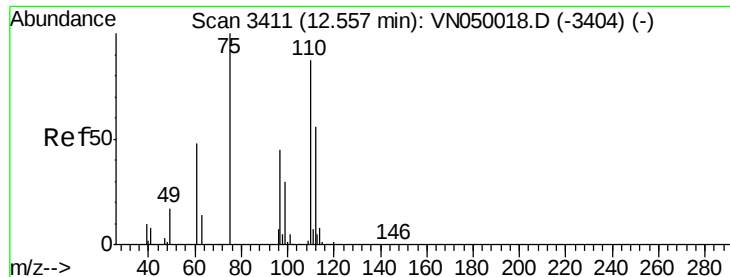
500

0

Time-->

12.20 12.22 12.24





#76

1,2,3-Trichloropropane

Concen: 31.95 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampled :

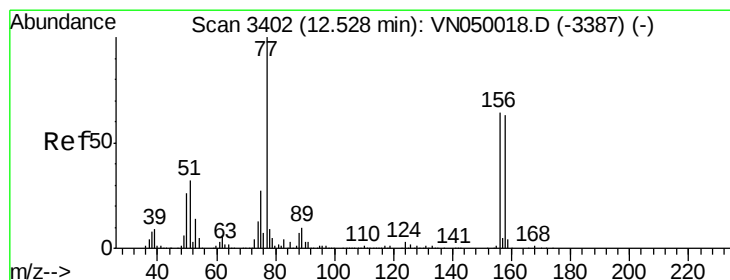
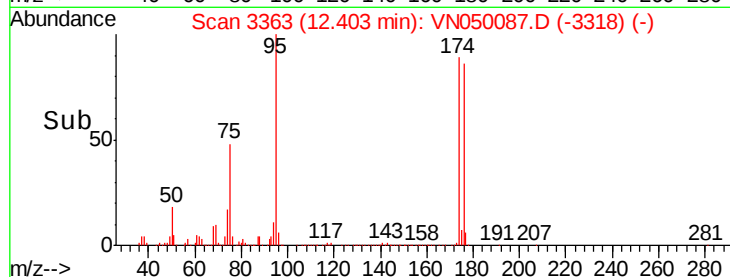
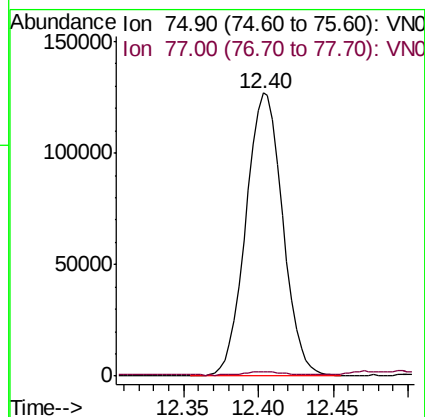
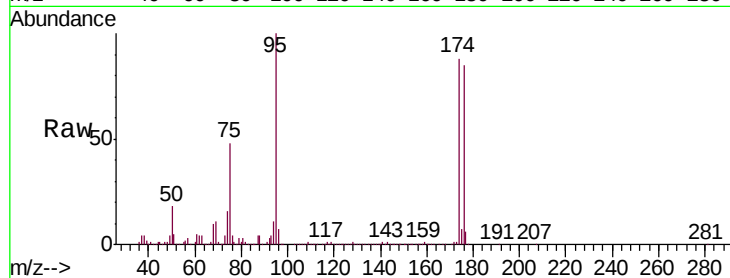
MW-15

Tot Ion: 75 Resp: 218323

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#77

Bromobenzene

Concen: 29.09 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.03 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

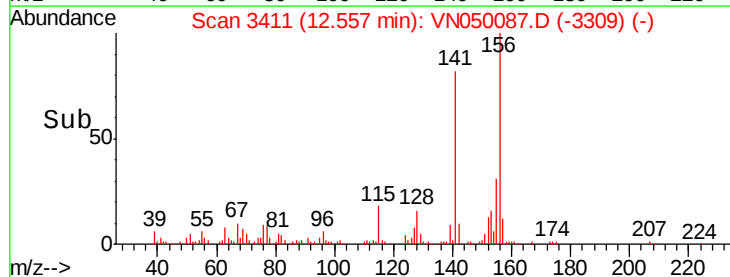
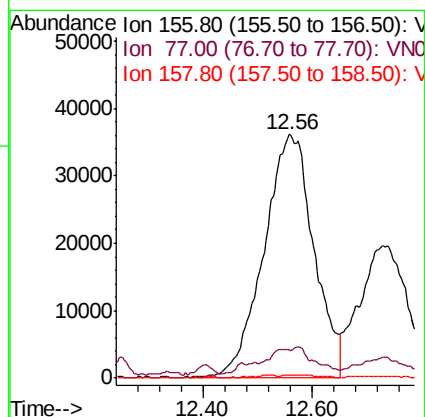
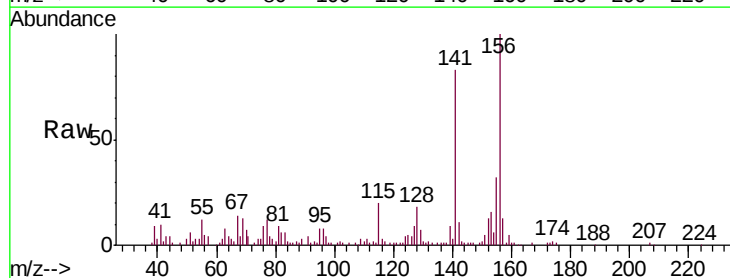
Tgt Ion: 156 Resp: 229958

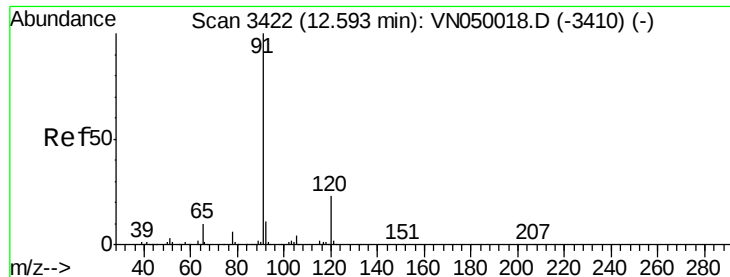
Ion Ratio Lower Upper

156 100

77 1.4 91.7 275.1#

158 0.1 48.9 146.6#





#78

n-propylbenzene

Concen: 0.50 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampled :

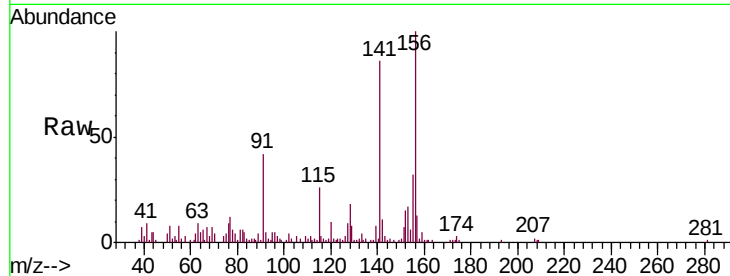
MW-15

Tot Ion: 91 Resp: 15831

Ion Ratio Lower Upper

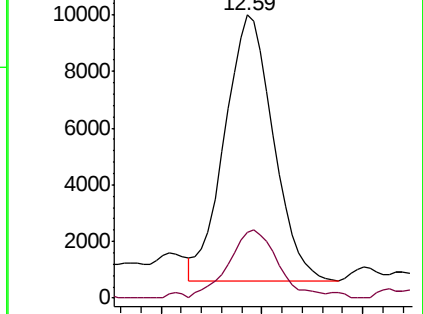
91 100

120 26.1 11.6 34.7

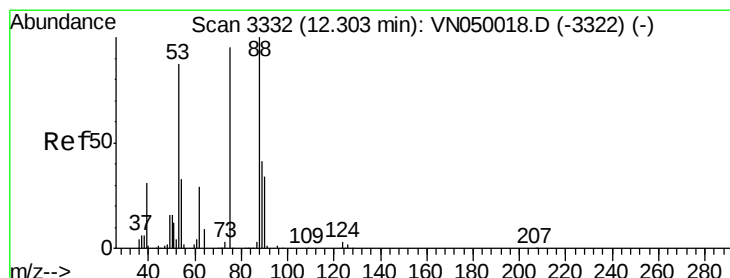
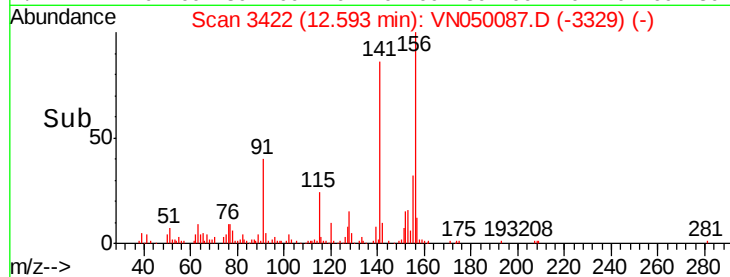


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): VN



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 101.33 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

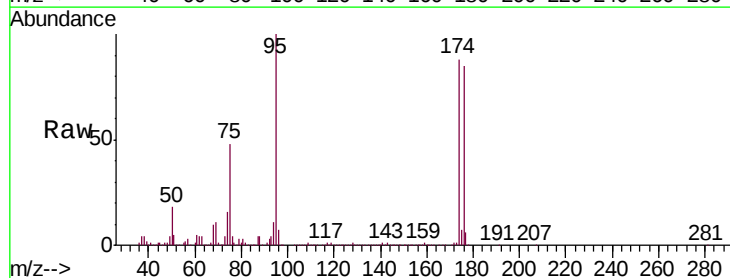
Tgt Ion: 75 Resp: 218323

Ion Ratio Lower Upper

75 100

53 0.4 73.5 110.3#

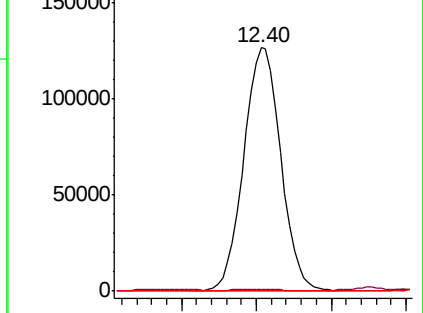
89 0.0 36.0 54.0#



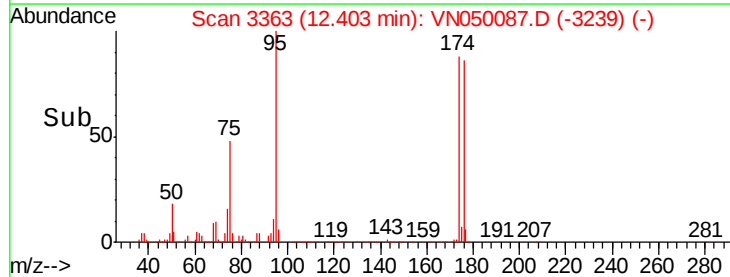
Abundance Ion 74.90 (74.60 to 75.60): VN0

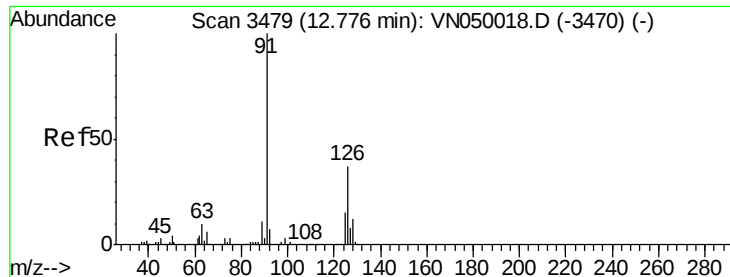
Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time-->





#82

4-Chlorotoluene

Concen: 0.81 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.18 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampled :

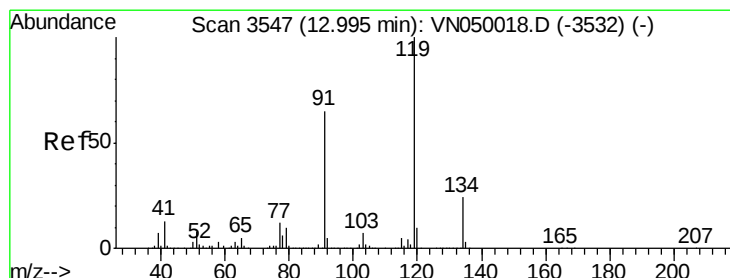
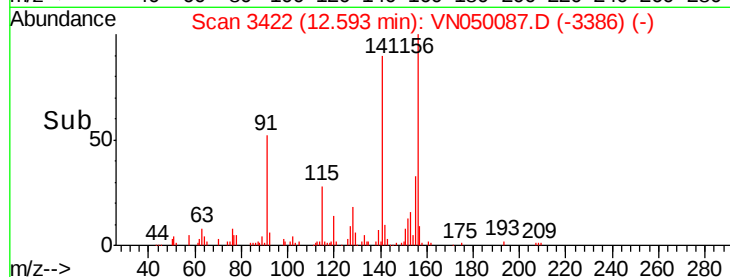
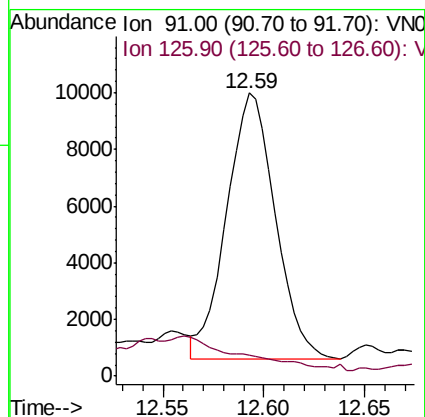
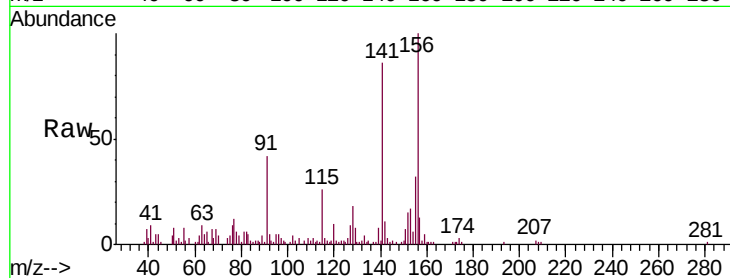
MW-15

Tot Ion: 91 Resp: 15831

Ion Ratio Lower Upper

91 100

126 0.0 17.0 51.0#



#83

tert-Butylbenzene

Concen: 2.17 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

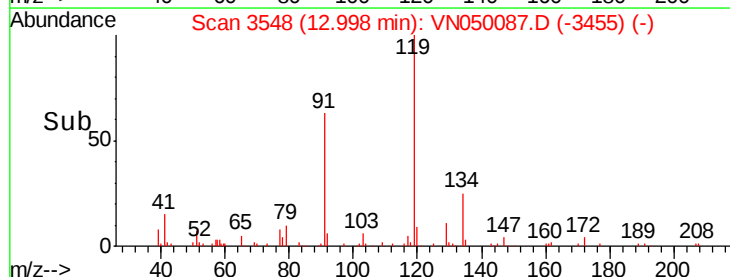
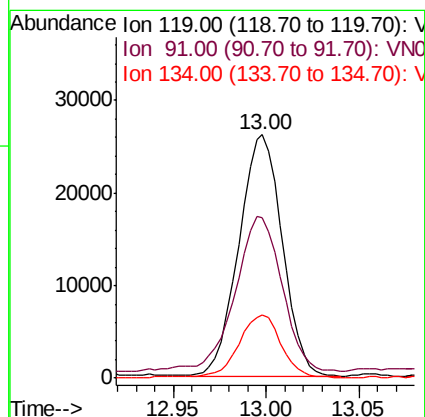
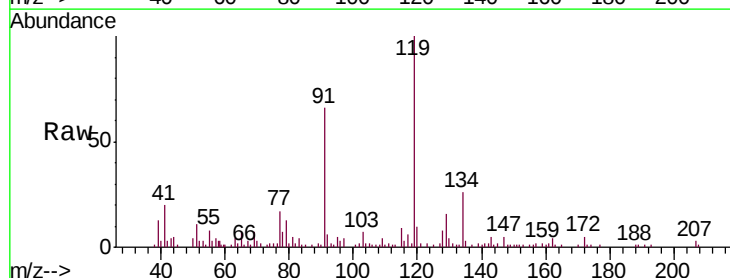
Tgt Ion: 119 Resp: 42395

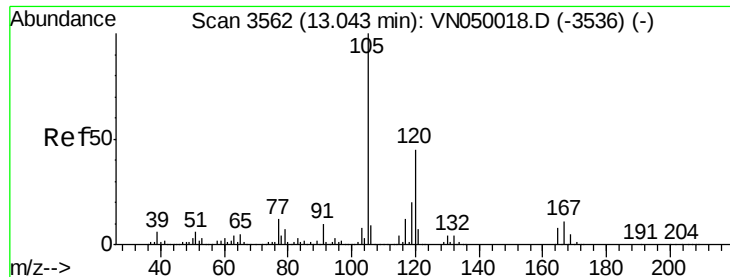
Ion Ratio Lower Upper

119 100

91 70.1 32.1 96.3

134 26.2 13.2 39.5





#84

1,2,4-Trimethylbenzene

Concen: 5.45 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.13 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampled :

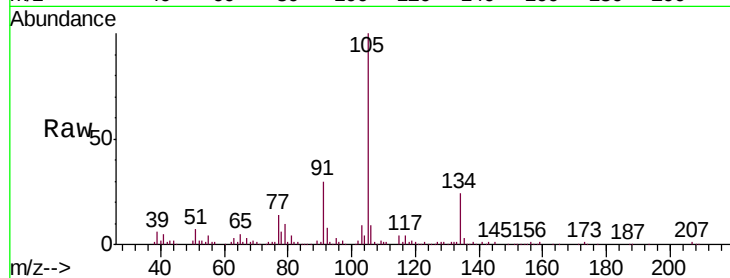
MW-15

Tot Ion:105 Resp: 123334

Ion Ratio Lower Upper

105 100

120 0.3 22.9 68.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

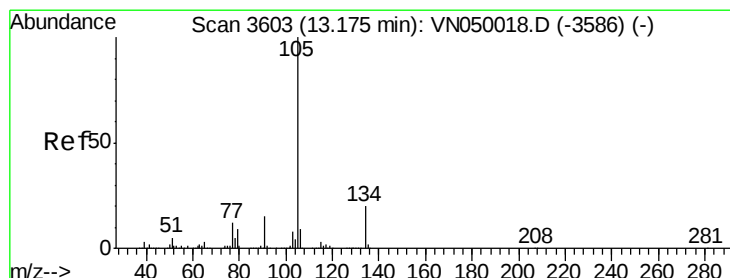
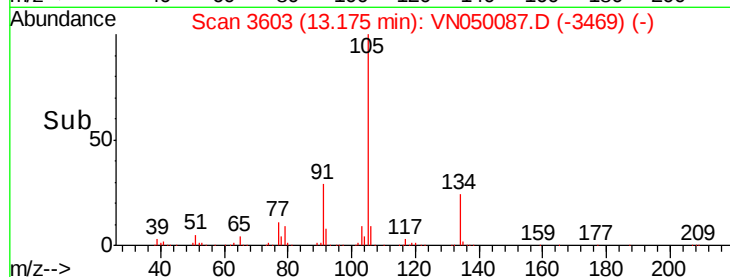
40000

20000

0

13.10 13.15 13.20 13.25

Time-->



#85

sec-Butylbenzene

Concen: 4.71 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050087.D

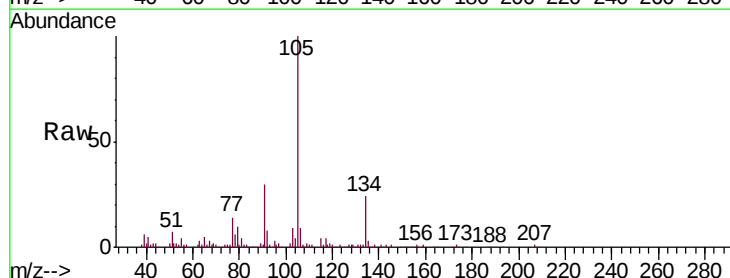
Acq: 26 Jul 2018 17:16

Tgt Ion:105 Resp: 123334

Ion Ratio Lower Upper

105 100

134 38.5 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

80000

60000

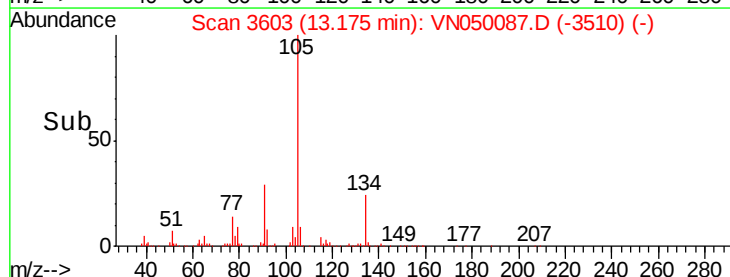
40000

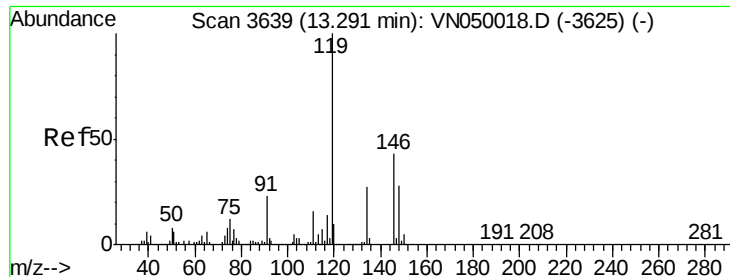
20000

0

13.10 13.15 13.20 13.25

Time-->

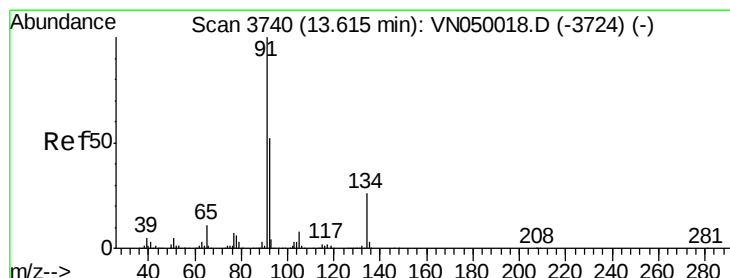
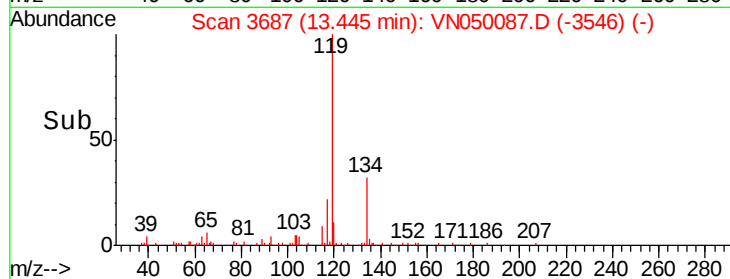
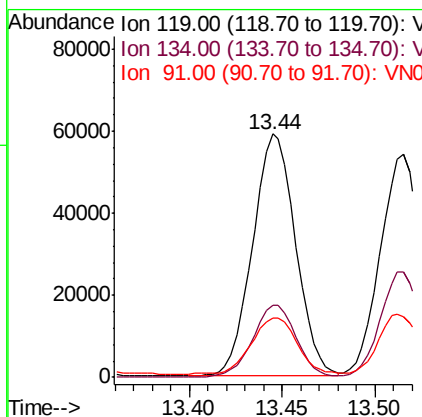
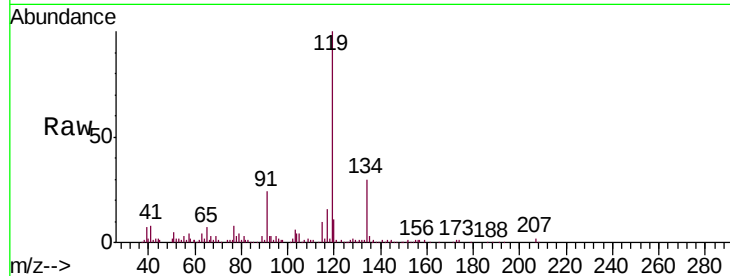




#86
p-Isopropyltoluene
Concen: 4.32 ug/l
RT: 13.44 min Scan# 3687
Delta R.T. 0.15 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

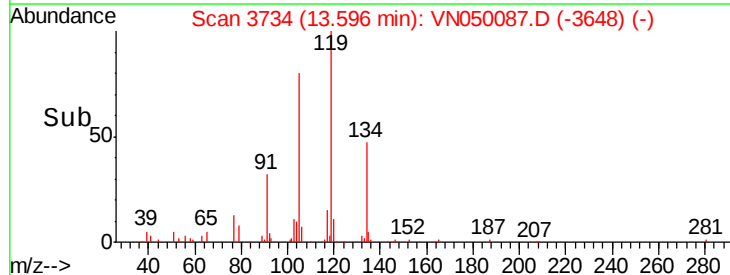
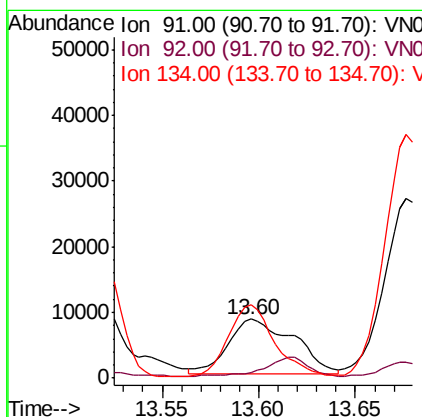
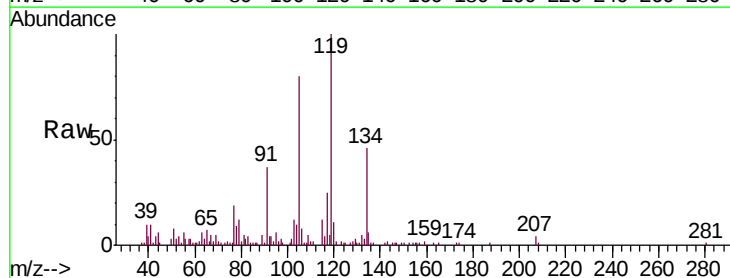
Instrument :
MSVOA_N
ClientSampled :
MW-15

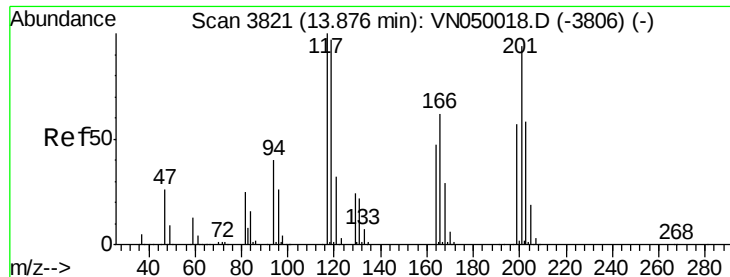
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.1	13.3	39.8
91	24.7	11.4	34.2



#89
n-Butylbenzene
Concen: 1.08 ug/l
RT: 13.60 min Scan# 3734
Delta R.T. -0.02 min
Lab File: VN050087.D
Acq: 26 Jul 2018 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	29.7	25.8	77.4
134	96.3	12.8	38.4#





#90

Hexachloroethane

Concen: 0.68 ug/l

RT: 13.89 min Scan# 3824

Delta R.T. 0.01 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampled :

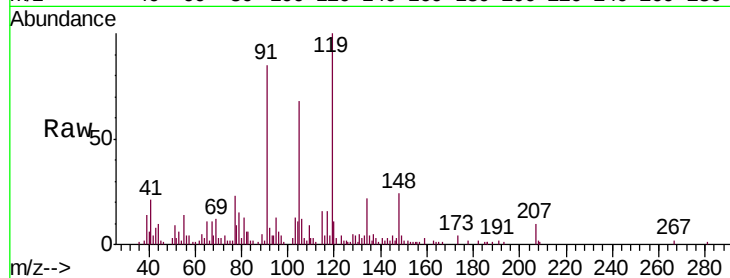
MW-15

Tot Ion:117 Resp: 3344

Ion Ratio Lower Upper

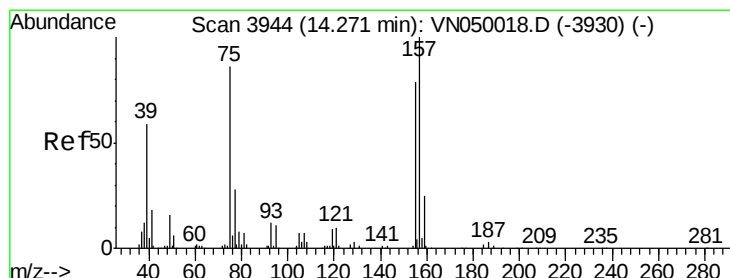
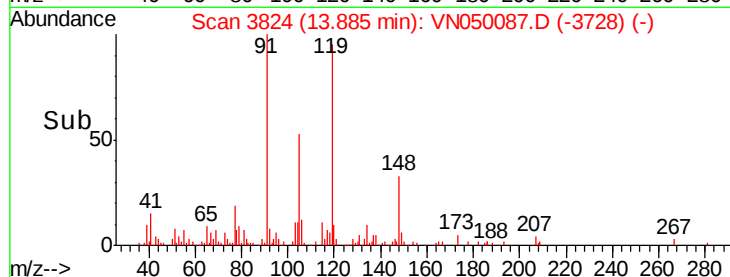
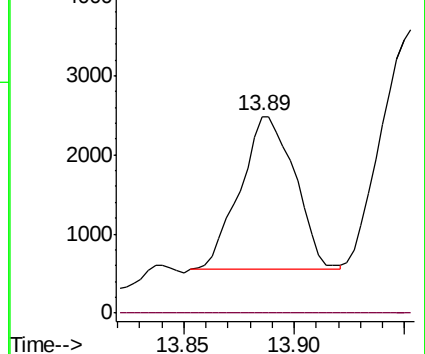
117 100

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: 14.30 min Scan# 3953

Delta R.T. 0.03 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

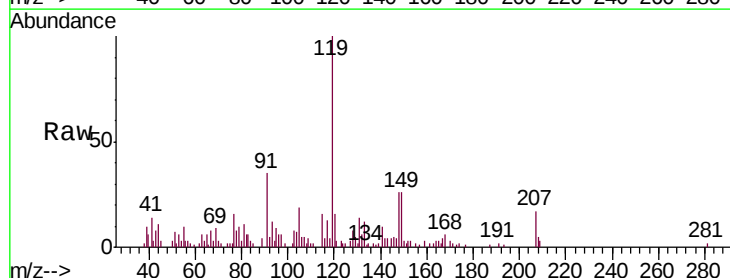
Tgt Ion: 75 Resp: 465

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

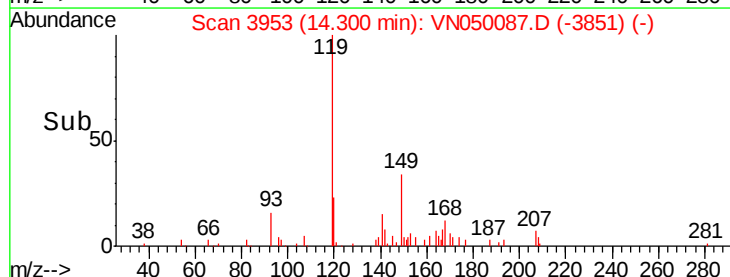
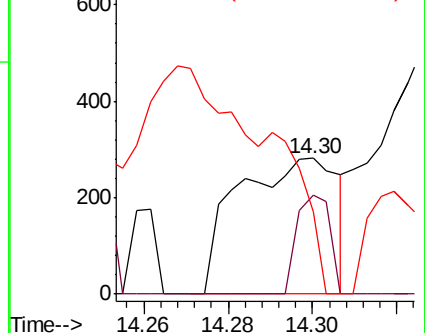
157 38.5 57.2 171.6#

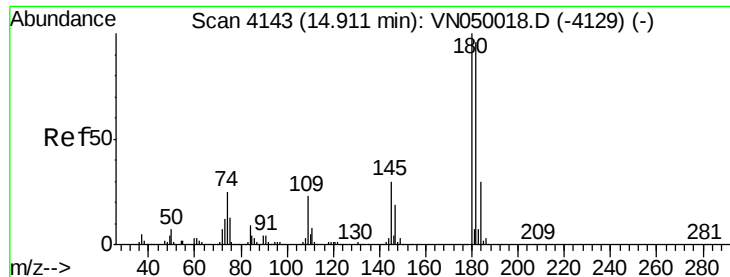


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 3.15 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

Instrument :

MSVOA_N

ClientSampleId :

MW-15

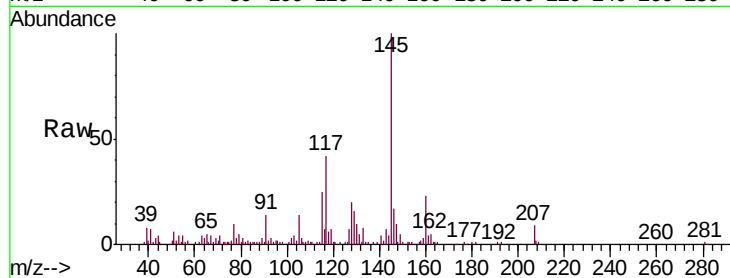
Tot Ion:180 Resp: 490

Ion Ratio Lower Upper

180 100

182 41.6 46.7 140.1#

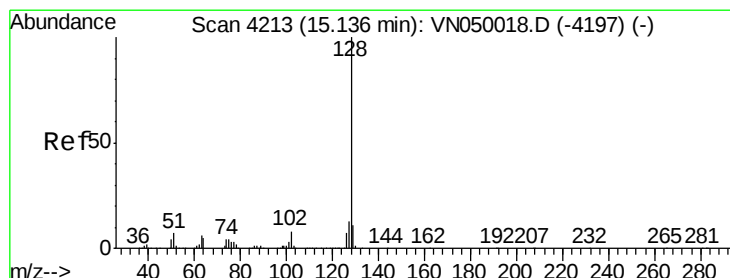
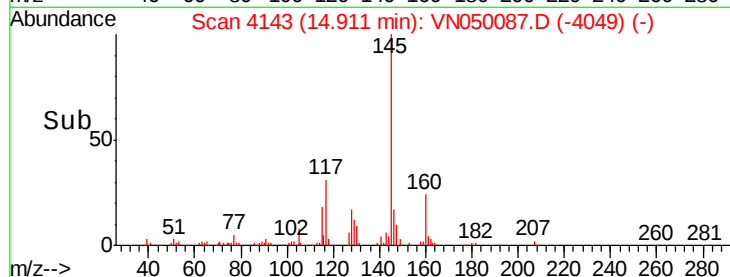
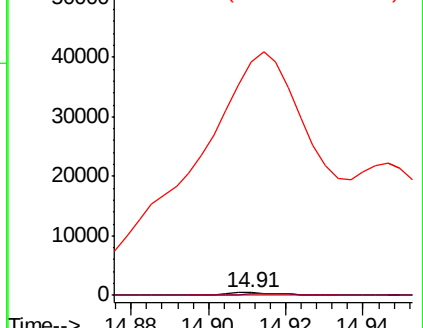
145 16609.0 13.8 41.4#



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: 4.74 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. -0.03 min

Lab File: VN050087.D

Acq: 26 Jul 2018 17:16

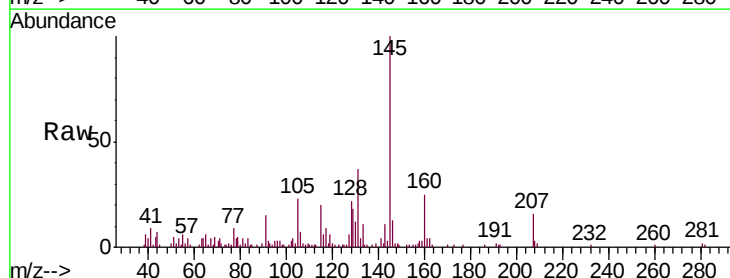
Tgt Ion:128 Resp: 5967

Ion Ratio Lower Upper

128 100

127 19.8 10.4 15.6#

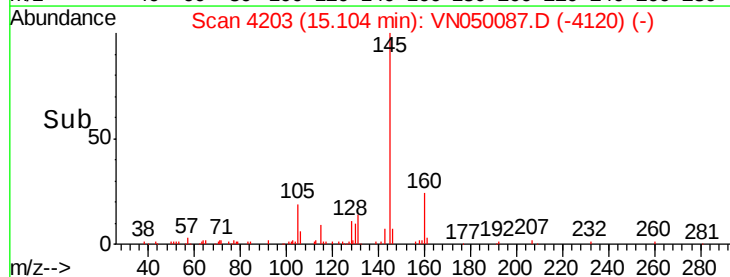
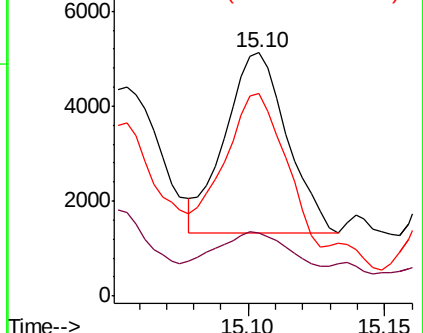
129 87.7 8.8 13.2#

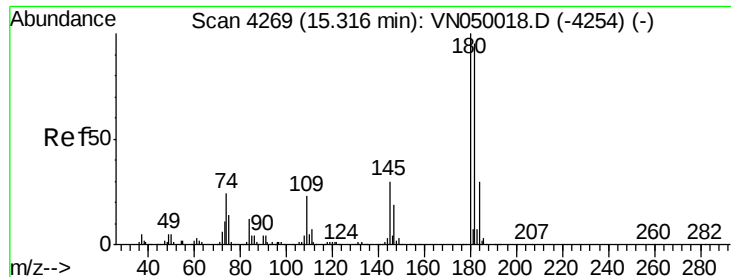


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

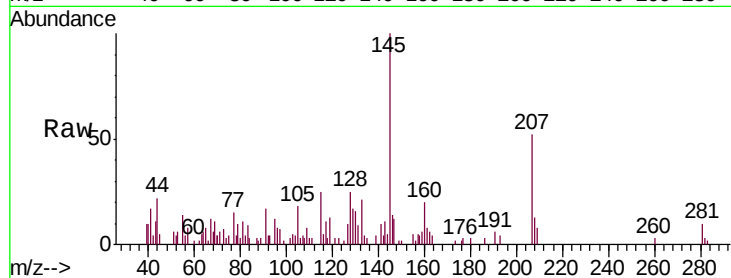




#96
 1,2,3-Trichlorobenzene
 Concen: 2.22 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN050087.D
 Acq: 26 Jul 2018 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Tot Ion:180 Resp: 111
 Ion Ratio Lower Upper
 180 100
 182 30.6 48.1 144.4#
 145 36111.7 15.3 45.9#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

