

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051175.D
 Acq On : 14 Sep 2018 8:55
 Operator : MD\SY
 Sample : VN0914WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBL01

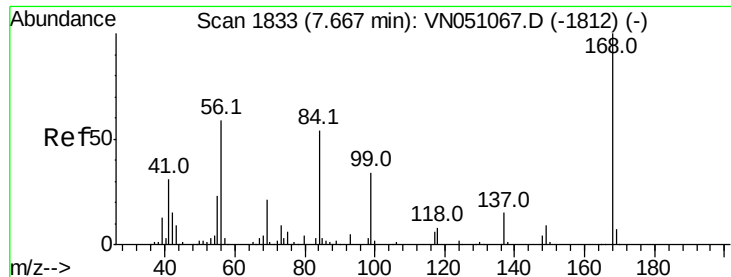
Quant Time: Sep 14 14:56:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	585720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	891295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	771406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	223340	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	336584	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
35) Dibromofluoromethane	7.59	113	347685	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
50) Toluene-d8	10.09	98	1244402	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.40	95	321549	38.25	ug/l	0.00
Spiked Amount			Recovery	=	76.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2465	Below Cal	#	86
5) Bromomethane	2.57	94	2409	Below Cal		93
10) Methyl Iodide	3.96	142	829	5.749	ug/l #	44
13) Acrolein	3.60	56	62	24.374	ug/l #	13
16) Acetone	3.82	43	180	Below Cal	#	40
17) Carbon Disulfide	4.05	76	4168	0.339	ug/l #	86
18) Methyl Acetate	4.33	43	1497	0.287	ug/l	96
29) Tetrahydrofuran	7.22	42	1211	0.757	ug/l #	49
31) Cyclohexane	7.66	56	8758	0.594	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	37240	3.806	ug/l #	48
38) Carbon Tetrachloride	7.67	117	49872	5.178	ug/l #	16
43) Isopropyl Acetate	8.27	43	19560	1.956	ug/l #	50
51) 4-Methyl-2-Pentanone	9.99	43	1840	0.333	ug/l #	34
56) Ethyl methacrylate	10.44	69	133	2.469	ug/l #	47
59) 2-Hexanone	10.75	43	2188	0.583	ug/l	80
74) N-amyl acetate	12.08	43	1303	0.276	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.50	83	383	Below Cal	#	83
76) 1,2,3-Trichloropropane	12.40	75	146063	41.944	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	146063	124.205	ug/l #	15
88) 1,4-Dichlorobenzene	13.28	146	1636	0.221	ug/l	96
89) n-Butylbenzene	13.62	91	2659	0.235	ug/l	95
90) Hexachloroethane	13.88	117	523	Below Cal		96
91) 1,2-Dichlorobenzene	13.65	146	1772	0.213	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	93	0.800	ug/l #	45
93) 1,2,4-Trichlorobenzene	14.91	180	2328	4.515	ug/l #	85
94) Hexachlorobutadiene	15.01	225	4917	0.283	ug/l	93
95) Naphthalene	15.13	128	4013	5.768	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.31	180	2814	3.638	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampled :

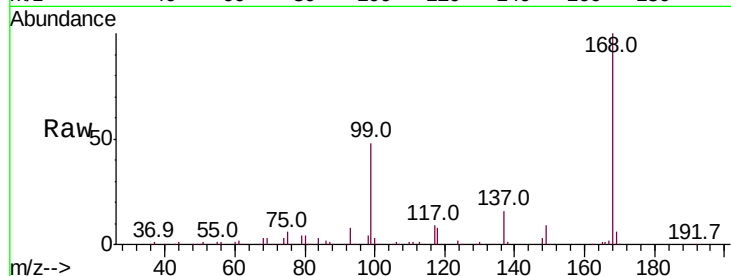
VN0914WBL01

Tot Ion:168 Resp: 585720

Ion Ratio Lower Upper

168 100

99 47.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

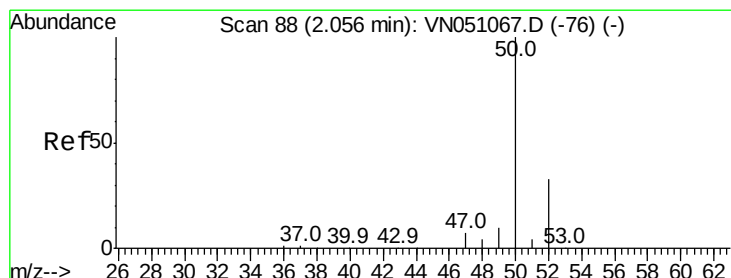
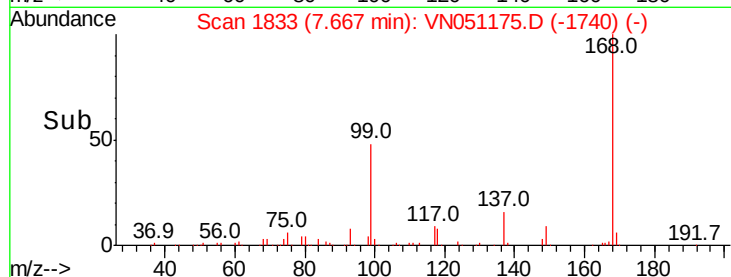
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051175.D

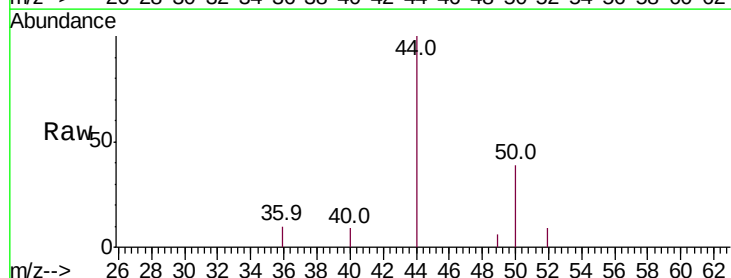
Acq: 14 Sep 2018 8:55

Tgt Ion: 50 Resp: 2465

Ion Ratio Lower Upper

50 100

52 24.4 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

2000

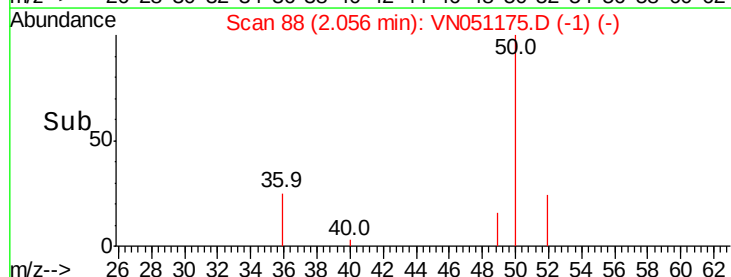
1500

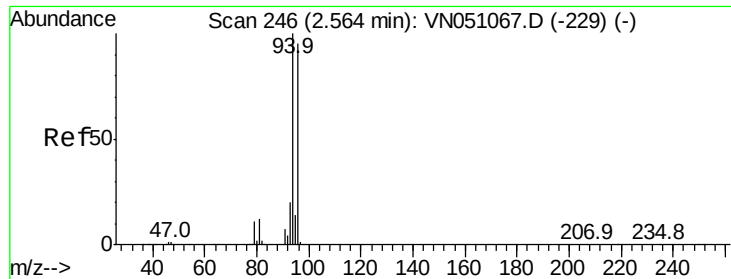
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampled :

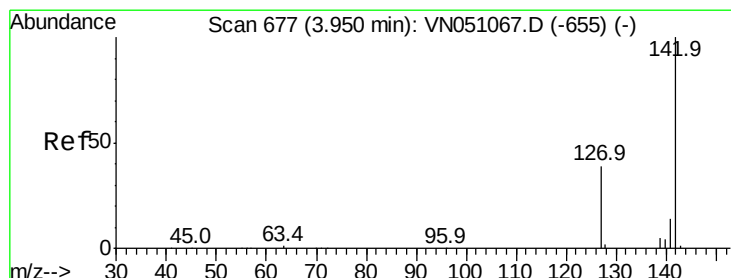
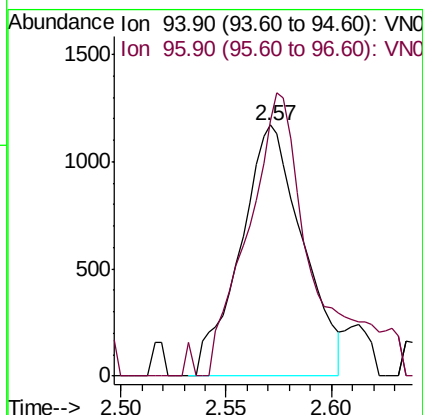
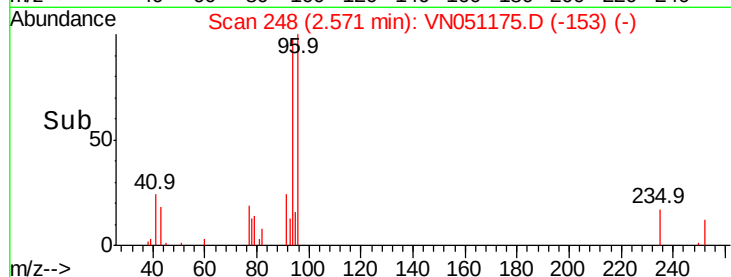
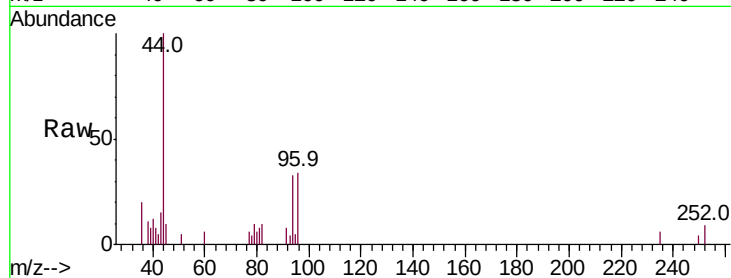
VN0914WBL01

Tot Ion: 94 Resp: 2409

Ion Ratio Lower Upper

94 100

96 88.3 75.9 113.9



#10

Methyl Iodide

Concen: 5.749 ug/l

RT: 3.96 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

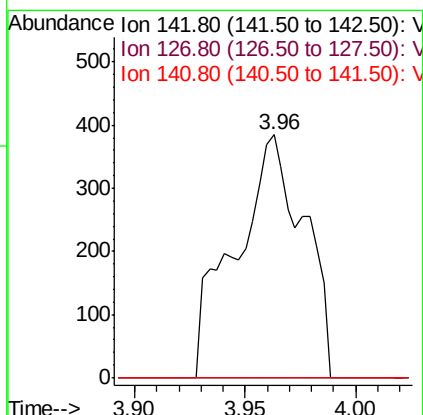
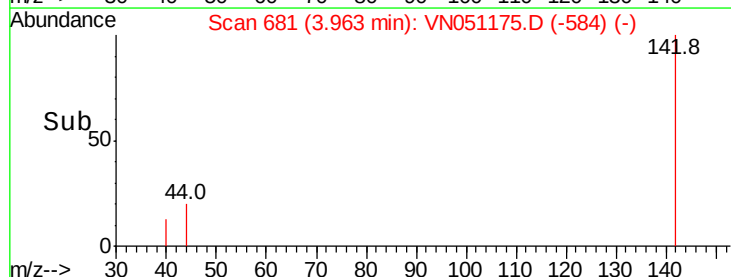
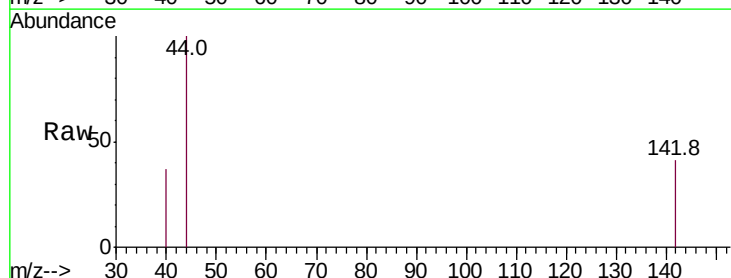
Tgt Ion: 142 Resp: 829

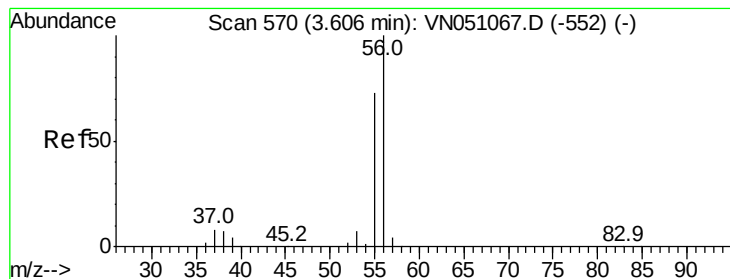
Ion Ratio Lower Upper

142 100

127 0.0 31.0 46.4#

141 0.0 11.3 16.9#





#13

Acrolein

Concen: 24.374 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampleId :

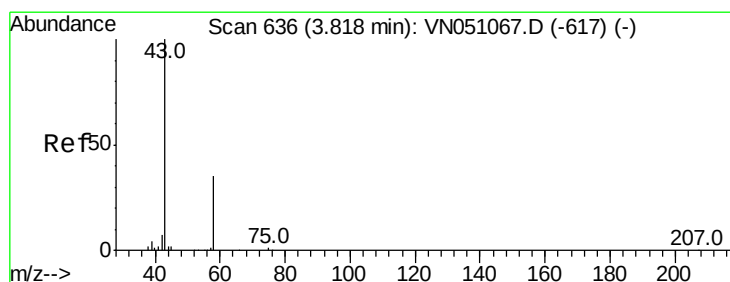
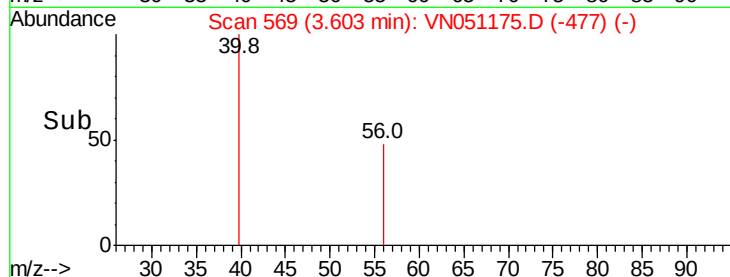
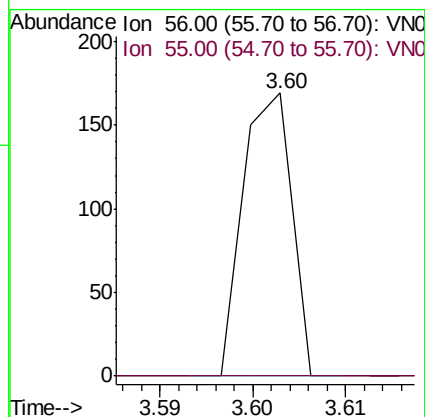
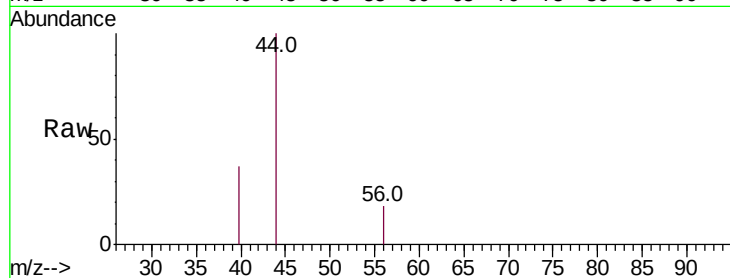
VN0914WBL01

Tot Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

55 0.0 58.0 87.0#



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051175.D

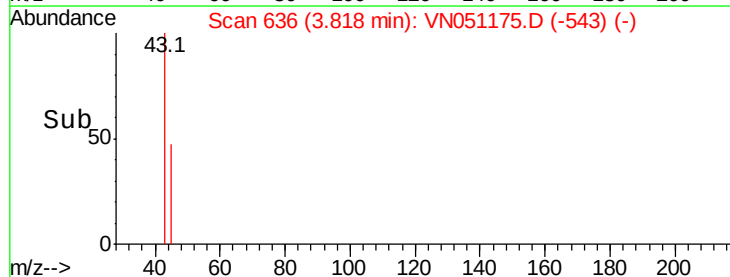
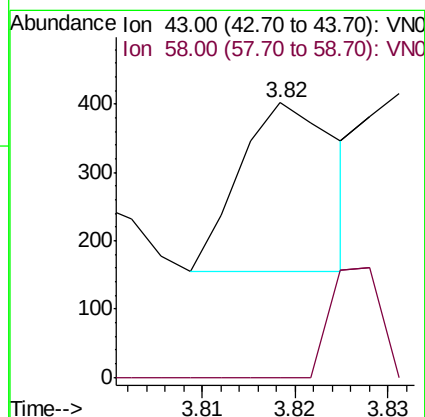
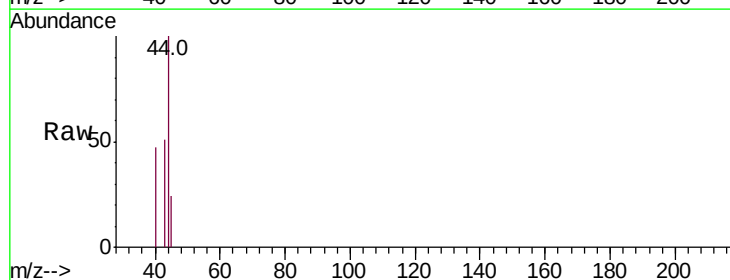
Acq: 14 Sep 2018 8:55

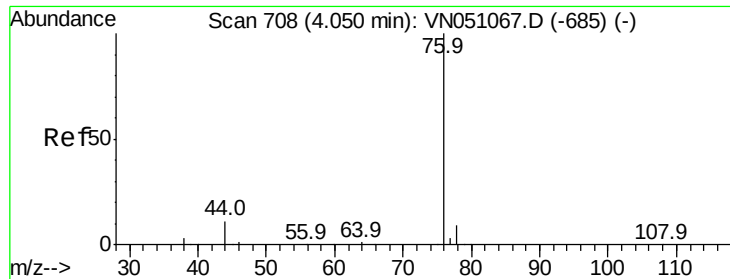
Tgt Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.6#





#17

Carbon Disulfide

Concen: 0.339 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampleId :

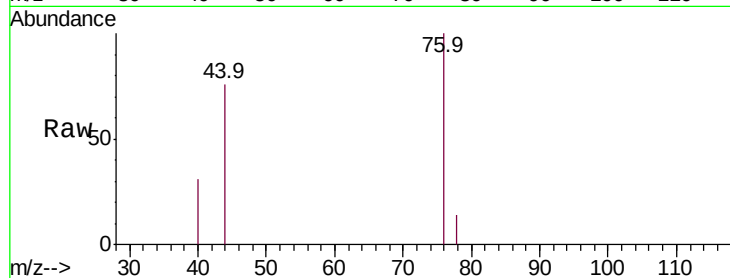
VN0914WBL01

Tot Ion: 76 Resp: 4168

Ion Ratio Lower Upper

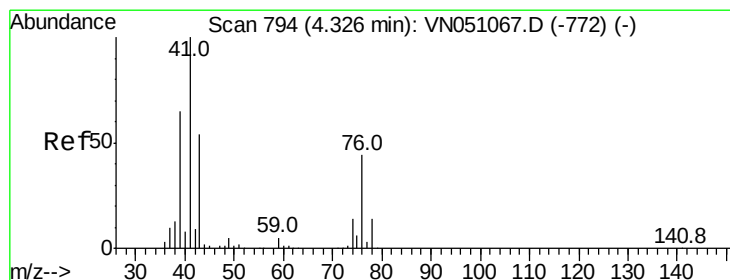
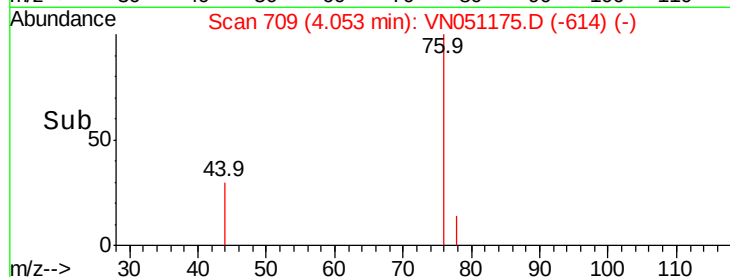
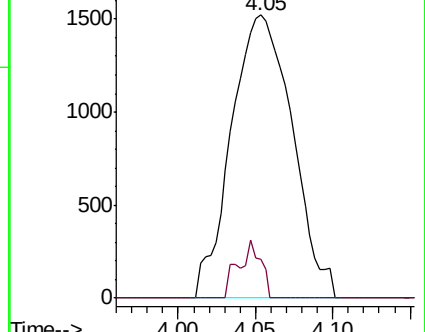
76 100

78 13.8 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN051067.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN051067.D (-685) (-)



#18

Methyl Acetate

Concen: 0.287 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051175.D

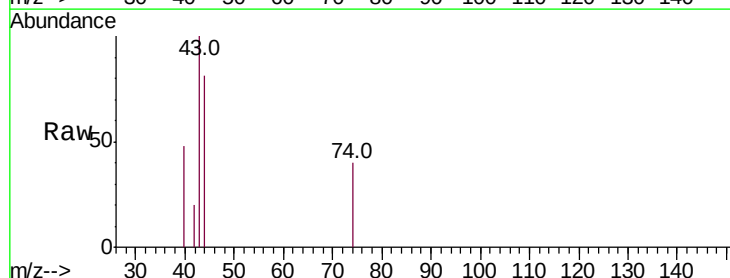
Acq: 14 Sep 2018 8:55

Tgt Ion: 43 Resp: 1497

Ion Ratio Lower Upper

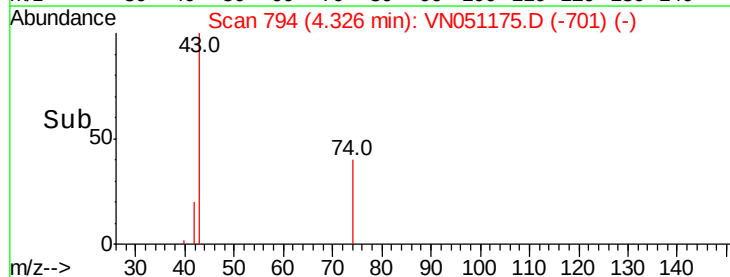
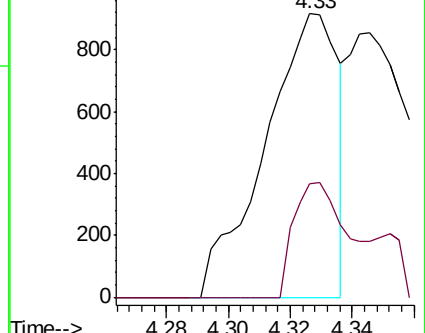
43 100

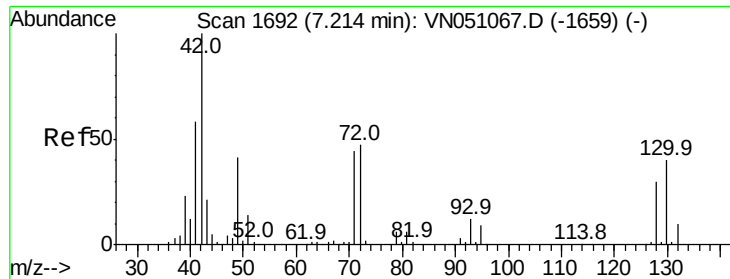
74 28.1 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-772) (-)

Ion 74.00 (73.70 to 74.70): VN051067.D (-772) (-)





#29

Tetrahydrofuran

Concen: 0.757 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBL01

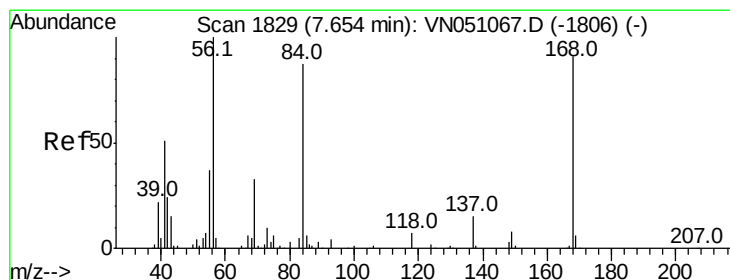
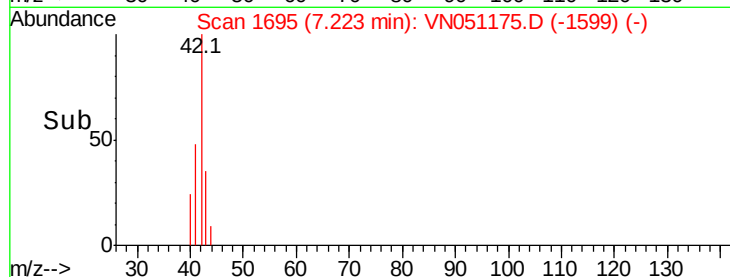
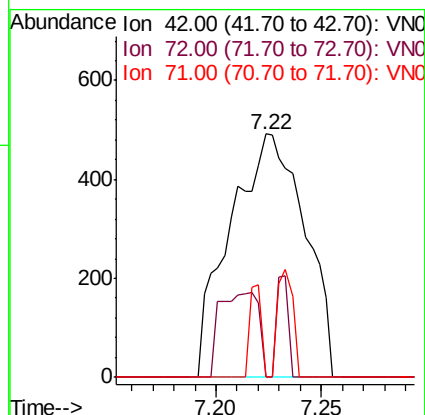
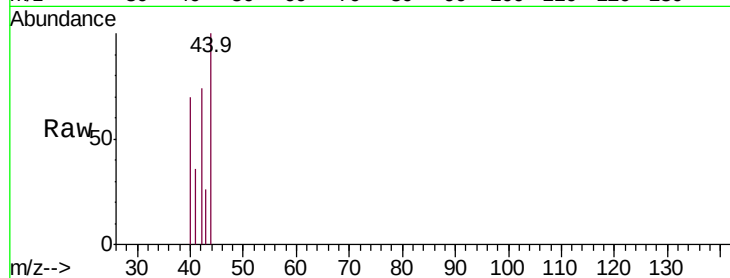
Tot Ion: 42 Resp: 1211

Ion Ratio Lower Upper

42 100

72 17.8 37.4 56.0#

71 5.9 34.7 52.1#



#31

Cyclohexane

Concen: 0.594 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

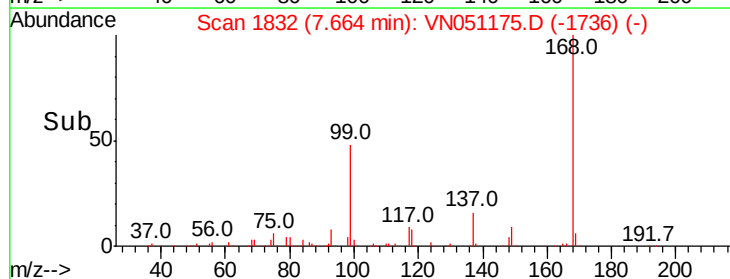
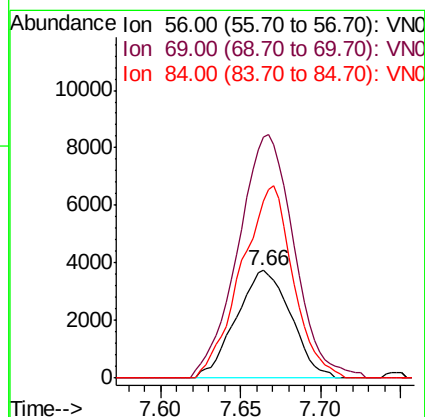
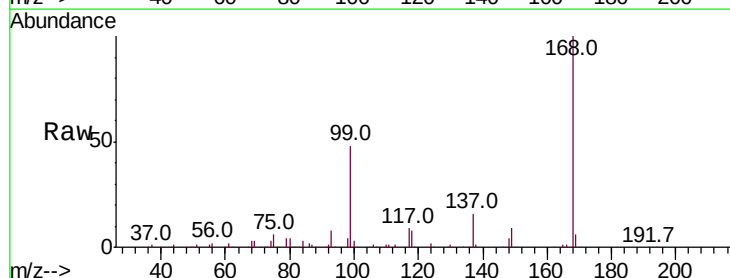
Tgt Ion: 56 Resp: 8758

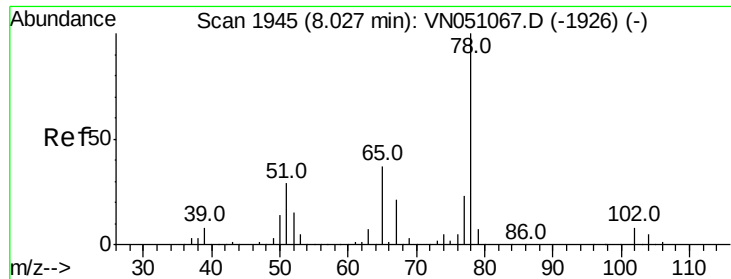
Ion Ratio Lower Upper

56 100

69 223.8 26.3 39.5#

84 164.7 69.4 104.0#

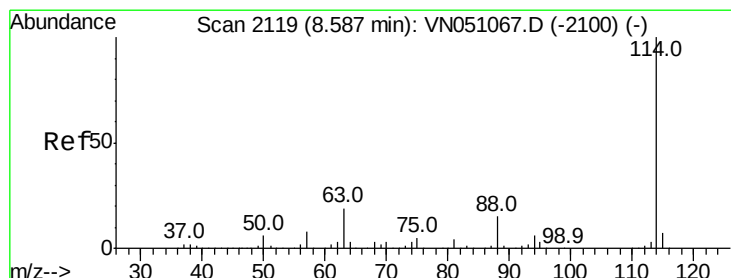
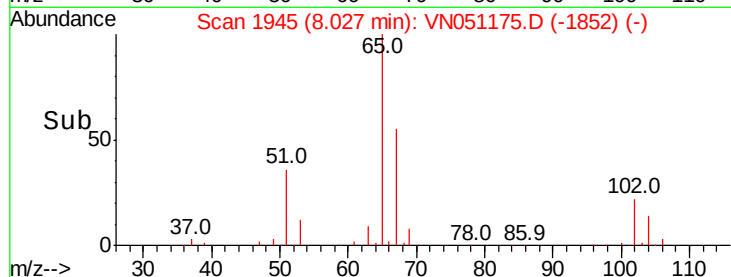
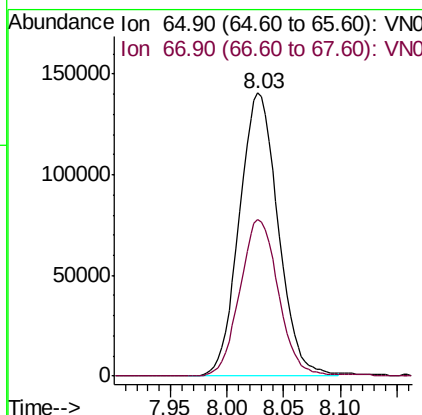
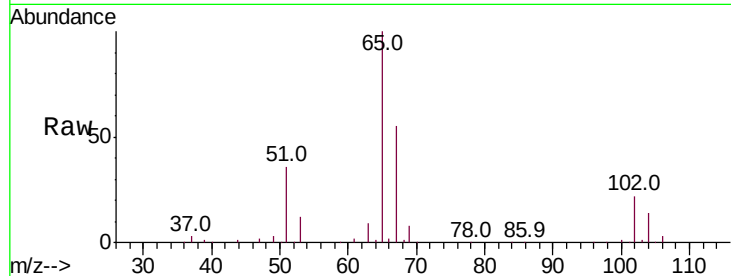




#33
 1,2-Dichloroethane-d4
 Concen: 51.638 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051175.D
 Acq: 14 Sep 2018 8:55

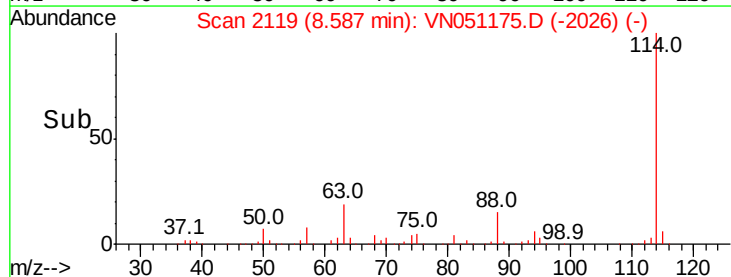
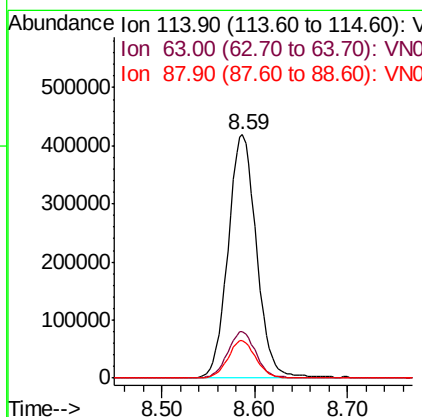
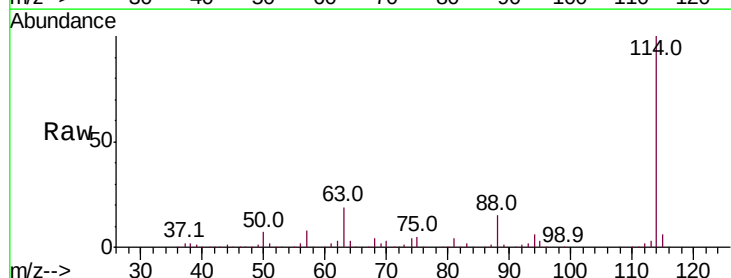
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBL01

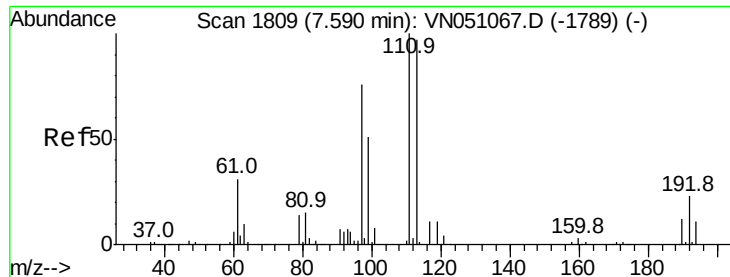
Tot Ion: 65 Resp: 336584
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051175.D
 Acq: 14 Sep 2018 8:55

Tgt Ion: 114 Resp: 891295
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.3 0.0 30.8

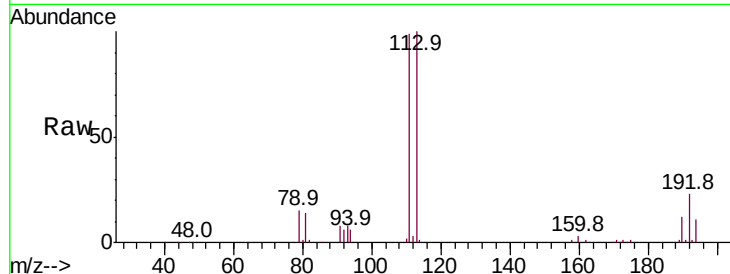




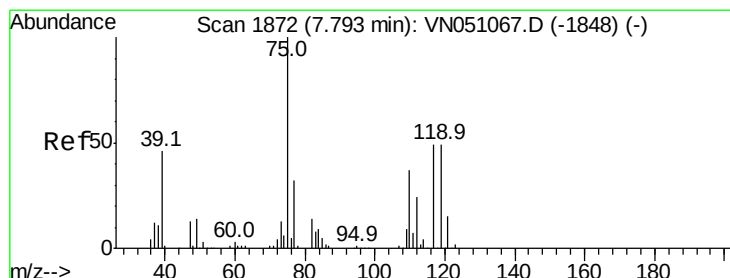
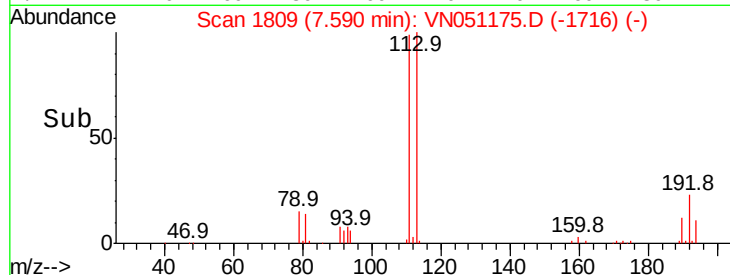
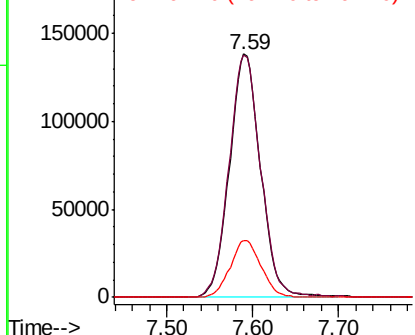
#35
 Dibromofluoromethane
 Concen: 51.914 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051175.D
 Acq: 14 Sep 2018 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBL01

Tot Ion:113 Resp: 347685
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.0 124.6
 192 23.3 18.7 28.1

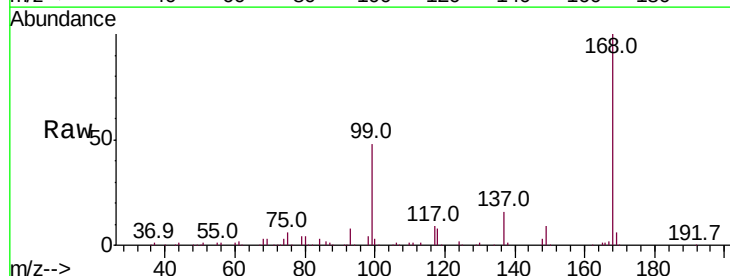


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

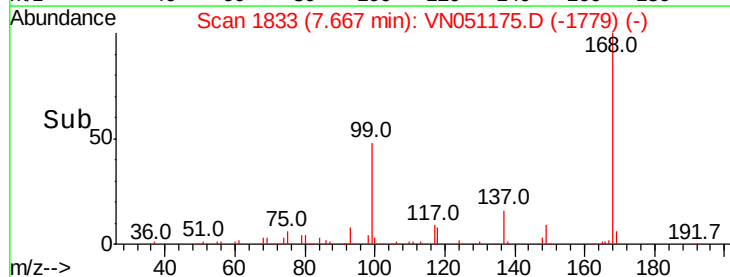
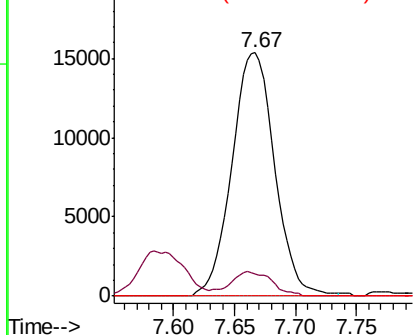


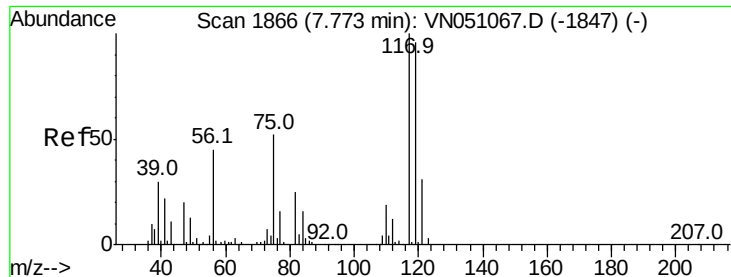
#36
 1,1-Dichloropropene
 Concen: 3.806 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051175.D
 Acq: 14 Sep 2018 8:55

Tgt Ion: 75 Resp: 37240
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.6 55.8#
 77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.178 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampled :

VN0914WBL01

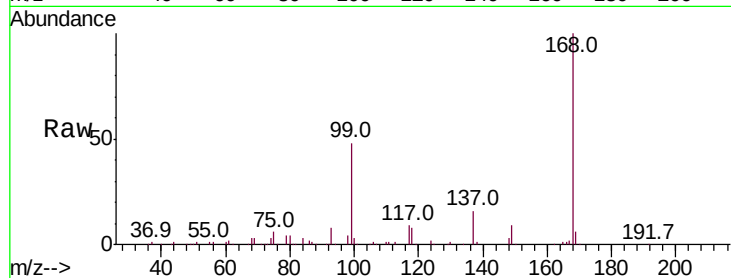
Tot Ion:117 Resp: 49872

Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

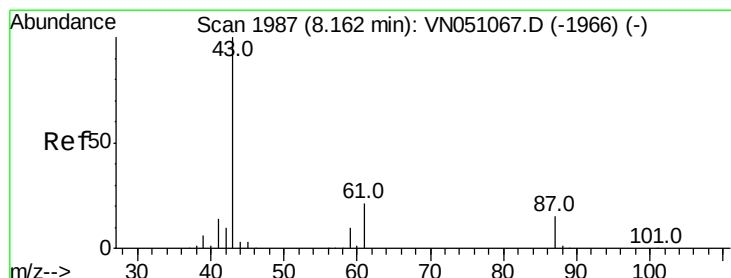
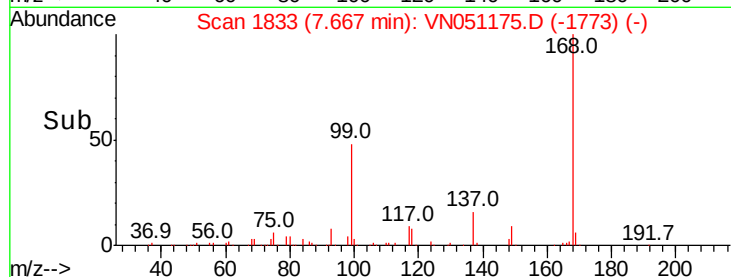
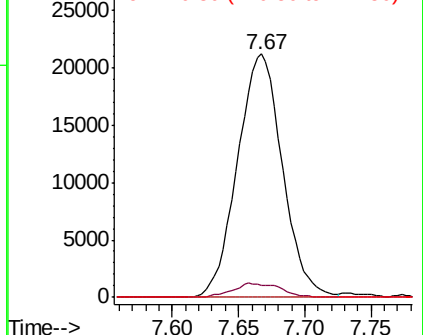
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.956 ug/l

RT: 8.27 min Scan# 2019

Delta R.T. 0.10 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

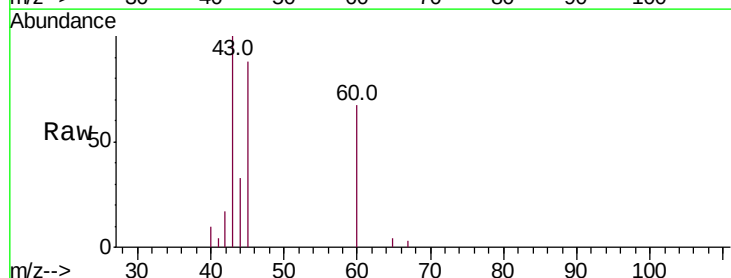
Tgt Ion: 43 Resp: 19560

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

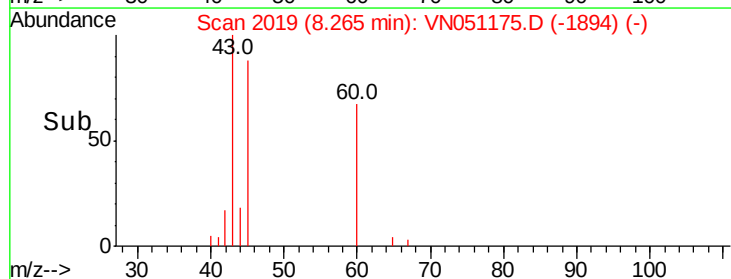
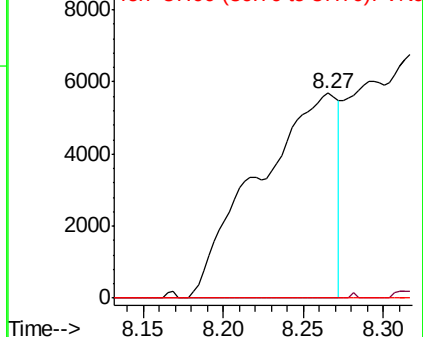
87 0.0 11.8 17.8#

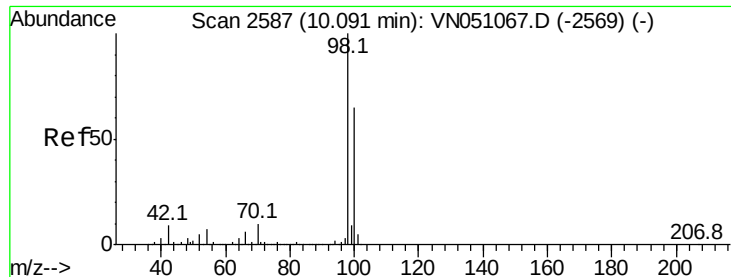


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.965 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampled :

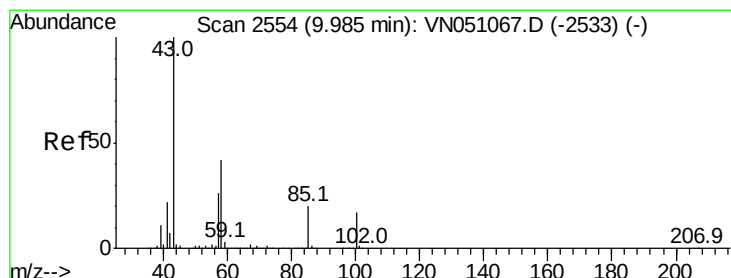
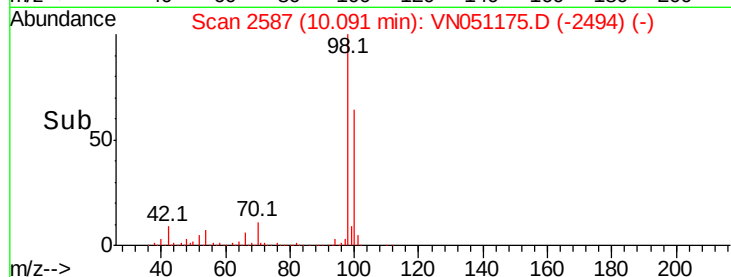
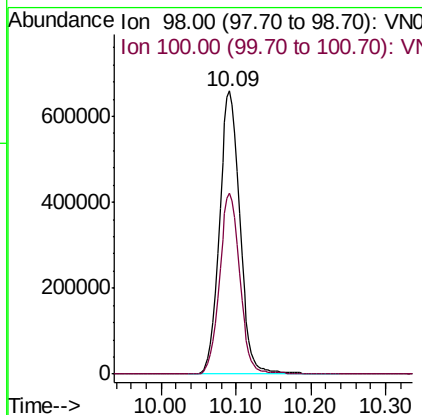
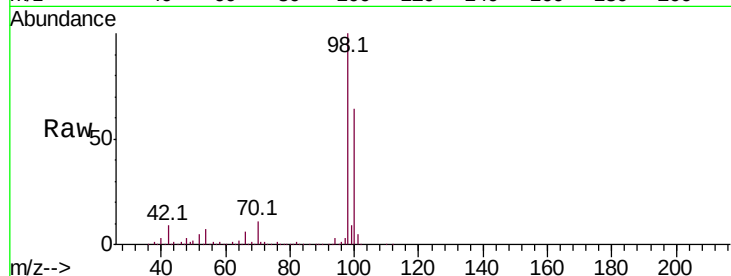
VN0914WBL01

Tot Ion: 98 Resp: 1244402

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.333 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051175.D

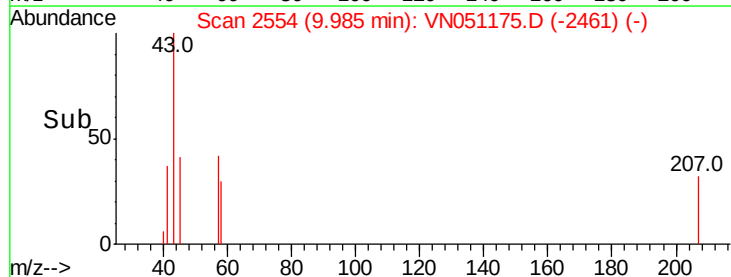
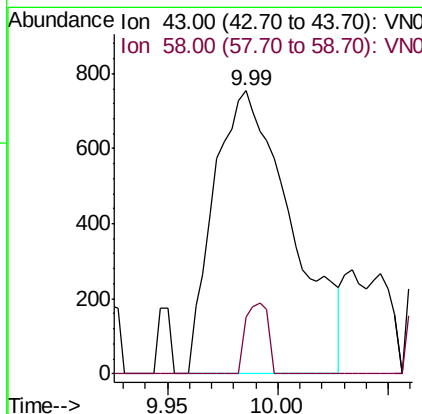
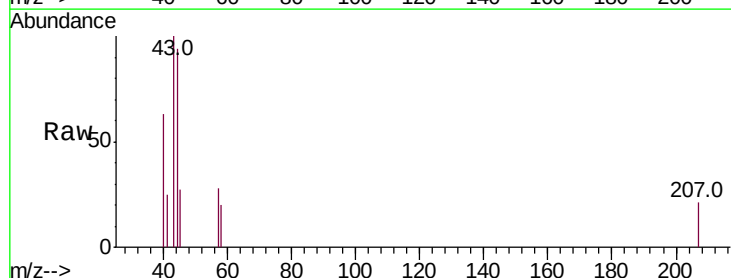
Acq: 14 Sep 2018 8:55

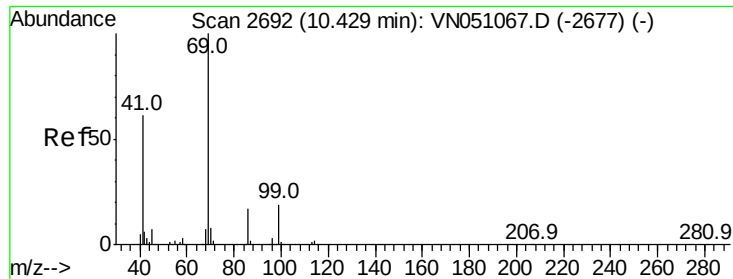
Tgt Ion: 43 Resp: 1840

Ion Ratio Lower Upper

43 100

58 0.0 33.5 50.3#





#56

Ethyl methacrylate

Concen: 2.469 ug/l

RT: 10.44 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampled :

VN0914WBL01

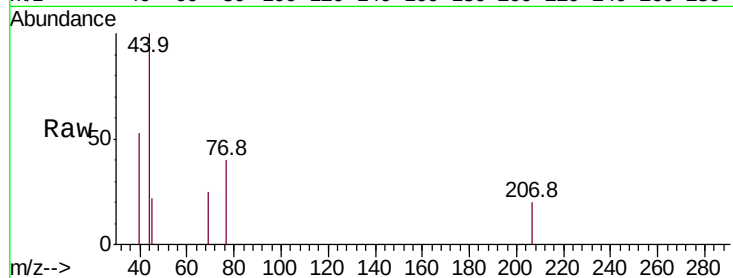
Tot Ion: 69 Resp: 133

Ion Ratio Lower Upper

69 100

41 99.2 47.8 71.8#

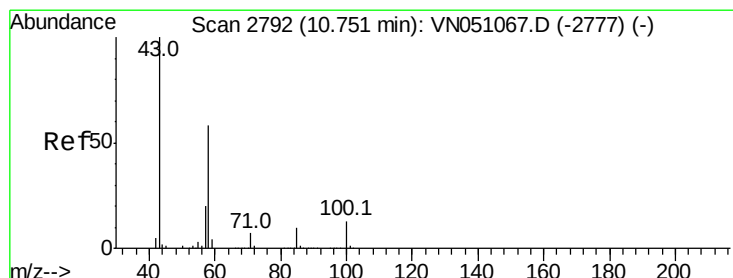
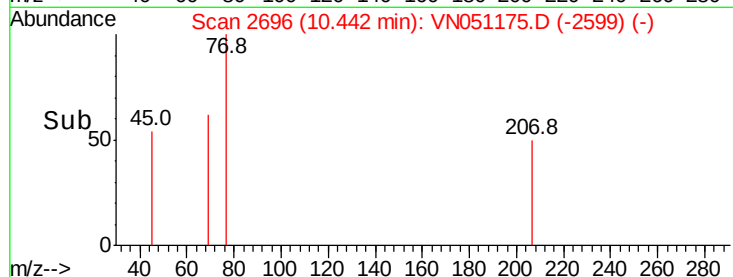
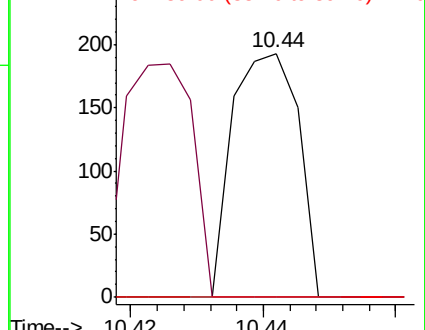
39 0.0 23.0 34.4#



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: 0.583 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VN051175.D

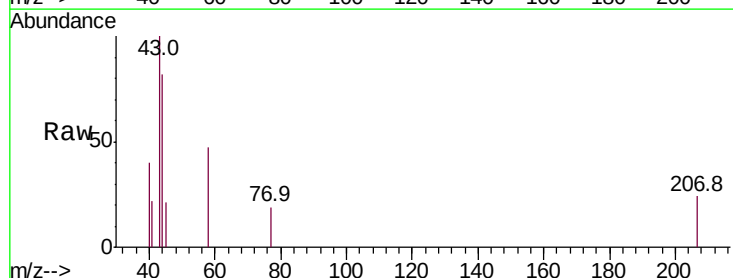
Acq: 14 Sep 2018 8:55

Tgt Ion: 43 Resp: 2188

Ion Ratio Lower Upper

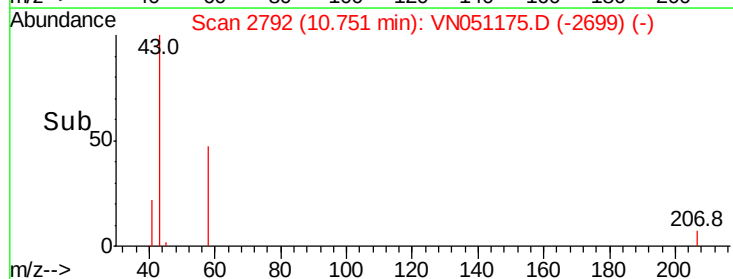
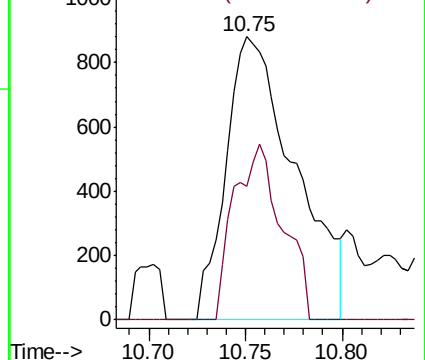
43 100

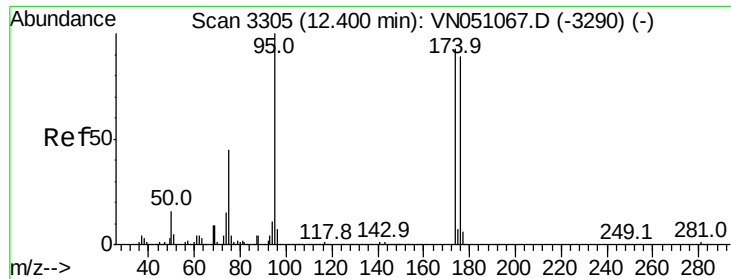
58 43.4 29.3 88.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.249 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBL01

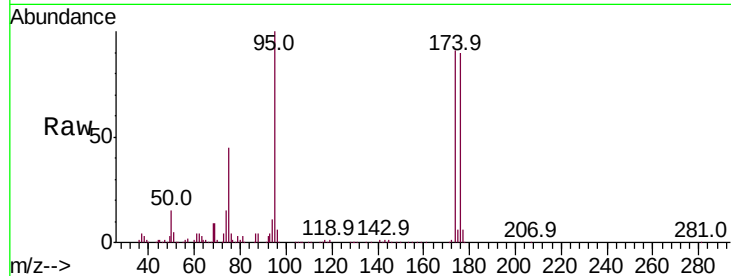
Tot Ion: 95 Resp: 321549

Ion Ratio Lower Upper

95 100

174 92.3 0.0 184.8

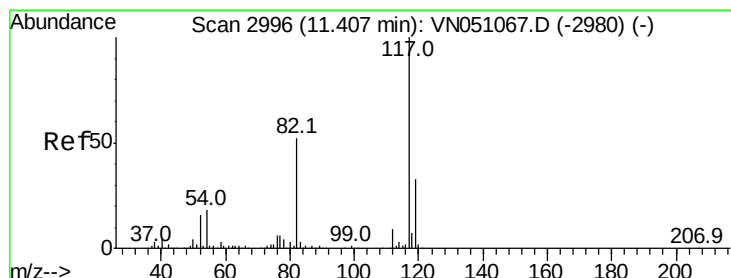
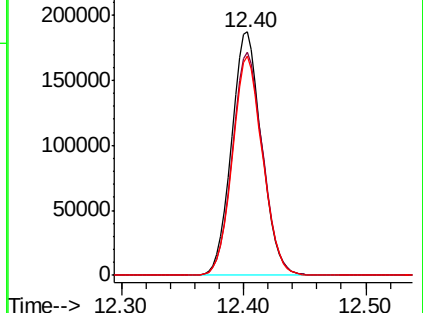
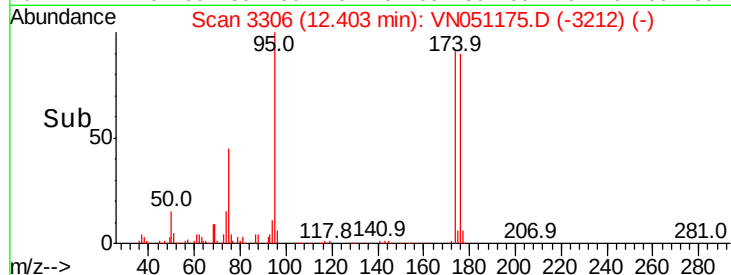
176 89.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051175.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051175.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051175.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

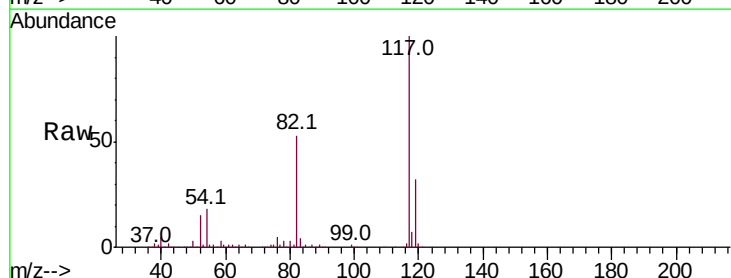
Tgt Ion: 117 Resp: 771406

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.6

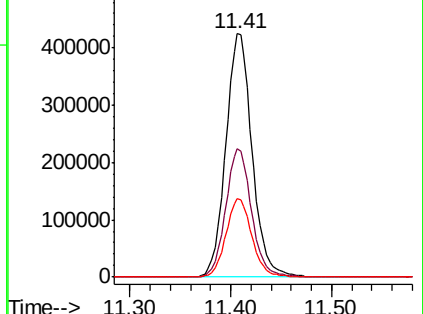
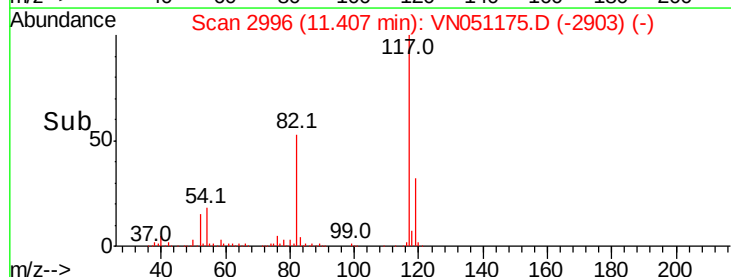
119 32.1 26.2 39.2

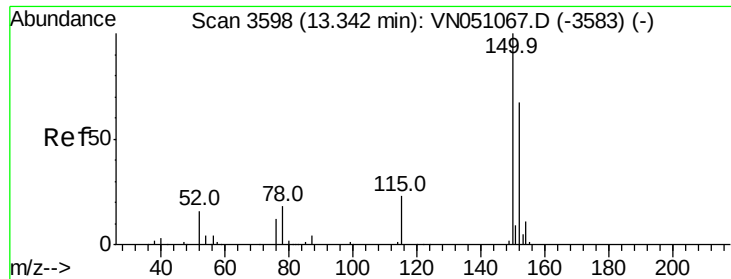


Abundance Ion 116.90 (116.60 to 117.60): VN051175.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051175.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051175.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampled :

VN0914WBL01

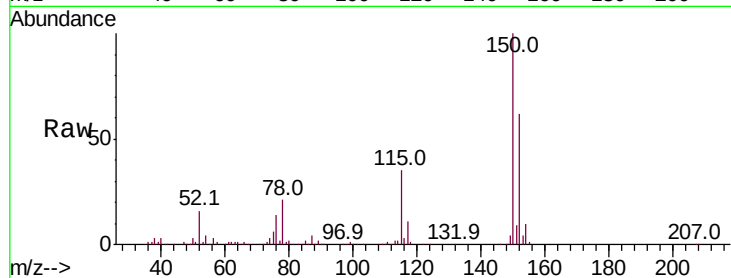
Tot Ion:152 Resp: 223340

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

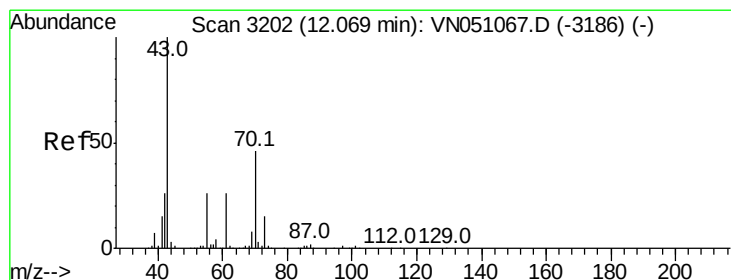
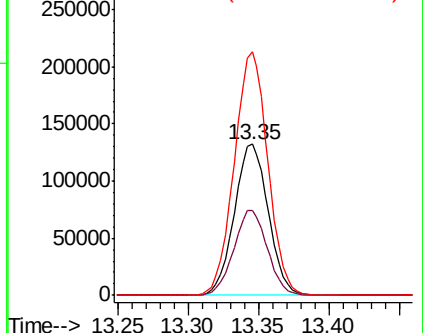
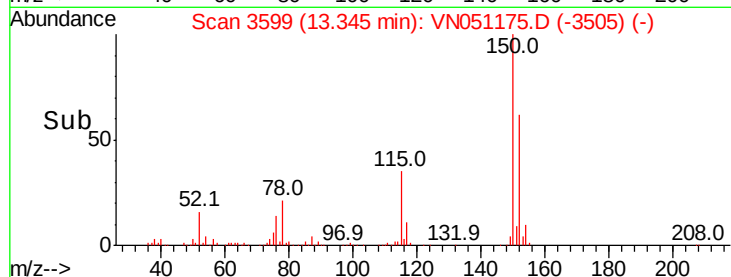
150 159.5 0.0 349.0



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



#74

N-amil acetate

Concen: 0.276 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Tgt Ion: 43 Resp: 1303

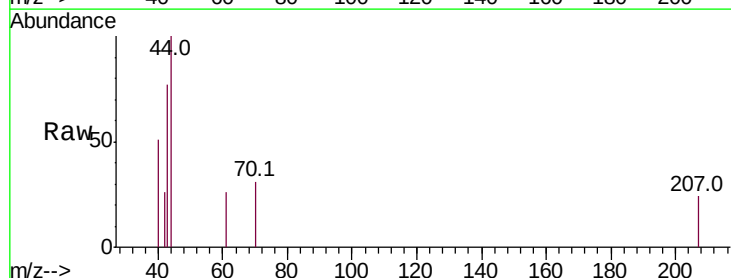
Ion Ratio Lower Upper

43 100

70 17.3 37.0 55.4#

55 5.4 21.3 31.9#

61 10.9 20.7 31.1#

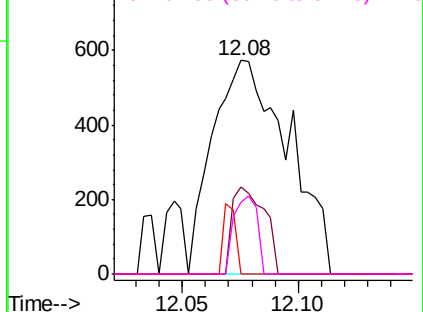
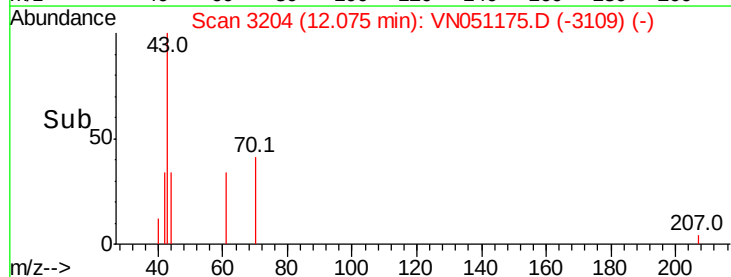


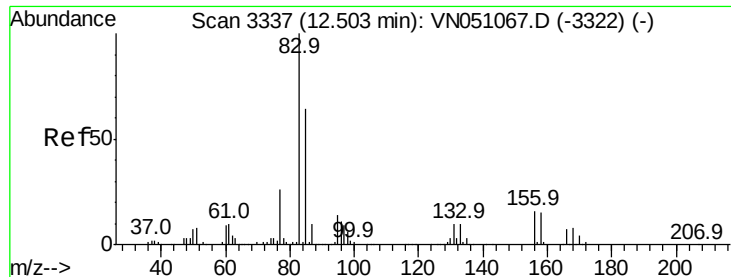
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampled :

VN0914WBL01

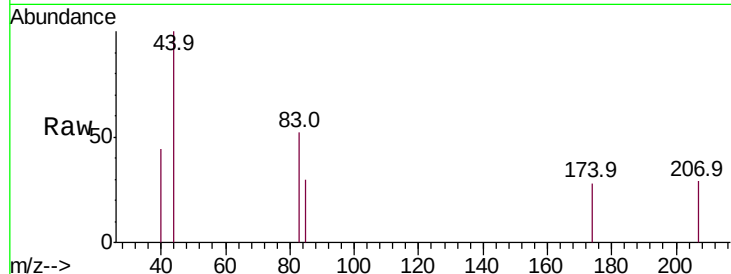
Tot Ion: 83 Resp: 383

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

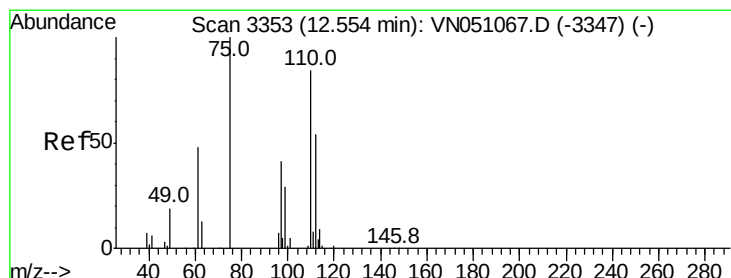
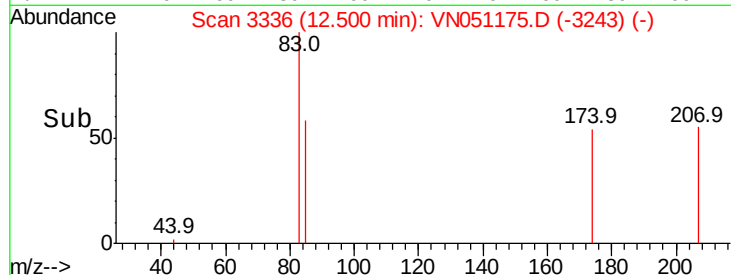
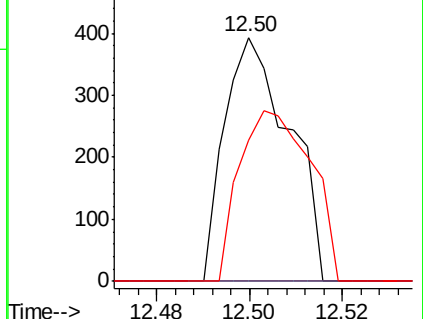
85 76.8 32.3 96.8



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: 41.944 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051175.D

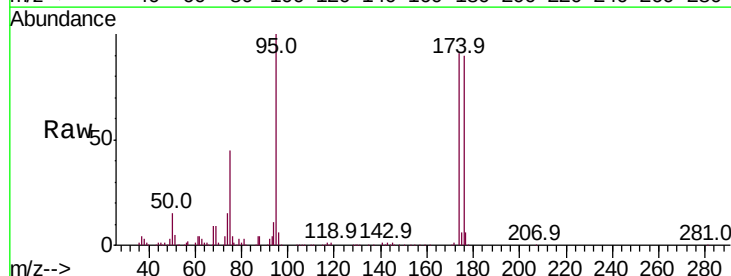
Acq: 14 Sep 2018 8:55

Tgt Ion: 75 Resp: 146063

Ion Ratio Lower Upper

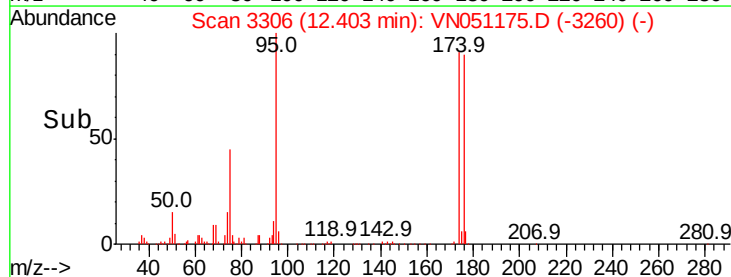
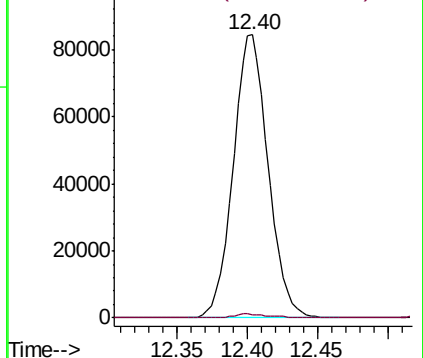
75 100

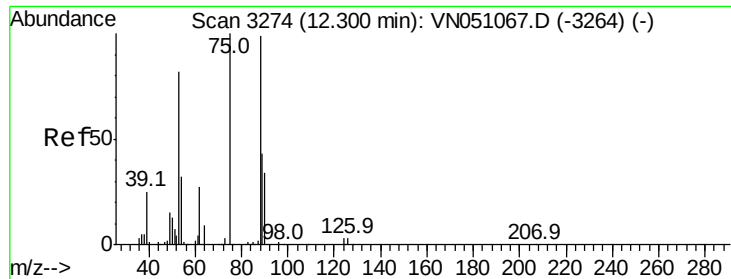
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#81

trans-1,4-Dichloro-2-butene

Concen: 124.205 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampled :

VN0914WBL01

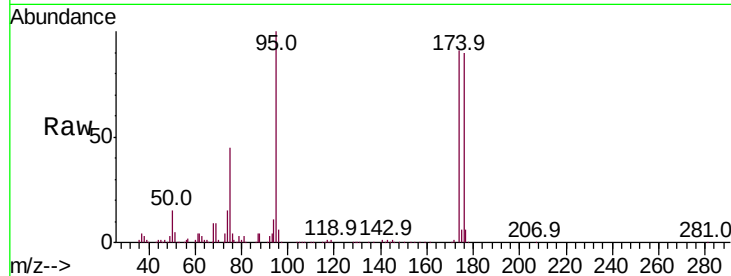
Tot Ion: 75 Resp: 146063

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

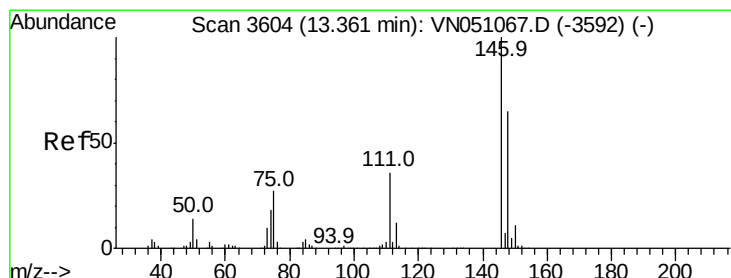
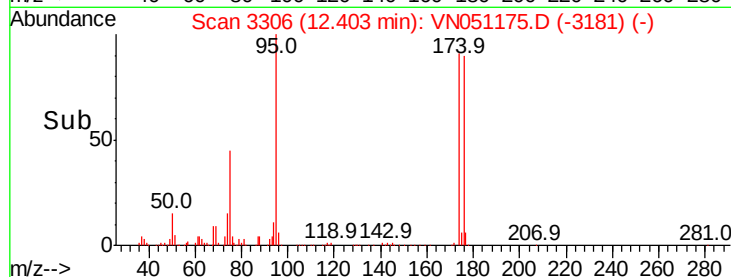
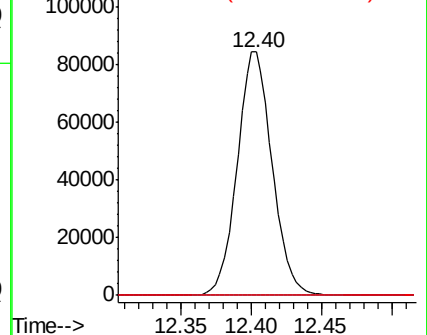
89 0.0 36.0 54.0#



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



#88

1,4-Dichlorobenzene

Concen: 0.221 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.08 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

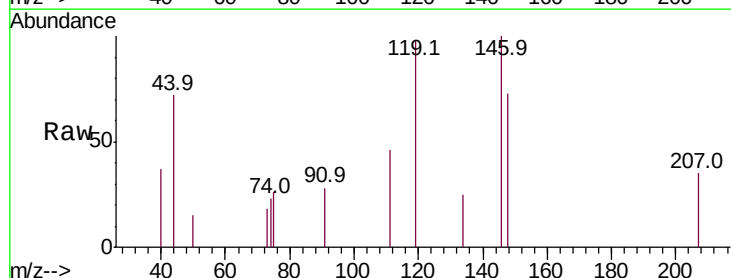
Tgt Ion: 146 Resp: 1636

Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.0

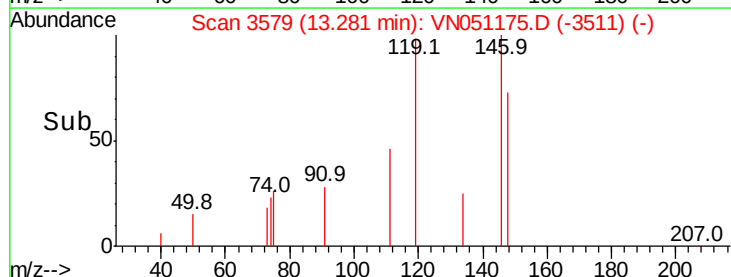
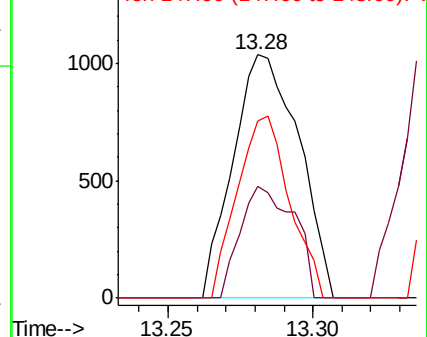
148 59.4 32.2 96.6

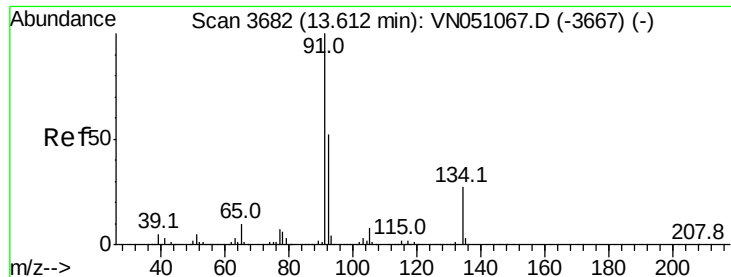


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.235 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampled :

VN0914WBL01

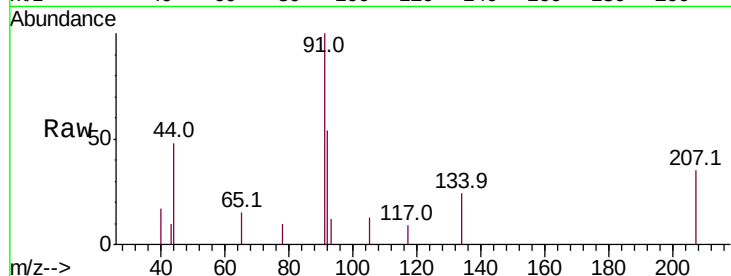
Tot Ion: 91 Resp: 2659

Ion Ratio Lower Upper

91 100

92 54.1 26.2 78.6

134 22.9 13.7 41.1

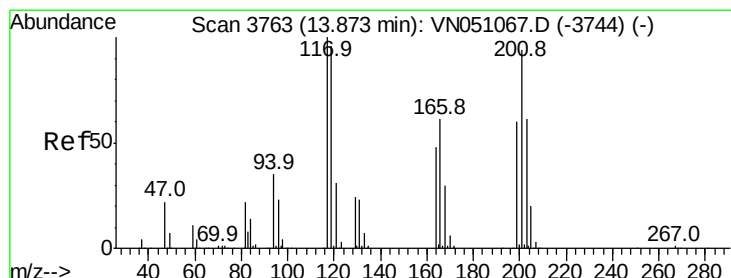
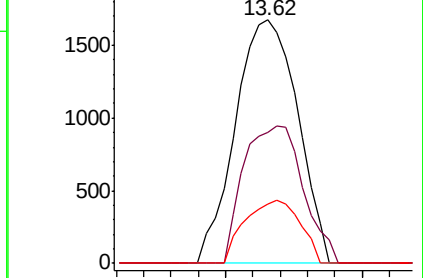
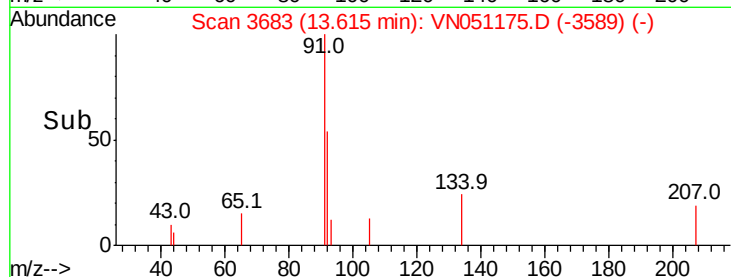


Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051067.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051067.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051175.D

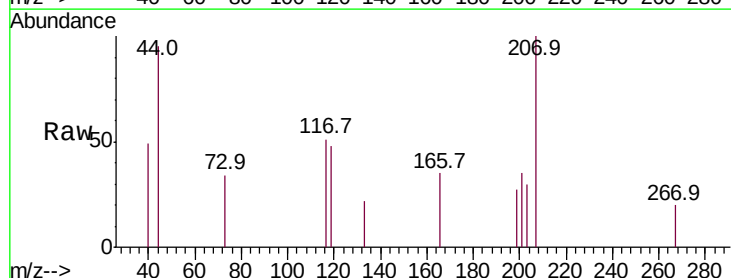
Acq: 14 Sep 2018 8:55

Tgt Ion: 117 Resp: 523

Ion Ratio Lower Upper

117 100

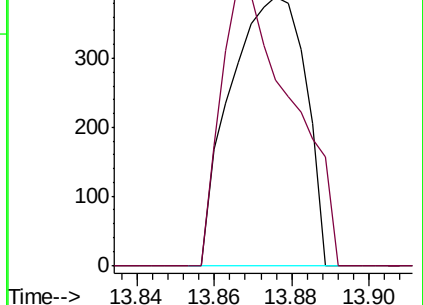
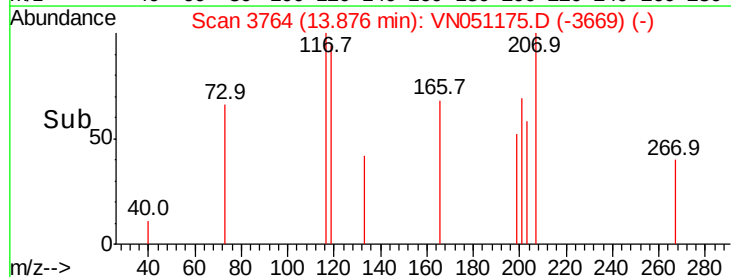
201 98.9 47.3 142.0

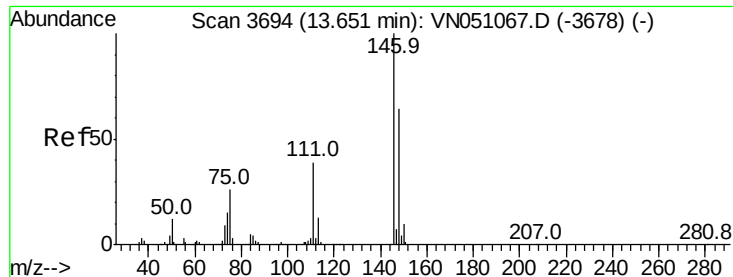


Abundance Ion 116.80 (116.50 to 117.50): VN051067.D (-3744) (-)

Ion 200.70 (200.40 to 201.40): VN051067.D (-3744) (-)

Time-->

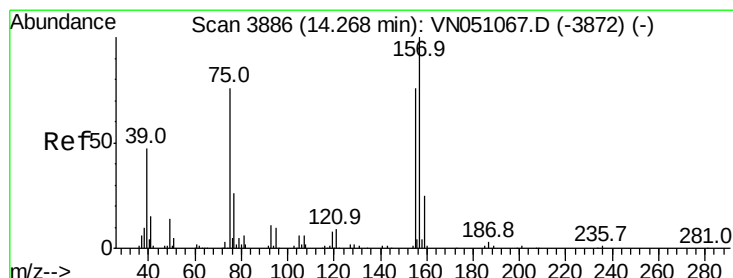
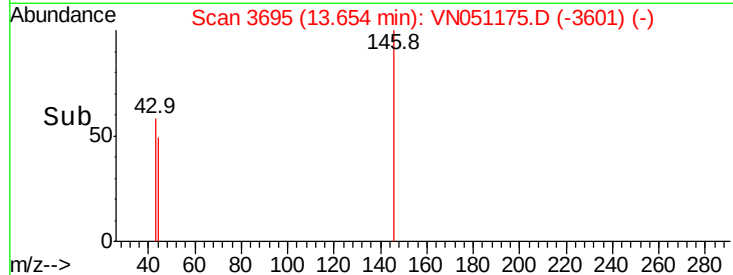
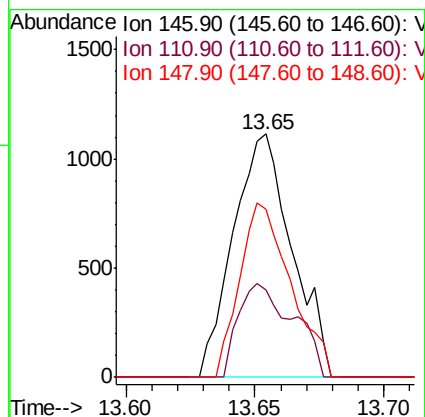
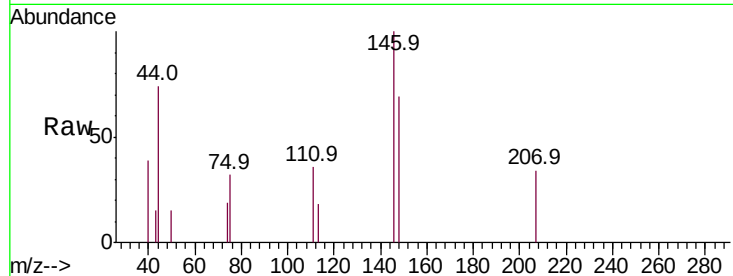




#91
 1,2-Dichlorobenzene
 Concen: 0.213 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051175.D
 Acq: 14 Sep 2018 8:55

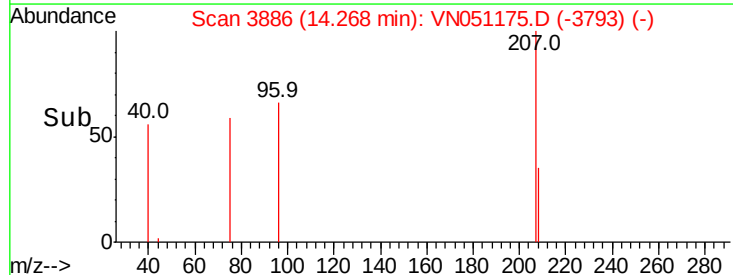
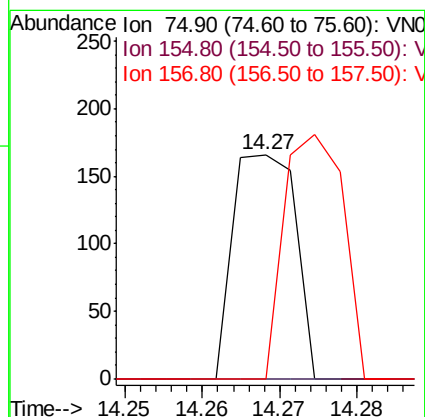
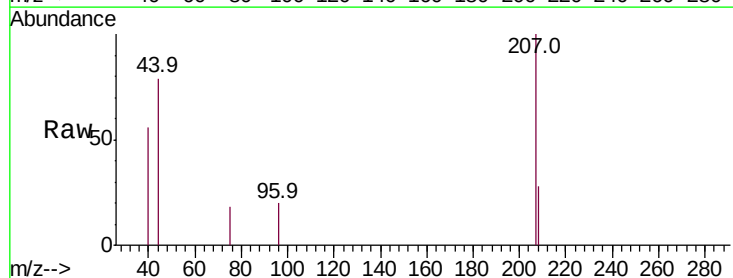
Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBL01

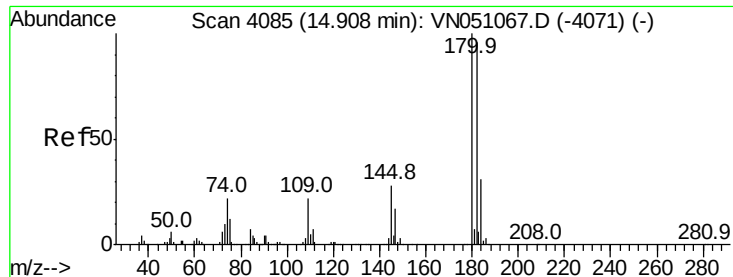
Tot Ion:146 Resp: 1772
 Ion Ratio Lower Upper
 146 100
 111 36.0 19.7 59.0
 148 62.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.800 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN051175.D
 Acq: 14 Sep 2018 8:55

Tgt Ion: 75 Resp: 93
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 103.2 63.6 190.9

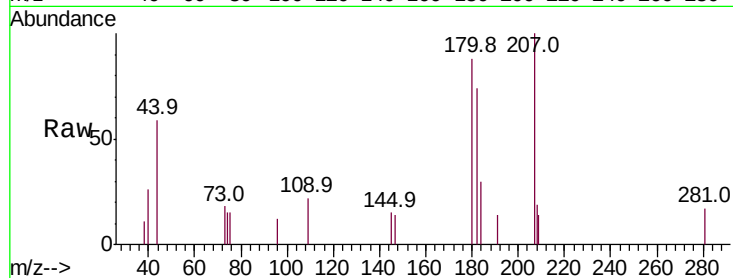




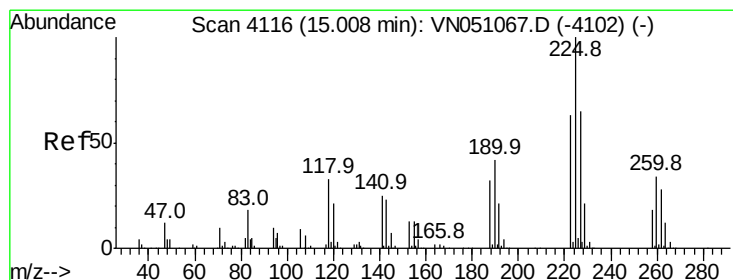
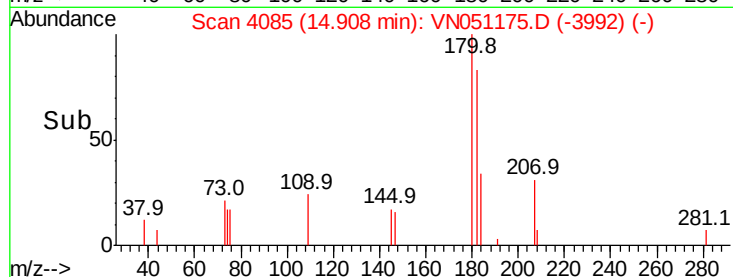
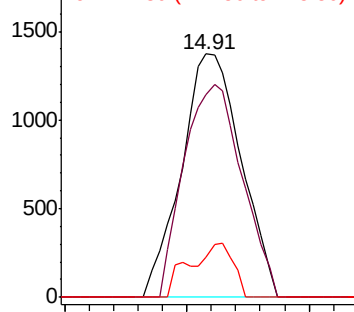
#93
 1,2,4-Trichlorobenzene
 Concen: 4.515 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051175.D
 Acq: 14 Sep 2018 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	85.5	47.3	141.8
145	10.0	14.2	42.6#

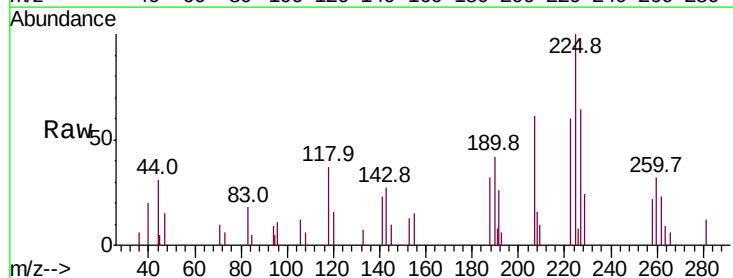


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

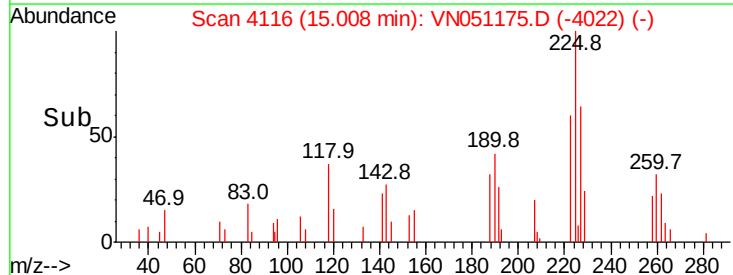
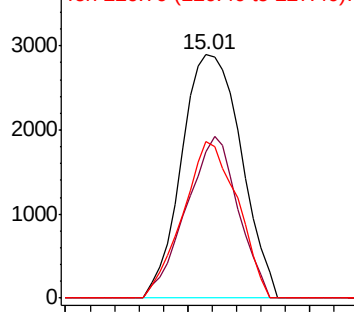


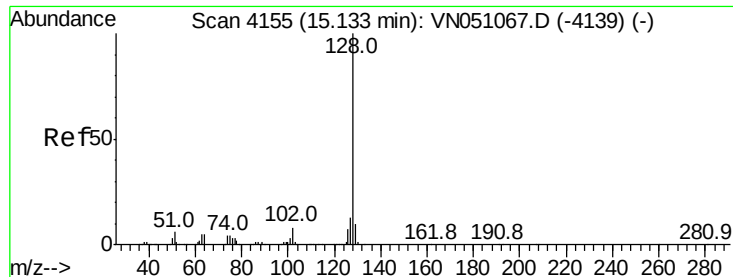
#94
 Hexachlorobutadiene
 Concen: 0.283 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN051175.D
 Acq: 14 Sep 2018 8:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.6	31.4	94.0
227	58.7	32.1	96.3



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: 5.768 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

Instrument :

MSVOA_N

ClientSampled :

VN0914WBL01

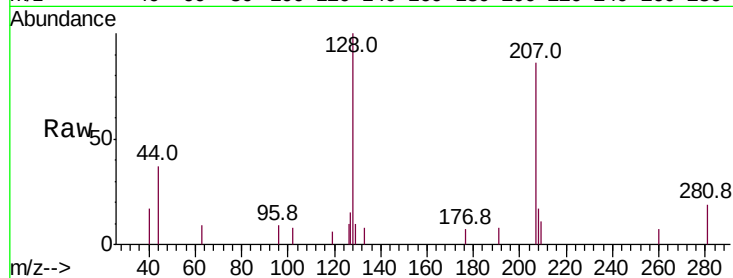
Tot Ion:128 Resp: 4013

Ion Ratio Lower Upper

128 100

127 11.0 10.6 15.8

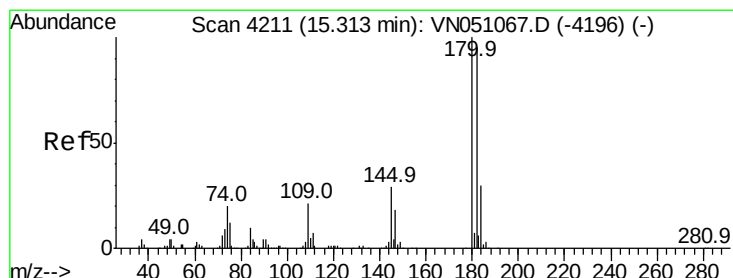
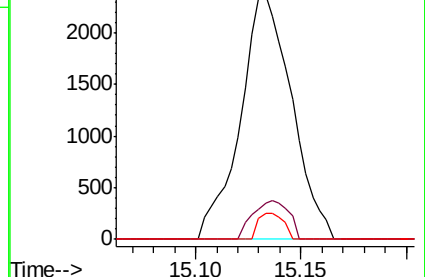
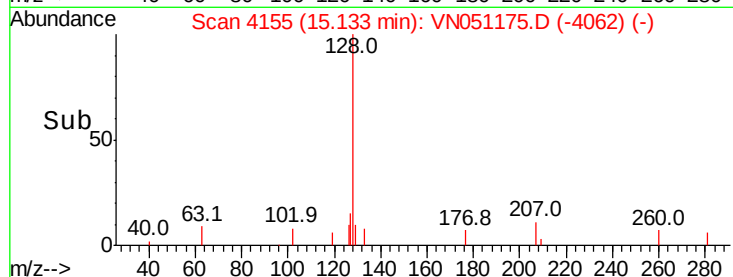
129 5.2 8.6 12.8#



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: 3.638 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051175.D

Acq: 14 Sep 2018 8:55

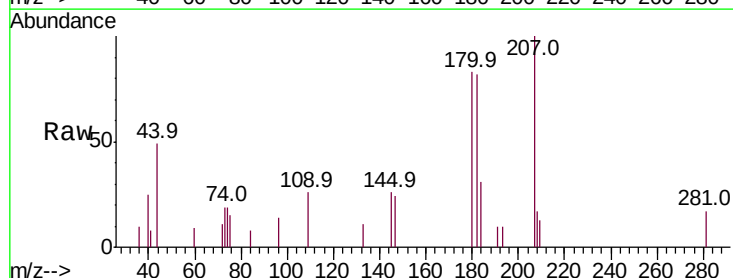
Tgt Ion:180 Resp: 2814

Ion Ratio Lower Upper

180 100

182 102.2 47.8 143.3

145 30.1 14.6 43.8



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

