

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049271.D
 Acq On : 15 Jun 2018 20:34
 Operator : MD\SY
 Sample : PB110255ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

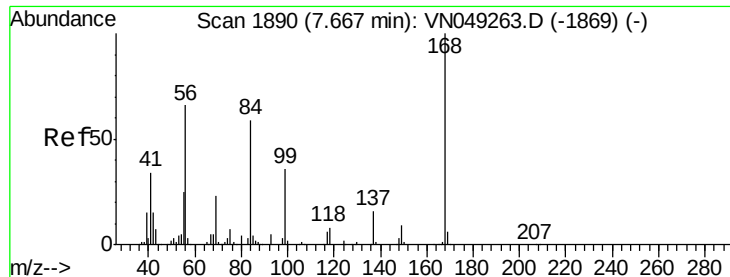
Quant Time: Jun 16 01:24:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1401323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2209030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1808349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	474640	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	912639	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
35) Dibromofluoromethane	7.59	113	801133	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	
50) Toluene-d8	10.09	98	3071808	45.14	ug/l	0.00
Spiked Amount			Recovery	=	90.28%	
62) 4-Bromofluorobenzene	12.41	95	737704	32.79	ug/l	0.00
Spiked Amount			Recovery	=	65.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	5291	0.25	ug/l	94
5) Bromomethane	2.57	94	7647	0.66	ug/l	99
13) Acrolein	3.61	56	1032	0.90	ug/l	86
16) Acetone	3.82	43	52719	11.68	ug/l	92
17) Carbon Disulfide	4.05	76	15763	0.31	ug/l #	94
18) Methyl Acetate	4.33	43	79668	5.79	ug/l	94
20) Methylene Chloride	4.55	84	29385	1.56	ug/l #	85
25) 2-Butanone	6.85	43	11656	1.92	ug/l #	88
29) Tetrahydrofuran	7.23	42	2587	0.66	ug/l #	54
31) Cyclohexane	7.66	56	24848	0.73	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	100662	3.98	ug/l #	50
38) Carbon Tetrachloride	7.67	117	127817	4.88	ug/l #	16
43) Isopropyl Acetate	8.21	43	653366	24.85	ug/l #	64
49) 1,4-Dioxane	9.21	88	65	0.38	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	8886	0.64	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.69	63	195	14.35	ug/l #	51
59) 2-Hexanone	10.76	43	3214	0.36	ug/l	97
65) Chlorobenzene	11.44	112	28001	0.60	ug/l	92
71) Bromoform	12.40	173	2802	0.25	ug/l #	1
74) N-amyl acetate	12.05	43	2260	0.22	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.50	83	791	Below	Cal #	68
76) 1,2,3-Trichloropropane	12.40	75	353755	43.68	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	353755	138.06	ug/l #	9
90) Hexachloroethane	13.88	117	179	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	776	0.53	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	3210	5.10	ug/l	97
94) Hexachlorobutadiene	15.01	225	4146	Below	Cal	94
95) Naphthalene	15.14	128	7180	2.62	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	2724	3.78	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

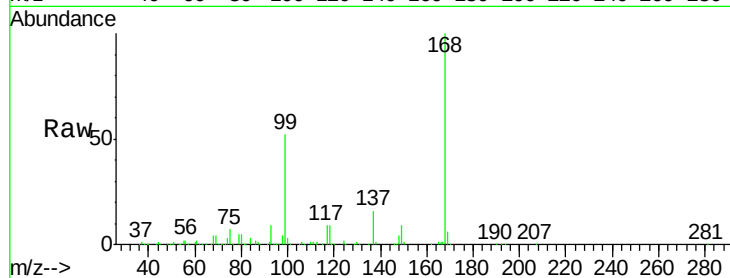
ClientSampleId :

Tot Ion:168 Resp: 1401323

Ion Ratio Lower Upper

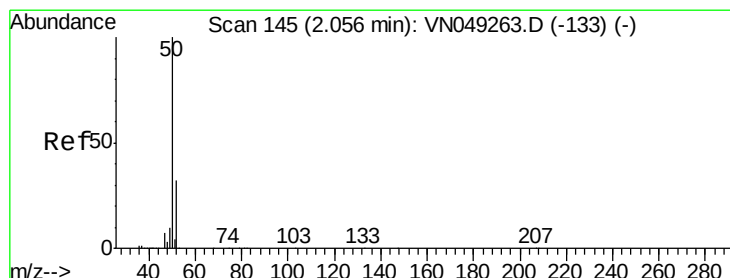
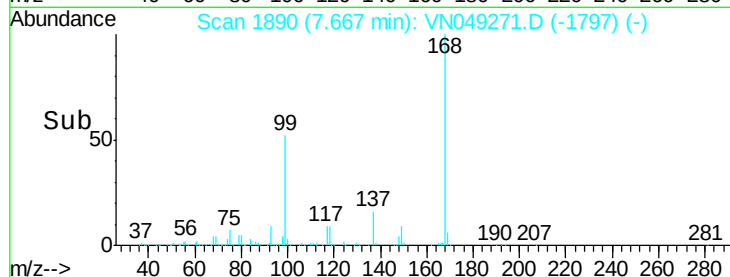
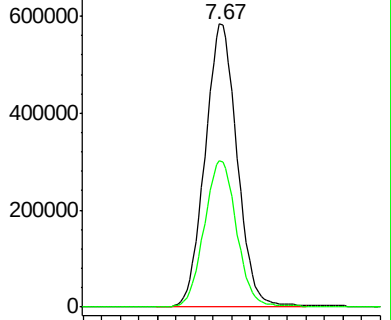
168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049271.D

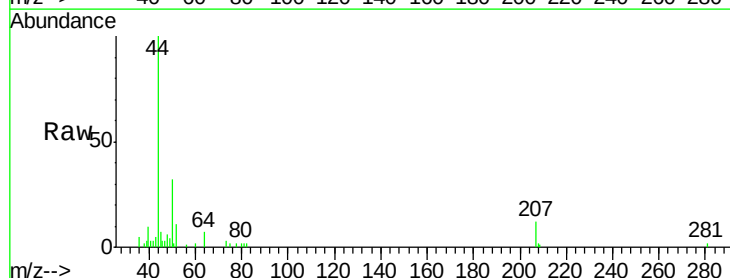
Acq: 15 Jun 2018 20:34

Tgt Ion: 50 Resp: 5291

Ion Ratio Lower Upper

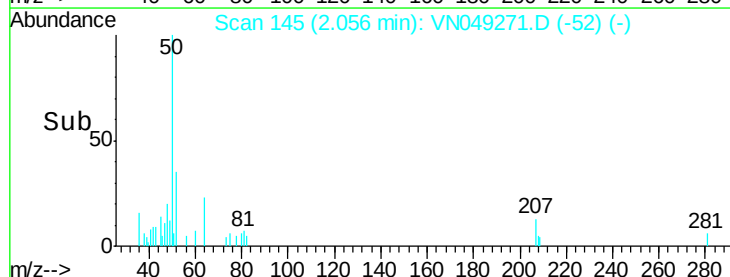
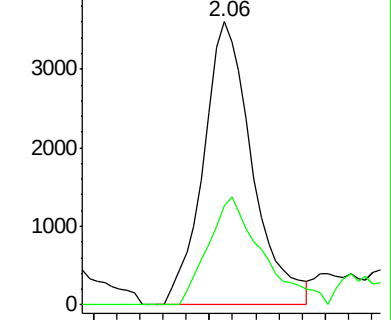
50 100

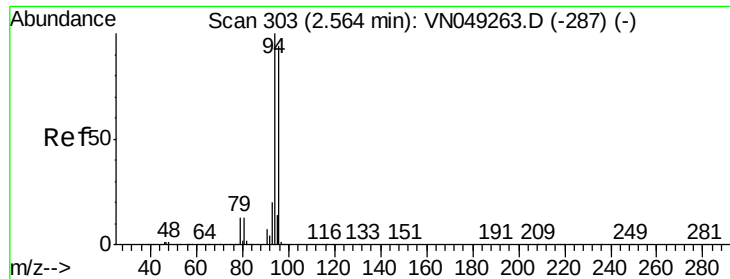
52 35.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: 0.66 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

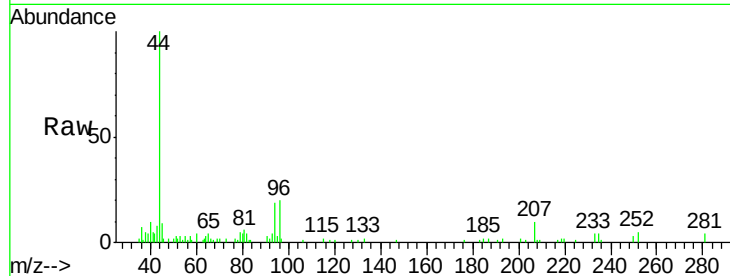
ClientSampled :

Tot Ion: 94 Resp: 7647

Ion Ratio Lower Upper

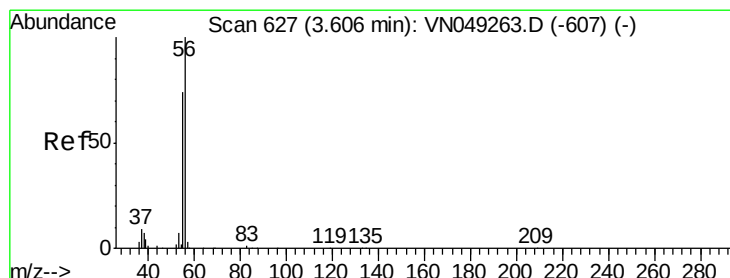
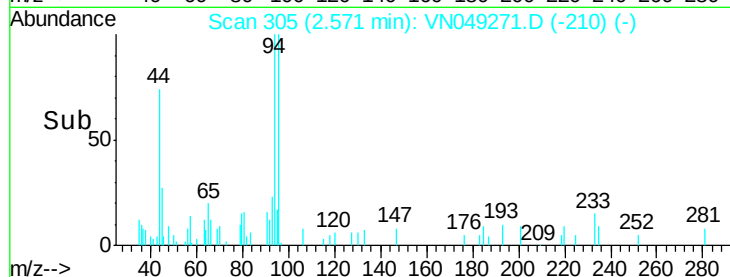
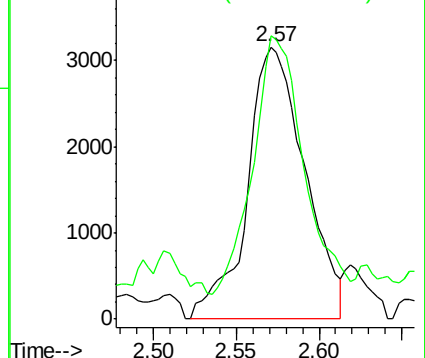
94 100

96 92.1 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#13

Acrolein

Concen: 0.90 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049271.D

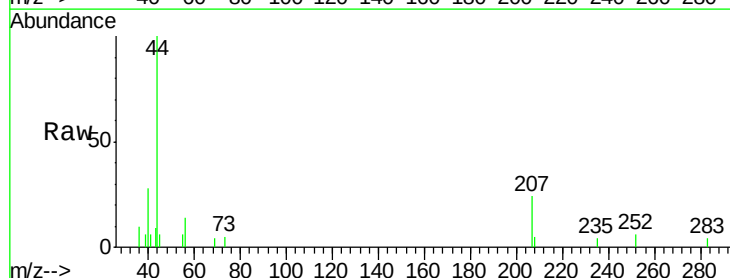
Acq: 15 Jun 2018 20:34

Tgt Ion: 56 Resp: 1032

Ion Ratio Lower Upper

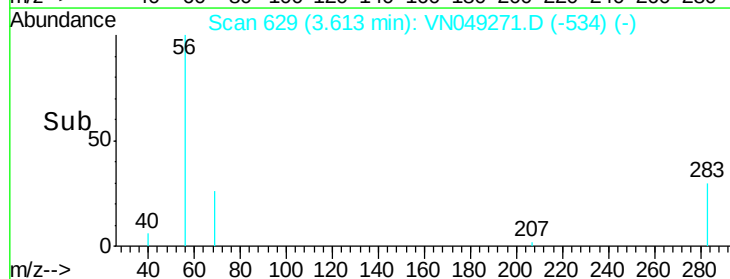
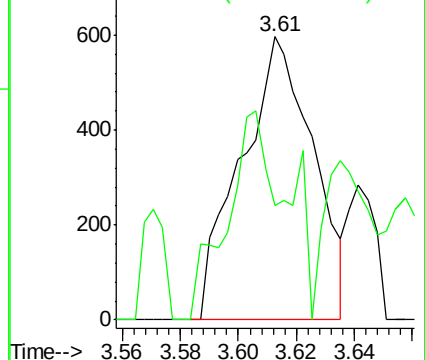
56 100

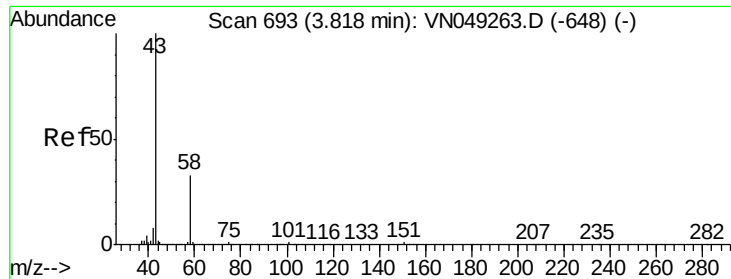
55 60.1 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 11.68 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

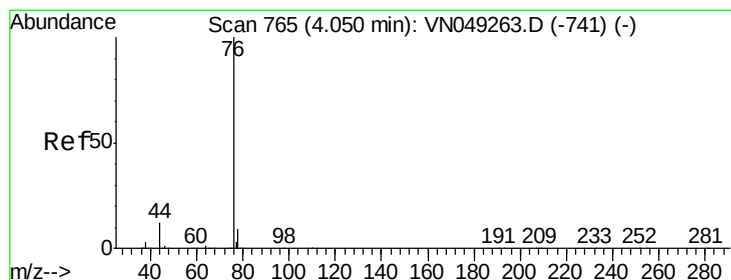
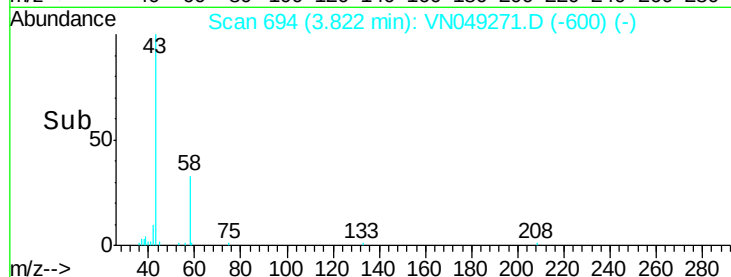
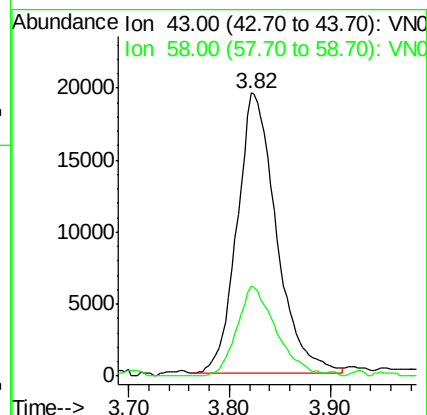
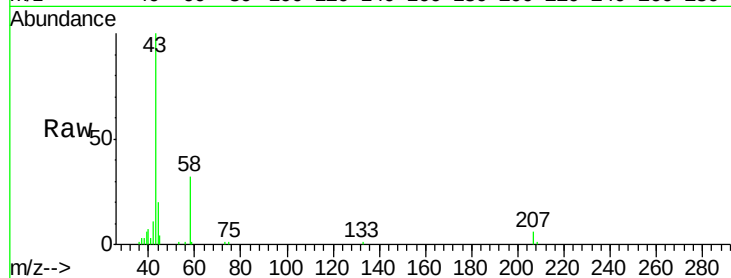
ClientSampled :

Tot Ion: 43 Resp: 52719

Ion Ratio Lower Upper

43 100

58 32.2 22.4 33.6



#17

Carbon Disulfide

Concen: 0.31 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049271.D

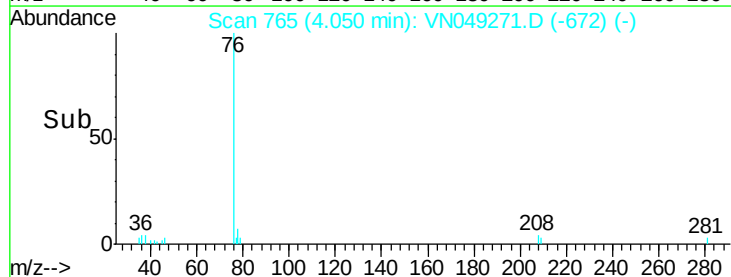
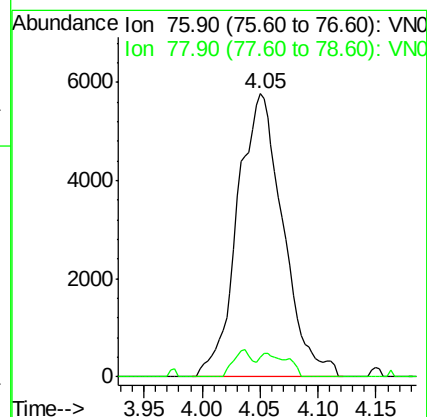
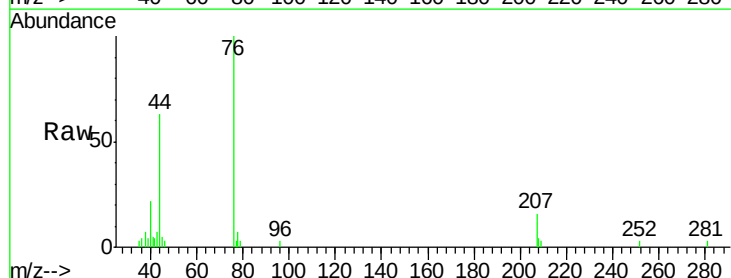
Acq: 15 Jun 2018 20:34

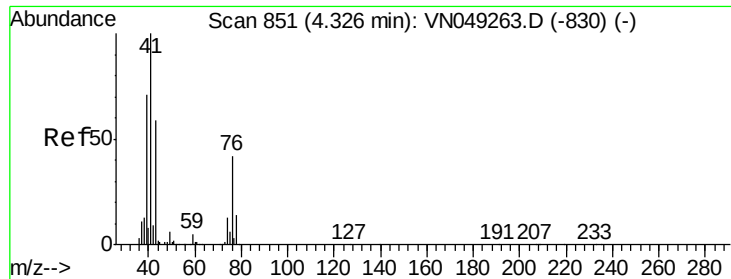
Tgt Ion: 76 Resp: 15763

Ion Ratio Lower Upper

76 100

78 6.9 7.4 11.0#

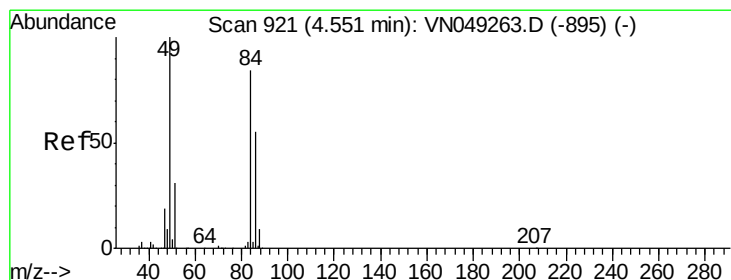
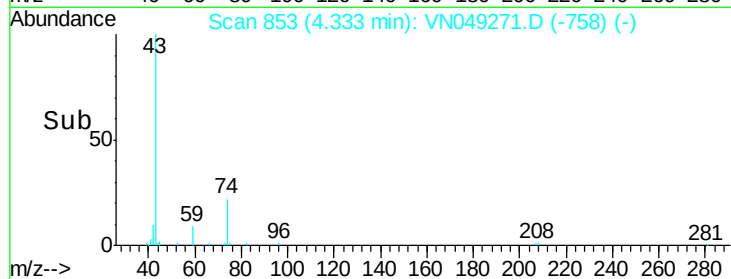
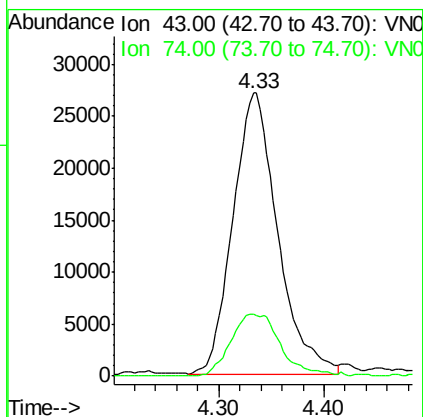
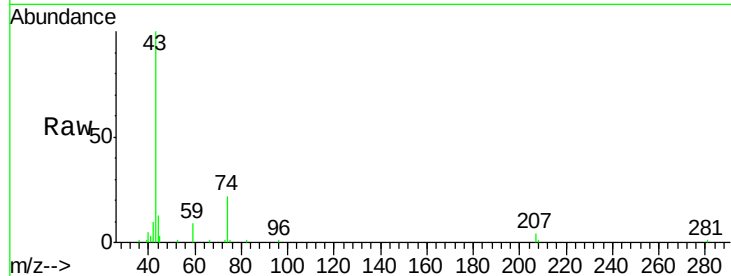




#18
Methvl Acetate
Concen: 5.79 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049271.D
Acq: 15 Jun 2018 20:34

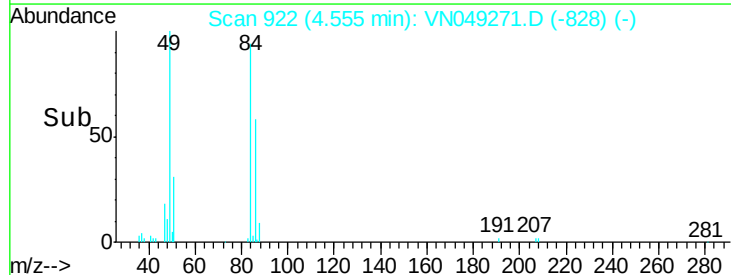
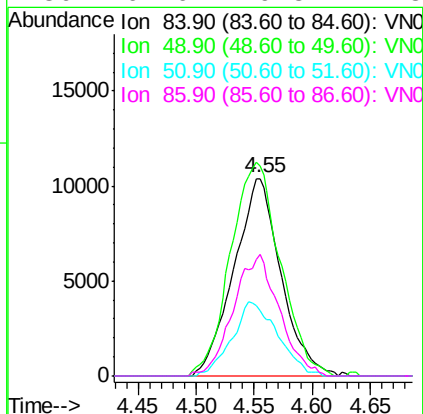
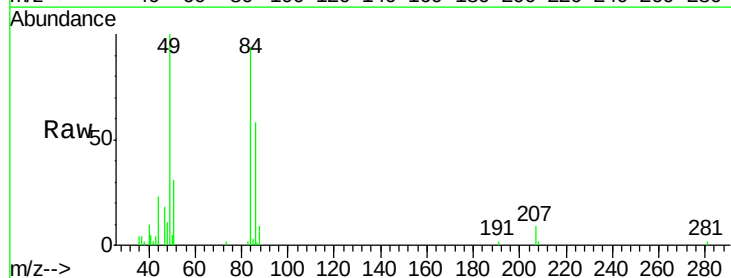
Instrument :
MSVOA_N
ClientSampleId :

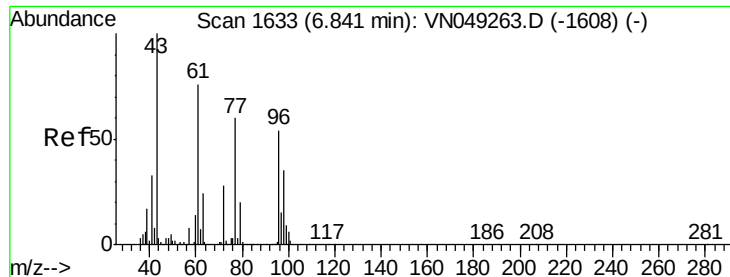
Tot Ion: 43 Resp: 79668
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0



#20
Methylene Chloride
Concen: 1.56 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049271.D
Acq: 15 Jun 2018 20:34

Tgt Ion: 84 Resp: 29385
Ion Ratio Lower Upper
84 100
49 106.6 106.9 160.3#
51 33.2 32.7 49.1
86 61.6 49.8 74.8





#25

2-Butanone

Concen: 1.92 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

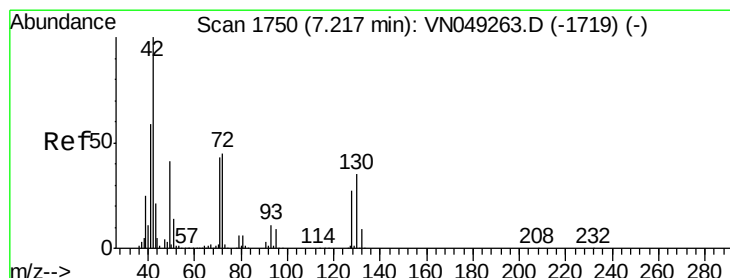
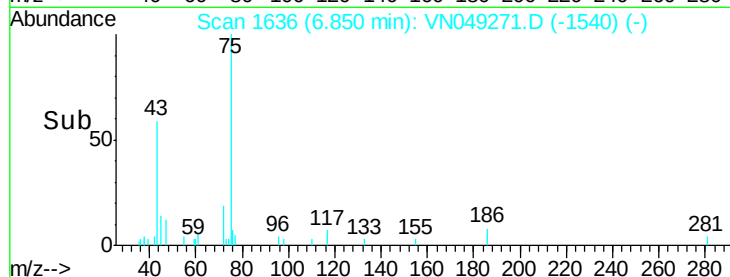
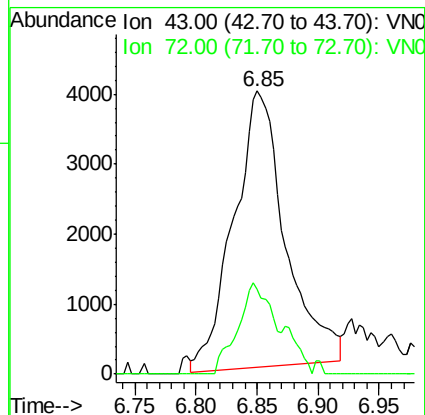
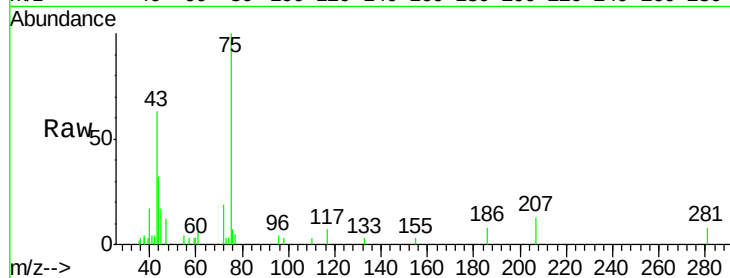
ClientSampleId :

Tot Ion: 43 Resp: 11656

Ion Ratio Lower Upper

43 100

72 31.5 20.2 30.2#



#29

Tetrahydrofuran

Concen: 0.66 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

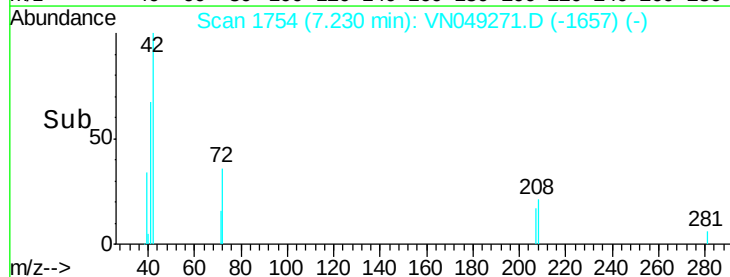
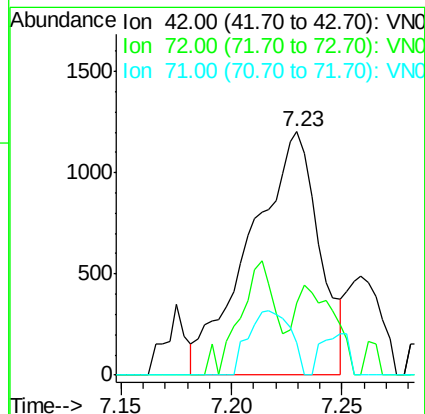
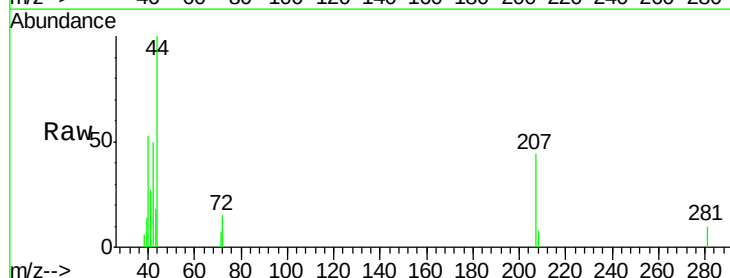
Tgt Ion: 42 Resp: 2587

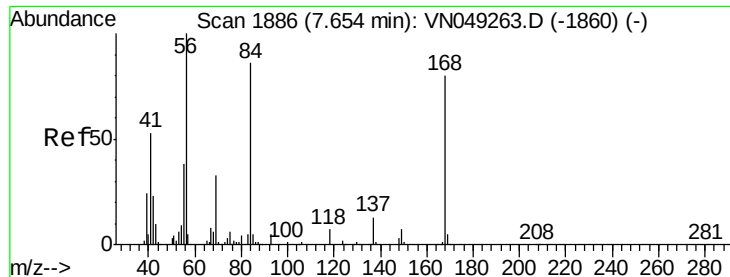
Ion Ratio Lower Upper

42 100

72 21.7 32.2 48.4#

71 0.0 30.5 45.7#

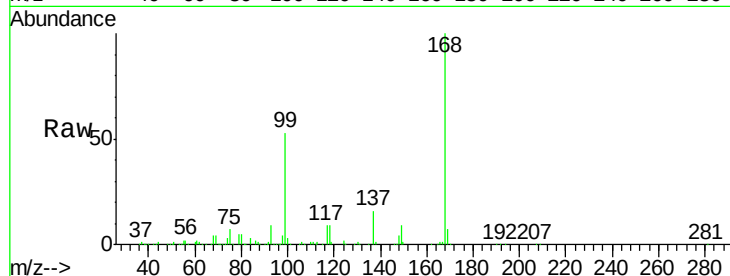




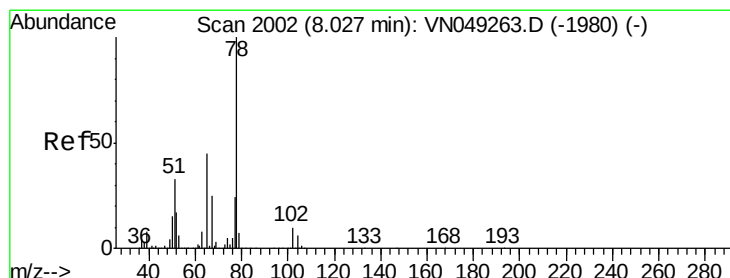
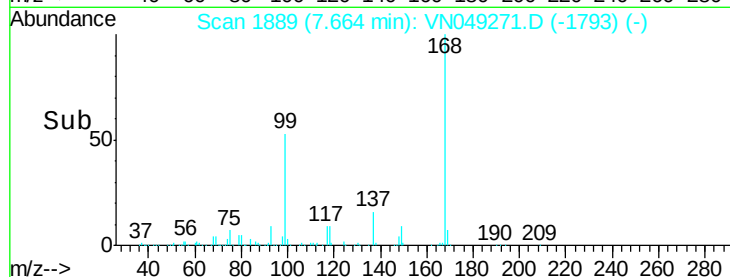
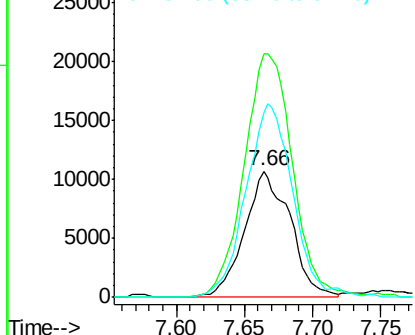
#31
Cyclohexane
Concen: 0.73 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049271.D
Acq: 15 Jun 2018 20:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 24848
Ion Ratio Lower Upper
56 100
69 192.5 25.0 37.4#
84 146.5 64.6 96.8#

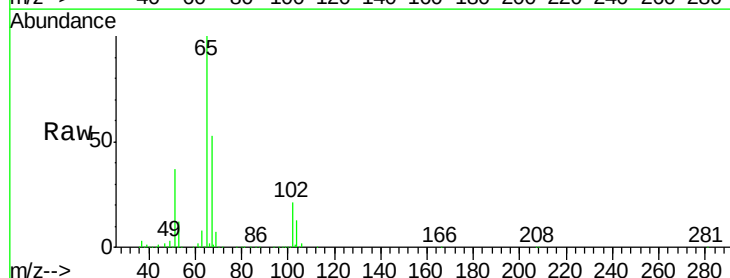


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

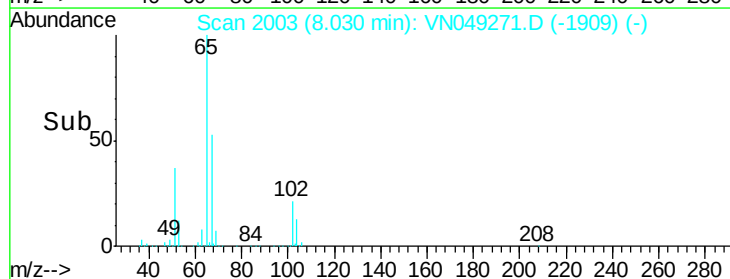
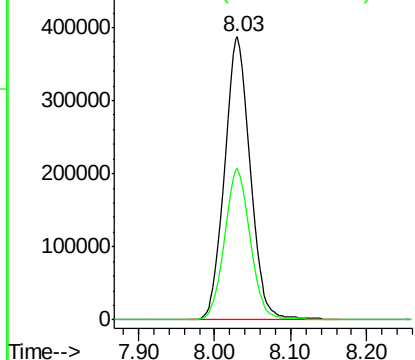


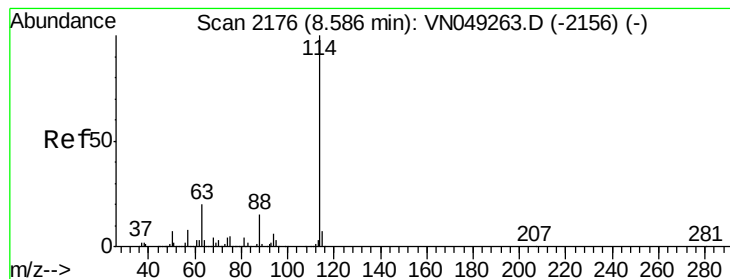
#33
1,2-Dichloroethane-d4
Concen: 49.10 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049271.D
Acq: 15 Jun 2018 20:34

Tgt Ion: 65 Resp: 912639
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.8



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

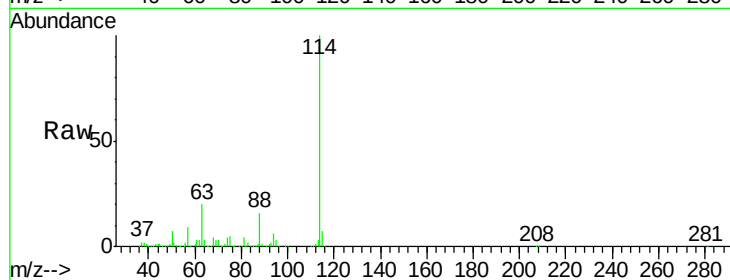
Tot Ion:114 Resp: 2209030

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

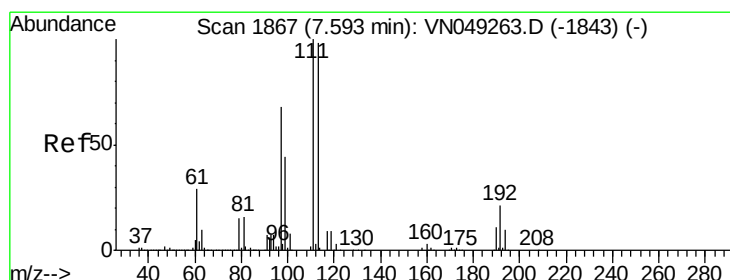
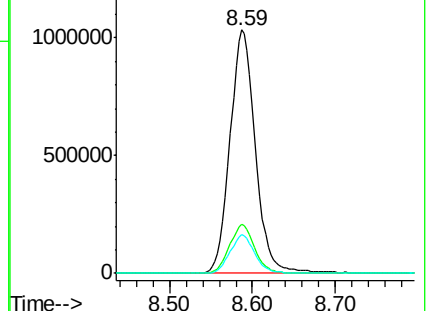
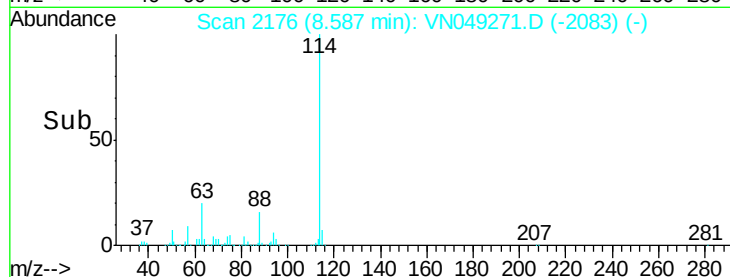
88 15.8 0.0 31.4



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: 44.83 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

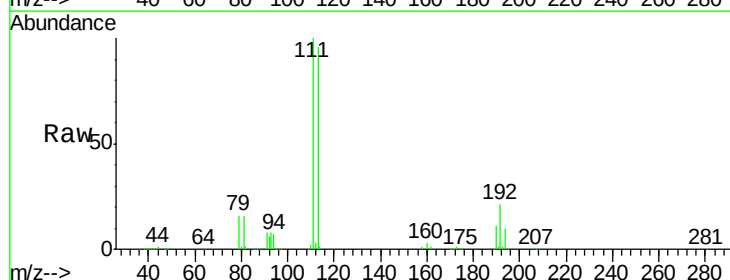
Tgt Ion:113 Resp: 801133

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

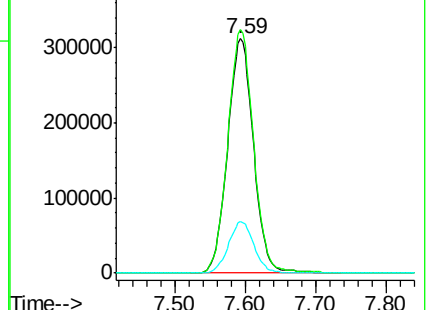
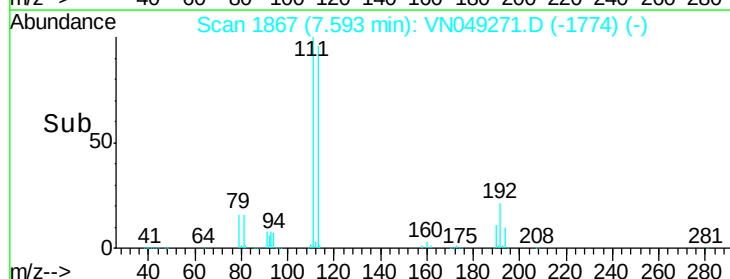
192 21.6 15.0 22.6

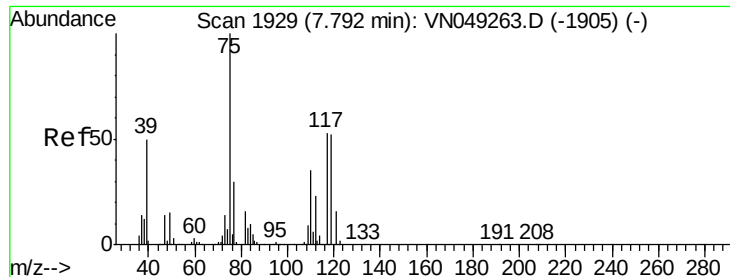


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

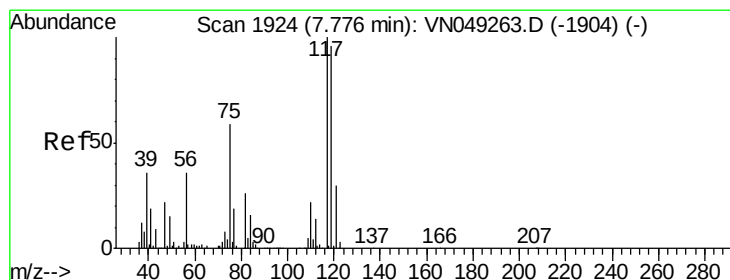
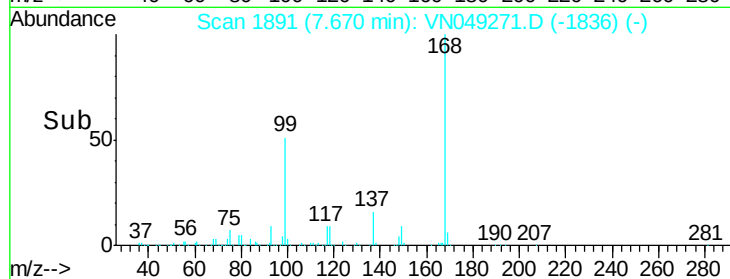
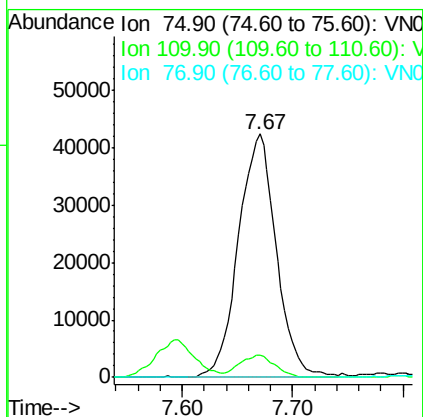
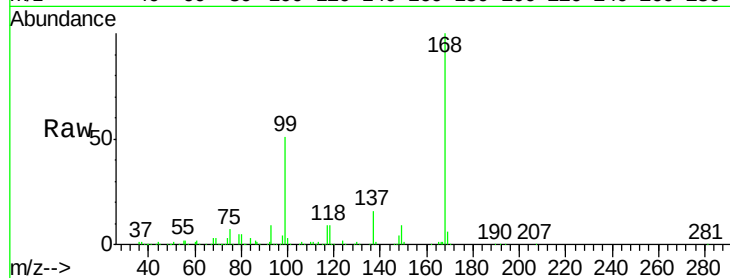




#36
 1,1-Dichloropropene
 Concen: 3.98 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

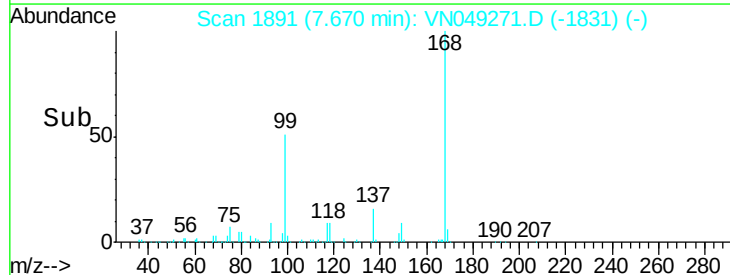
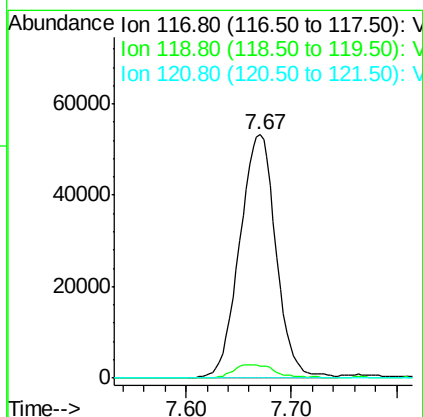
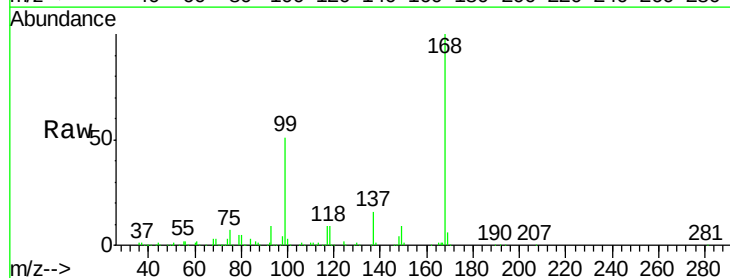
Instrument :
 MSVOA_N
 ClientSampleId :

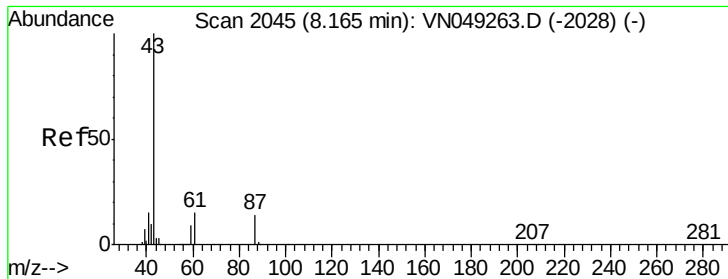
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.0	50.9#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 4.88 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.6	113.4#
121	0.0	24.7	37.1#



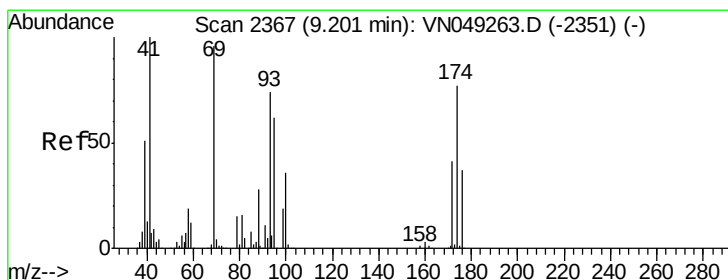
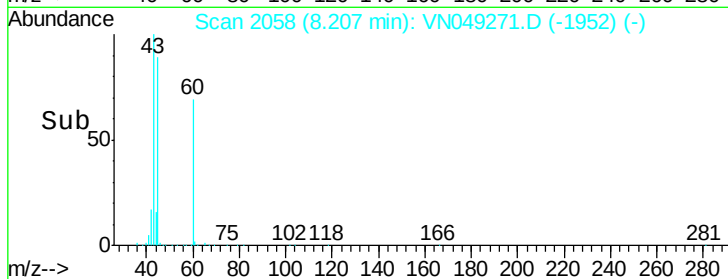
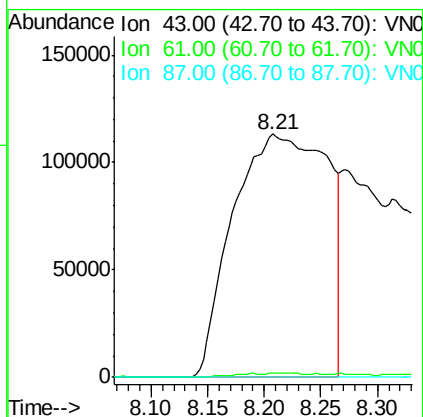
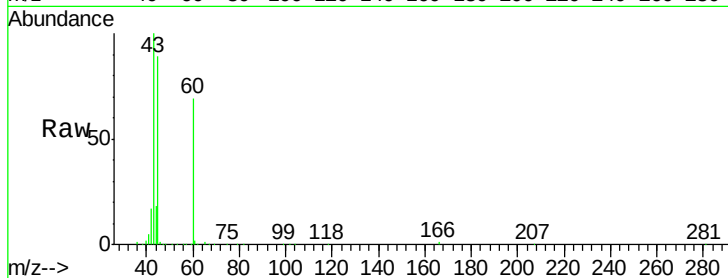


#43

Isopropyl Acetate
 Concen: 24.85 ug/l
 RT: 8.21 min Scan# 2058
 Delta R.T. 0.04 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

Instrument :
 MSVOA_N
 ClientSampled :

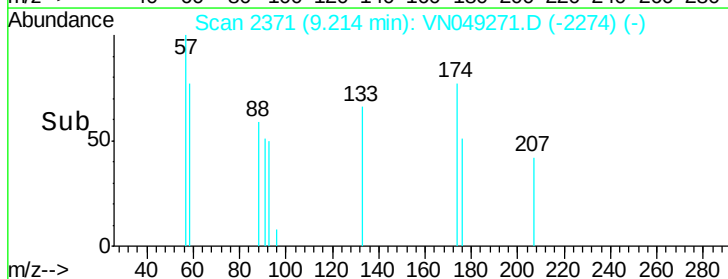
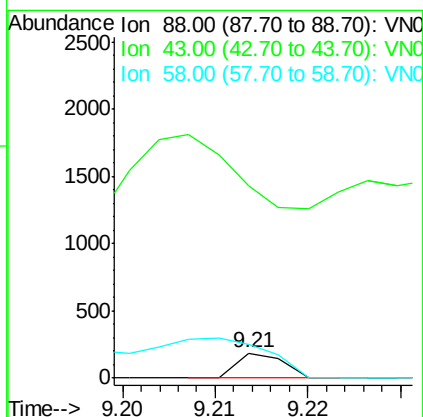
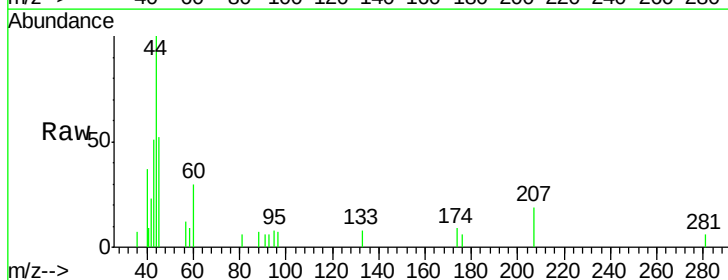
Tot Ion: 43 Resp: 653366
 Ion Ratio Lower Upper
 43 100
 61 0.5 14.2 21.4#
 87 0.0 9.4 14.0#

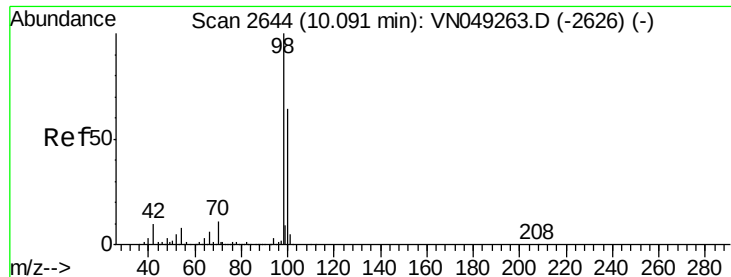


#49

1,4-Dioxane
 Concen: 0.38 ug/l
 RT: 9.21 min Scan# 2371
 Delta R.T. 0.01 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

Tgt Ion: 88 Resp: 65
 Ion Ratio Lower Upper
 88 100
 43 1243.1 30.9 46.3#
 58 369.2 58.9 88.3#

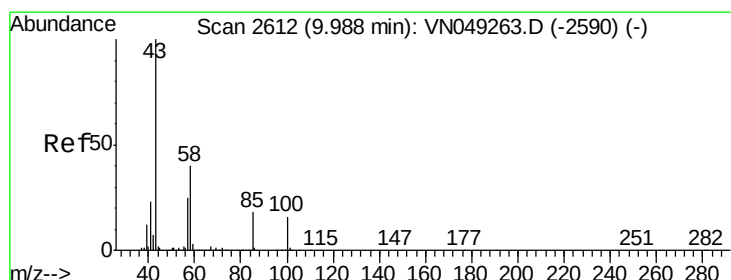
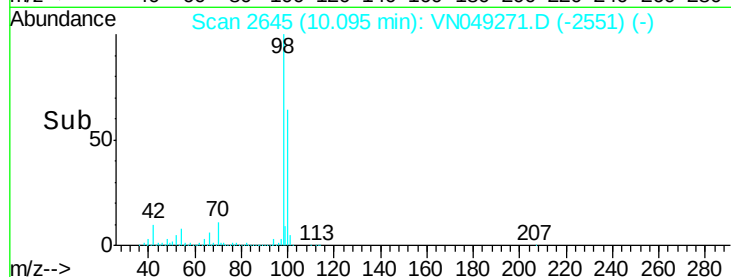
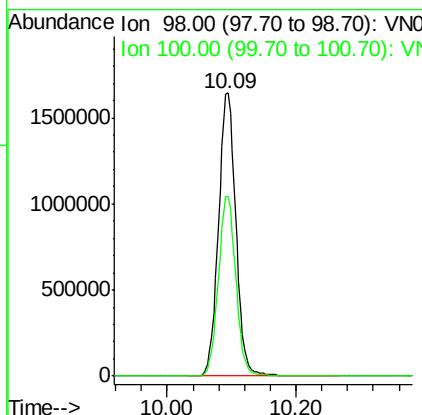
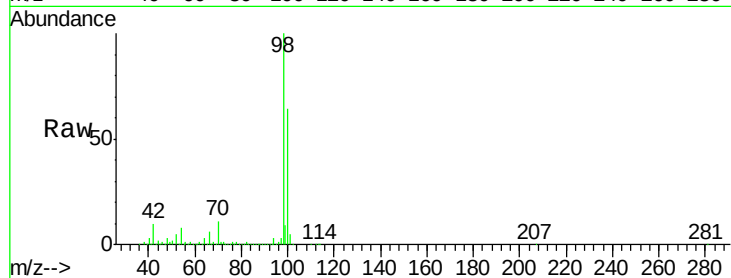




#50
Toluene-d8
Concen: 45.14 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049271.D
Acq: 15 Jun 2018 20:34

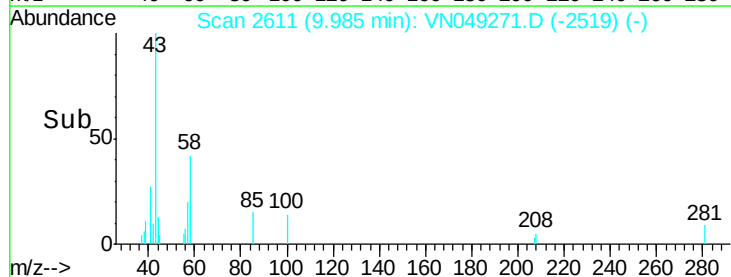
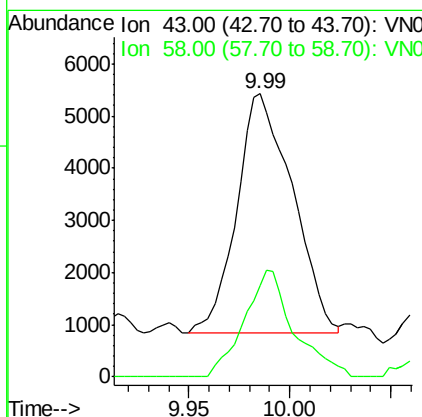
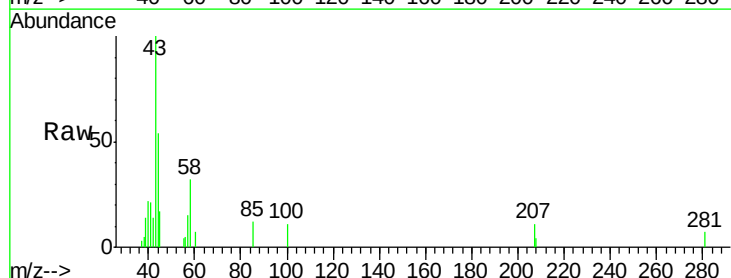
Instrument :
MSVOA_N
ClientSampleId :

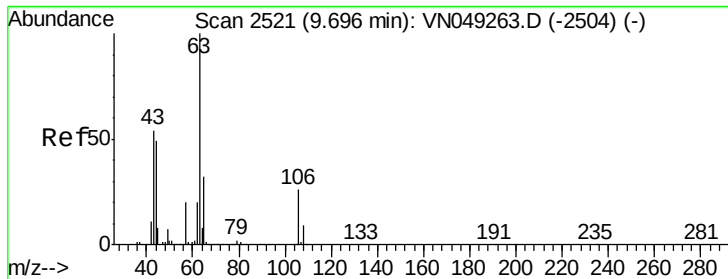
Tot Ion: 98 Resp: 3071808
Ion Ratio Lower Upper
98 100
100 63.6 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049271.D
Acq: 15 Jun 2018 20:34

Tgt Ion: 43 Resp: 8886
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6





#58

2-Chloroethyl Vinyl ether

Concen: 14.35 ug/l

RT: 9.69 min Scan# 2520

Delta R.T. -0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

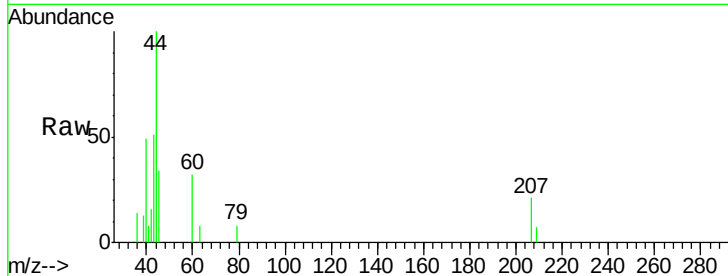
ClientSampled :

Tot Ion: 63 Resp: 195

Ion Ratio Lower Upper

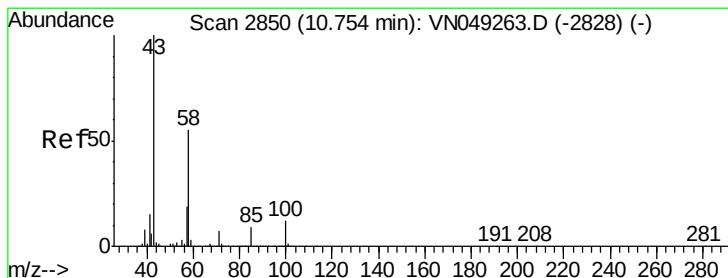
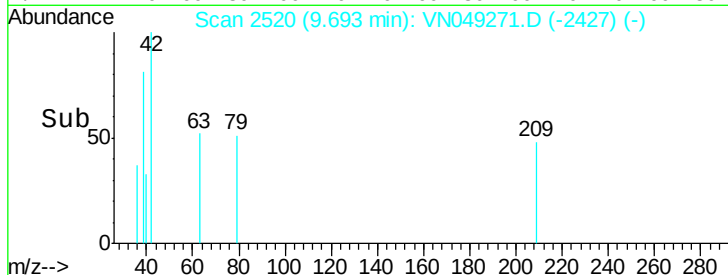
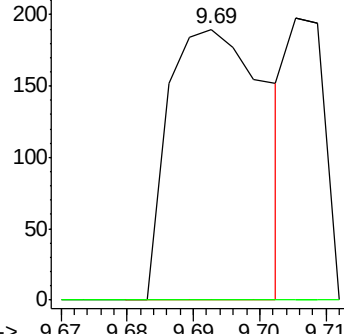
63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 0.36 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN049271.D

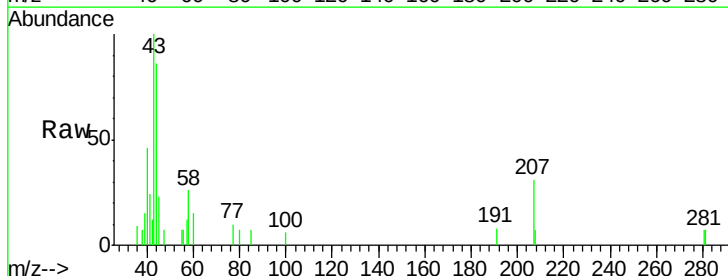
Acq: 15 Jun 2018 20:34

Tgt Ion: 43 Resp: 3214

Ion Ratio Lower Upper

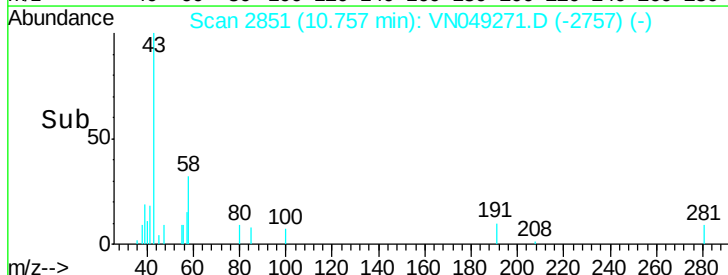
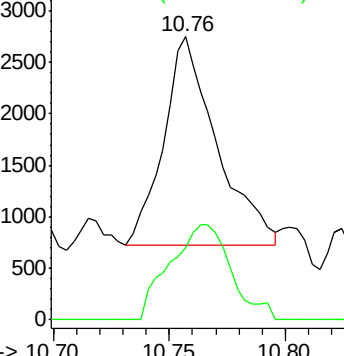
43 100

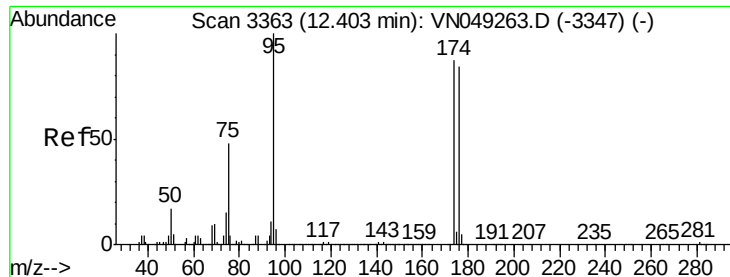
58 52.7 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 32.79 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

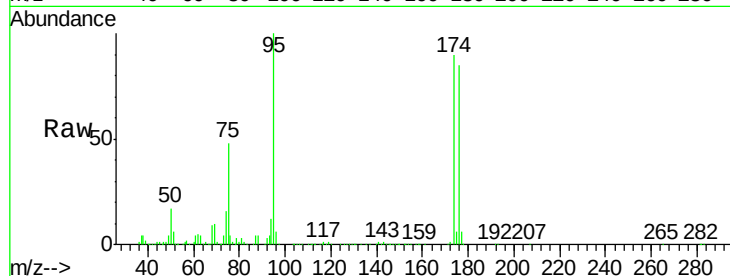
Tot Ion: 95 Resp: 737704

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

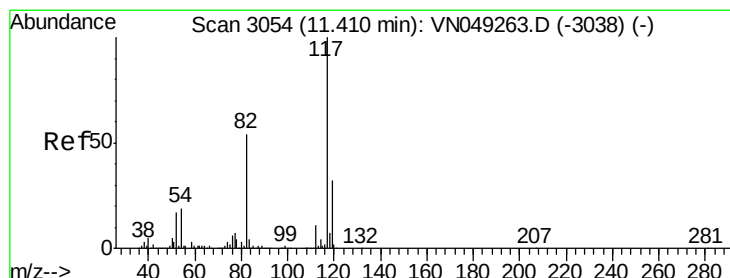
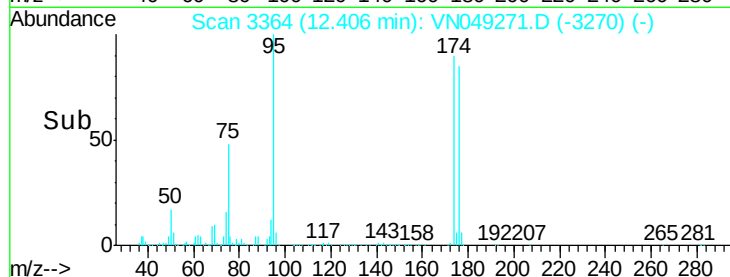
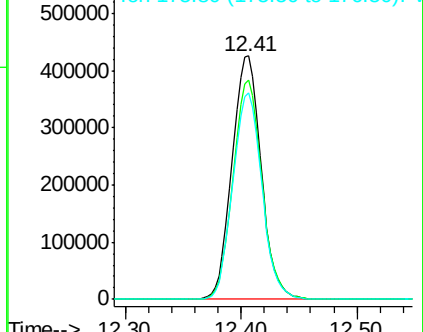
176 84.7 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049271.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049271.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049271.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

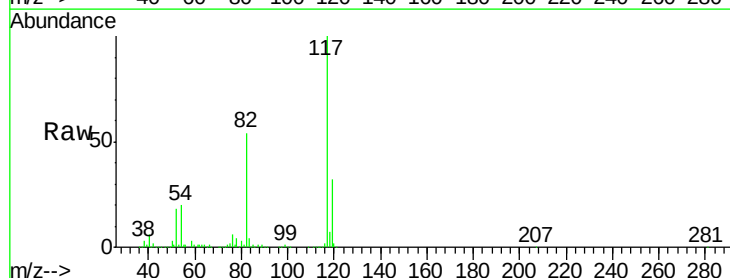
Tgt Ion: 117 Resp: 1808349

Ion Ratio Lower Upper

117 100

82 54.3 45.9 68.9

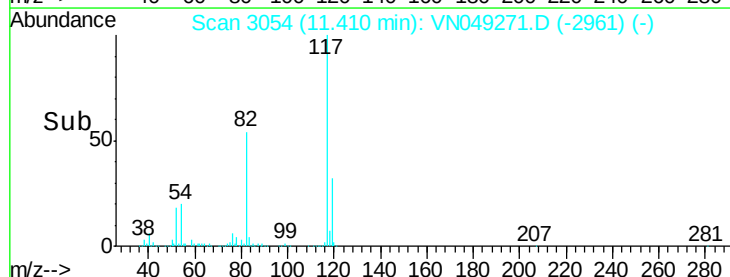
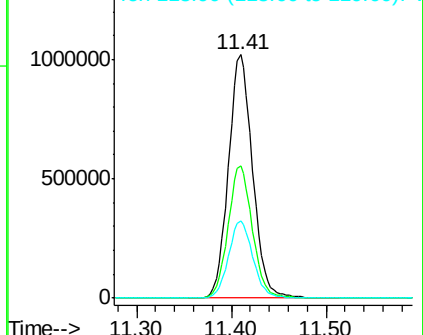
119 31.7 25.5 38.3

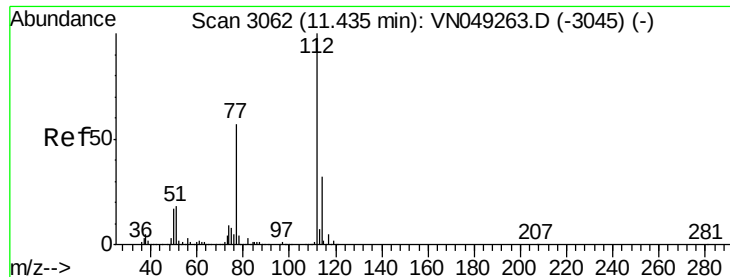


Abundance Ion 116.90 (116.60 to 117.60): VN049271.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049271.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049271.D (-2961) (-)





#65

Chlorobenzene

Concen: 0.60 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

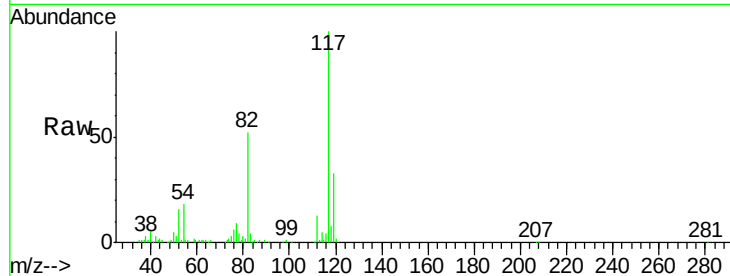
ClientSampleId :

Tot Ion:112 Resp: 28001

Ion Ratio Lower Upper

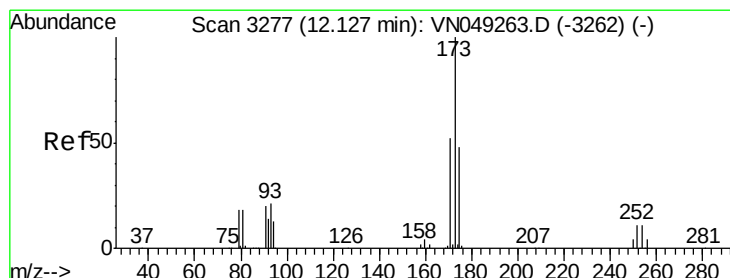
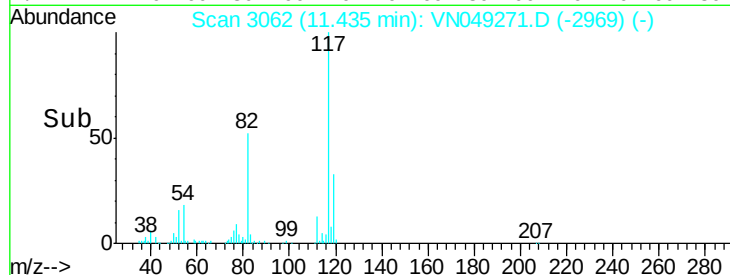
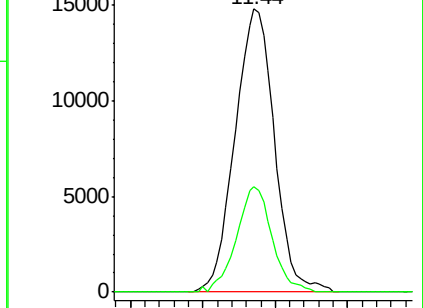
112 100

114 37.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#71

Bromoform

Concen: 0.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

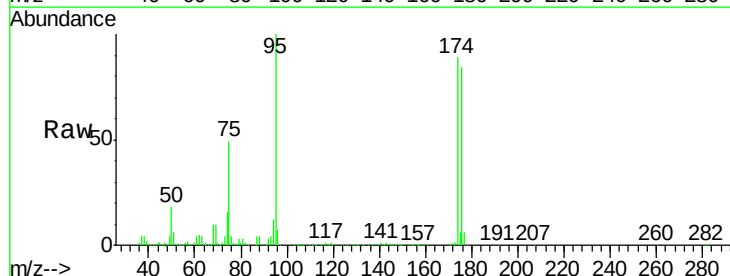
Tgt Ion:173 Resp: 2802

Ion Ratio Lower Upper

173 100

175 1345.2 24.5 73.5#

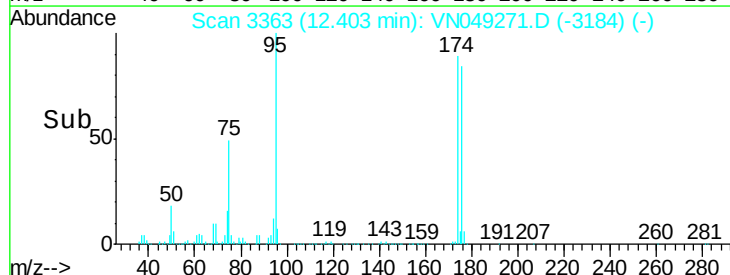
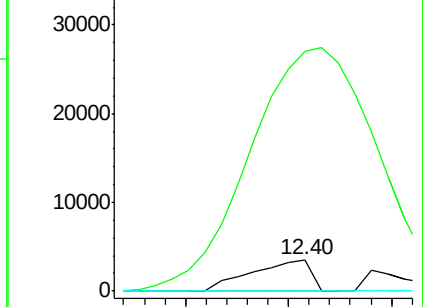
254 0.0 0.1 0.1#

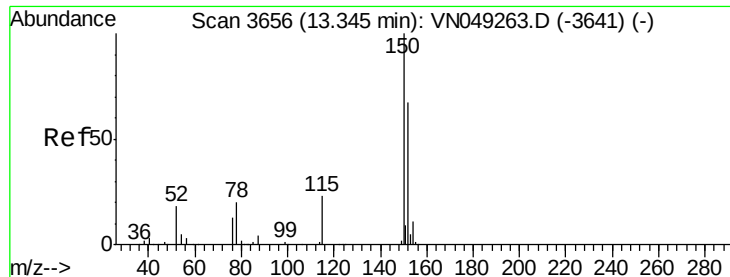


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampleId :

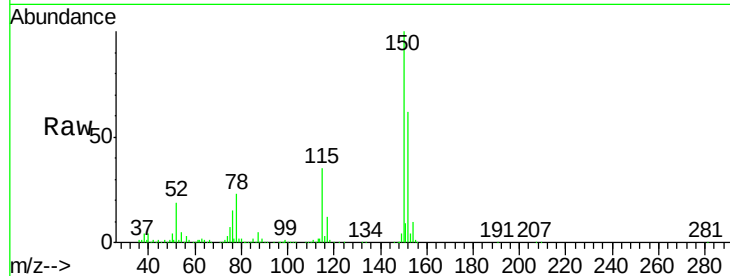
Tot Ion:152 Resp: 474640

Ion Ratio Lower Upper

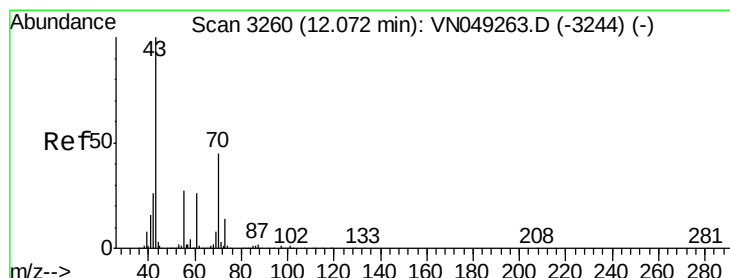
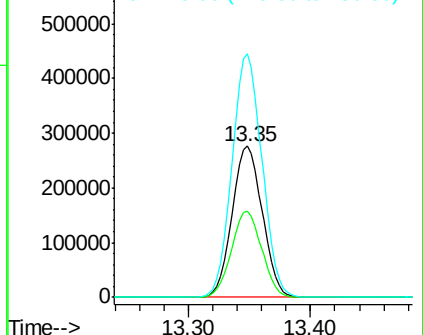
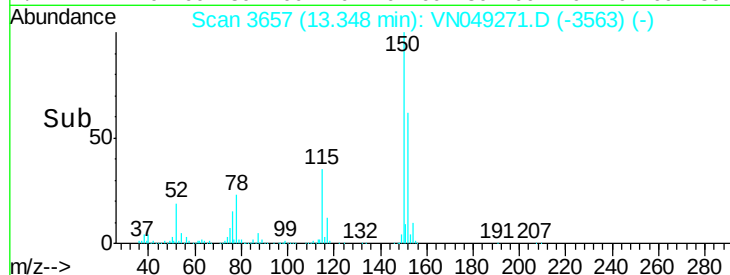
152 100

115 57.3 28.7 86.1

150 159.4 0.0 351.0



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-ethyl acetate

Concen: 0.22 ug/l

RT: 12.05 min Scan# 3253

Delta R.T. -0.02 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Tgt Ion: 43 Resp: 2260

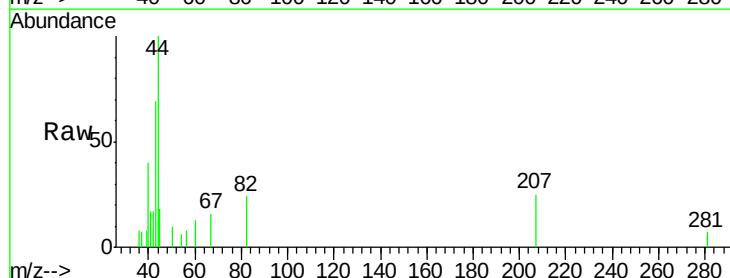
Ion Ratio Lower Upper

43 100

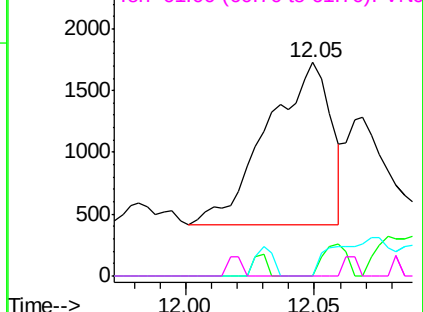
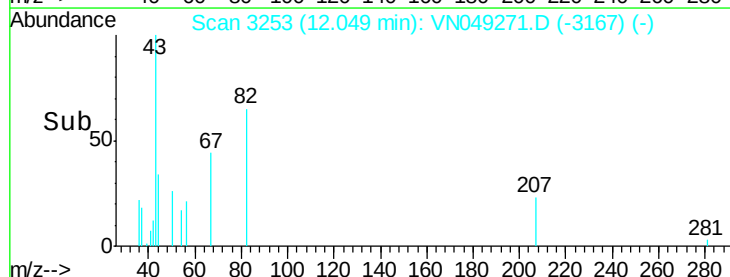
70 7.3 30.3 45.5#

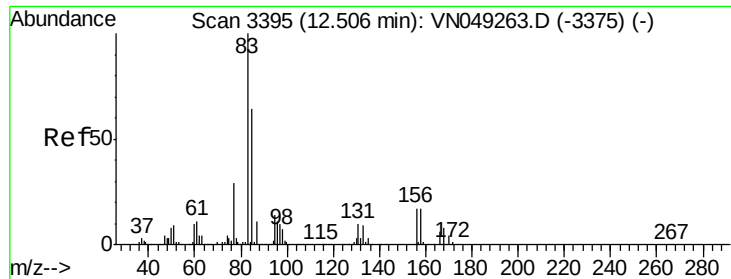
55 0.0 19.4 29.2#

61 2.6 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 70.00 (69.70 to 70.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

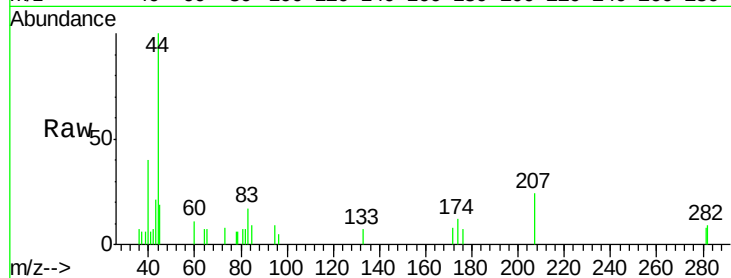
Tot Ion: 83 Resp: 791

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

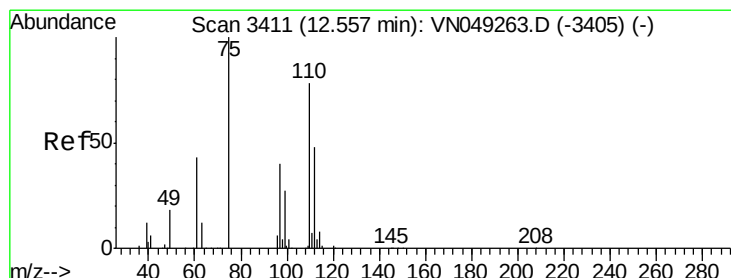
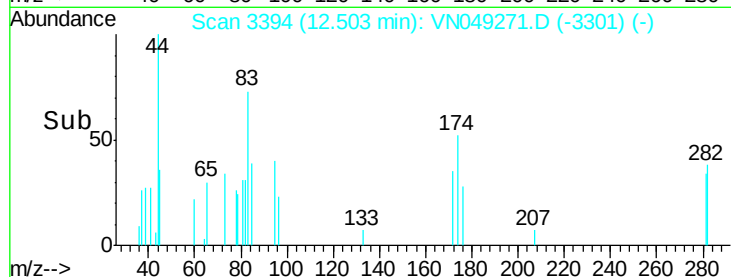
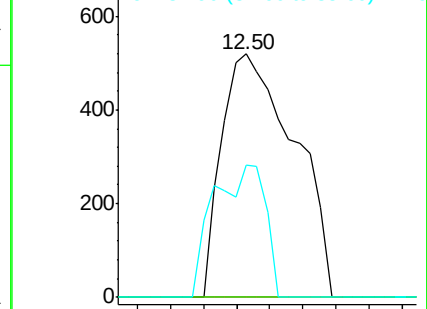
85 38.7 32.0 96.0



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: 43.68 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049271.D

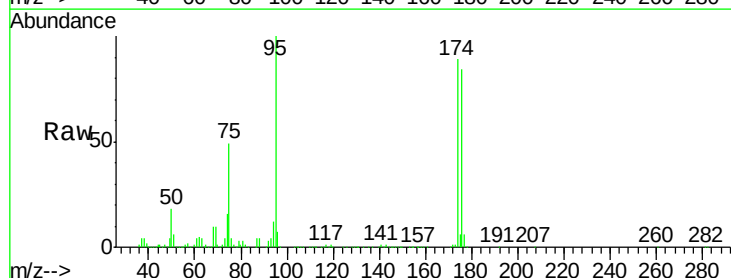
Acq: 15 Jun 2018 20:34

Tgt Ion: 75 Resp: 353755

Ion Ratio Lower Upper

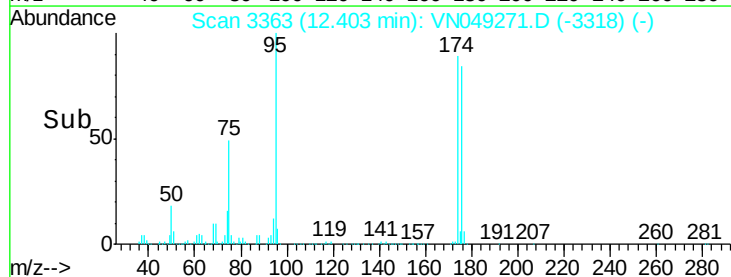
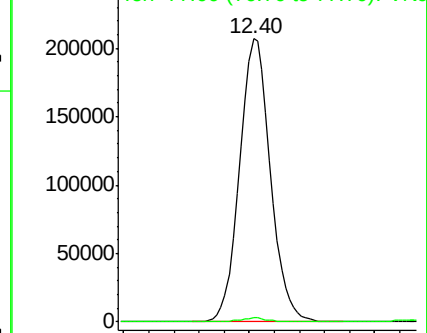
75 100

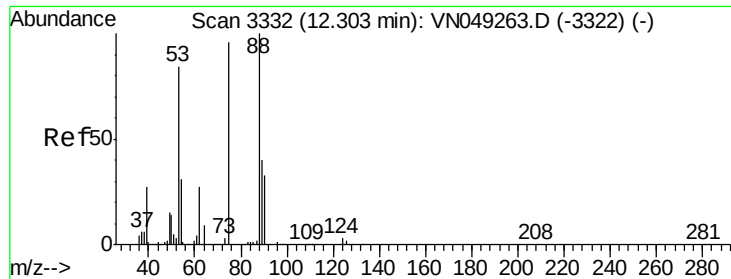
77 1.4 0.0 0.0#



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: 138.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

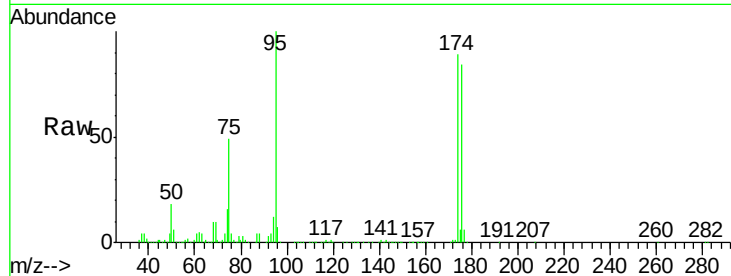
Tot Ion: 75 Resp: 353755

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

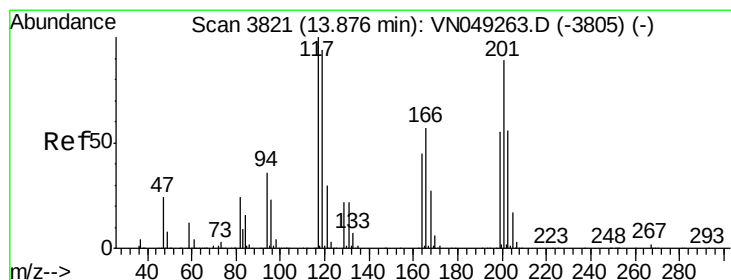
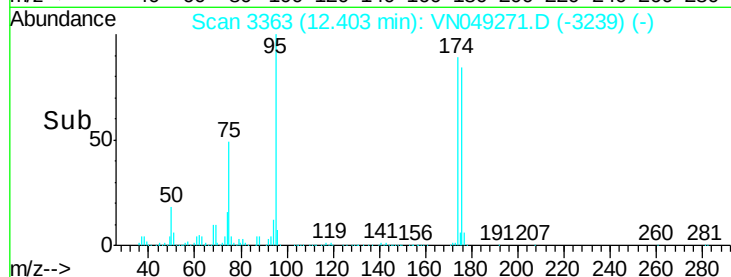
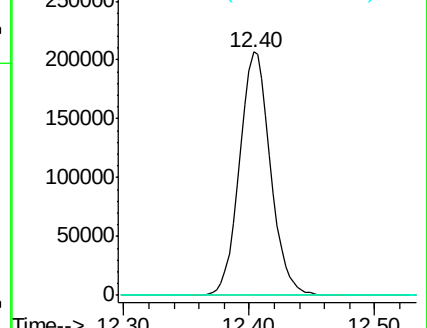
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049271.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049271.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049271.D (-3363) (-)



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049271.D

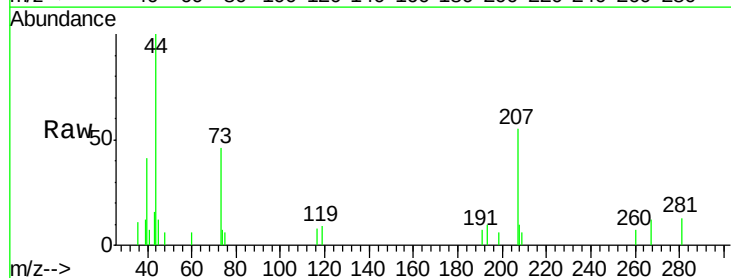
Acq: 15 Jun 2018 20:34

Tgt Ion: 117 Resp: 179

Ion Ratio Lower Upper

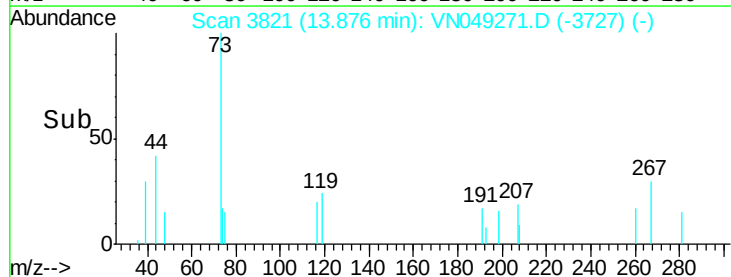
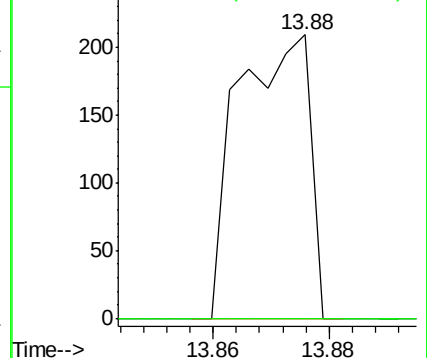
117 100

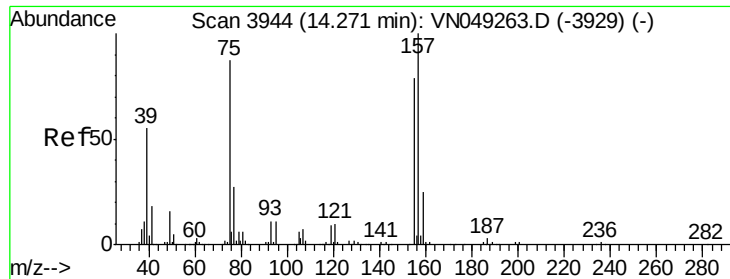
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): VN049271.D (-3821) (-)

Ion 200.70 (200.40 to 201.40): VN049271.D (-3821) (-)

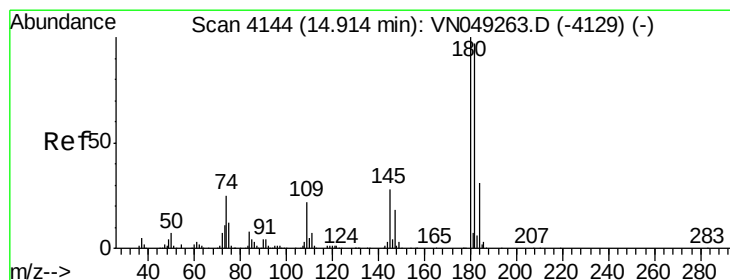
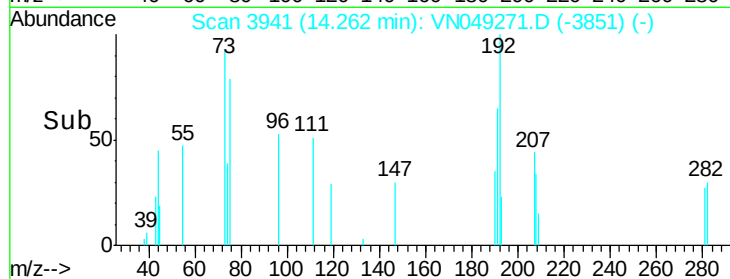
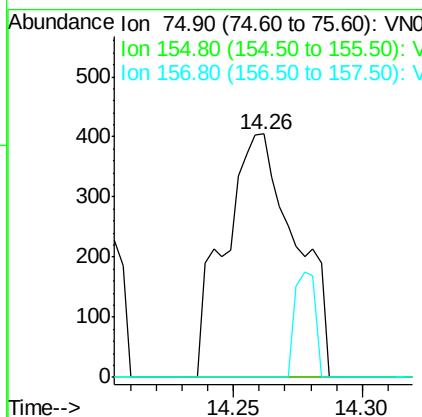
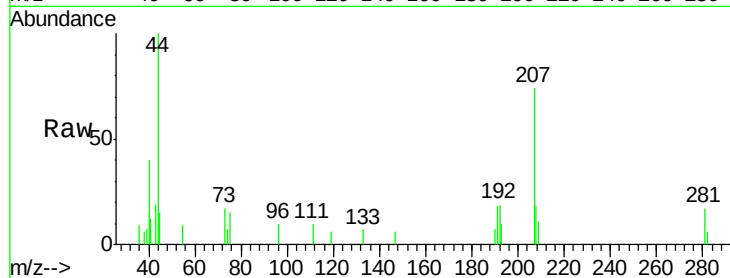




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.53 ug/l
 RT: 14.26 min Scan# 3941
 Delta R.T. -0.01 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

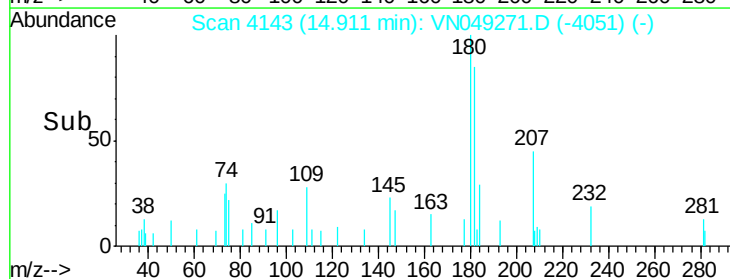
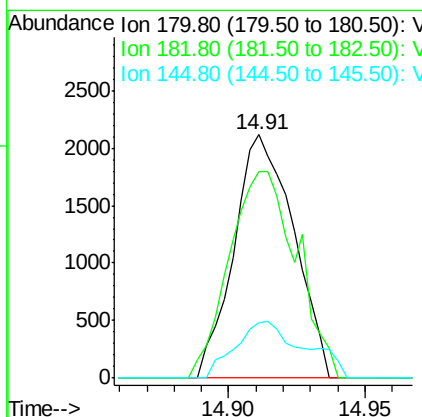
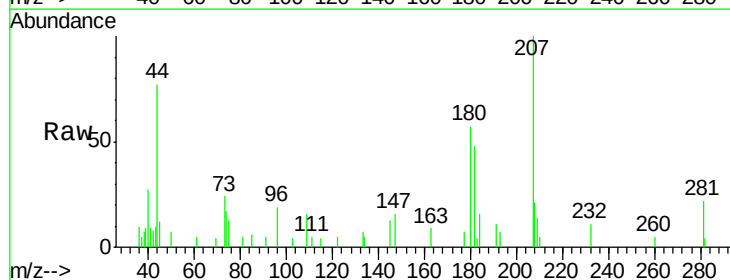
Instrument :
 MSVOA_N
 ClientSampled :

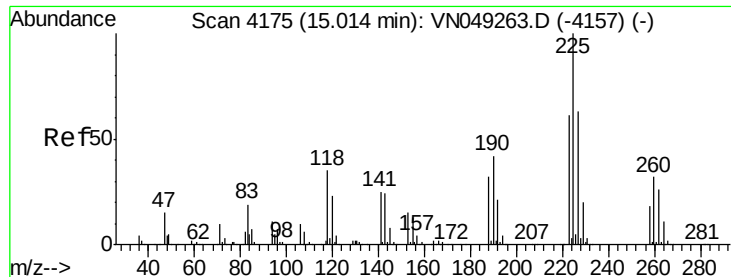
Tot Ion: 75 Resp: 776
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.8 116.3#
 157 12.4 51.0 153.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.10 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

Tgt Ion: 180 Resp: 3210
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.9 140.8
 145 26.9 14.7 44.1





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4174

Delta R.T. -0.00 min

Lab File: VN049271.D

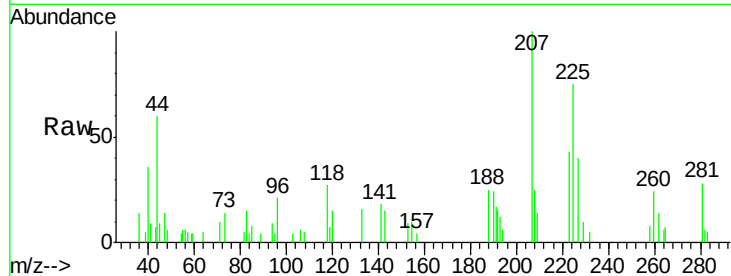
Acq: 15 Jun 2018 20:34

Instrument :

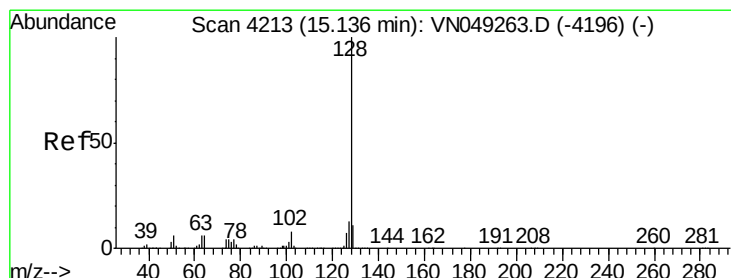
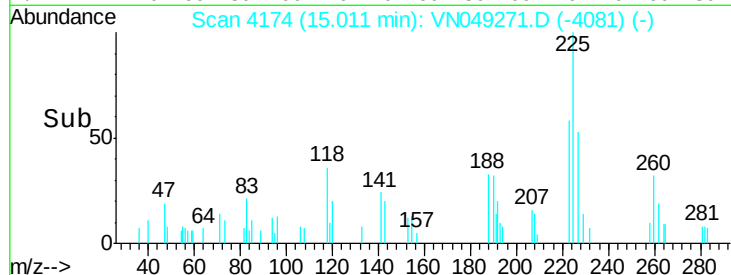
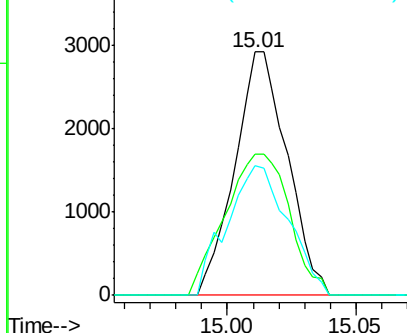
MSVOA_N

ClientSampled :

Tot Ion:	225	Resp:	4146
Ion	Ratio	Lower	Upper
225	100		
223	71.5	32.1	96.3
227	62.0	31.8	95.3



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: 2.62 ug/l

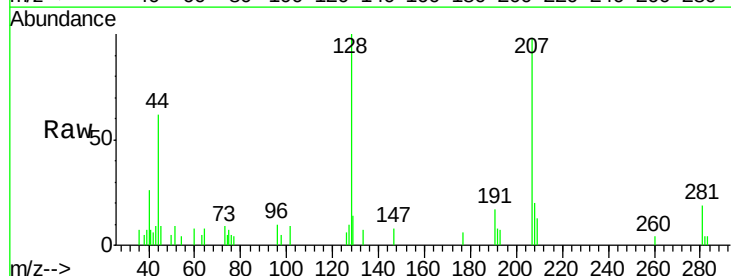
RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

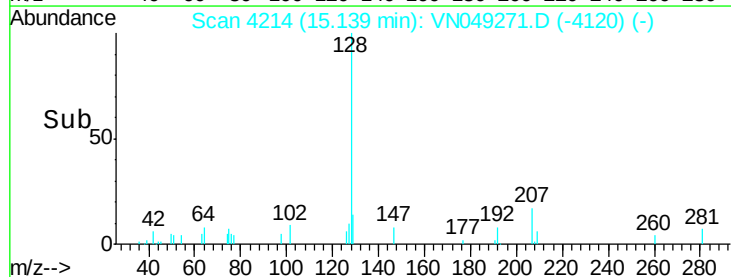
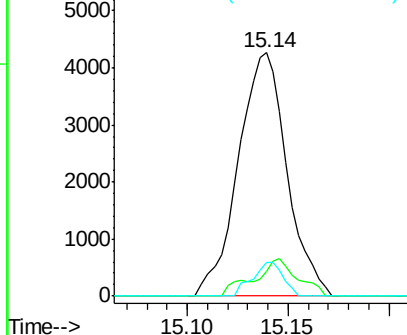
Lab File: VN049271.D

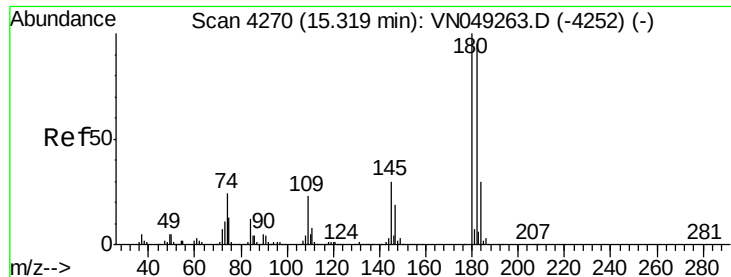
Acq: 15 Jun 2018 20:34

Tgt Ion:	128	Resp:	7180
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	8.9	8.5	12.7



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: 3.78 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2724
 Ion Ratio Lower Upper
 180 100
 182 100.4 47.3 141.8
 145 24.0 15.6 46.7

