

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063018\
 Data File : VN049655.D
 Acq On : 30 Jun 2018 18:44
 Operator : MD\SY
 Sample : J3752-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 02 01:25:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1270704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2028040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1681448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	615603	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	837079	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	7.59	113	742089	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	10.09	98	2759754	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
62) 4-Bromofluorobenzene	12.40	95	769171	37.96	ug/l	0.00
Spiked Amount			Recovery	=	75.92%	

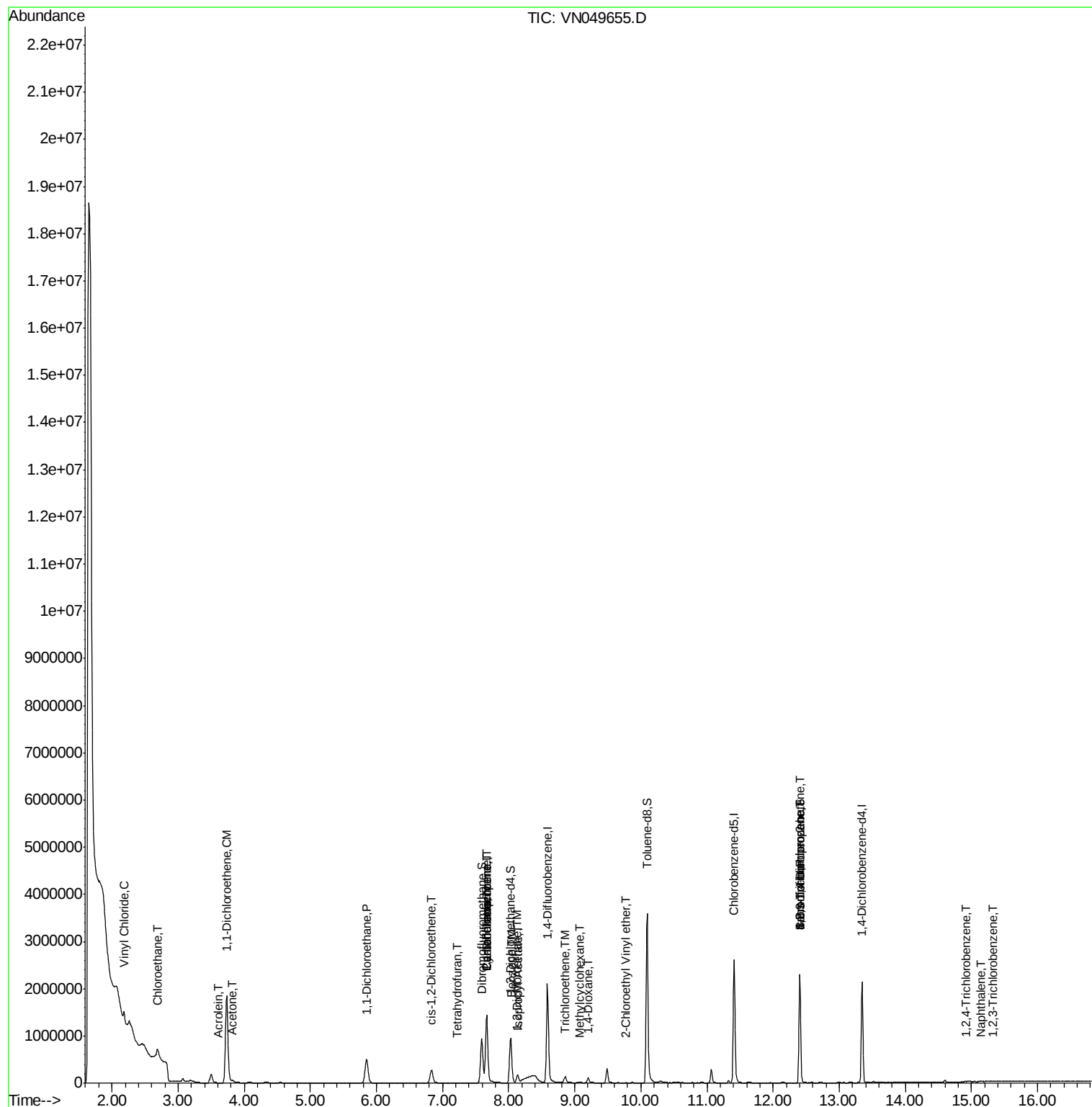
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	182306	9.49	ug/l	99
6) Chloroethane	2.70	64	13106	1.08	ug/l	94
12) 1,1-Dichloroethene	3.73	96	1066683	71.47	ug/l	99
13) Acrolein	3.61	56	1253	1.39	ug/l #	15
16) Acetone	3.82	43	57788	9.46	ug/l	98
17) Carbon Disulfide	4.05	76	1934	Below Cal	#	75
18) Methyl Acetate	4.33	43	36739	Below Cal		98
24) 1,1-Dichloroethane	5.85	63	787370	26.95	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	197340	11.50	ug/l	89
29) Tetrahydrofuran	7.21	42	858	0.24	ug/l #	56
31) Cyclohexane	7.66	56	24633	0.25	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	86040	3.77	ug/l #	49
38) Carbon Tetrachloride	7.67	117	112908	5.09	ug/l #	17
39) Methylcyclohexane	9.08	83	5179	0.21	ug/l #	86
40) Benzene	8.05	78	34618	0.50	ug/l #	90
42) 1,2-Dichloroethane	8.12	62	47080	2.12	ug/l	86
43) Isopropyl Acetate	8.14	43	29085	0.53	ug/l #	87
44) Trichloroethene	8.84	130	14899	0.71	ug/l	97
49) 1,4-Dioxane	9.20	88	84344	530.50	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.78	63	1101	10.93	ug/l #	48
71) Bromoform	12.41	173	5778	0.55	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.46	83	130	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	374284	37.91	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	374284	128.76	ug/l #	19
87) 1,3-Dichlorobenzene	13.29	146	558	Below Cal	#	2
88) 1,4-Dichlorobenzene	13.36	146	1007	Below Cal	#	1
91) 1,2-Dichlorobenzene	13.66	146	1806	Below Cal	#	83
92) 1,2-Dibromo-3-Chloropropan	14.26	75	98	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	263	2.43	ug/l #	70
95) Naphthalene	15.14	128	1187	4.08	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	172	1.66	ug/l #	1

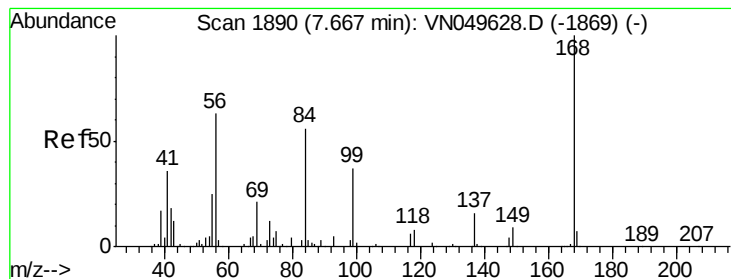
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

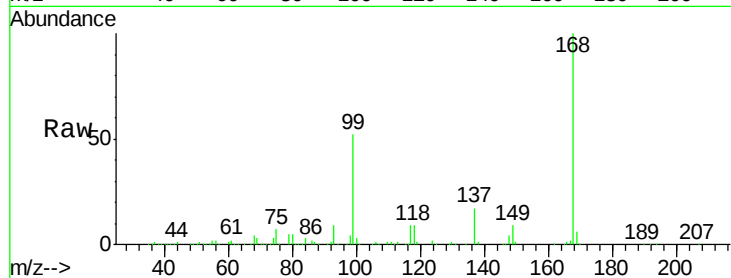
ClientSampleId :

Tot Ion:168 Resp: 1270704

Ion Ratio Lower Upper

168 100

99 51.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

100000

0

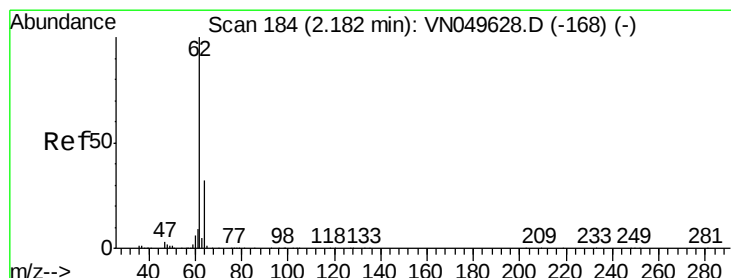
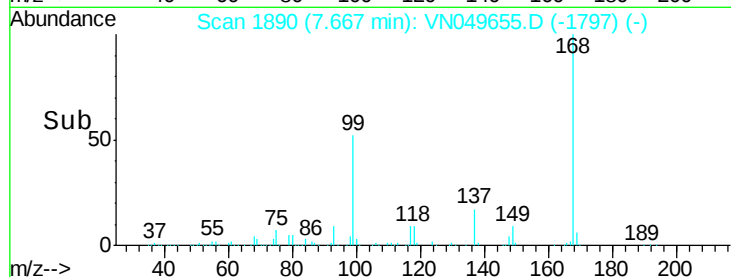
7.67

7.60

7.70

7.80

Time-->



#4

Vinyl Chloride

Concen: 9.49 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049655.D

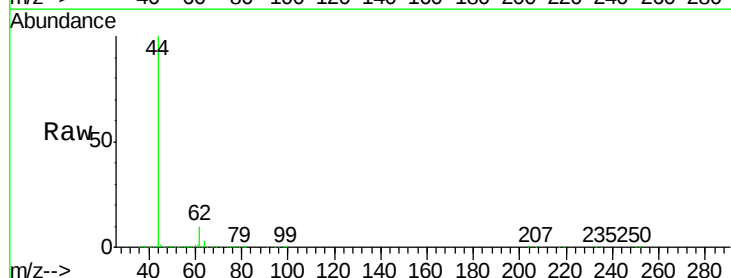
Acq: 30 Jun 2018 18:44

Tgt Ion: 62 Resp: 182306

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): V

Ion 63.90 (63.60 to 64.60): VN

100000

50000

0

2.18

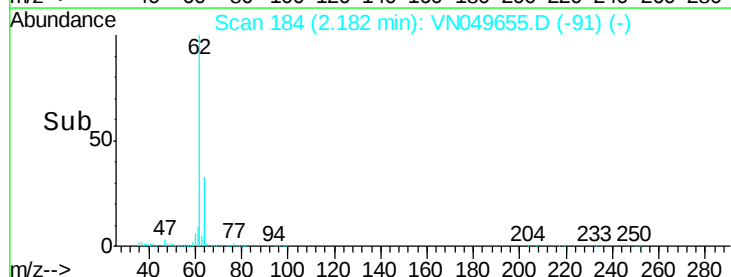
2.10

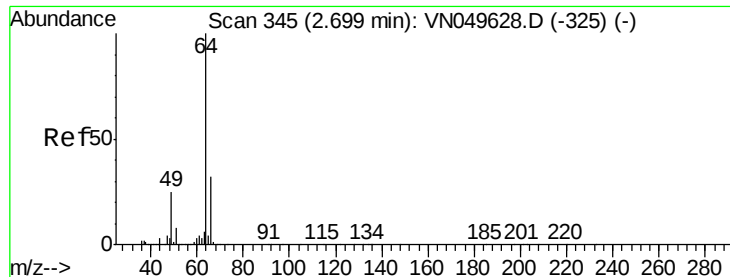
2.15

2.20

2.25

Time-->





#6

Chloroethane

Concen: 1.08 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

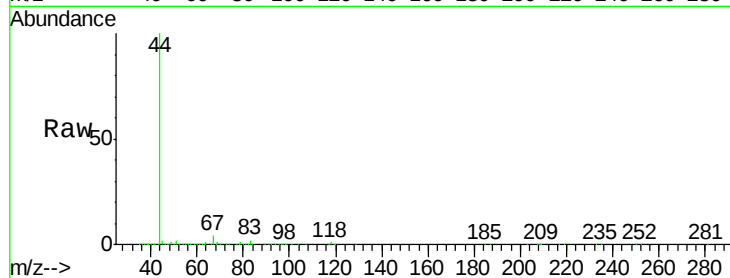
ClientSampleId :

Tot Ion: 64 Resp: 13106

Ion Ratio Lower Upper

64 100

66 28.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

6000

5000

4000

3000

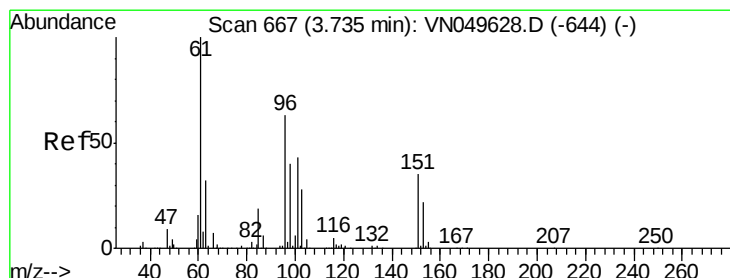
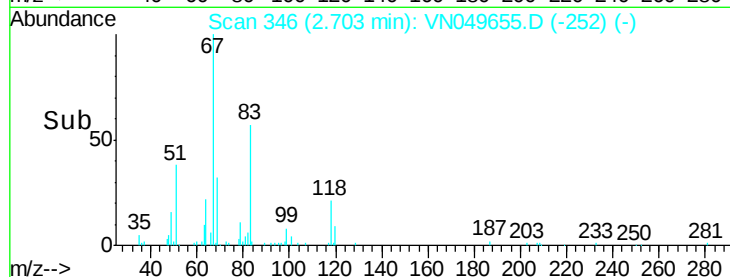
2000

1000

0

2.60 2.65 2.70 2.75

Time-->



#12

1,1-Dichloroethene

Concen: 71.47 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

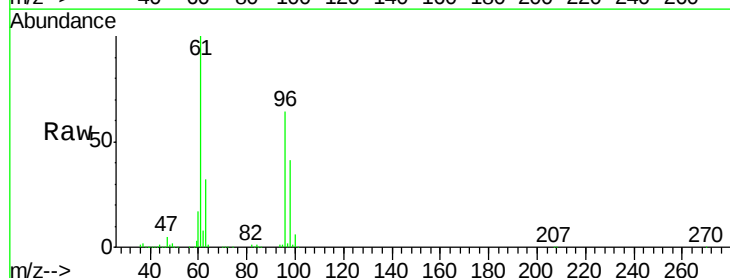
Tgt Ion: 96 Resp: 1066683

Ion Ratio Lower Upper

96 100

61 157.4 126.5 189.7

98 64.2 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

800000

600000

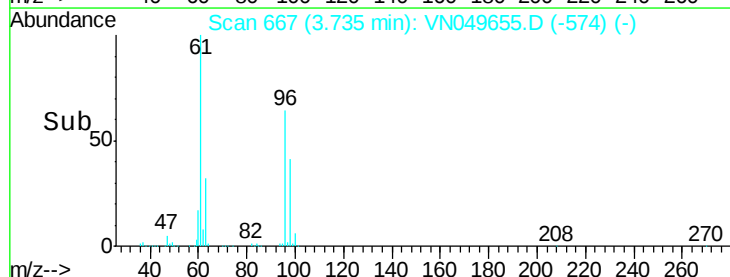
400000

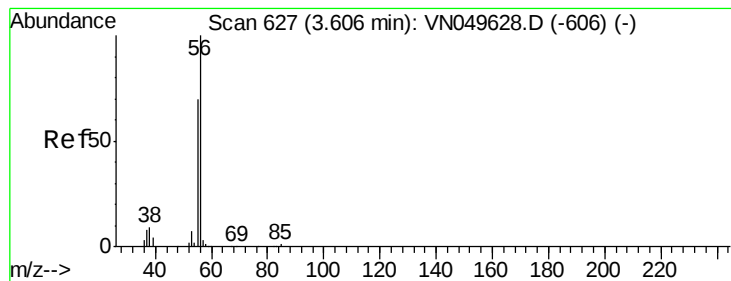
200000

0

3.60 3.70 3.80 3.90

Time-->





#13

Acrolein

Concen: 1.39 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

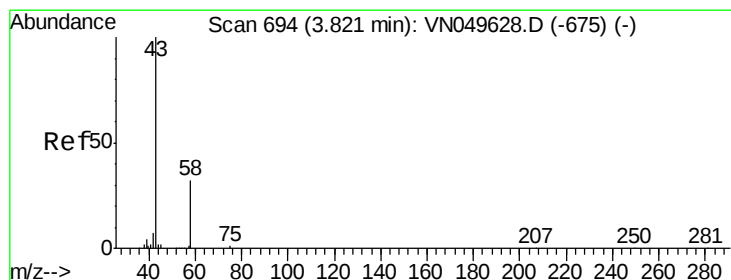
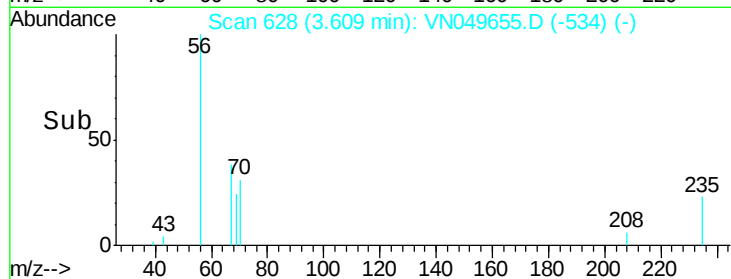
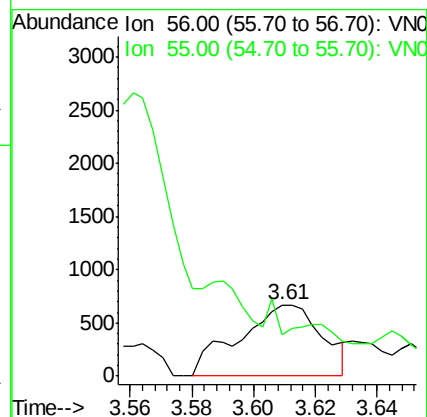
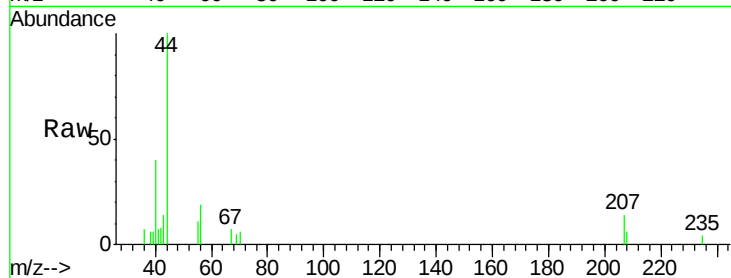
ClientSampled :

Tot Ion: 56 Resp: 1253

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#16

Acetone

Concen: 9.46 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049655.D

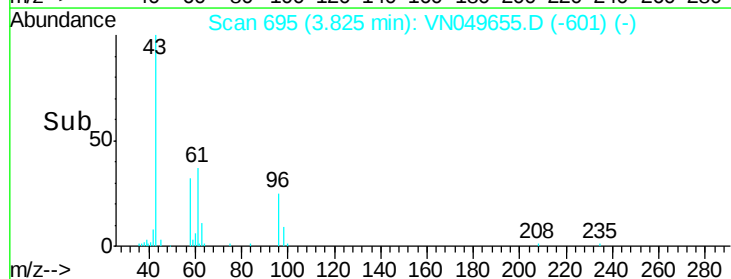
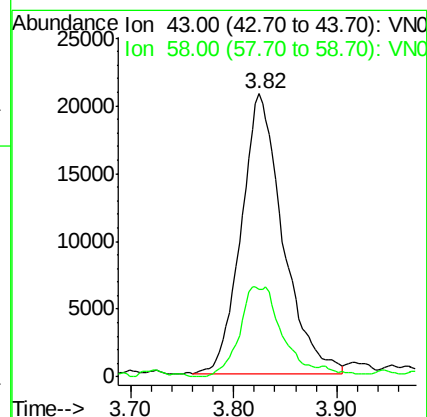
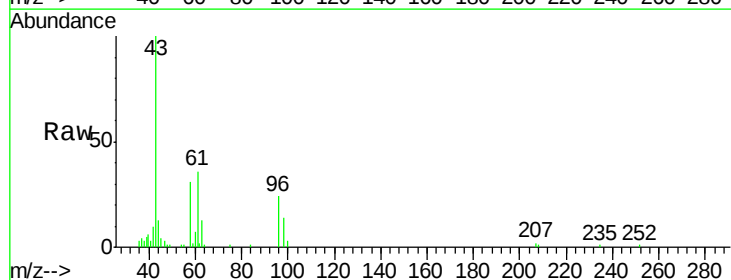
Acq: 30 Jun 2018 18:44

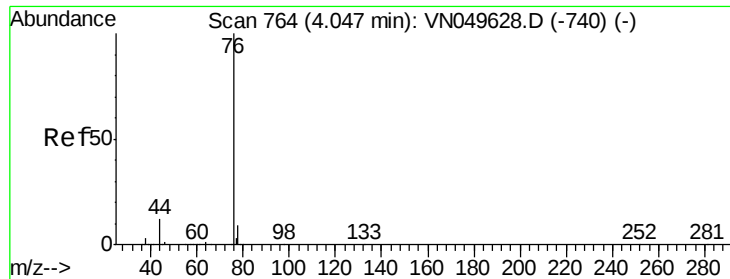
Tgt Ion: 43 Resp: 57788

Ion Ratio Lower Upper

43 100

58 31.4 25.9 38.9





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

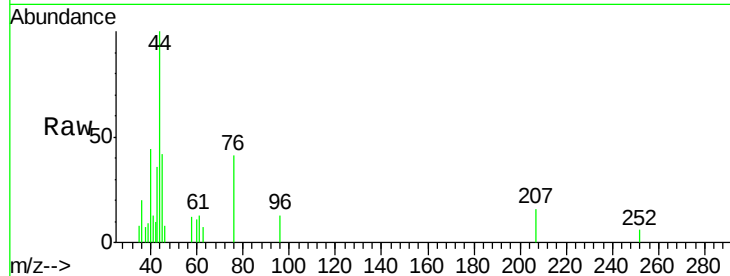
ClientSampled :

Tot Ion: 76 Resp: 1934

Ion Ratio Lower Upper

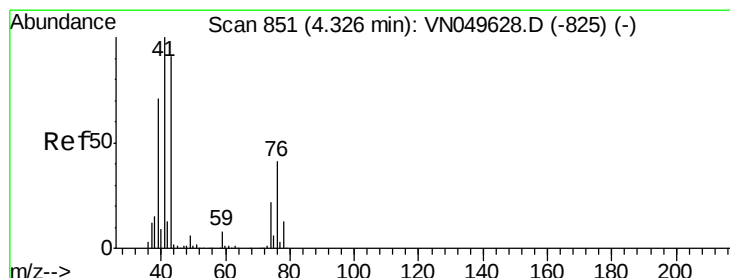
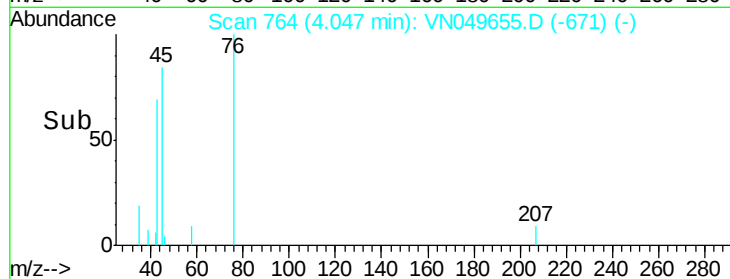
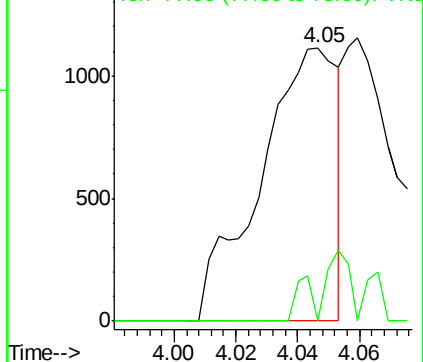
76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049655.D

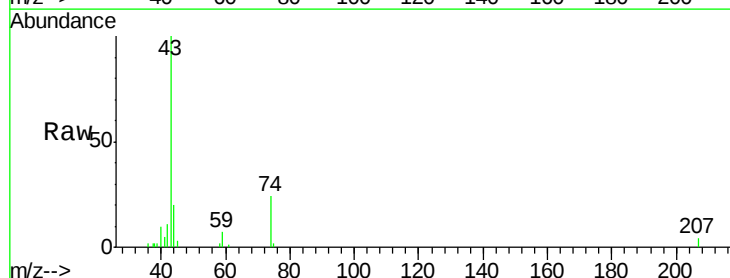
Acq: 30 Jun 2018 18:44

Tgt Ion: 43 Resp: 36739

Ion Ratio Lower Upper

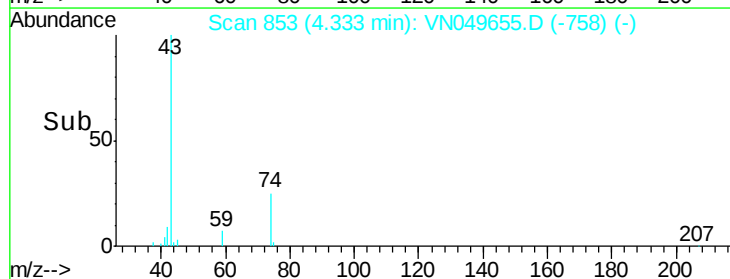
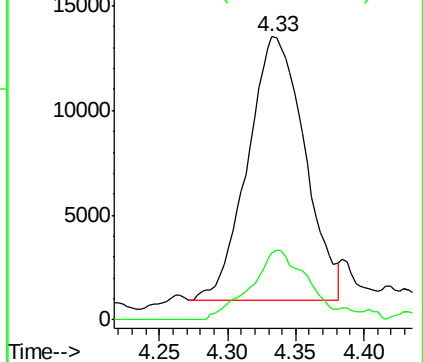
43 100

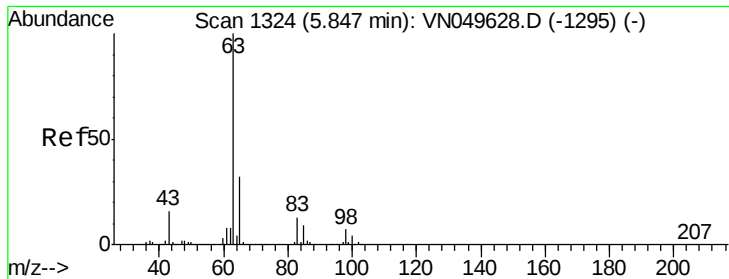
74 25.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#24

1,1-Dichloroethane

Concen: 26.95 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

ClientSampleId :

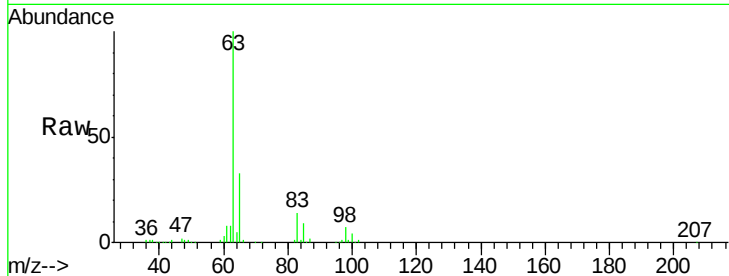
Tot Ion: 63 Resp: 787370

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

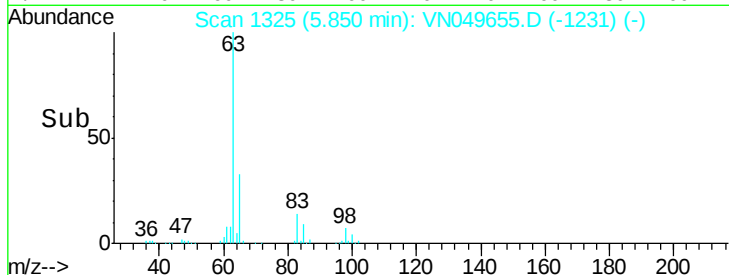
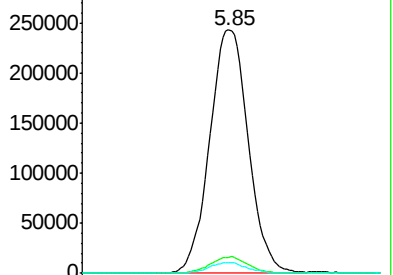
100 4.3 2.2 6.6



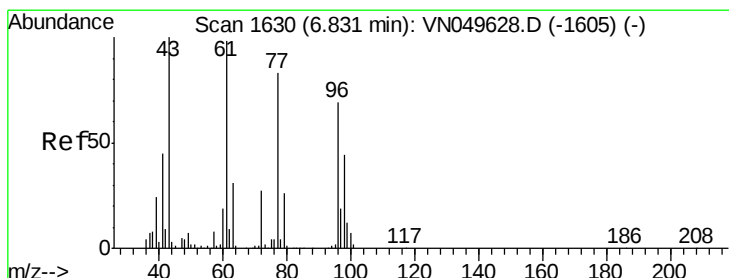
Abundance Ion 62.90 (62.60 to 63.60): VN049628.D (-1295) (-)

Ion 97.90 (97.60 to 98.60): VN049628.D (-1295) (-)

Ion 99.90 (99.60 to 100.60): VN049628.D (-1295) (-)



Time-->



#27

cis-1,2-Dichloroethene

Concen: 11.50 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

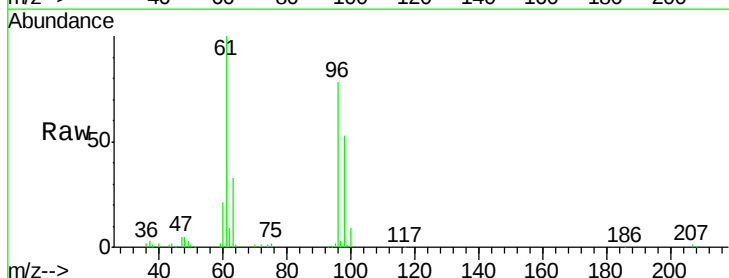
Tgt Ion: 96 Resp: 197340

Ion Ratio Lower Upper

96 100

61 126.6 0.0 289.0

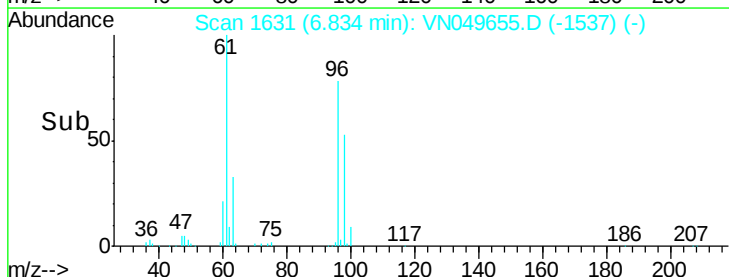
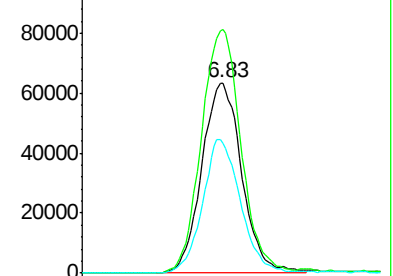
98 66.6 0.0 130.2

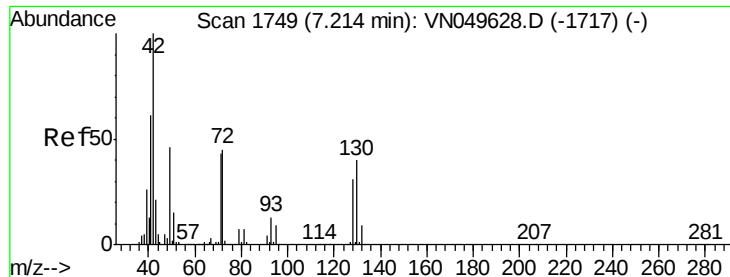


Abundance Ion 95.90 (95.60 to 96.60): VN049628.D (-1605) (-)

Ion 60.90 (60.60 to 61.60): VN049628.D (-1605) (-)

Ion 97.90 (97.60 to 98.60): VN049628.D (-1605) (-)

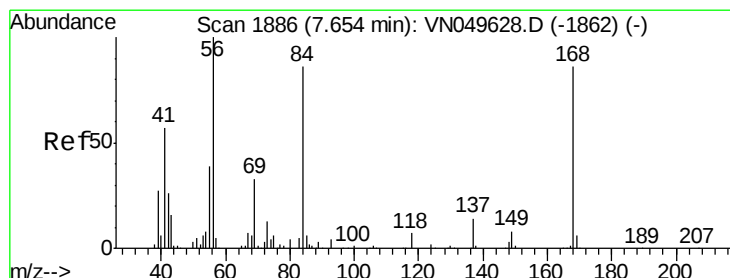
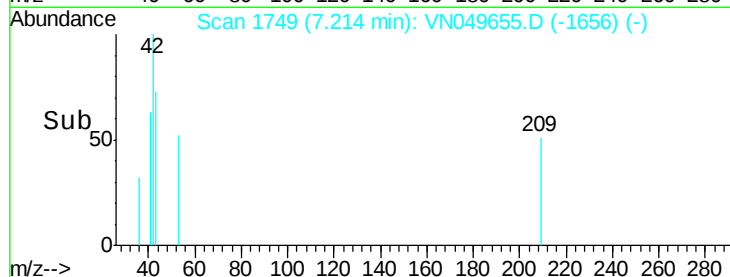
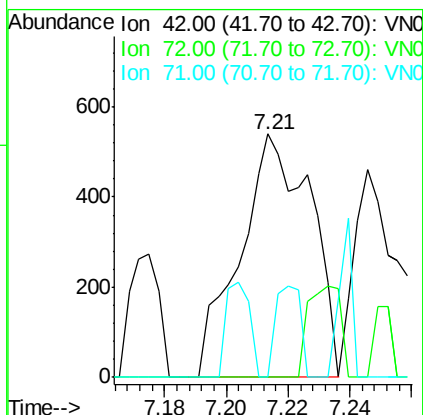
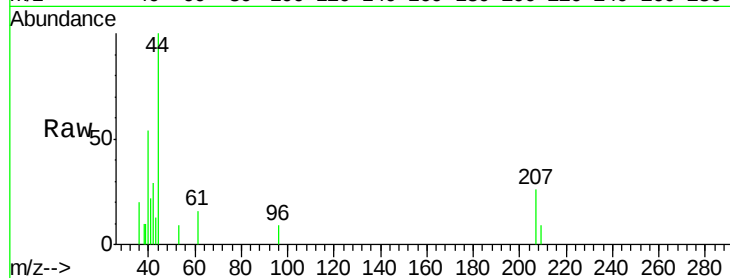




#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VN049655.D
Acq: 30 Jun 2018 18:44

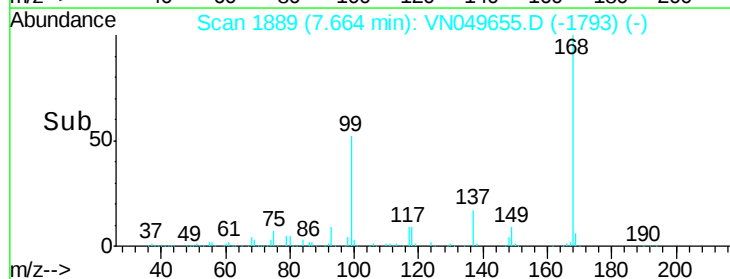
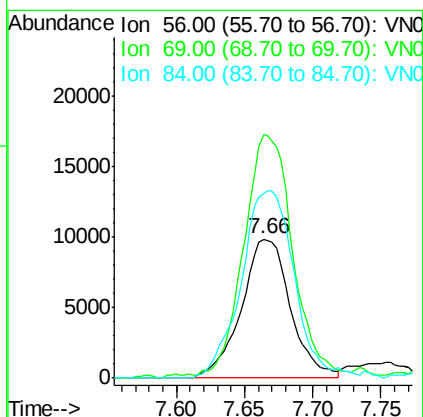
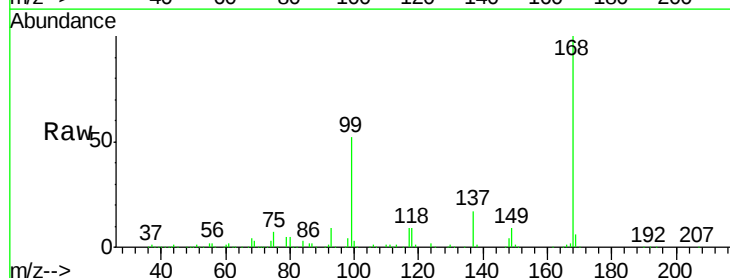
Instrument :
MSVOA_N
ClientSampled :

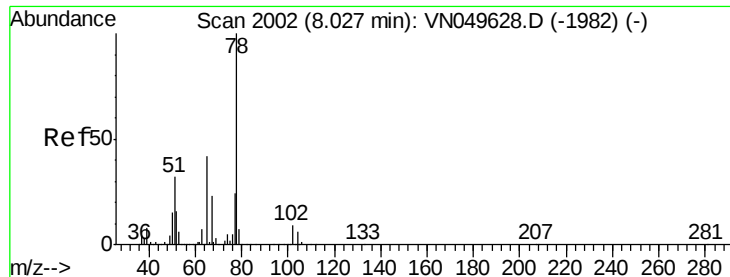
Tot Ion: 42 Resp: 858
Ion Ratio Lower Upper
42 100
72 16.9 35.6 53.4#
71 13.1 34.0 51.0#



#31
Cyclohexane
Concen: 0.25 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049655.D
Acq: 30 Jun 2018 18:44

Tgt Ion: 56 Resp: 24633
Ion Ratio Lower Upper
56 100
69 172.2 26.6 40.0#
84 133.0 69.0 103.6#

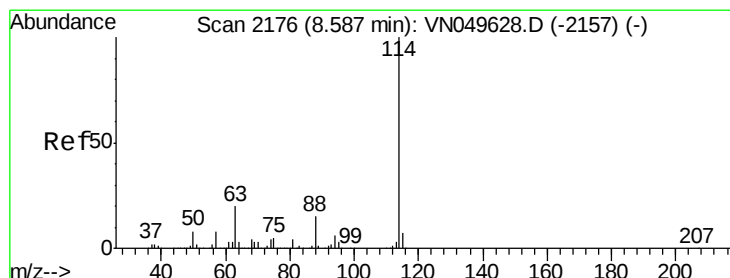
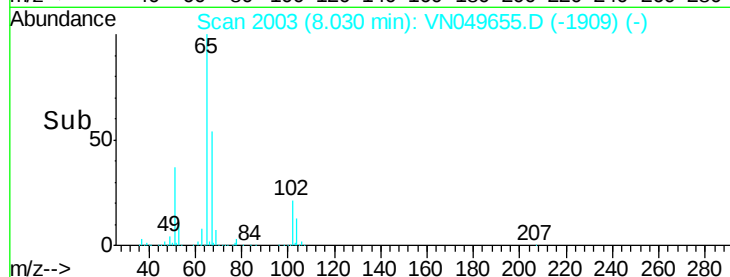
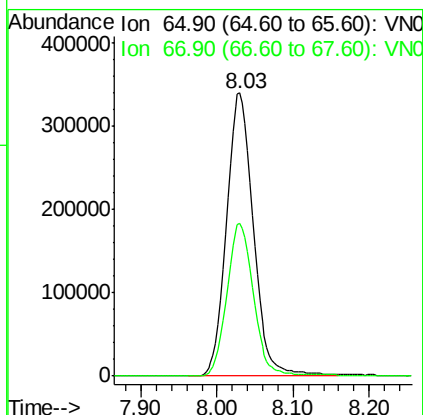
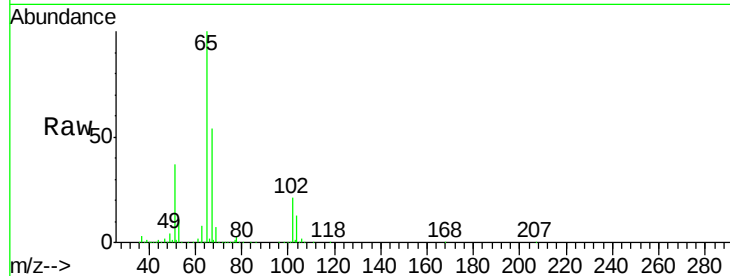




#33
 1,2-Dichloroethane-d4
 Concen: 49.88 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

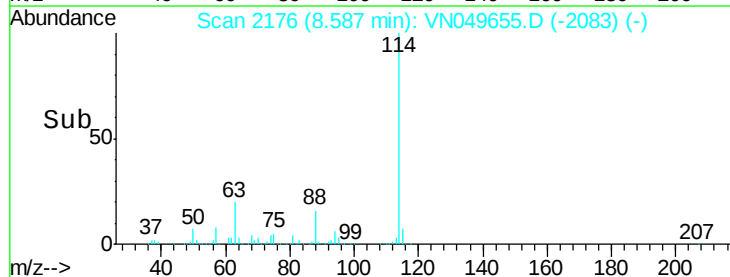
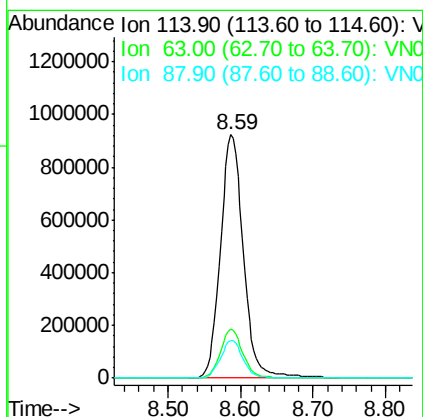
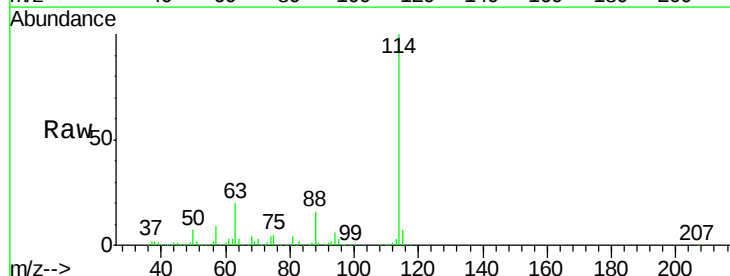
Instrument :
 MSVOA_N
 ClientSampleId :

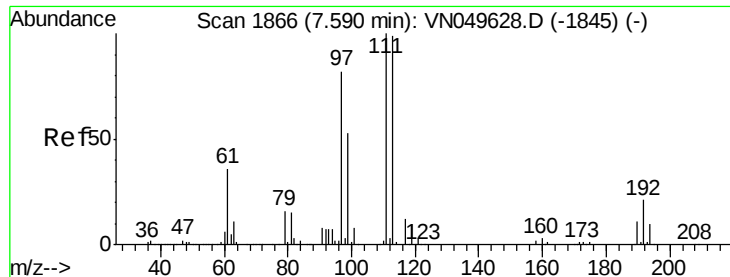
Tot Ion: 65 Resp: 837079
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

Tgt Ion: 114 Resp: 2028040
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.5 0.0 30.6

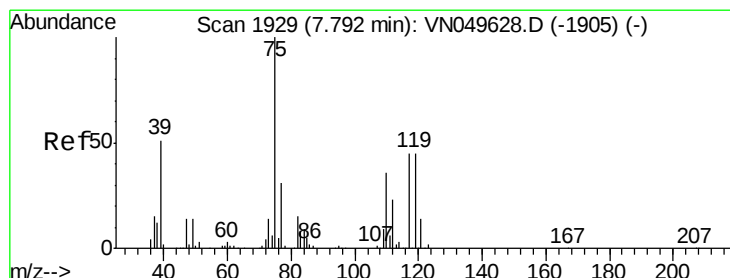
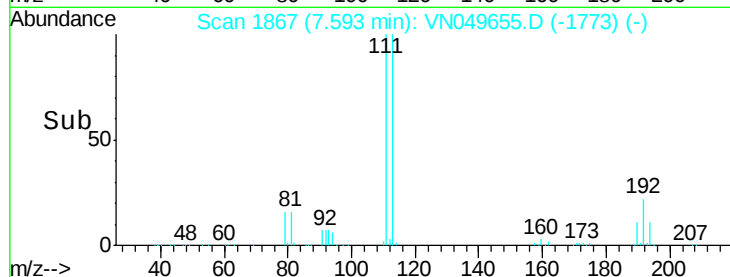
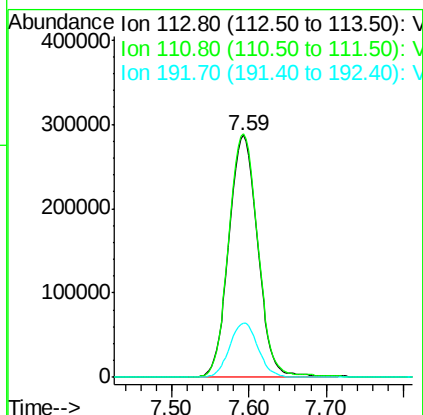
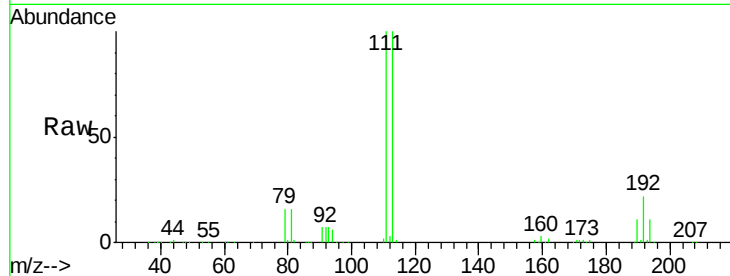




#35
 Dibromofluoromethane
 Concen: 48.94 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

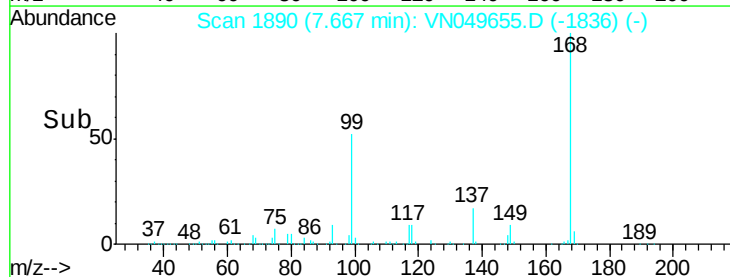
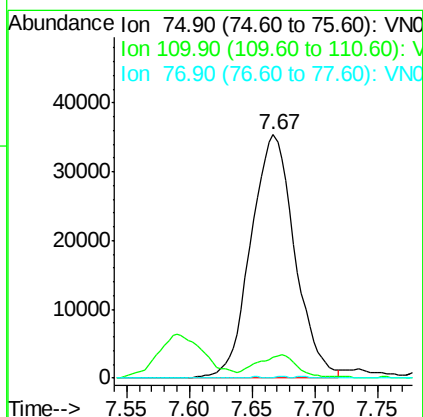
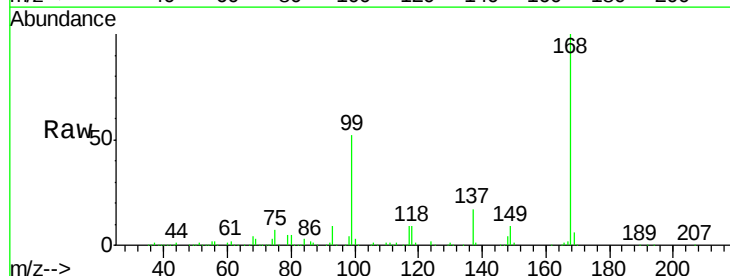
Instrument :
 MSVOA_N
 ClientSampleId :

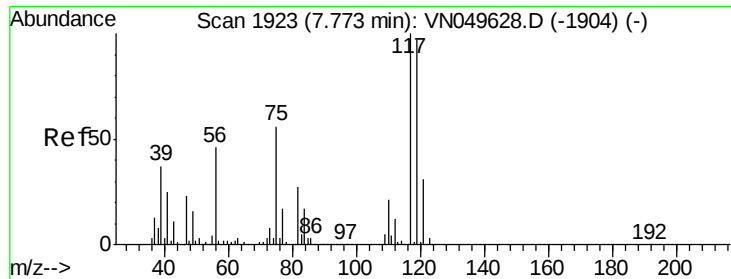
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	22.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	24.9	37.3#

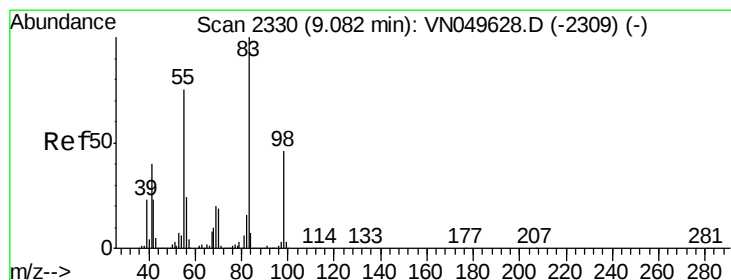
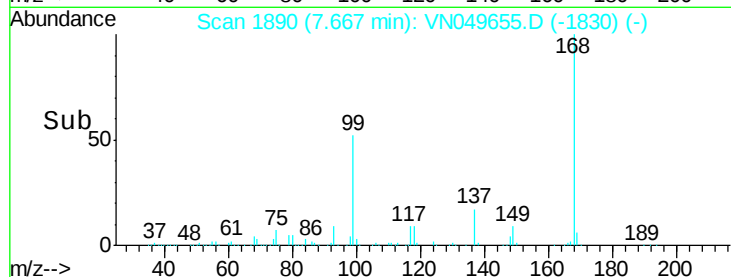
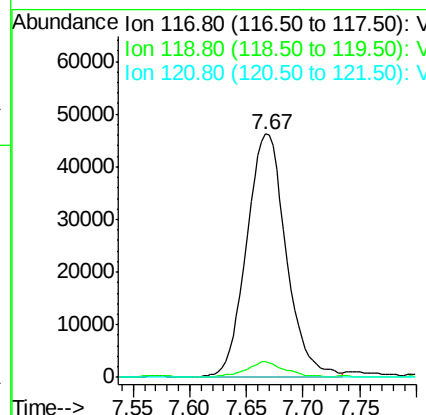
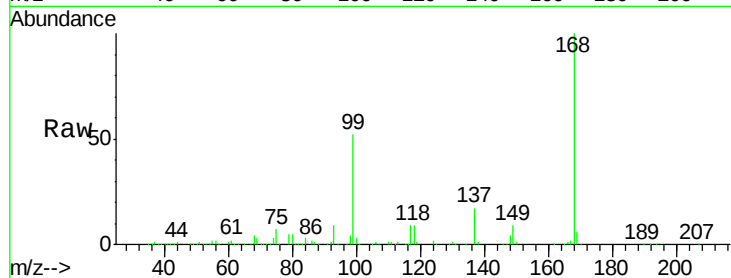




#38
Carbon Tetrachloride
Concen: 5.09 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049655.D
Acq: 30 Jun 2018 18:44

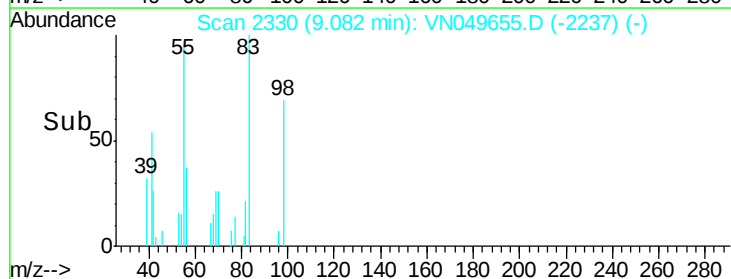
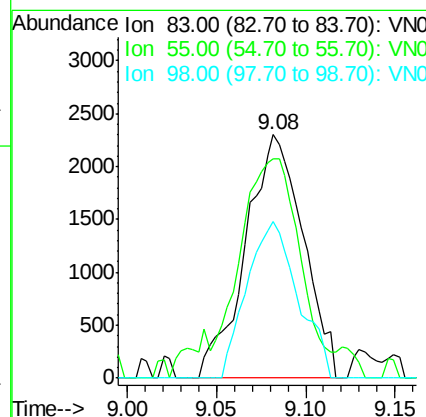
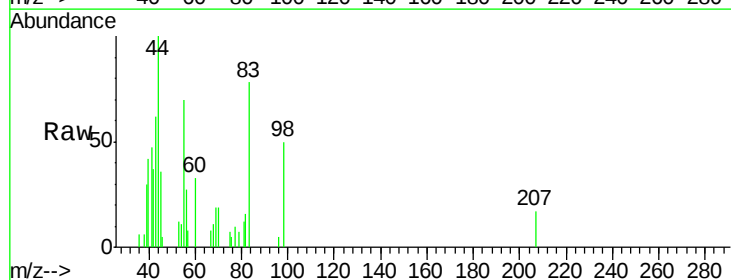
Instrument :
MSVOA_N
ClientSampled :

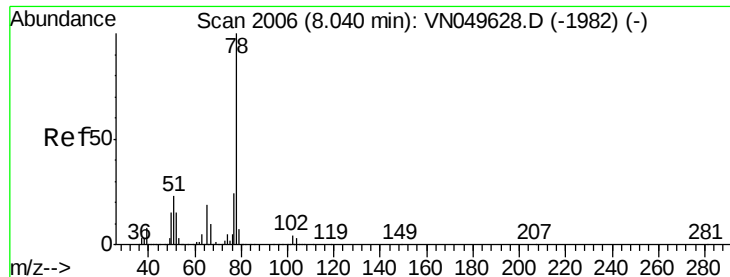
Tot Ion:117 Resp: 112908
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 0.21 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049655.D
Acq: 30 Jun 2018 18:44

Tgt Ion: 83 Resp: 5179
Ion Ratio Lower Upper
83 100
55 78.8 59.7 89.5
98 64.3 36.5 54.7#





#40

Benzene

Concen: 0.50 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

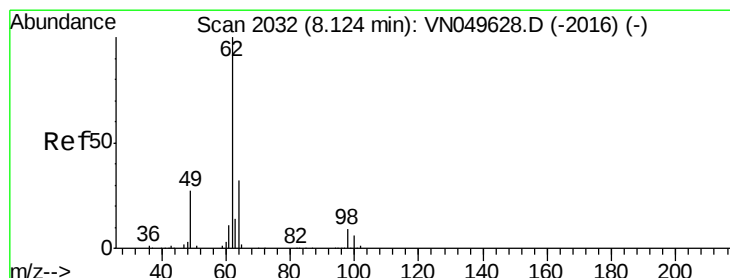
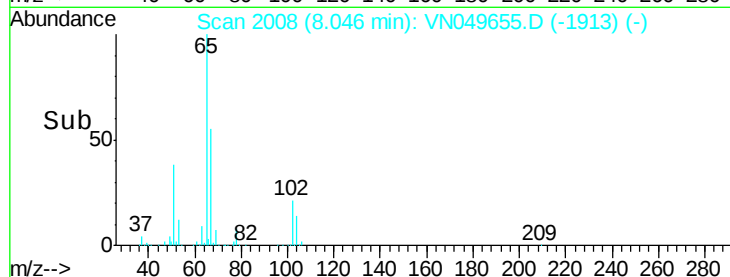
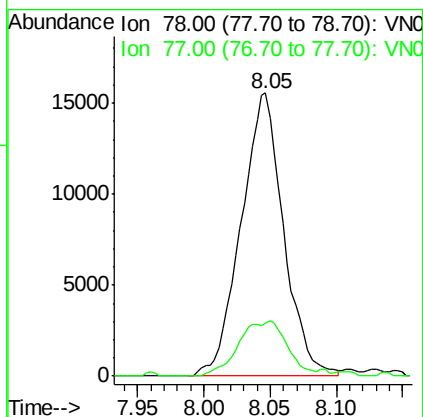
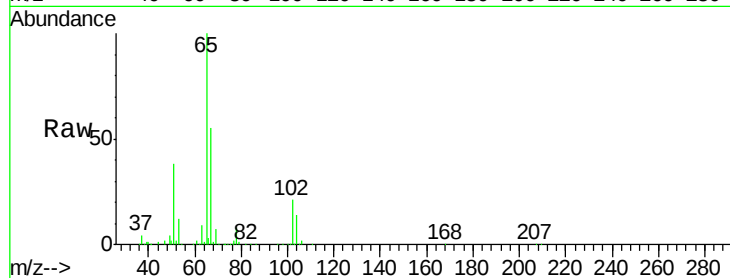
ClientSampled :

Tot Ion: 78 Resp: 34618

Ion Ratio Lower Upper

78 100

77 18.6 19.0 28.4#



#42

1,2-Dichloroethane

Concen: 2.12 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN049655.D

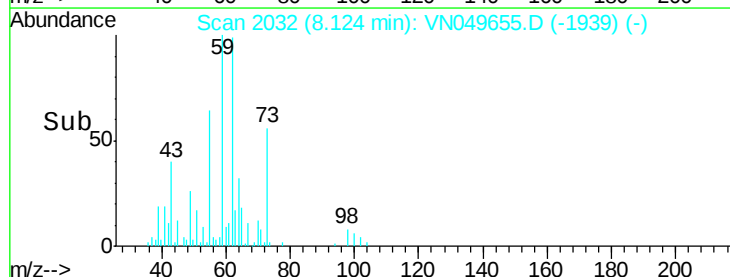
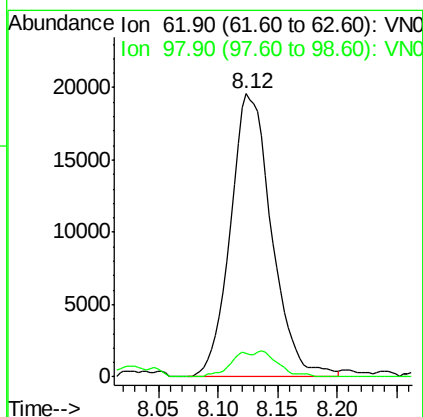
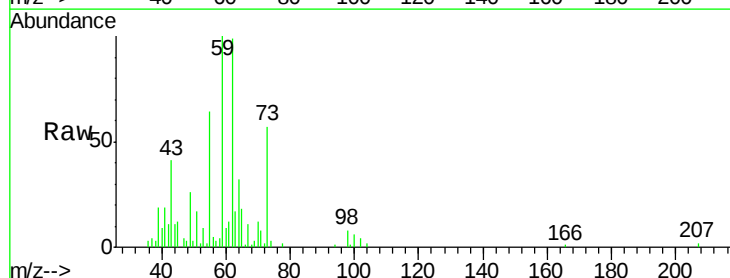
Acq: 30 Jun 2018 18:44

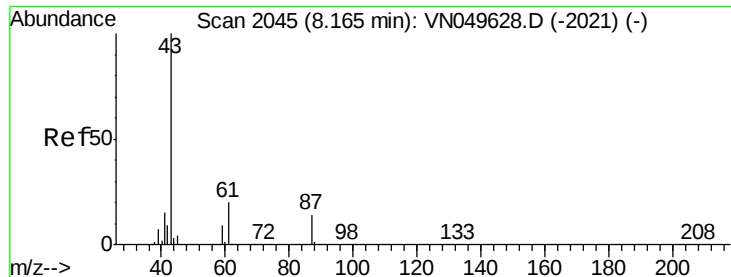
Tgt Ion: 62 Resp: 47080

Ion Ratio Lower Upper

62 100

98 4.4 0.0 19.0





#43

Isopropyl Acetate

Concen: 0.53 ug/l

RT: 8.14 min Scan# 2036

Delta R.T. -0.03 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

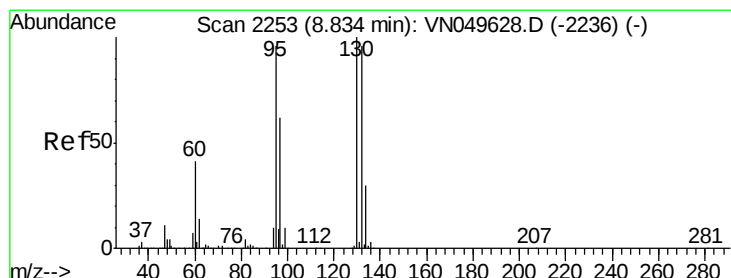
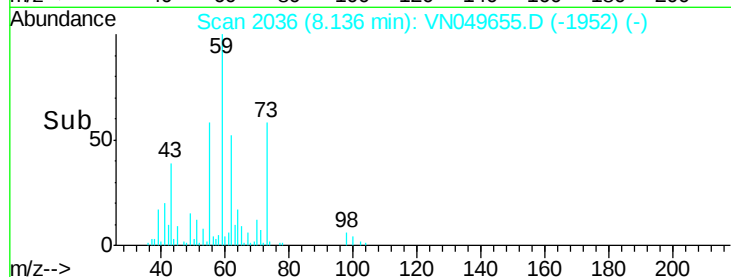
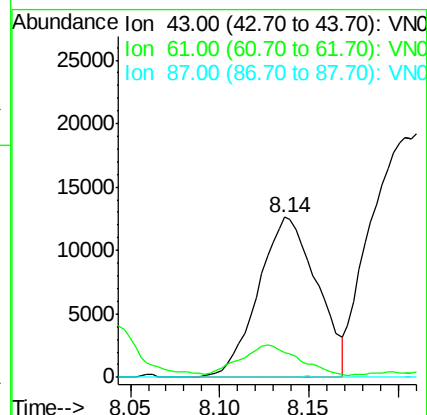
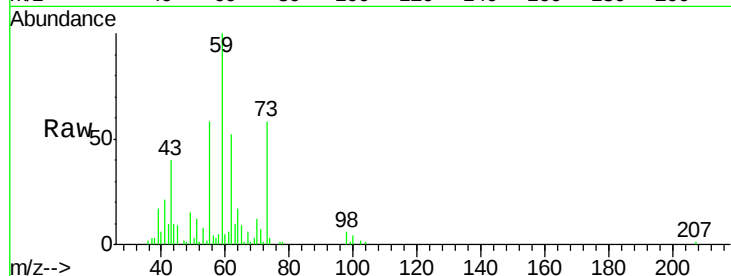
Tot Ion: 43 Resp: 29085

Ion Ratio Lower Upper

43 100

61 18.1 14.9 22.3

87 0.0 10.0 15.0#



#44

Trichloroethene

Concen: 0.71 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049655.D

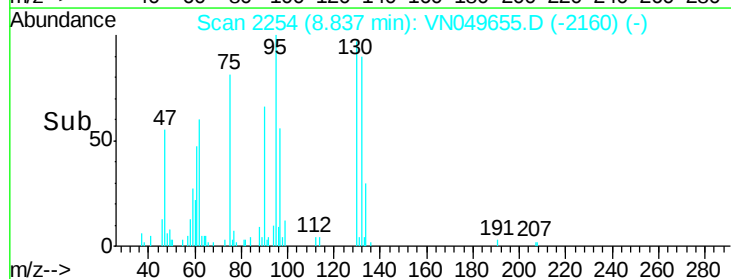
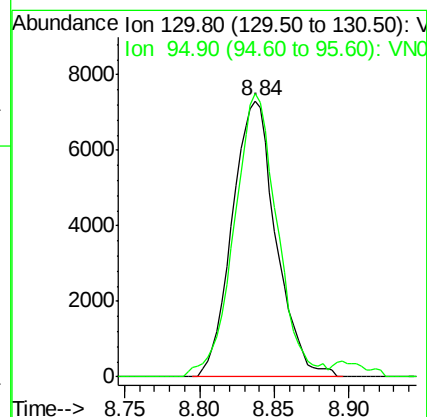
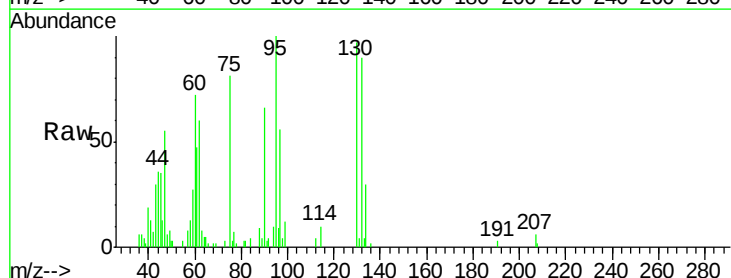
Acq: 30 Jun 2018 18:44

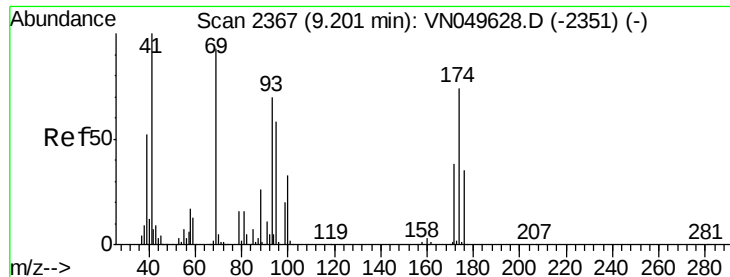
Tgt Ion:130 Resp: 14899

Ion Ratio Lower Upper

130 100

95 99.1 0.0 192.8

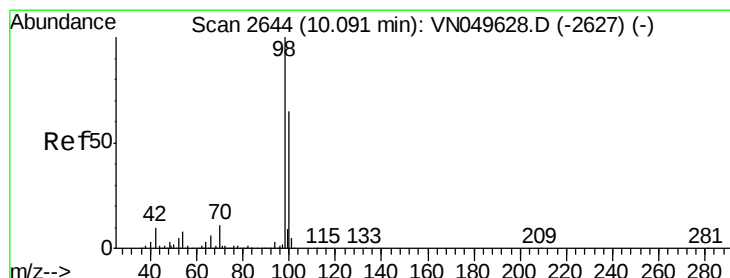
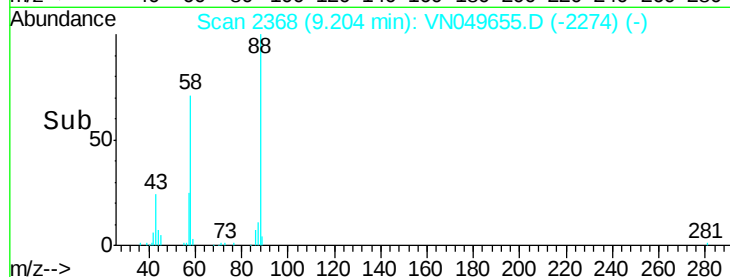
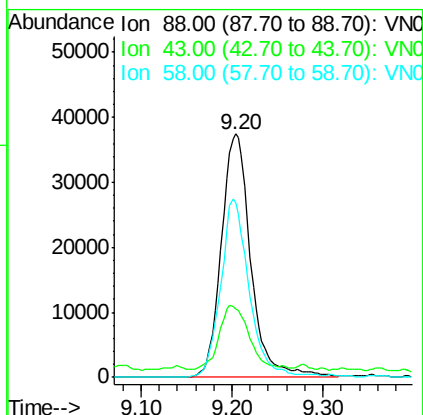
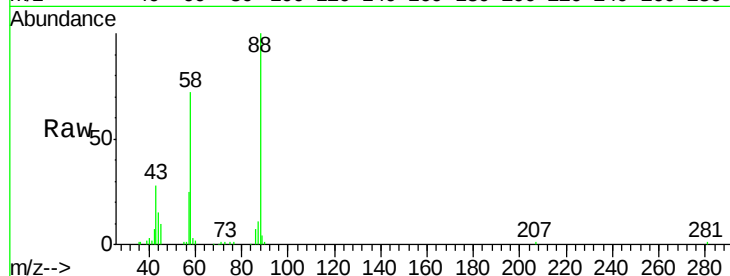




#49
1,4-Dioxane
Concen: 530.50 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049655.D
Acq: 30 Jun 2018 18:44

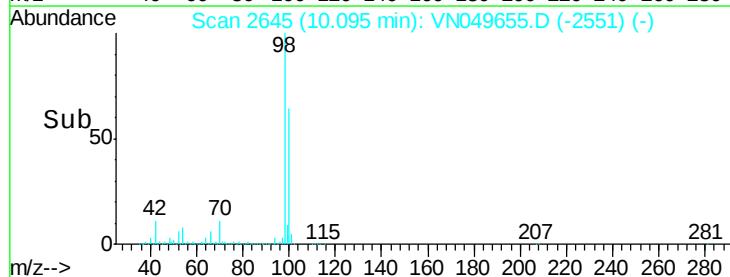
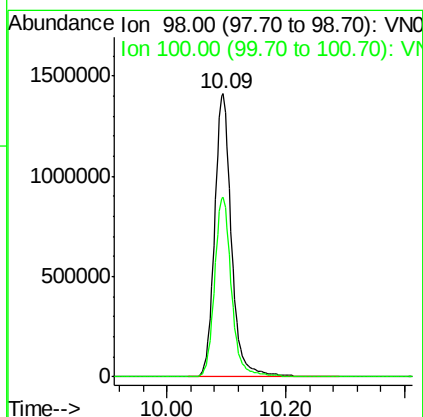
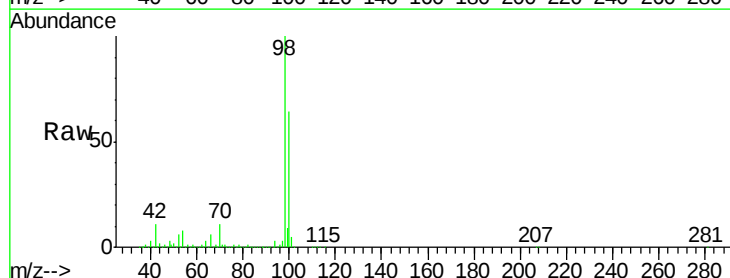
Instrument :
MSVOA_N
ClientSampleId :

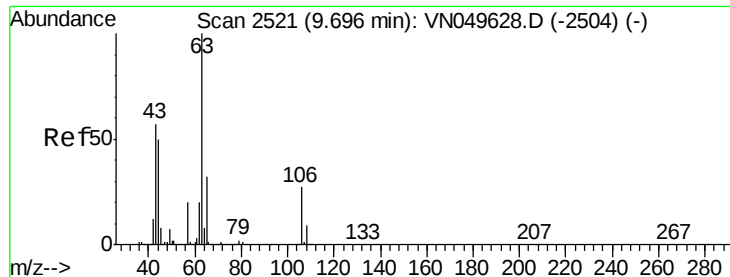
Tot Ion: 88 Resp: 84344
Ion Ratio Lower Upper
88 100
43 26.2 25.1 37.7
58 70.4 52.5 78.7



#50
Toluene-d8
Concen: 46.50 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049655.D
Acq: 30 Jun 2018 18:44

Tgt Ion: 98 Resp: 2759754
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

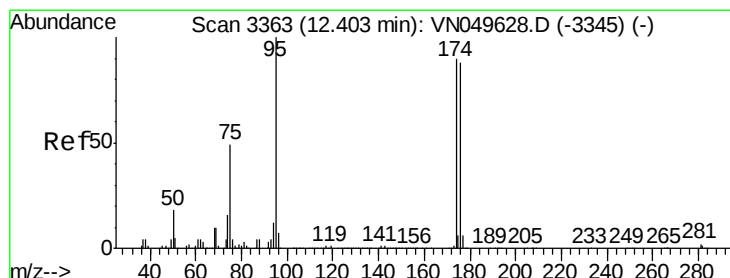
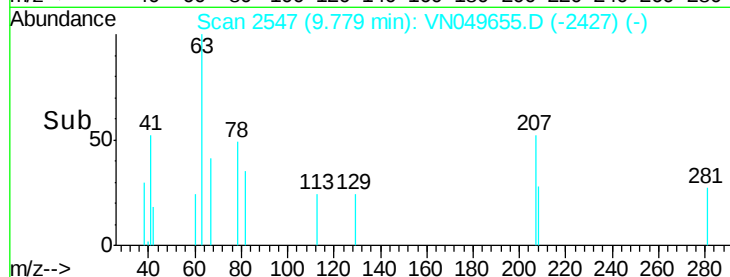
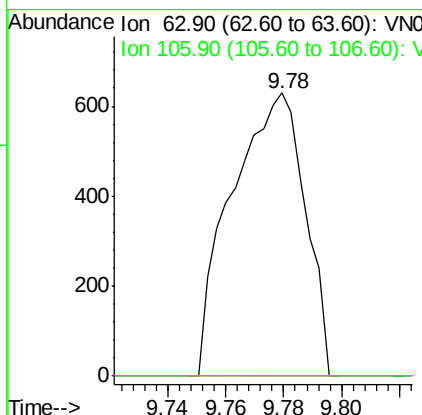
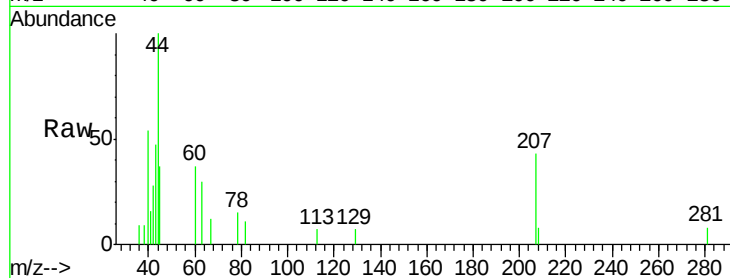




#58
 2-Chloroethyl Vinyl ether
 Concen: 10.93 ug/l
 RT: 9.78 min Scan# 2547
 Delta R.T. 0.08 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

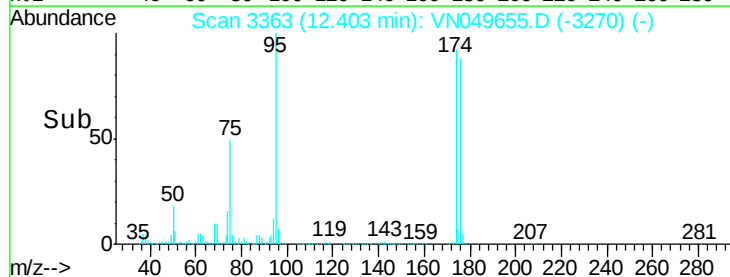
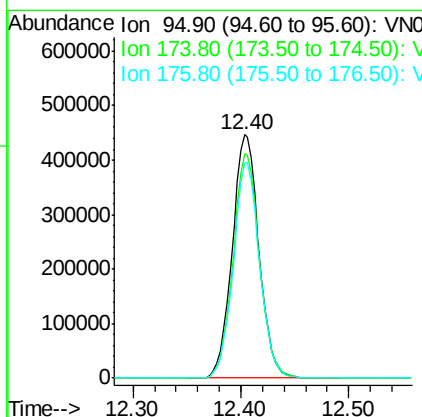
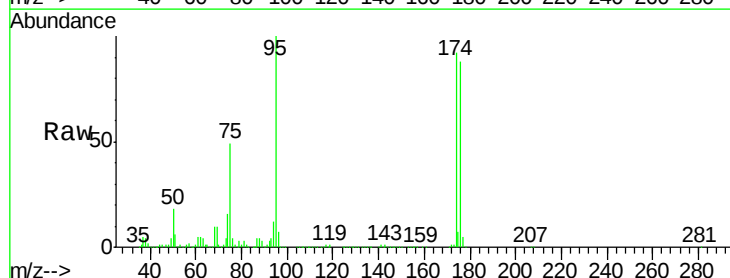
Instrument :
 MSVOA_N
 ClientSampled :

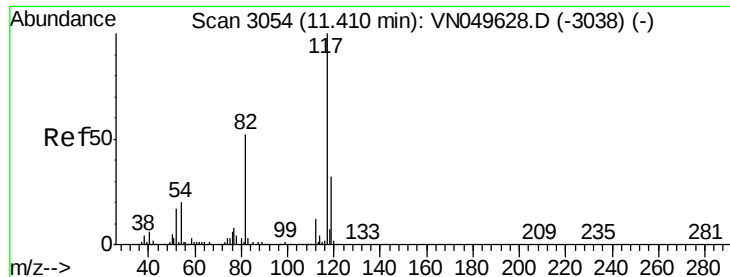
Tot Ion: 63 Resp: 1101
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.8 32.8#



#62
 4-Bromofluorobenzene
 Concen: 37.96 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

Tgt Ion: 95 Resp: 769171
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 179.6
 176 87.5 0.0 174.0

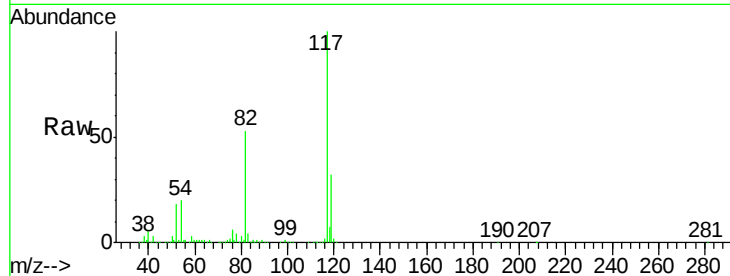




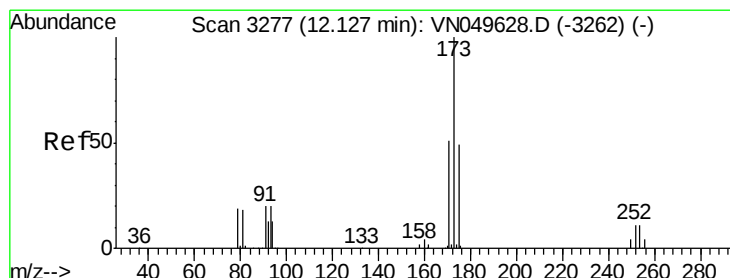
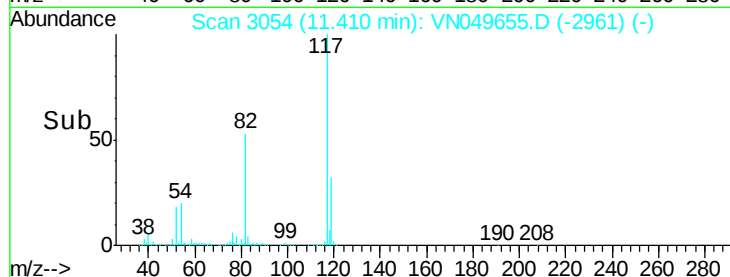
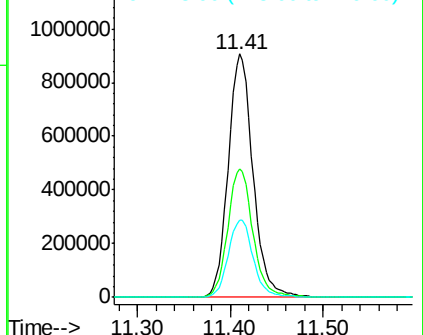
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049655.D
Acq: 30 Jun 2018 18:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1681448
Ion Ratio Lower Upper
117 100
82 53.0 41.9 62.9
119 31.7 25.4 38.2

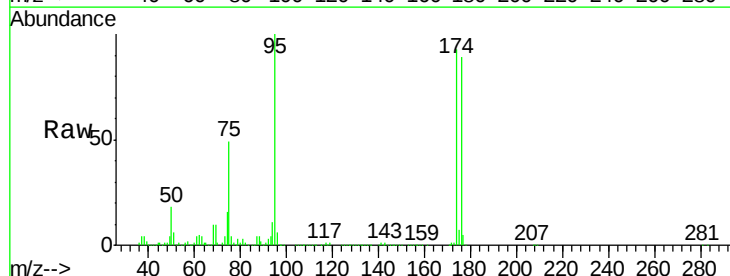


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

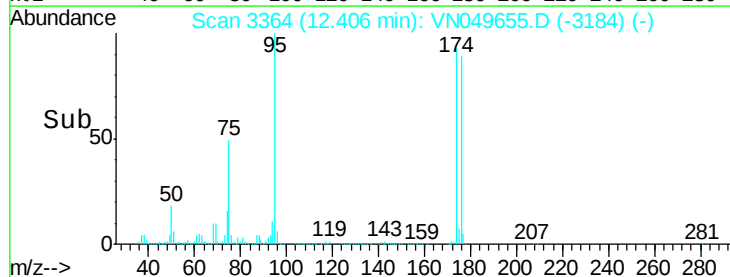
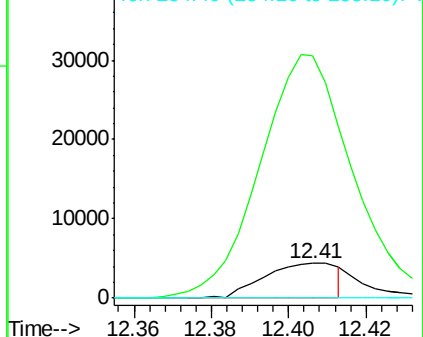


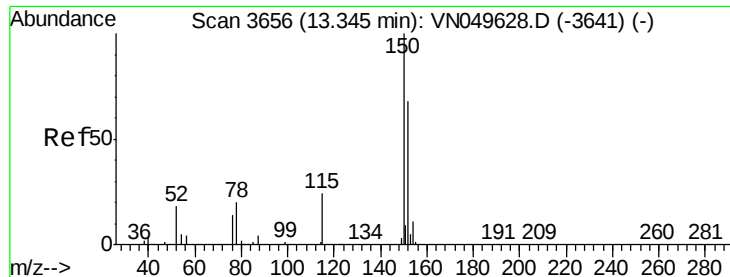
#71
Bromoform
Concen: 0.55 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049655.D
Acq: 30 Jun 2018 18:44

Tgt Ion:173 Resp: 5778
Ion Ratio Lower Upper
173 100
175 708.9 24.6 73.8#
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

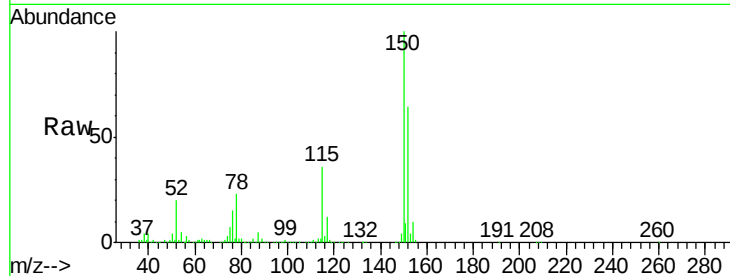




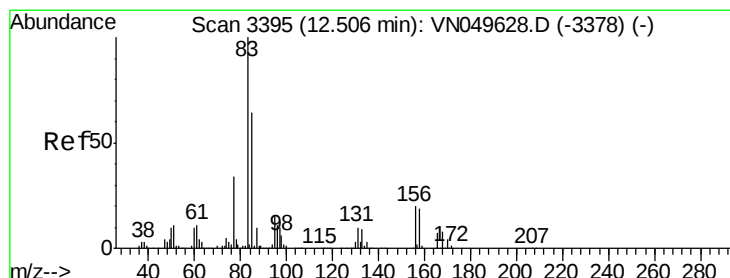
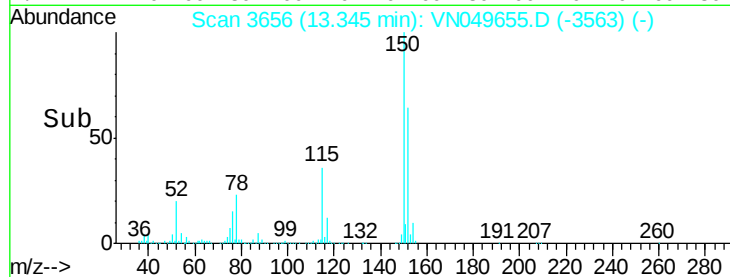
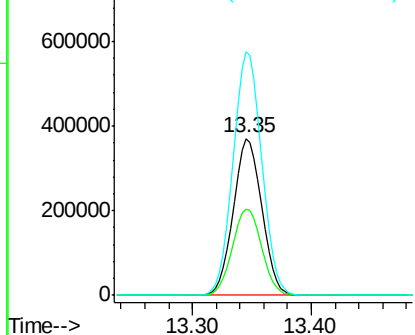
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 615603
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.1 84.2
 150 156.3 0.0 347.6

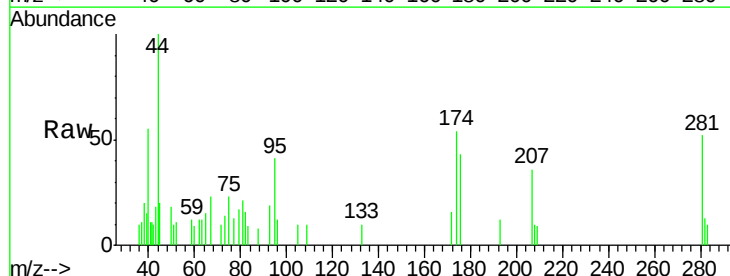


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

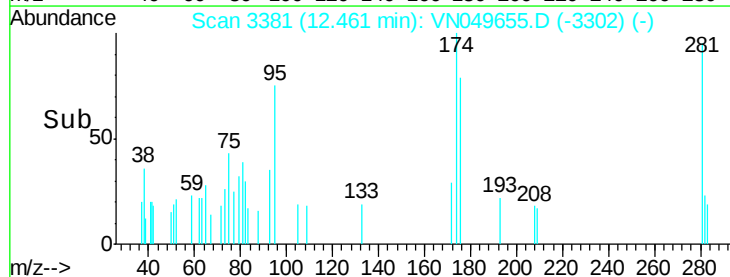
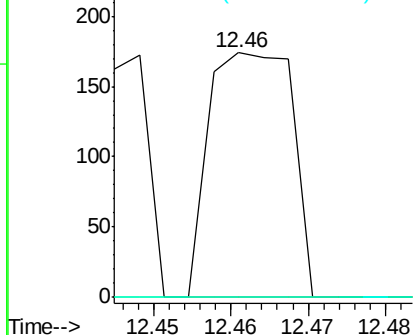


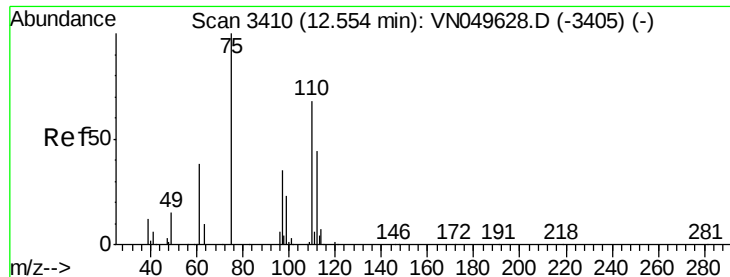
#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.46 min Scan# 3381
 Delta R.T. -0.05 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

Tgt Ion: 83 Resp: 130
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.2 15.6#
 85 0.0 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): VNO
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 37.91 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

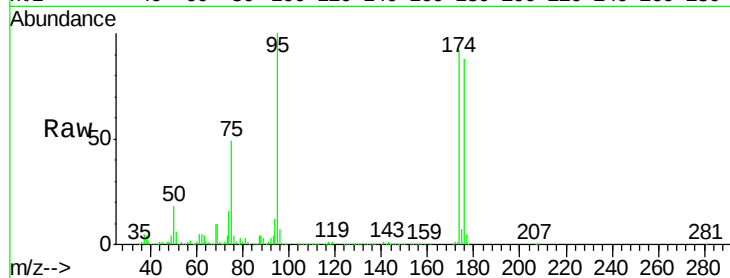
ClientSampleId :

Tot Ion: 75 Resp: 374284

Ion Ratio Lower Upper

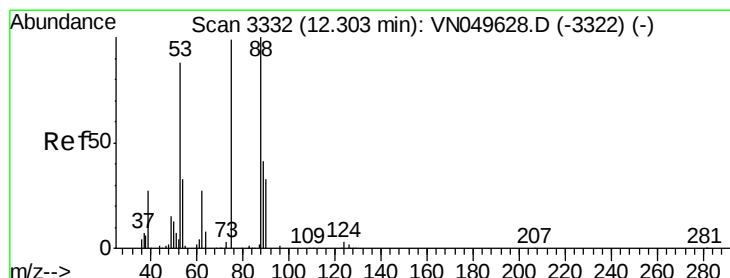
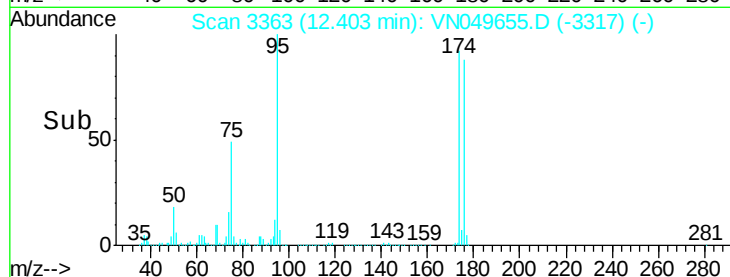
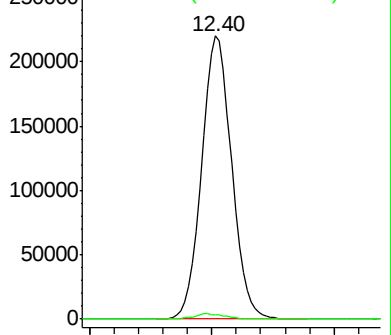
75 100

77 2.1 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: 128.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

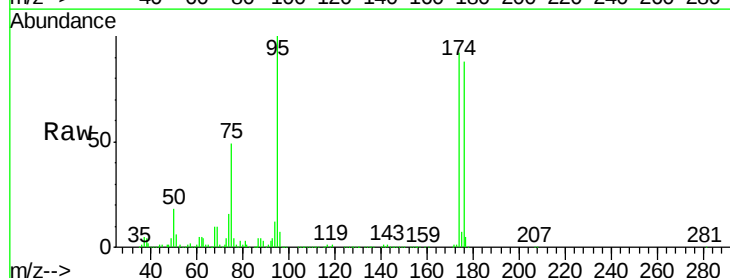
Tgt Ion: 75 Resp: 374284

Ion Ratio Lower Upper

75 100

53 2.3 73.9 110.9#

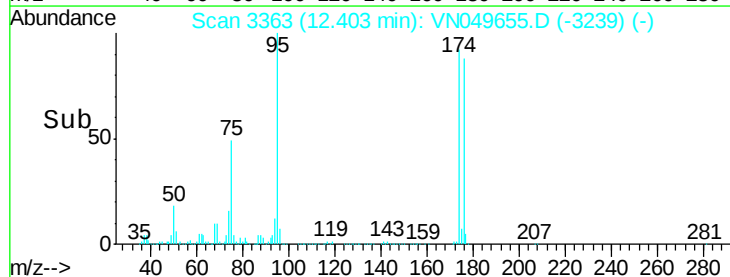
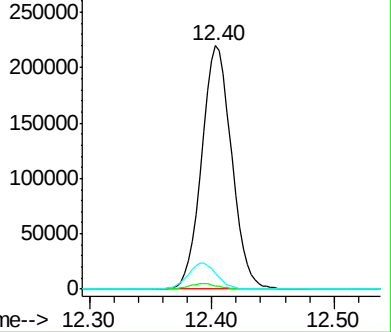
89 10.5 35.9 53.9#

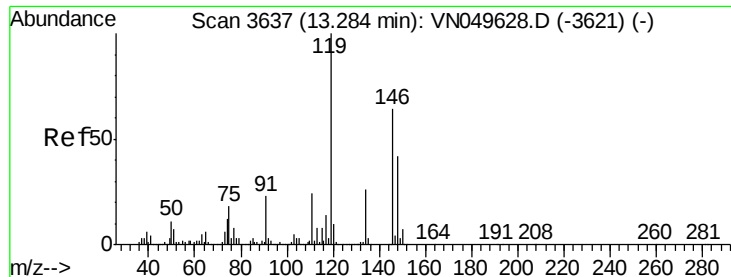


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

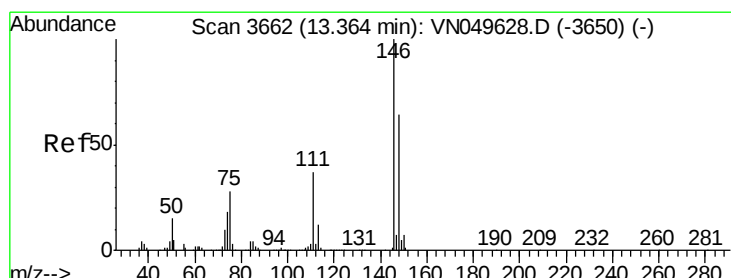
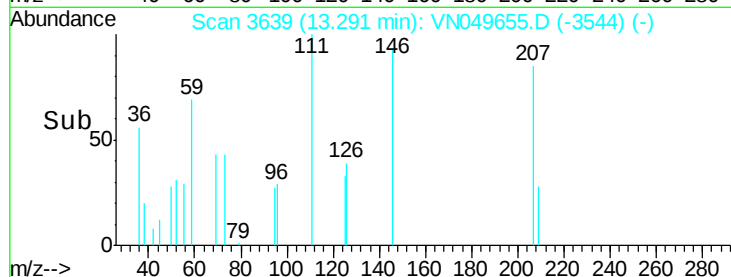
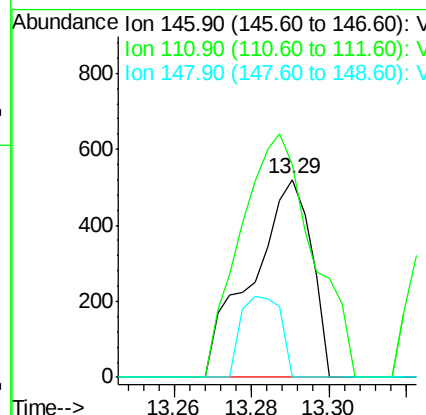
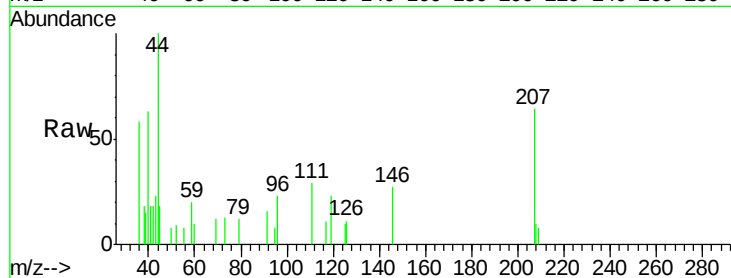




#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.01 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

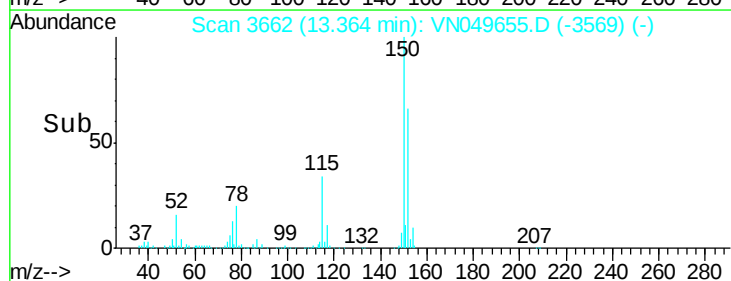
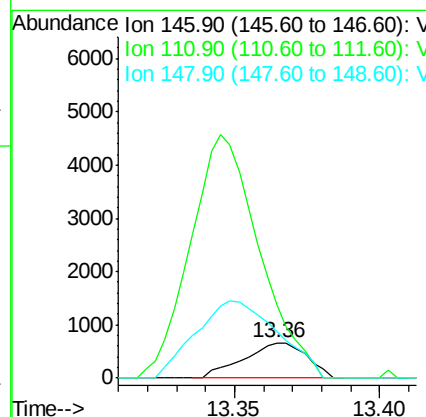
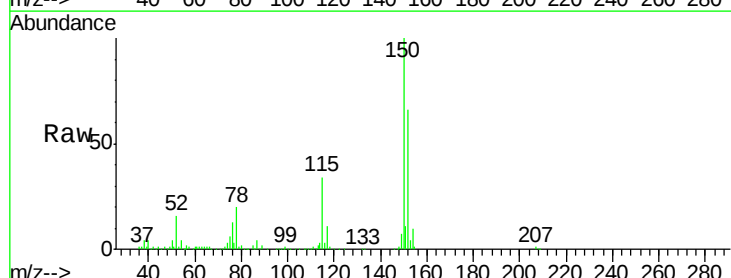
Instrument :
 MSVOA_N
 ClientSampled :

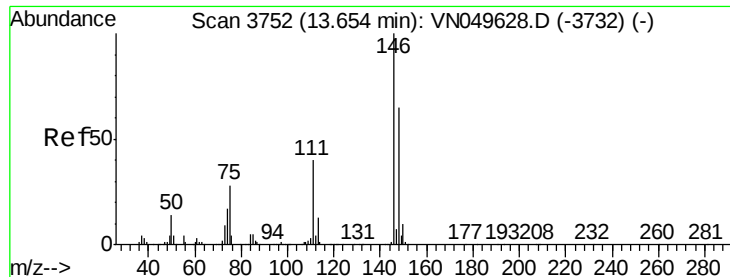
Tot Ion:146 Resp: 558
 Ion Ratio Lower Upper
 146 100
 111 148.4 19.0 57.0#
 148 27.1 32.5 97.5#



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

Tgt Ion:146 Resp: 1007
 Ion Ratio Lower Upper
 146 100
 111 750.5 18.9 56.5#
 148 284.0 32.1 96.3#

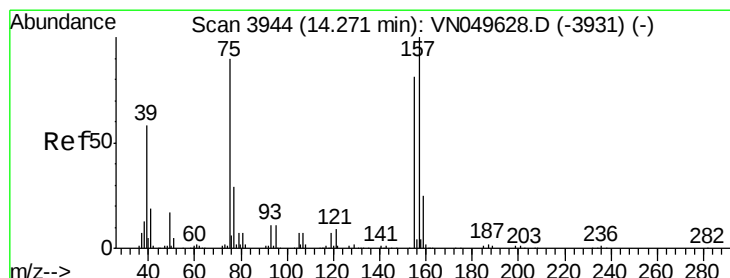
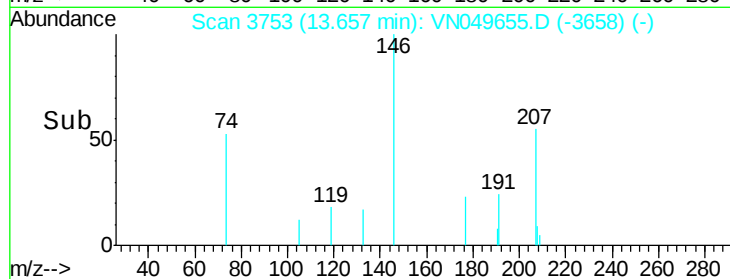
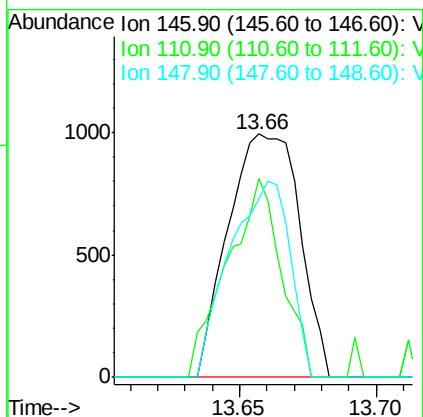
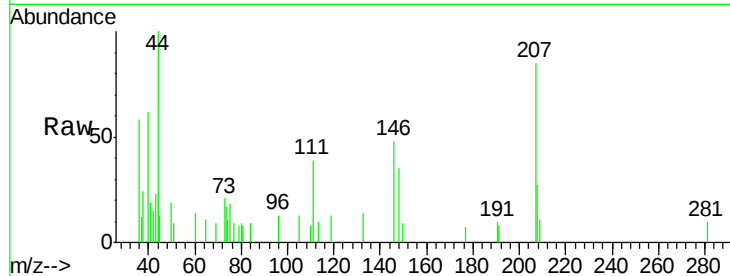




#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

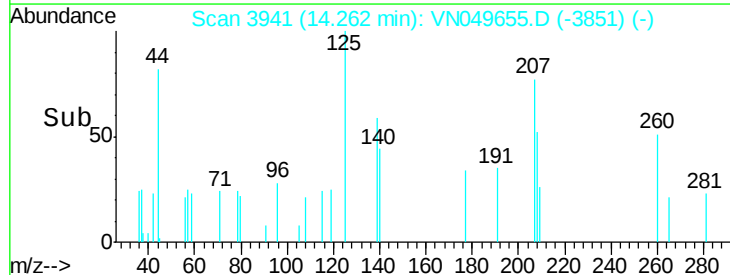
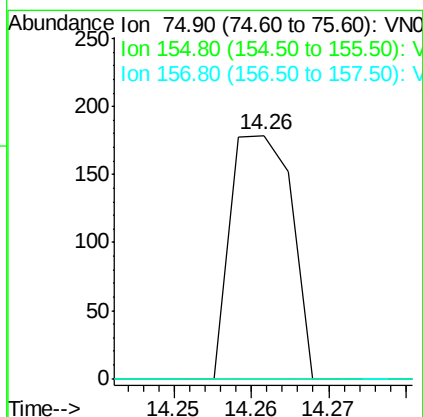
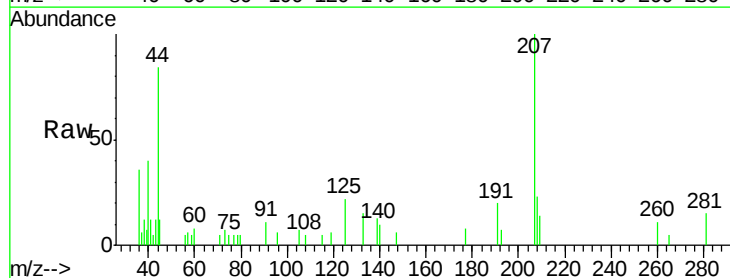
Instrument :
 MSVOA_N
 ClientSampled :

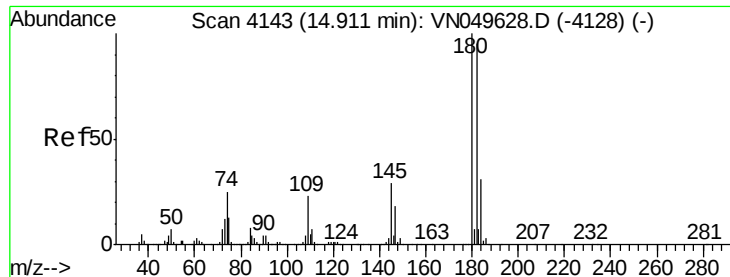
Tot Ion:146 Resp: 1806
 Ion Ratio Lower Upper
 146 100
 111 62.1 19.7 59.1#
 148 68.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3941
 Delta R.T. -0.01 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

Tgt Ion: 75 Resp: 98
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.7 137.1#
 157 0.0 56.9 170.7#

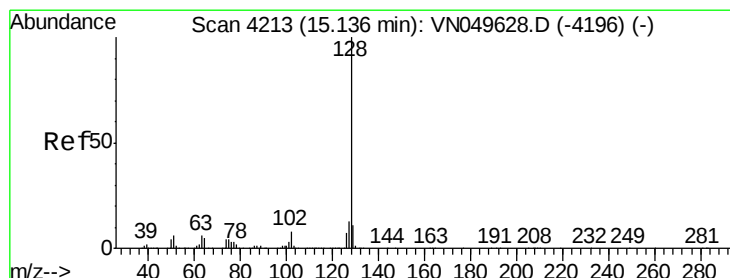
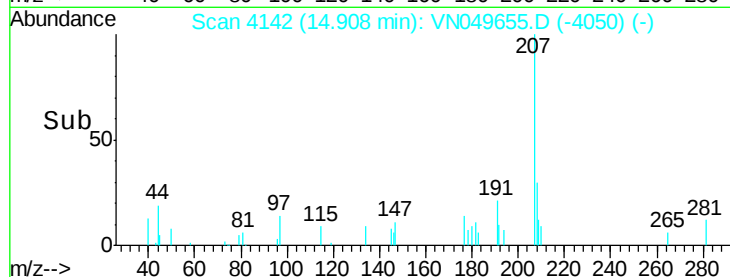
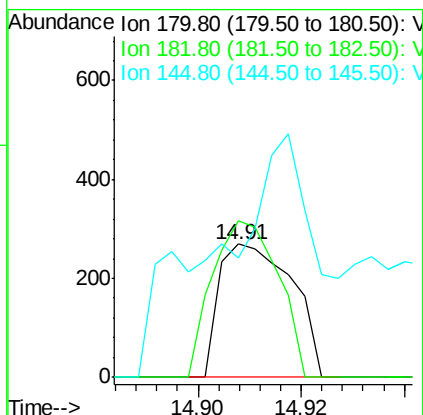
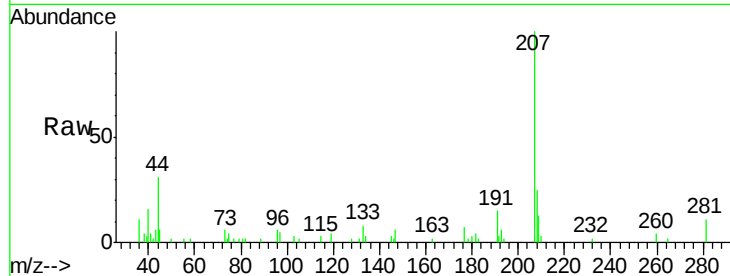




#93
 1,2,4-Trichlorobenzene
 Concen: 2.43 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

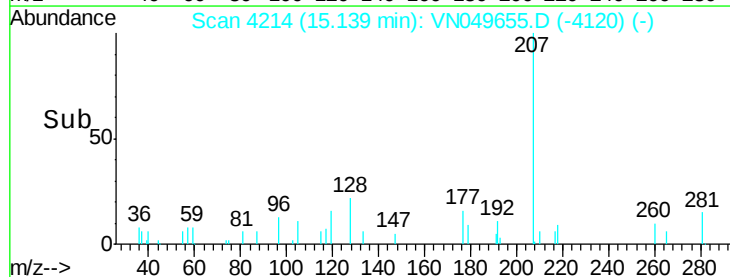
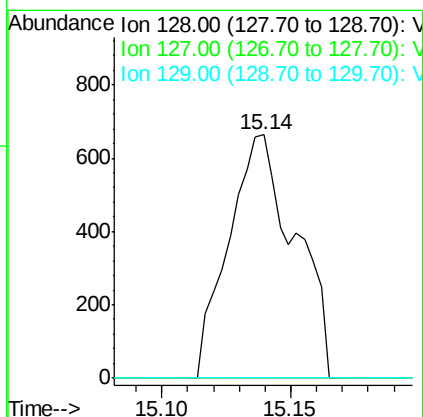
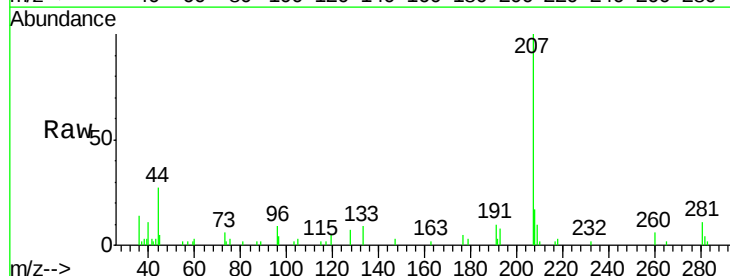
Instrument :
 MSVOA_N
 ClientSampled :

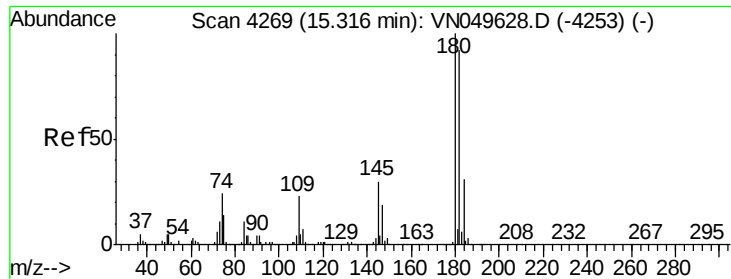
Tot Ion:180 Resp: 263
 Ion Ratio Lower Upper
 180 100
 182 105.7 47.3 141.9
 145 77.9 14.4 43.0#



#95
 Naphthalene
 Concen: 4.08 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

Tgt Ion:128 Resp: 1187
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.66 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.01 min
 Lab File: VN049655.D
 Acq: 30 Jun 2018 18:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	178.5	47.4	142.2#
145	133.7	15.2	45.6#

