

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063018\
 Data File : VN049657.D
 Acq On : 30 Jun 2018 19:36
 Operator : MD\SY
 Sample : J3752-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 02 01:25:51 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	1210971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1915415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1617371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	605097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	808207	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.59	113	711367	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	10.09	98	2633724	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	12.40	95	742530	38.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.60%	

Target Compounds

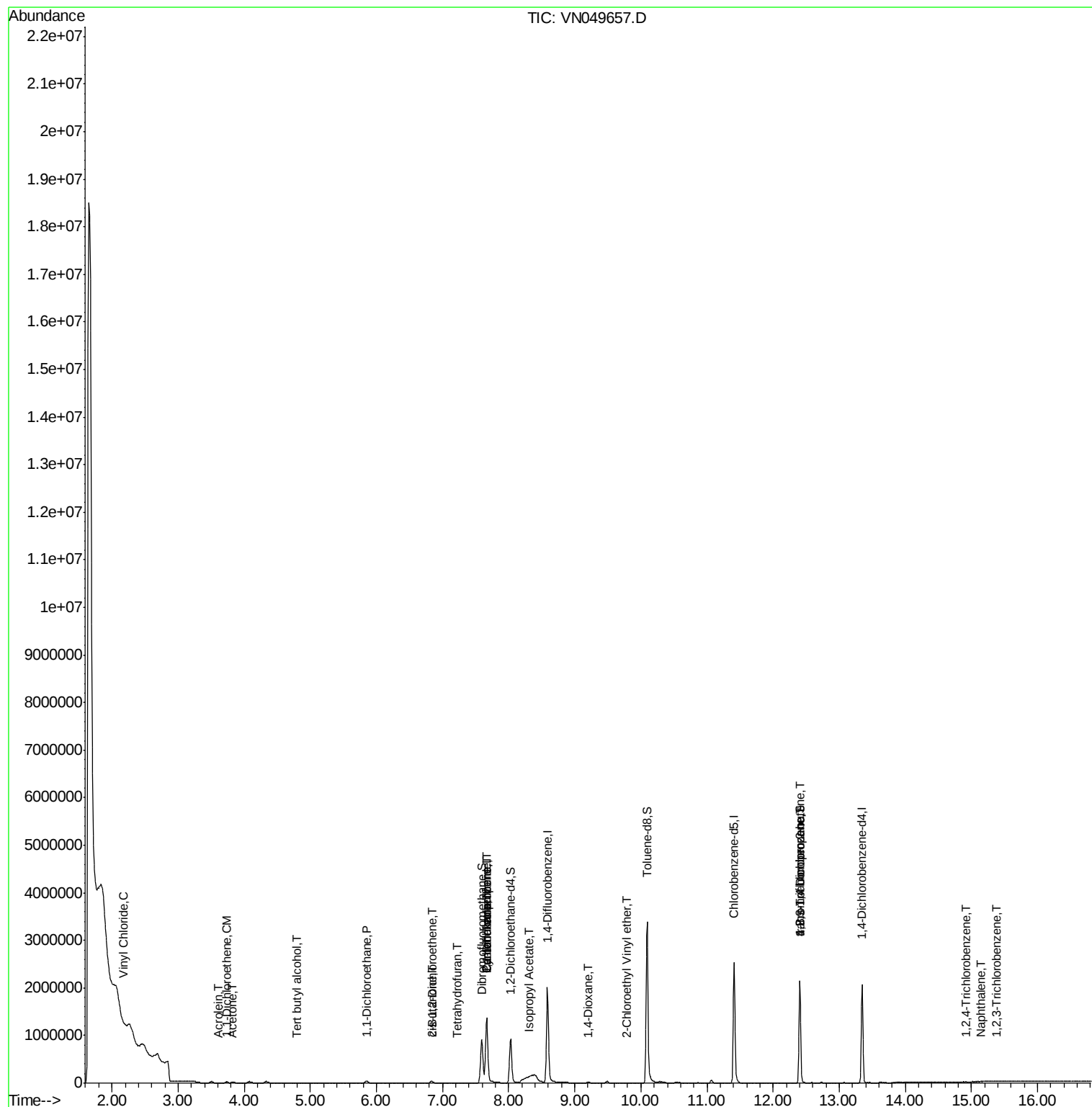
						Qvalue
4) Vinyl Chloride	2.18	62	3969	0.22	ug/l	92
11) Tert butyl alcohol	4.79	59	373	0.41	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	13484	0.95	ug/l	92
13) Acrolein	3.60	56	716	0.84	ug/l #	48
16) Acetone	3.82	43	28776	1.00	ug/l	98
17) Carbon Disulfide	4.05	76	2241	Below Cal	#	73
18) Methyl Acetate	4.33	43	52456	Below Cal		98
24) 1,1-Dichloroethane	5.84	63	53149	1.91	ug/l	99
25) 2-Butanone	6.84	43	1366	0.26	ug/l	97
27) cis-1,2-Dichloroethene	6.84	96	7573	0.46	ug/l	75
29) Tetrahydrofuran	7.21	42	2211	0.65	ug/l #	73
31) Cyclohexane	7.67	56	22726	0.21	ug/l #	4
36) 1,1-Dichloropropene	7.67	75	83910	3.89	ug/l #	50
38) Carbon Tetrachloride	7.67	117	109359	5.22	ug/l #	17
43) Isopropyl Acetate	8.30	43	230447	8.76	ug/l #	62
49) 1,4-Dioxane	9.21	88	6612	44.03	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.78	63	112	10.83	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.51	83	96	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	357766	36.87	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	357766	125.21	ug/l #	13
87) 1,3-Dichlorobenzene	13.28	146	157	Below Cal	#	25
88) 1,4-Dichlorobenzene	13.36	146	646	Below Cal	#	1
91) 1,2-Dichlorobenzene	13.66	146	290	Below Cal	#	43
92) 1,2-Dibromo-3-Chloropropan	14.29	75	31	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.92	180	364	2.44	ug/l #	13
94) Hexachlorobutadiene	15.02	225	29	Below Cal	#	1
95) Naphthalene	15.14	128	810	4.07	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.37	180	30	1.65	ug/l #	12

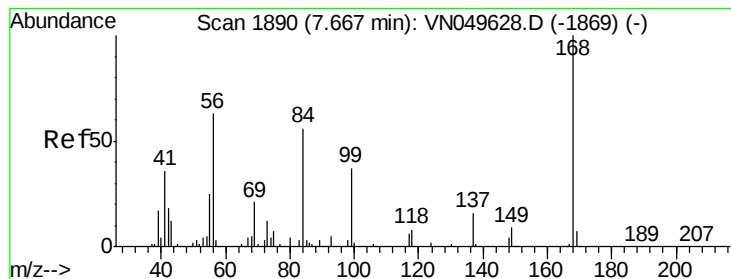
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

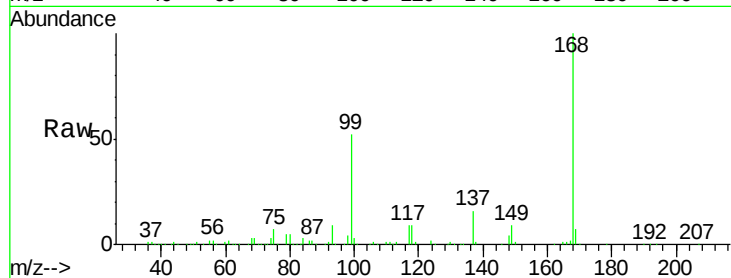
ClientSampleId :

Tot Ion:168 Resp: 1210971

Ion Ratio Lower Upper

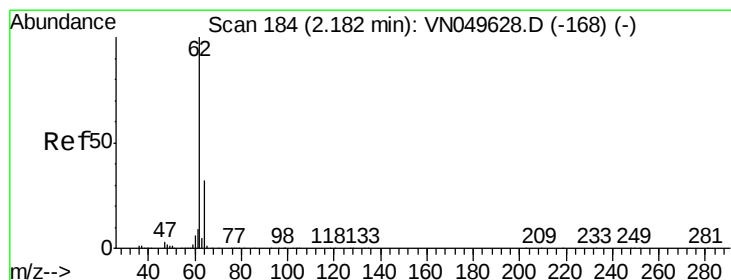
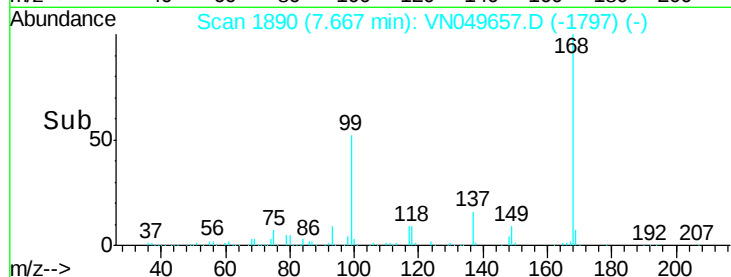
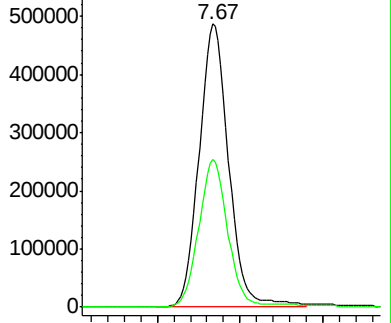
168 100

99 52.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 0.22 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049657.D

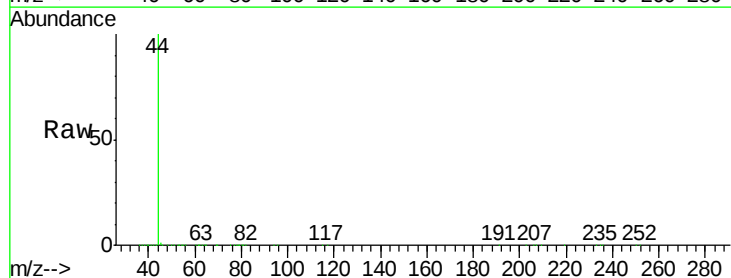
Acq: 30 Jun 2018 19:36

Tgt Ion: 62 Resp: 3969

Ion Ratio Lower Upper

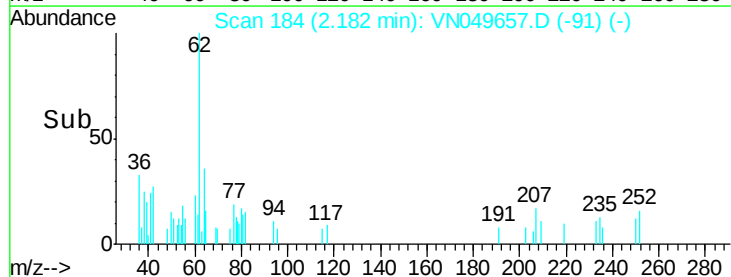
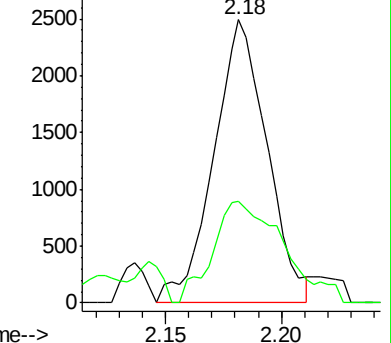
62 100

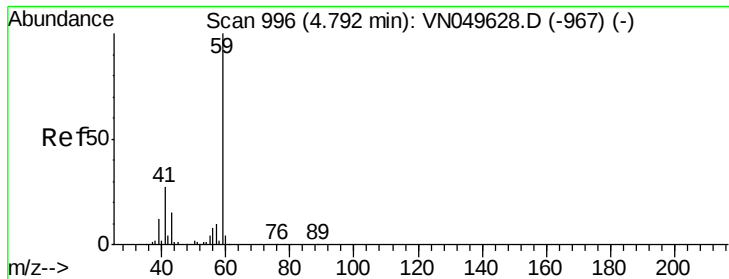
64 27.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



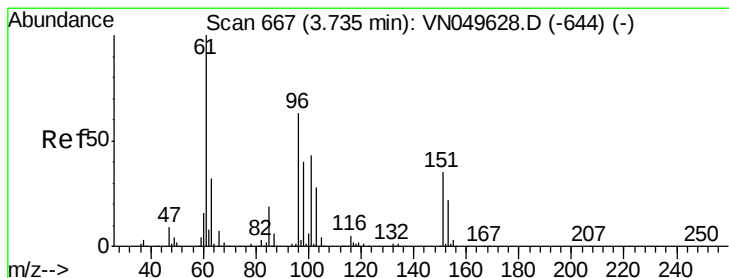
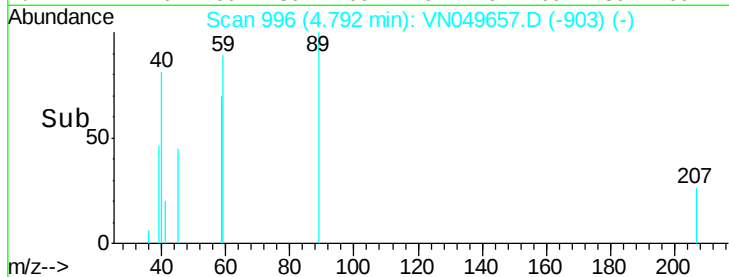
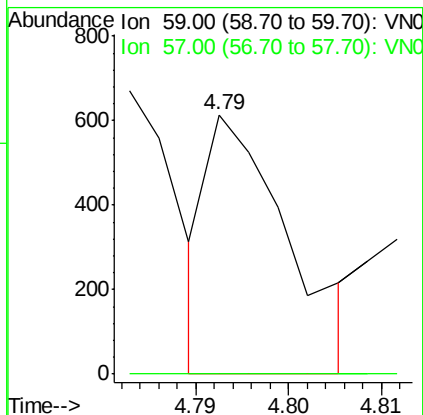
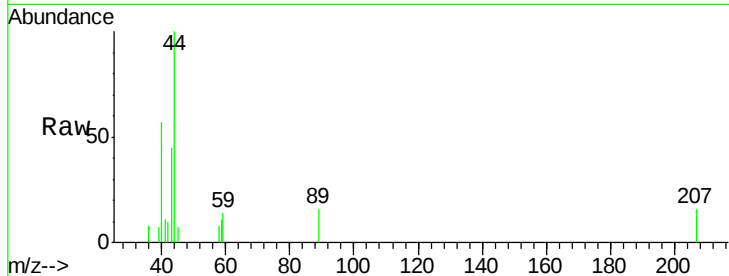


#11

Tert butyl alcohol
 Concen: 0.41 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: VN049657.D
 Acq: 30 Jun 2018 19:36

Instrument :
 MSVOA_N
 ClientSampled :

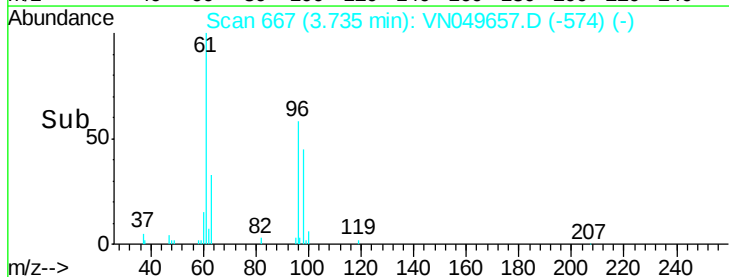
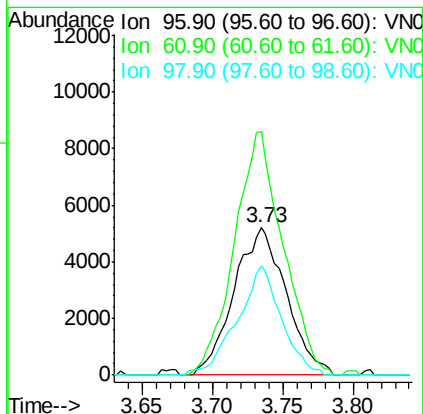
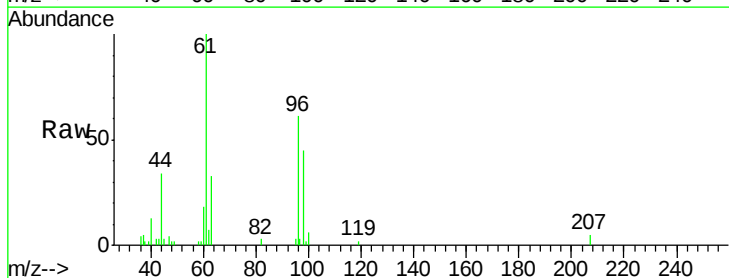
Tot Ion: 59 Resp: 373
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

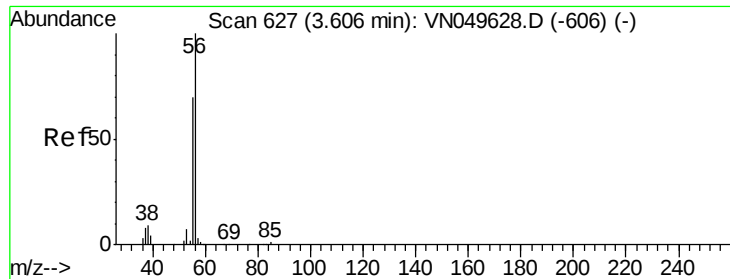


#12

1,1-Dichloroethene
 Concen: 0.95 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN049657.D
 Acq: 30 Jun 2018 19:36

Tgt Ion: 96 Resp: 13484
 Ion Ratio Lower Upper
 96 100
 61 165.0 126.5 189.7
 98 74.4 51.0 76.6





#13

Acrolein

Concen: 0.84 ug/l

RT: 3.60 min Scan# 625

Delta R.T. -0.01 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

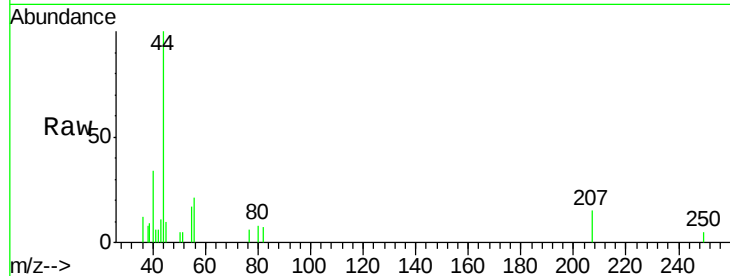
ClientSampled :

Tot Ion: 56 Resp: 716

Ion Ratio Lower Upper

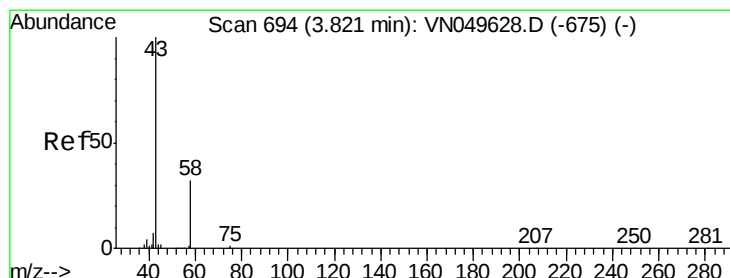
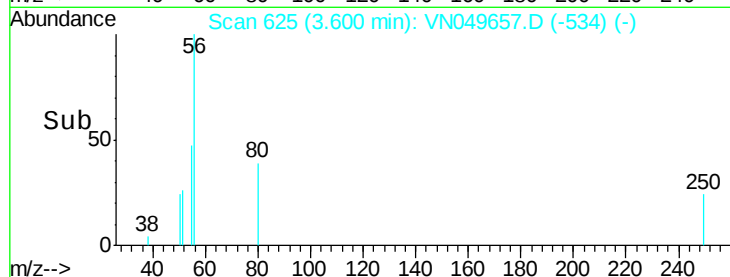
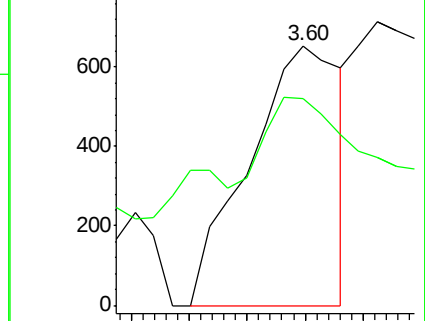
56 100

55 112.3 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 1.00 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049657.D

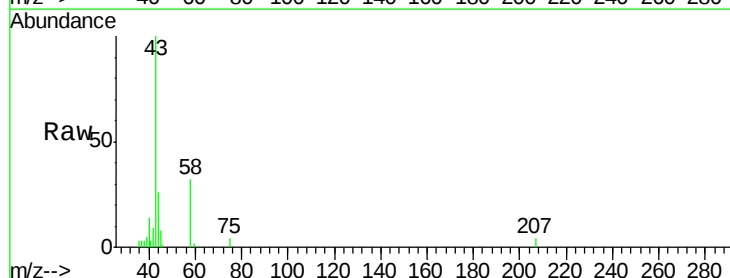
Acq: 30 Jun 2018 19:36

Tgt Ion: 43 Resp: 28776

Ion Ratio Lower Upper

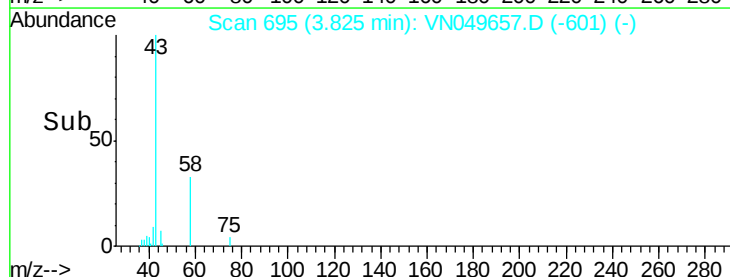
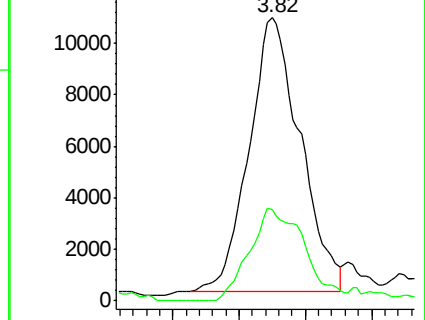
43 100

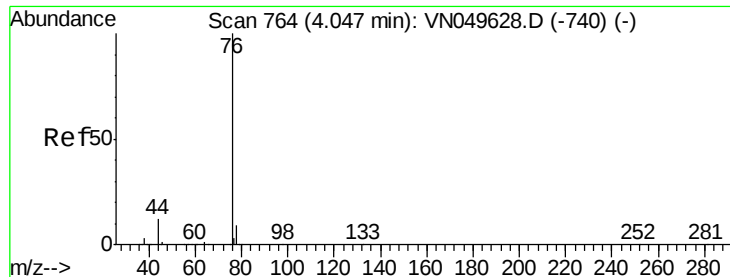
58 33.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

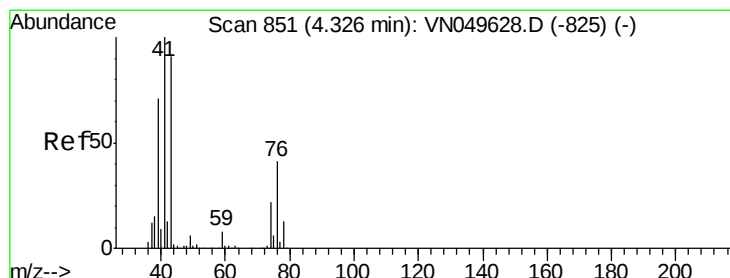
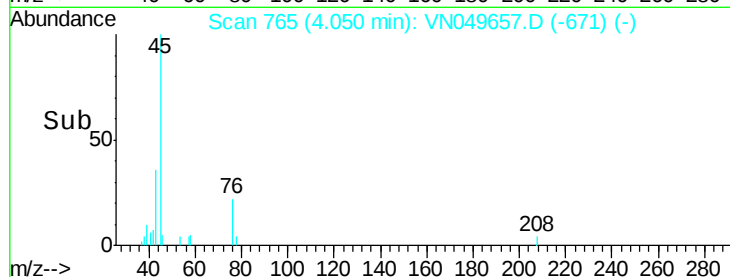
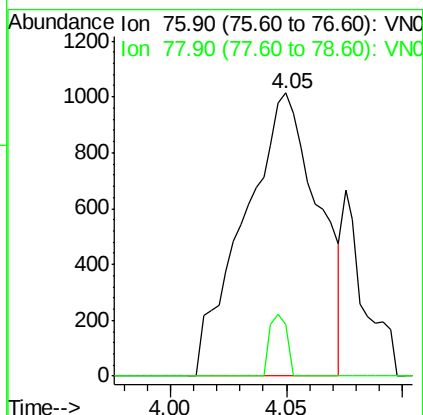
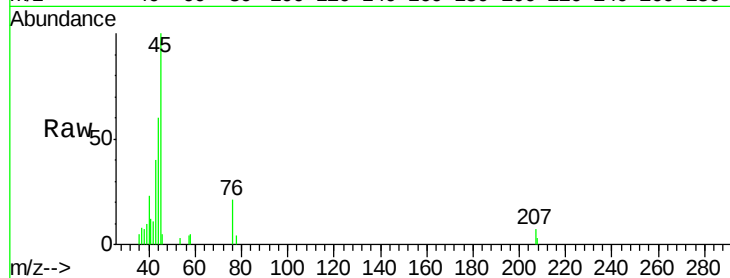




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049657.D
Acq: 30 Jun 2018 19:36

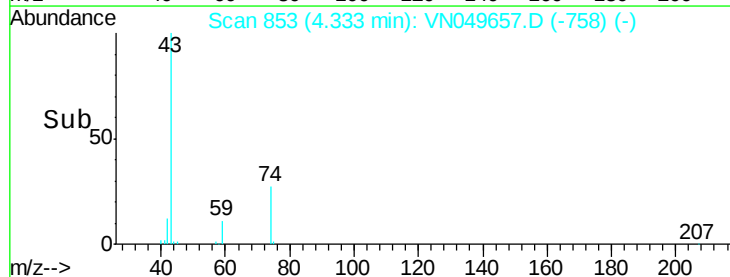
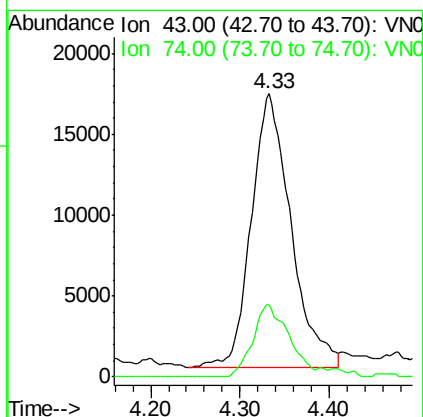
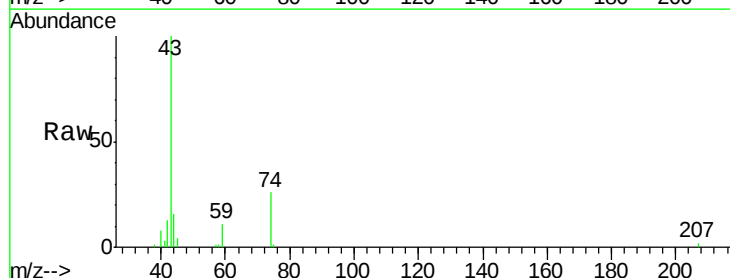
Instrument :
MSVOA_N
ClientSampleId :

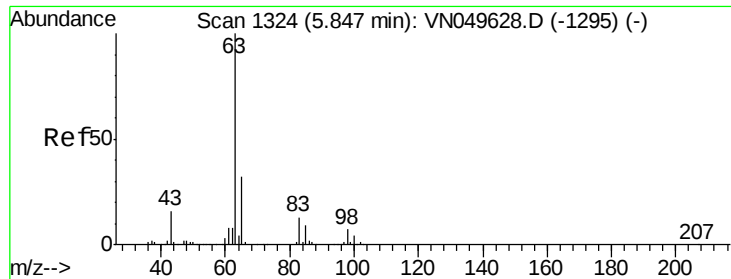
Tot Ion: 76 Resp: 2241
Ion Ratio Lower Upper
76 100
78 18.5 7.1 10.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049657.D
Acq: 30 Jun 2018 19:36

Tgt Ion: 43 Resp: 52456
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.8





#24

1,1-Dichloroethane

Concen: 1.91 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :
MSVOA_N
ClientSampleId :

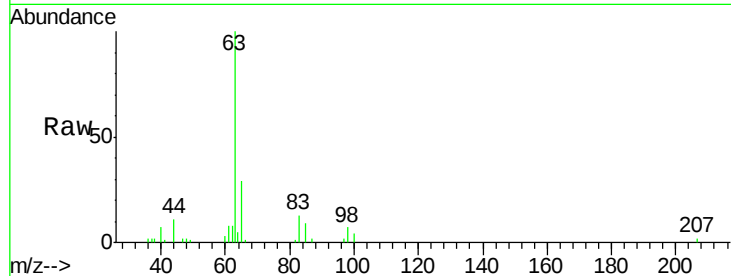
Tot Ion: 63 Resp: 53149

Ion Ratio Lower Upper

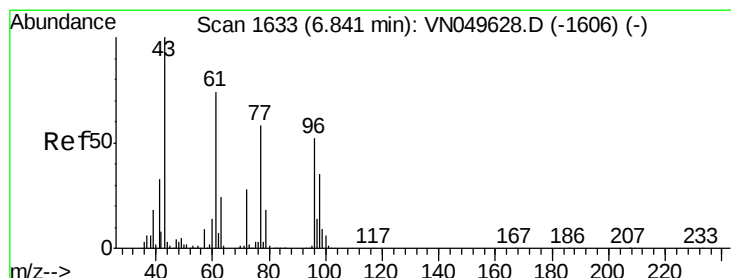
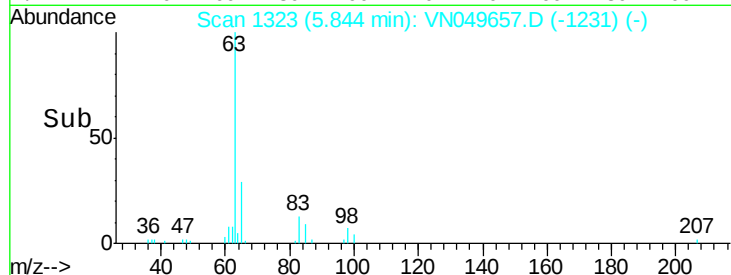
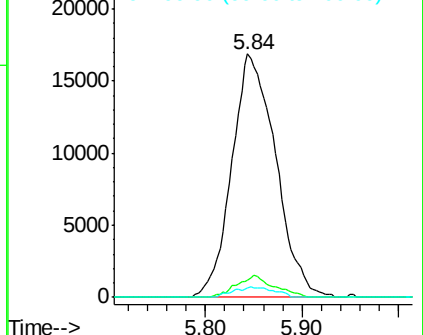
63 100

98 7.3 3.4 10.2

100 4.1 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0



#25

2-Butanone

Concen: 0.26 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049657.D

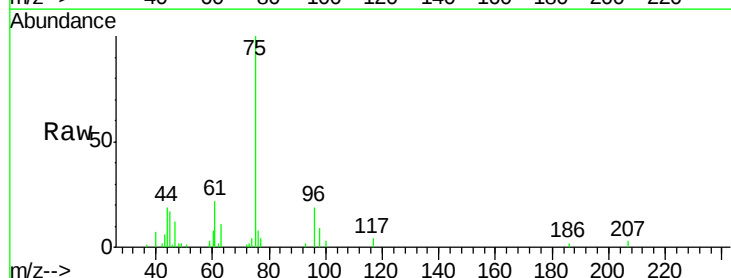
Acq: 30 Jun 2018 19:36

Tgt Ion: 43 Resp: 1366

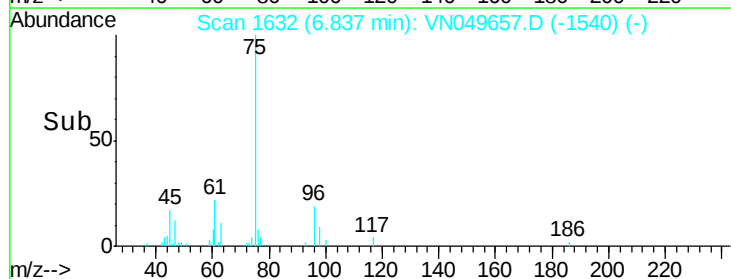
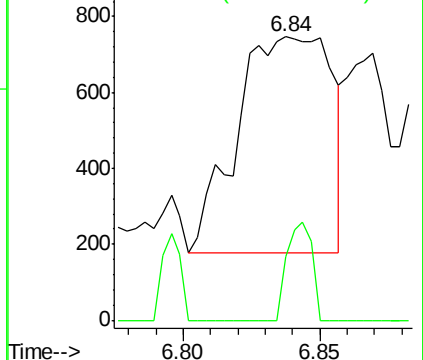
Ion Ratio Lower Upper

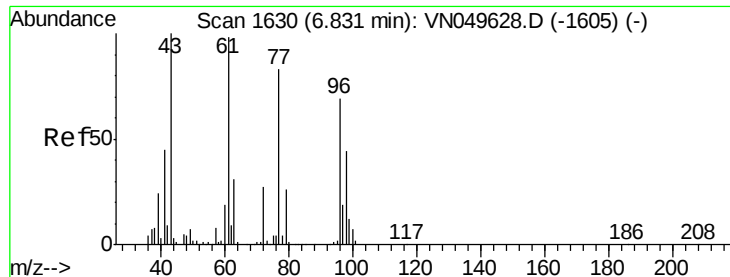
43 100

72 29.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#27

cis-1,2-Dichloroethene

Concen: 0.46 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. 0.01 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :
MSVOA_N
ClientSampled :

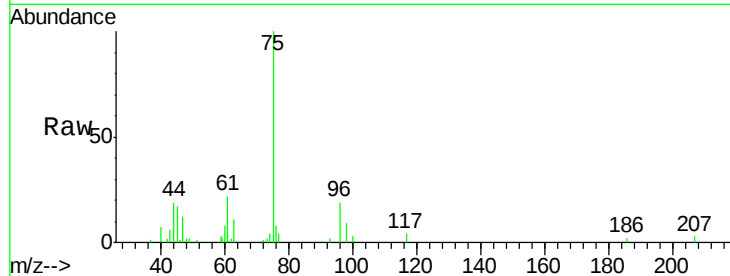
Tot Ion: 96 Resp: 7573

Ion Ratio Lower Upper

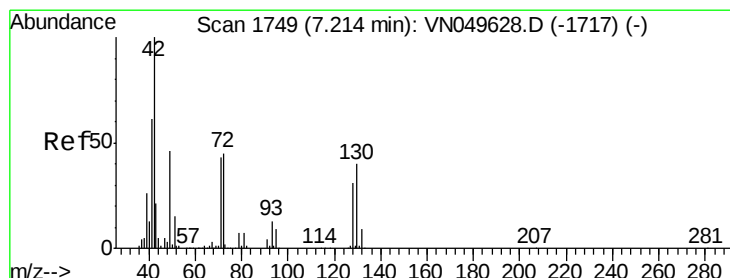
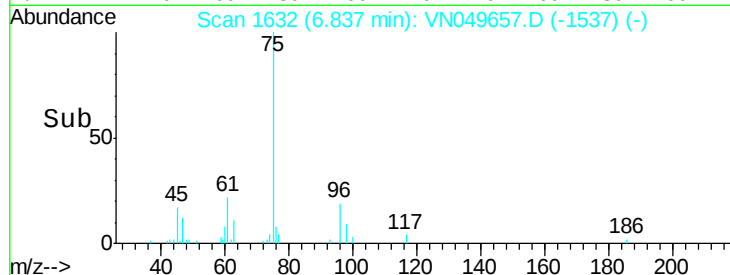
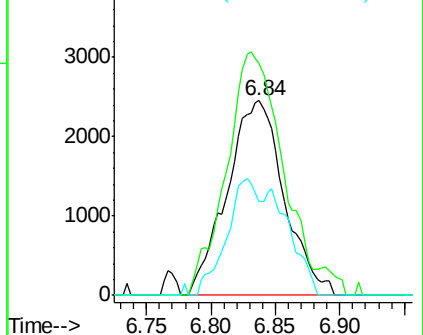
96 100

61 121.9 0.0 289.0

98 32.9 0.0 130.2



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



#29

Tetrahydrofuran

Concen: 0.65 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

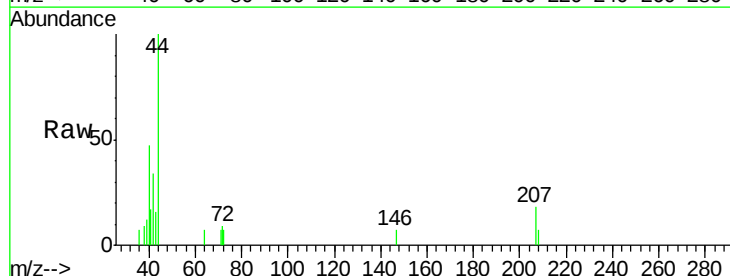
Tgt Ion: 42 Resp: 2211

Ion Ratio Lower Upper

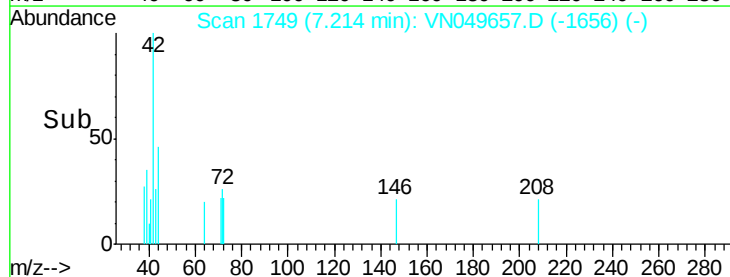
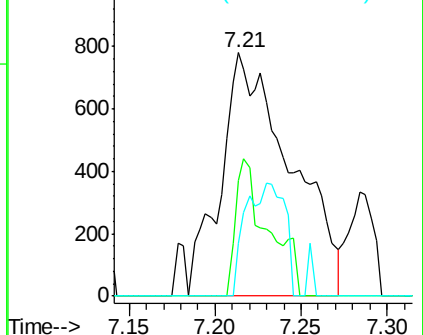
42 100

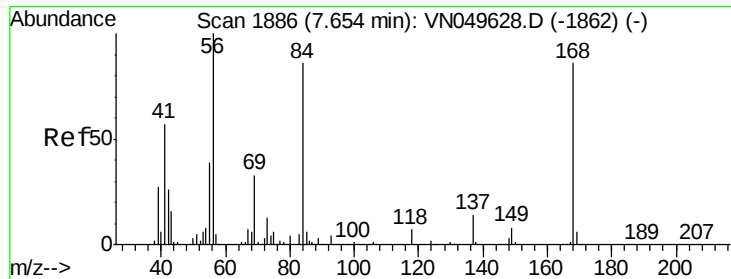
72 25.8 35.6 53.4#

71 25.8 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 0.21 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :
MSVOA_N
ClientSampled :

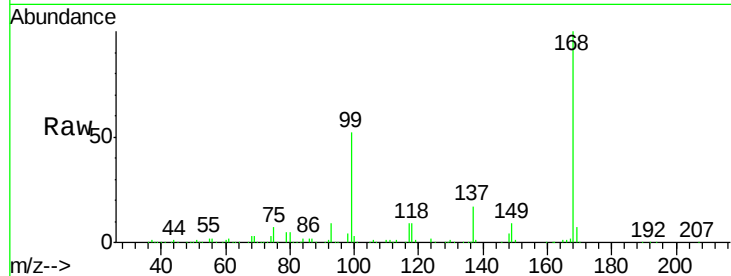
Tot Ion: 56 Resp: 22726

Ion Ratio Lower Upper

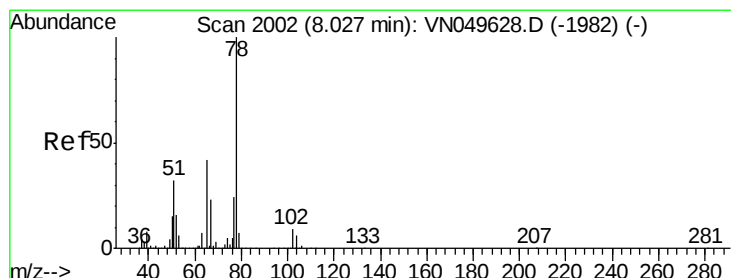
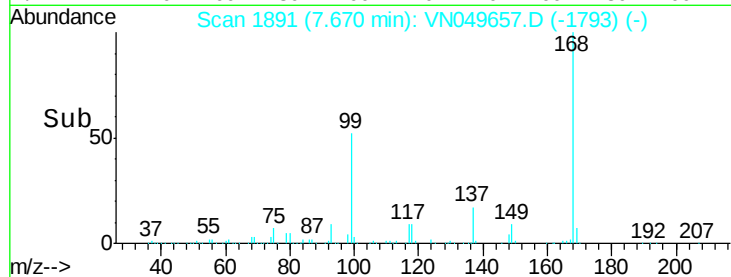
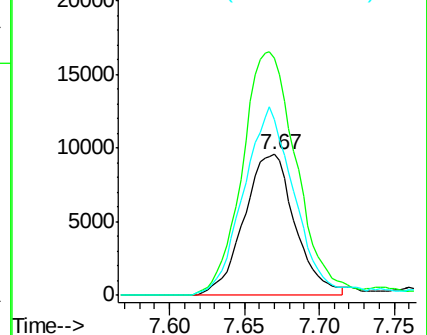
56 100

69 168.9 26.6 40.0#

84 124.5 69.0 103.6#



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



#33

1,2-Dichloroethane-d4

Concen: 50.54 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049657.D

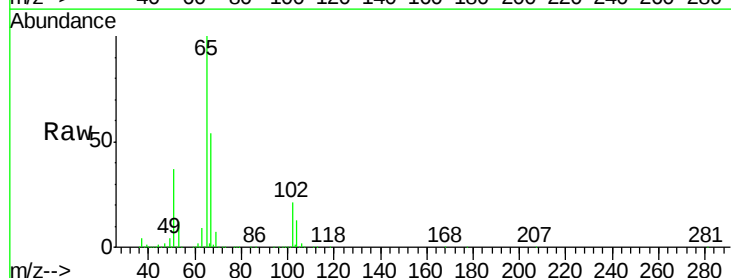
Acq: 30 Jun 2018 19:36

Tgt Ion: 65 Resp: 808207

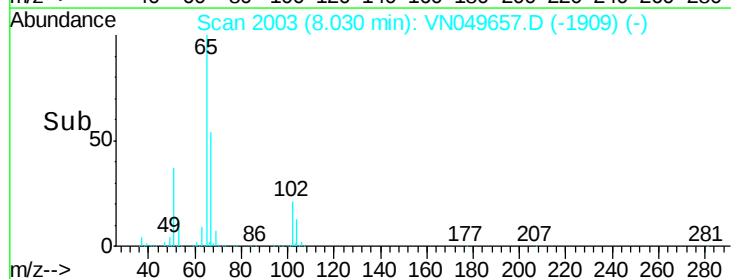
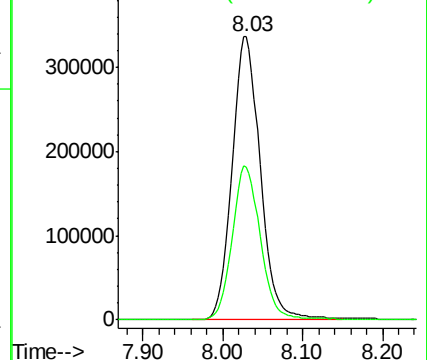
Ion Ratio Lower Upper

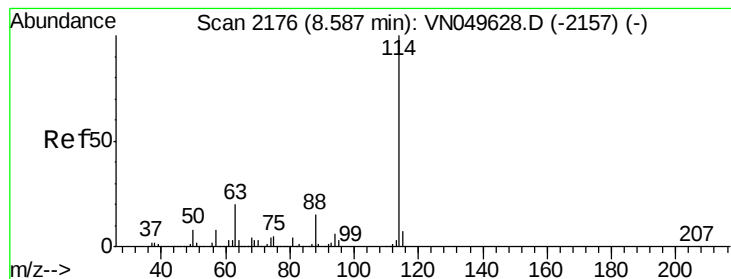
65 100

67 54.1 0.0 107.2



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: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

ClientSampled :

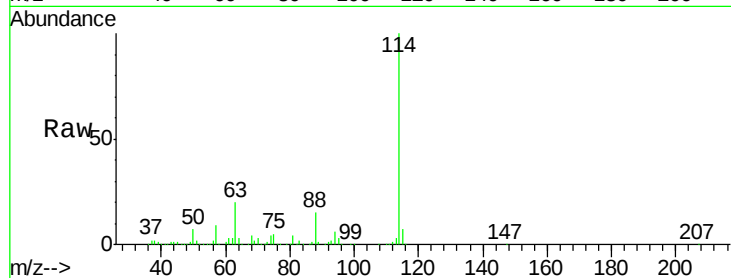
Tot Ion:114 Resp: 1915415

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

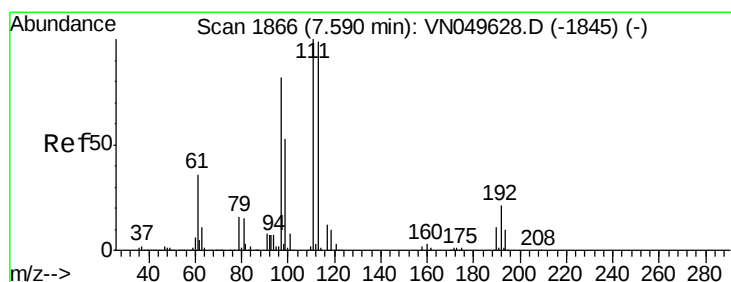
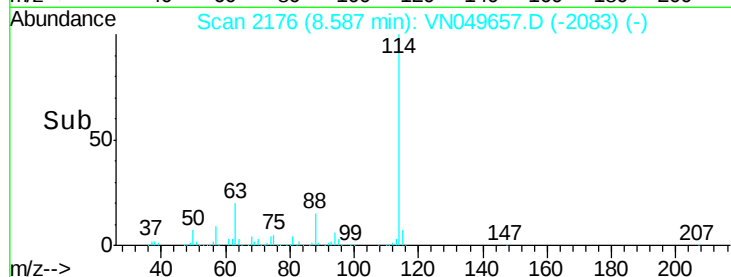
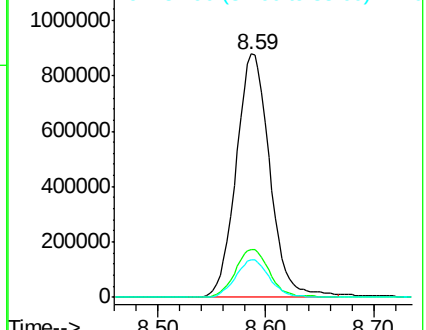
88 15.3 0.0 30.6



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: 49.68 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

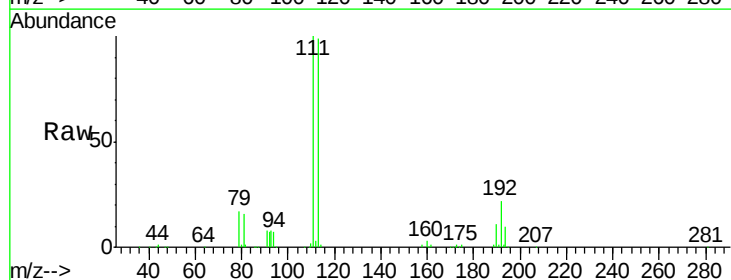
Tgt Ion:113 Resp: 711367

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

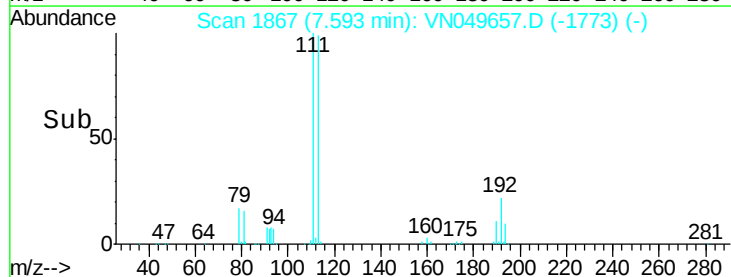
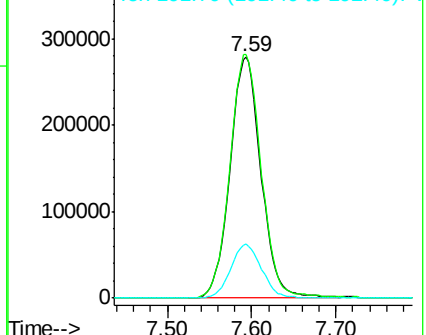
192 22.4 17.8 26.6

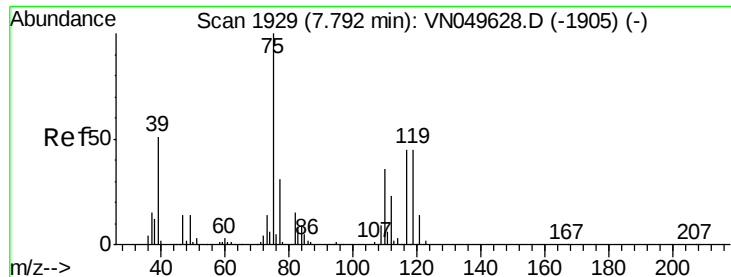


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

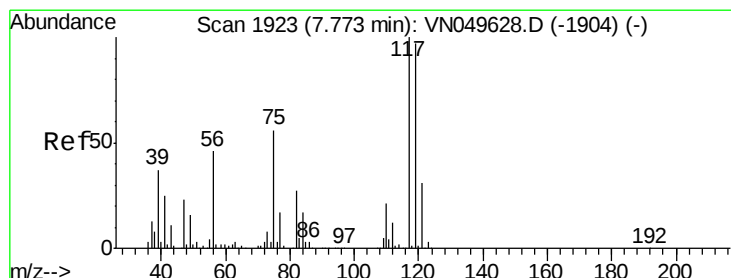
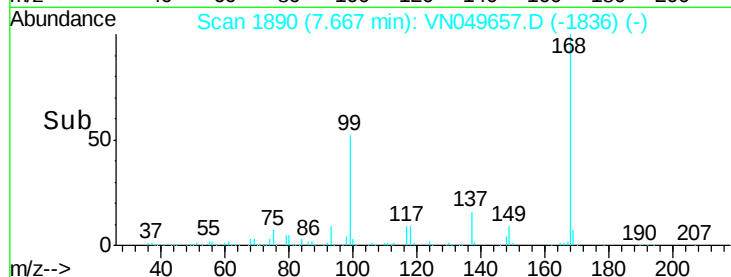
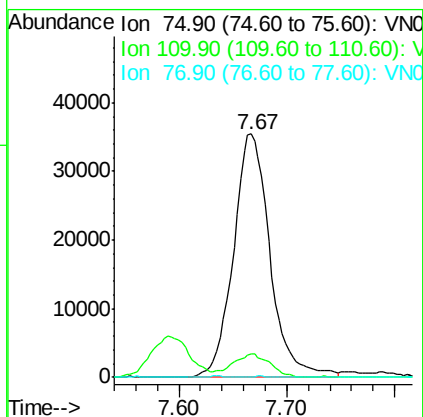
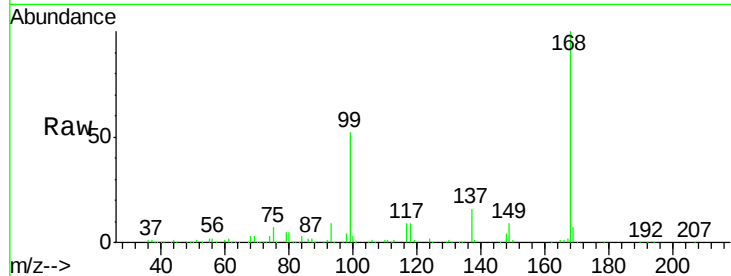




#36
 1,1-Dichloropropene
 Concen: 3.89 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049657.D
 Acq: 30 Jun 2018 19:36

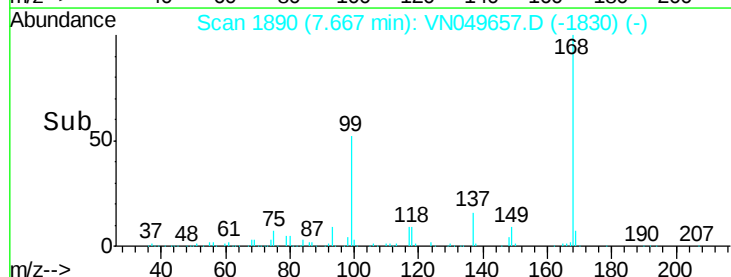
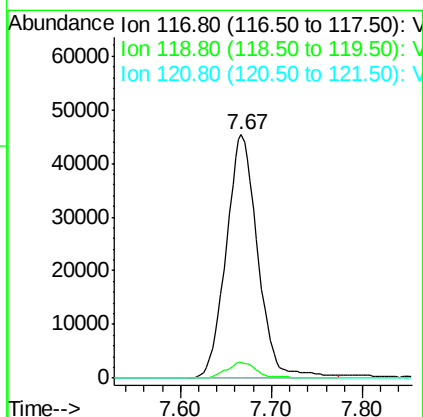
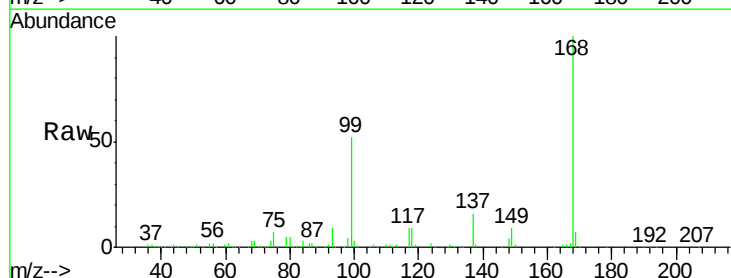
Instrument :
 MSVOA_N
 ClientSampled :

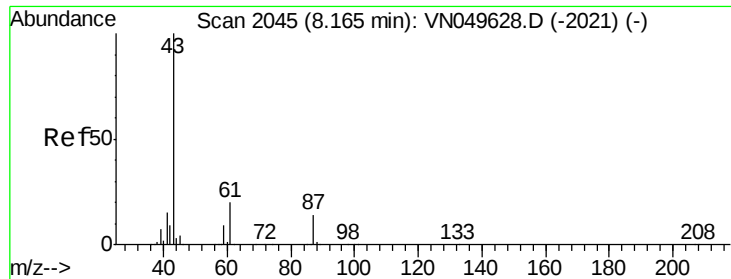
Tot Ion	75	Resp	83910
Ion Ratio	100	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.1	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.22 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049657.D
 Acq: 30 Jun 2018 19:36

Tgt Ion	117	Resp	109359
Ion Ratio	100	Lower	Upper
117	100		
119	6.5	77.2	115.8#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 8.76 ug/l

RT: 8.30 min Scan# 2088

Delta R.T. 0.14 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

ClientSampled :

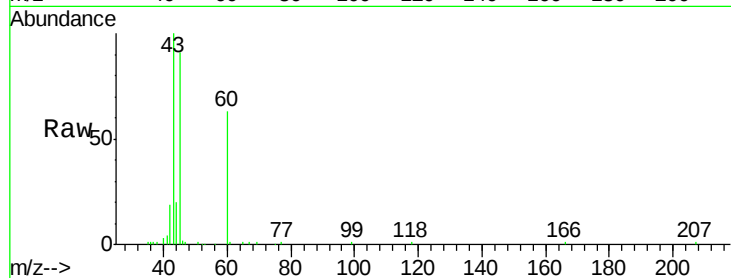
Tot Ion: 43 Resp: 230447

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

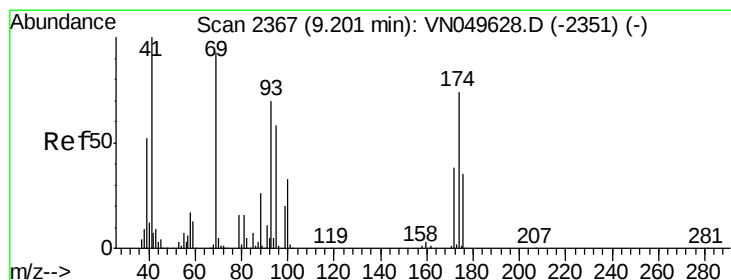
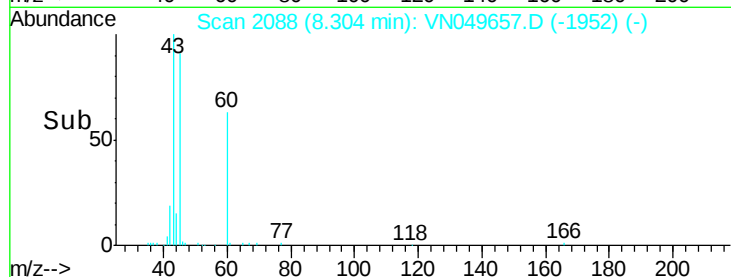
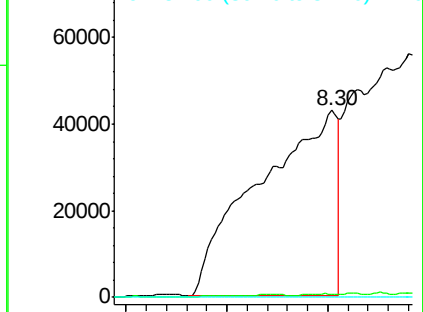
87 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2021) (-)

Ion 61.00 (60.70 to 61.70): VN049628.D (-2021) (-)

Ion 87.00 (86.70 to 87.70): VN049628.D (-2021) (-)



#49

1,4-Dioxane

Concen: 44.03 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

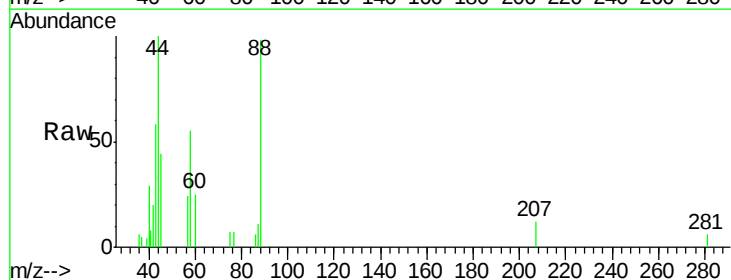
Tgt Ion: 88 Resp: 6612

Ion Ratio Lower Upper

88 100

43 29.8 25.1 37.7

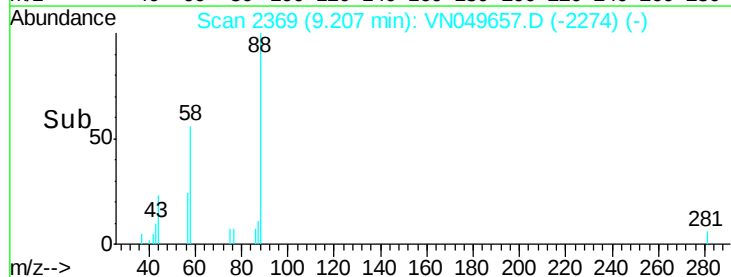
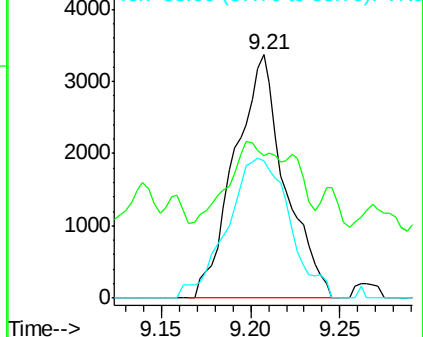
58 71.1 52.5 78.7

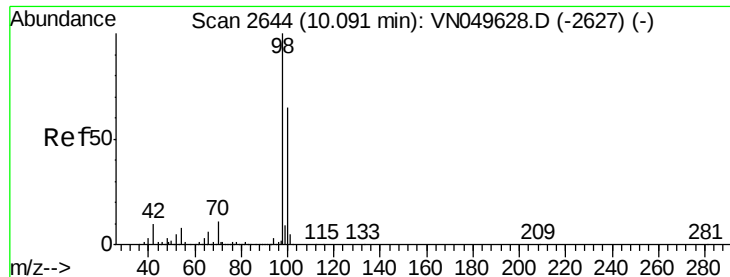


Abundance Ion 88.00 (87.70 to 88.70): VN049628.D (-2351) (-)

Ion 43.00 (42.70 to 43.70): VN049628.D (-2351) (-)

Ion 58.00 (57.70 to 58.70): VN049628.D (-2351) (-)





#50

Toluene-d8

Concen: 46.99 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

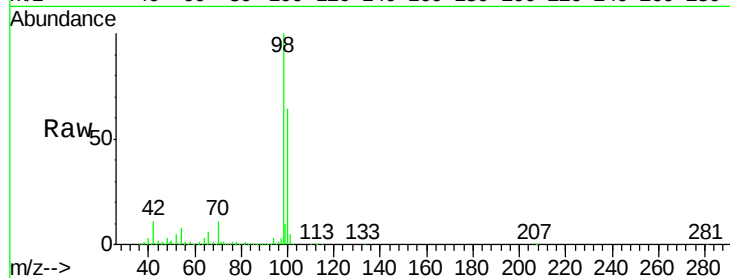
ClientSampled :

Tot Ion: 98 Resp: 2633724

Ion Ratio Lower Upper

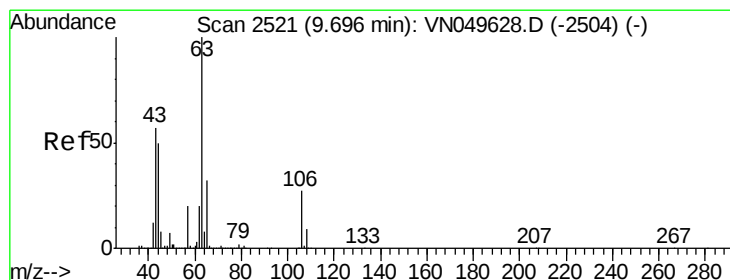
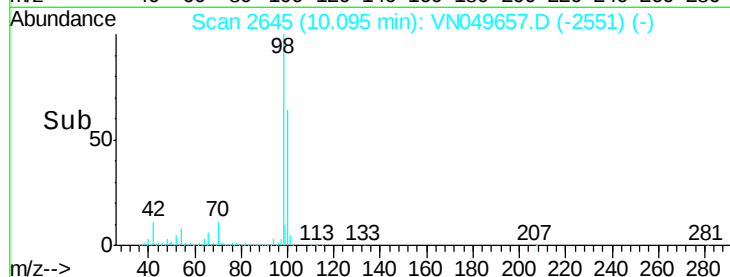
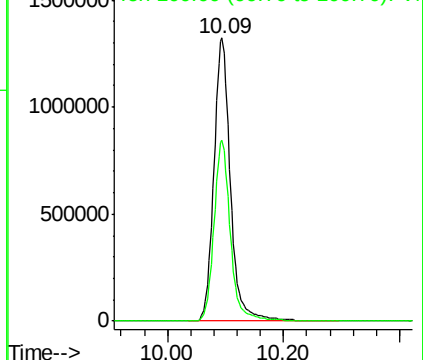
98 100

100 63.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#58

2-Chloroethyl Vinyl ether

Concen: 10.83 ug/l

RT: 9.78 min Scan# 2546

Delta R.T. 0.08 min

Lab File: VN049657.D

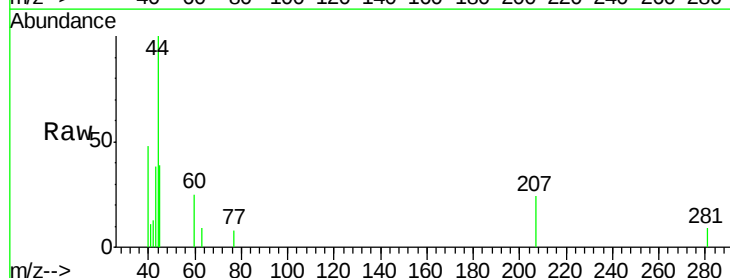
Acq: 30 Jun 2018 19:36

Tgt Ion: 63 Resp: 112

Ion Ratio Lower Upper

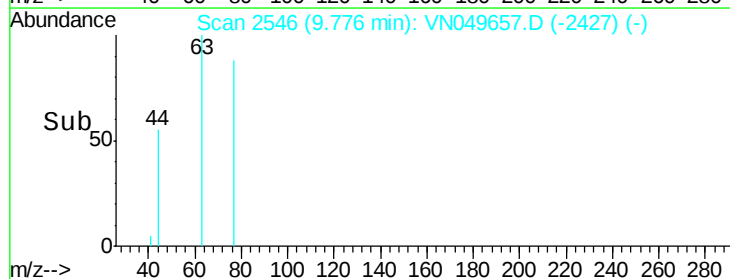
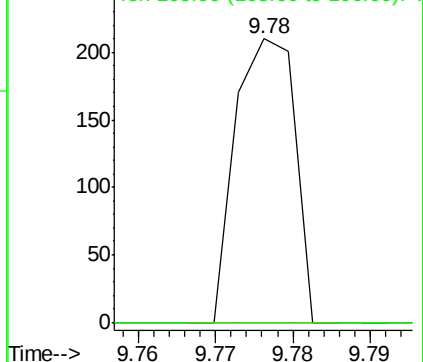
63 100

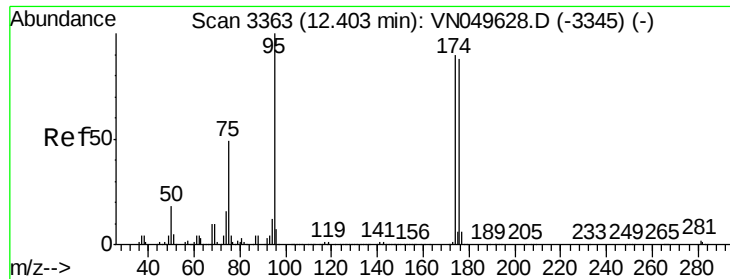
106 0.0 21.8 32.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 38.80 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

ClientSampleId :

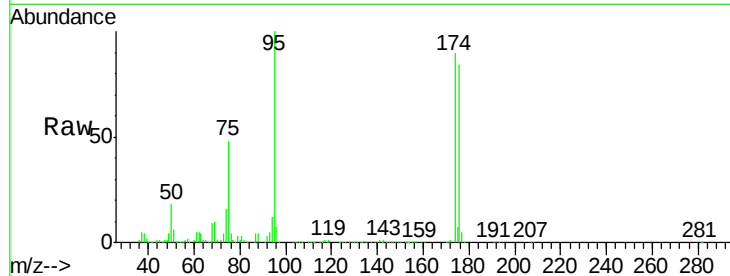
Tot Ion: 95 Resp: 742530

Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.6

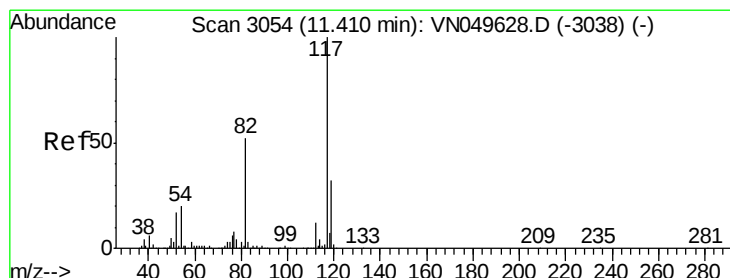
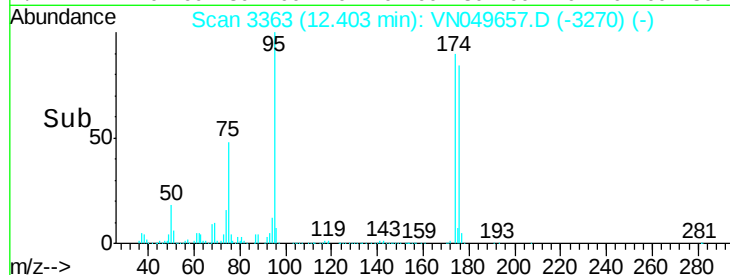
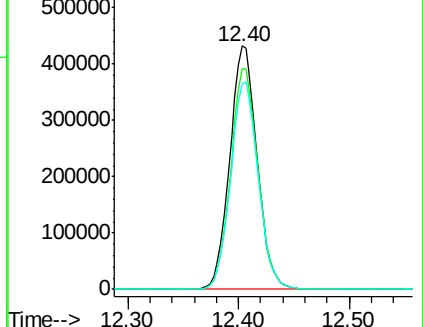
176 85.9 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049628.D (-3345) (-)

Ion 173.80 (173.50 to 174.50): VN049628.D (-3345) (-)

Ion 175.80 (175.50 to 176.50): VN049628.D (-3345) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

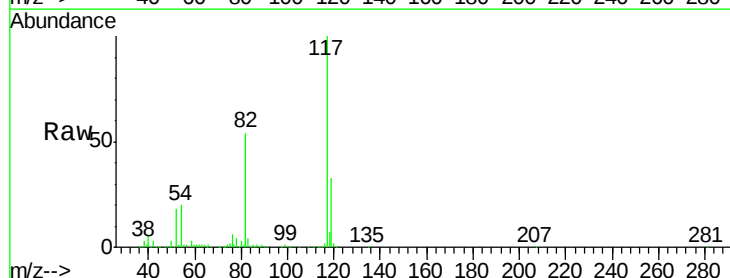
Tgt Ion: 117 Resp: 1617371

Ion Ratio Lower Upper

117 100

82 53.8 41.9 62.9

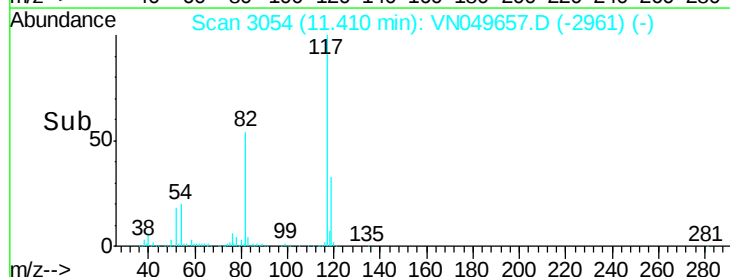
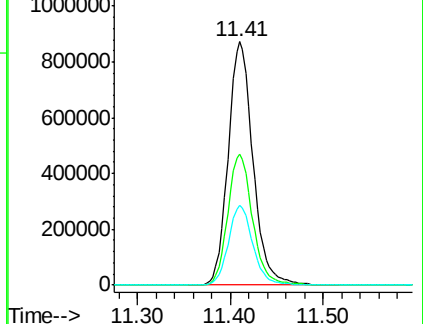
119 33.0 25.4 38.2

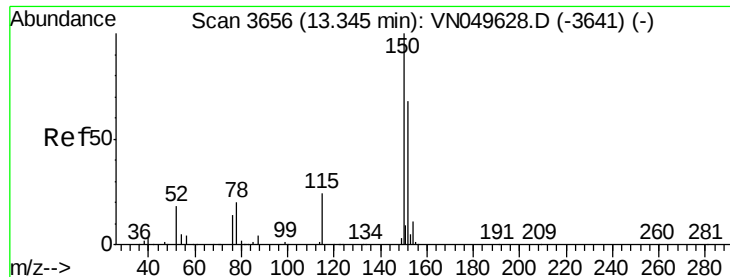


Abundance Ion 116.90 (116.60 to 117.60): VN049628.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049628.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049628.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

ClientSampled :

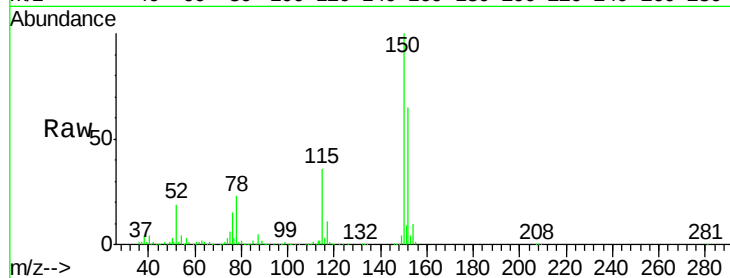
Tot Ion:152 Resp: 605097

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

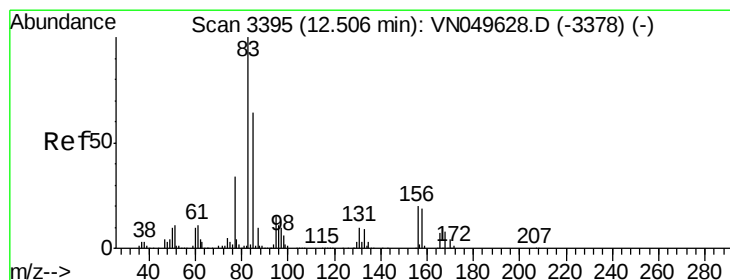
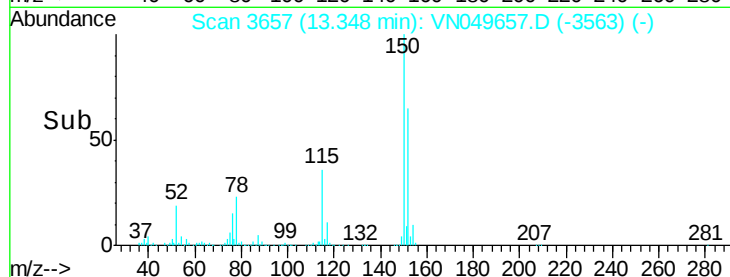
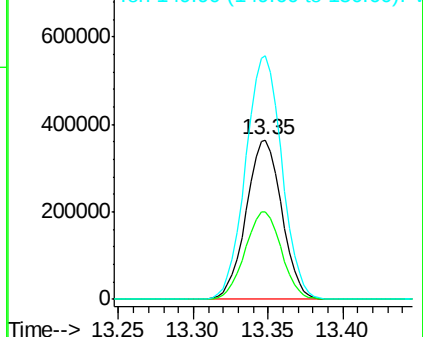
150 155.5 0.0 347.6



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: 12.51 min Scan# 3397

Delta R.T. 0.01 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

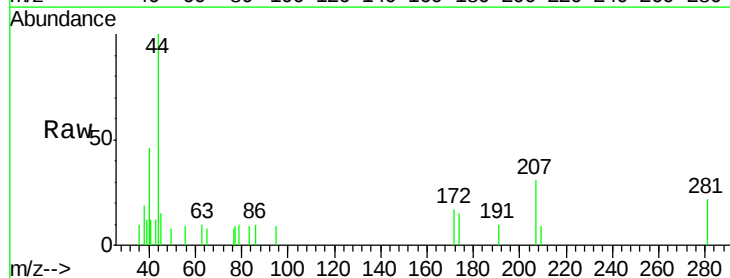
Tgt Ion: 83 Resp: 96

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

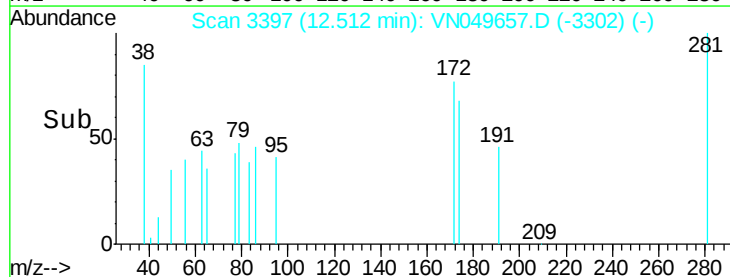
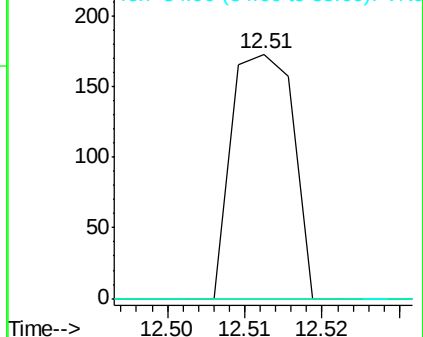
85 0.0 32.5 97.4#

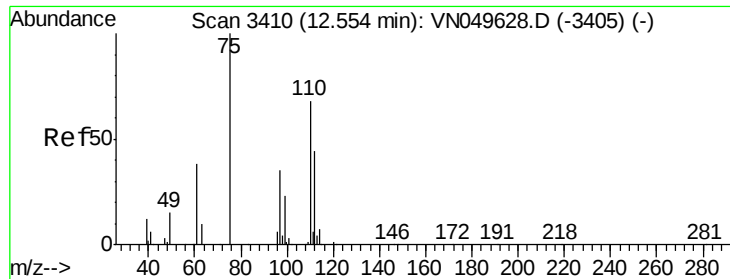


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 36.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

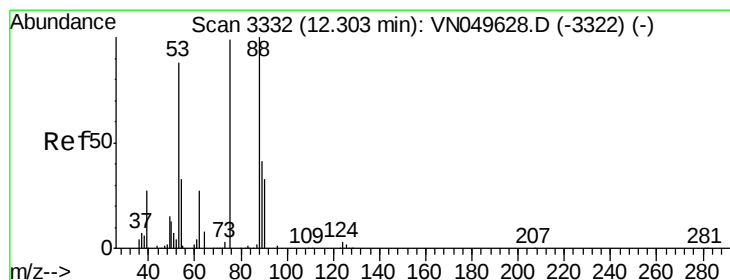
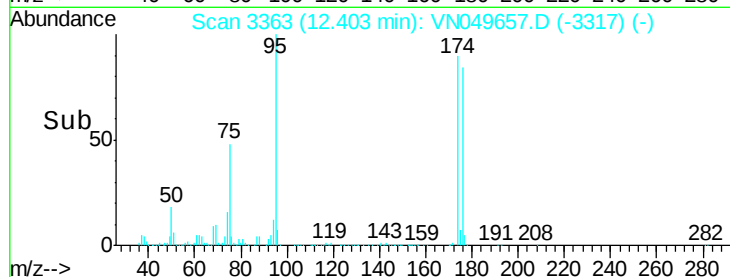
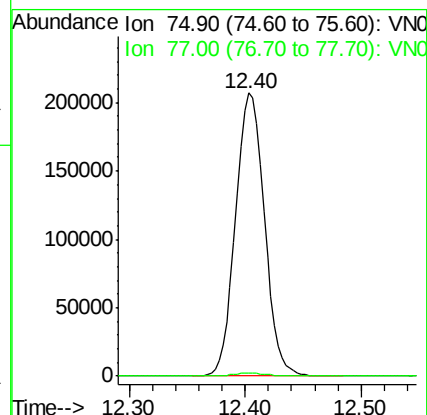
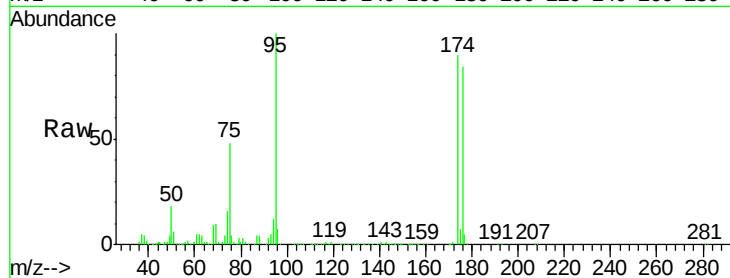
ClientSampleId :

Tot Ion: 75 Resp: 357766

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.21 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

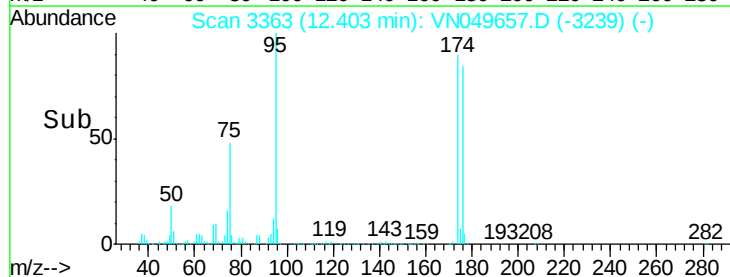
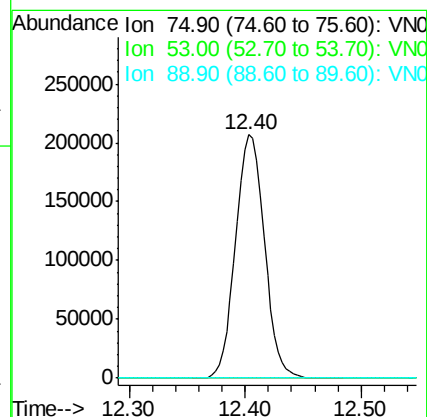
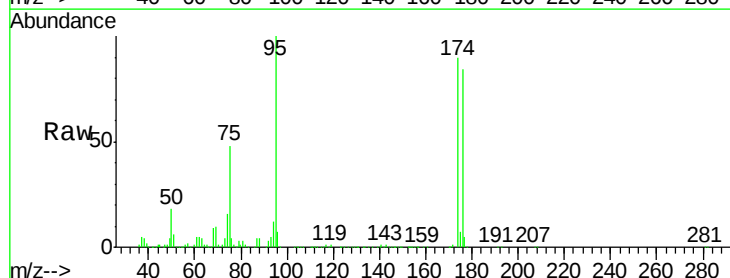
Tgt Ion: 75 Resp: 357766

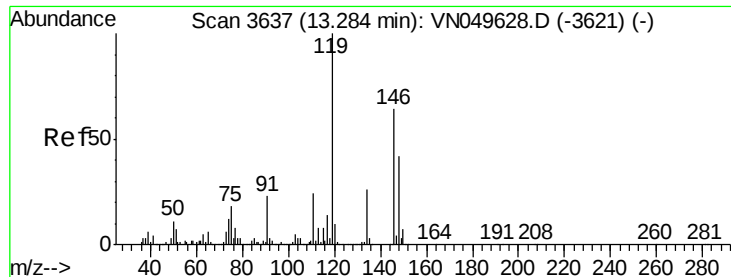
Ion Ratio Lower Upper

75 100

53 0.3 73.9 110.9#

89 0.0 35.9 53.9#





#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 13.28 min Scan# 3635

Delta R.T. -0.01 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

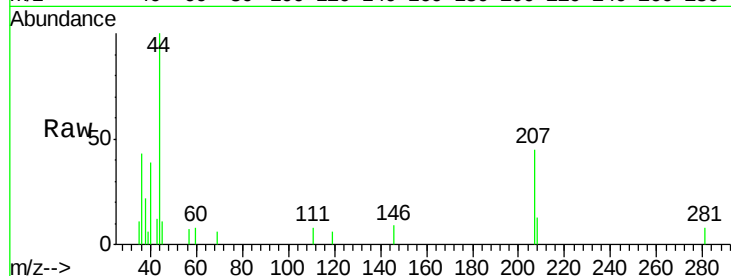
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:146 Resp: 157

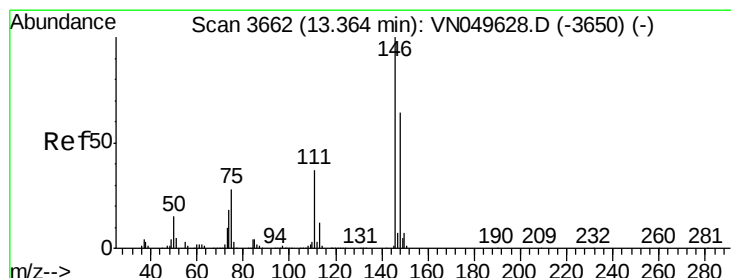
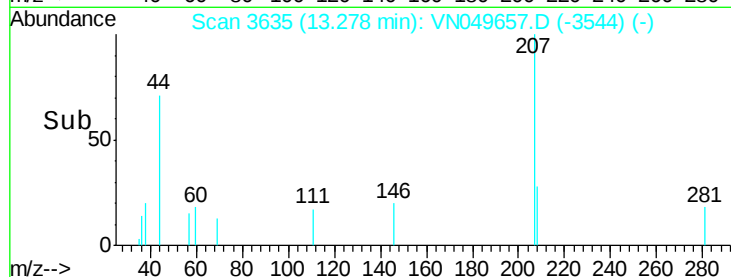
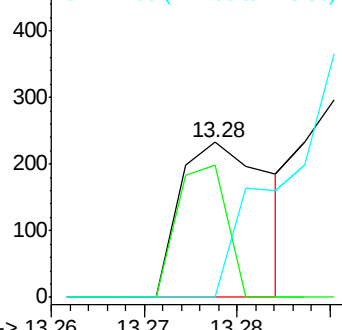
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.0	57.0#
148	0.0	32.5	97.5#



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



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.36 min Scan# 3662

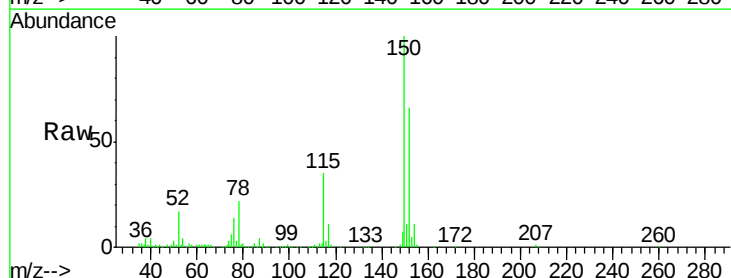
Delta R.T. 0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Tgt Ion:146 Resp: 646

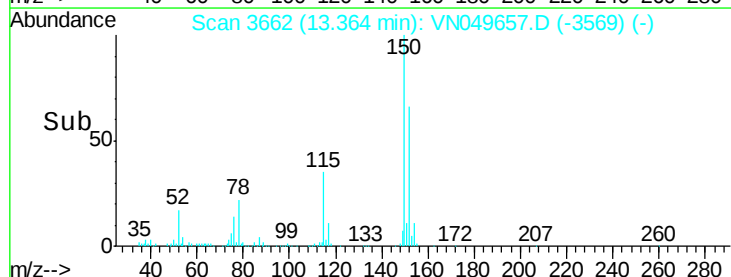
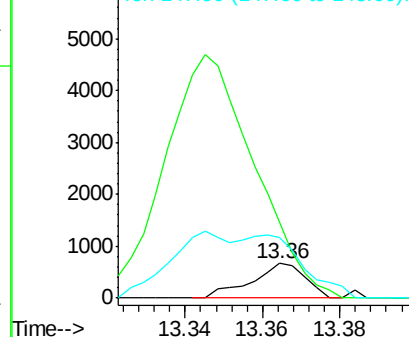
Ion	Ratio	Lower	Upper
146	100		
111	1177.2	18.9	56.5#
148	216.9	32.1	96.3#

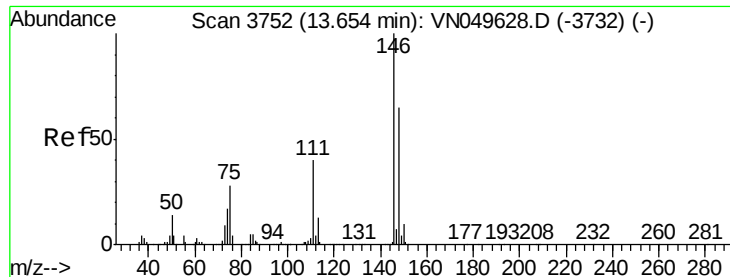


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049657.D

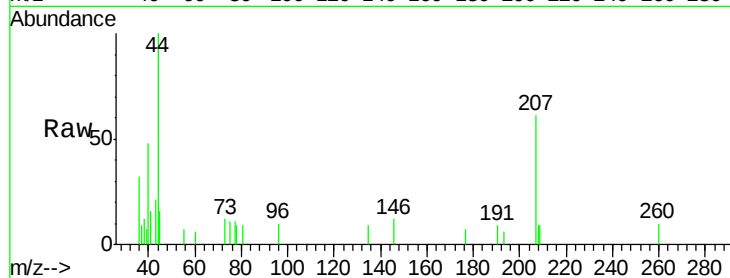
Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

ClientSampled :

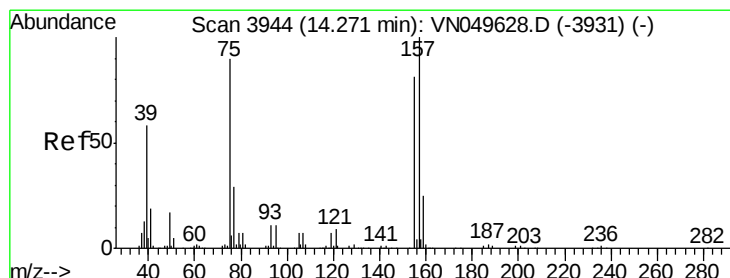
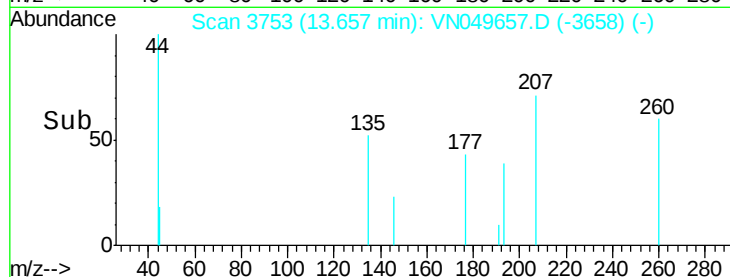
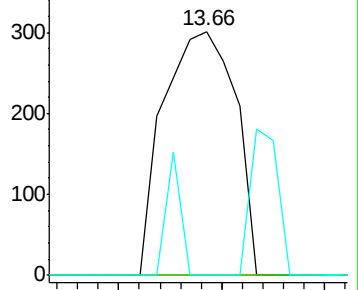
Tot Ion:	146	Resp:	290
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.7	59.1#
148	23.1	32.0	96.2#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

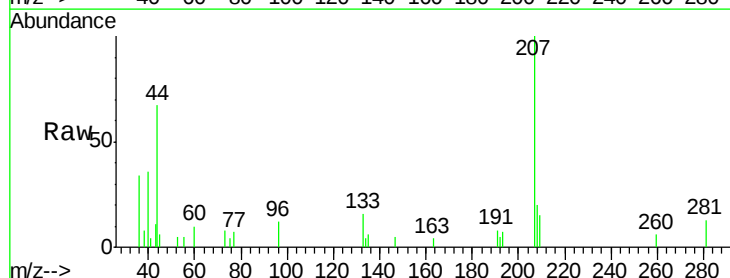
RT: 14.29 min Scan# 3950

Delta R.T. 0.02 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

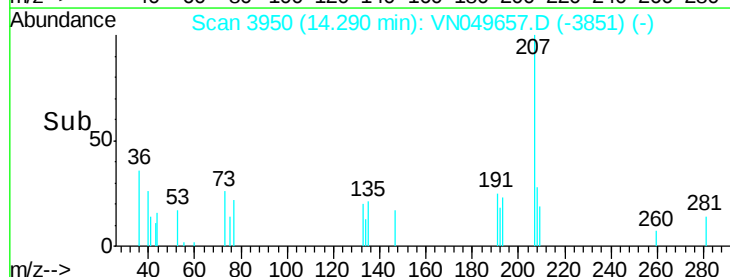
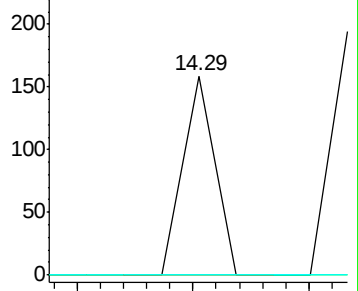
Tgt Ion:	75	Resp:	31
Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.7	137.1#
157	0.0	56.9	170.7#

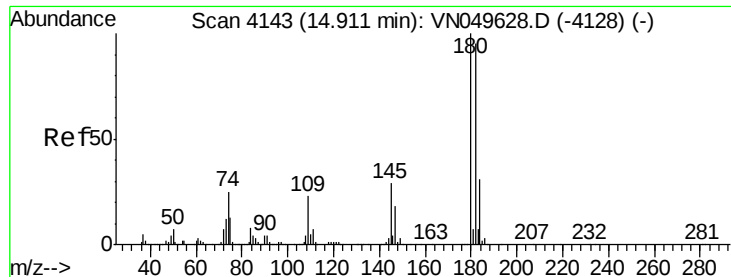


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

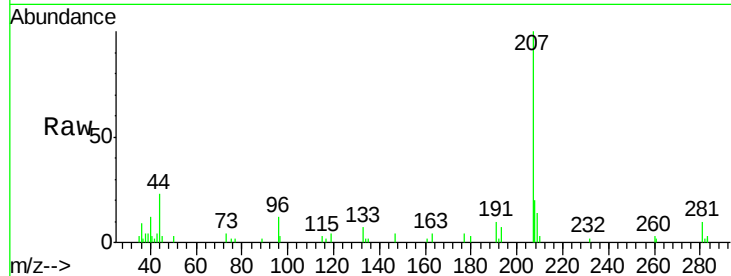




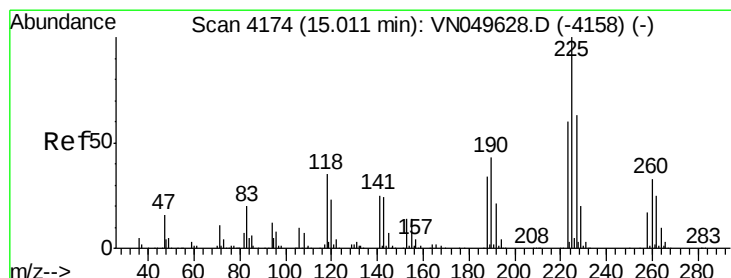
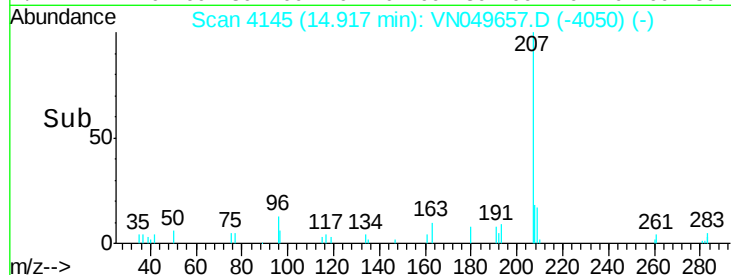
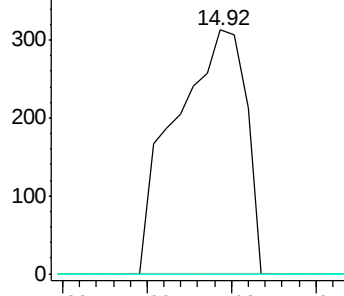
#93
 1,2,4-Trichlorobenzene
 Concen: 2.44 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.01 min
 Lab File: VN049657.D
 Acq: 30 Jun 2018 19:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 364
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.9#
 145 0.0 14.4 43.0#

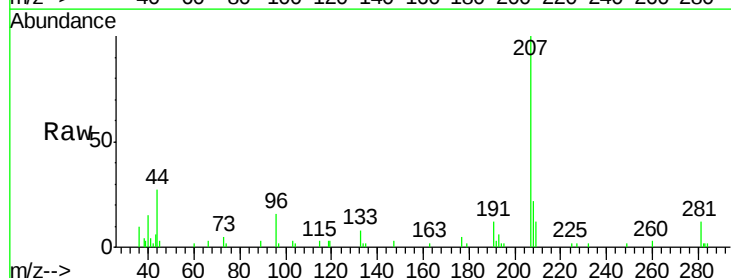


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

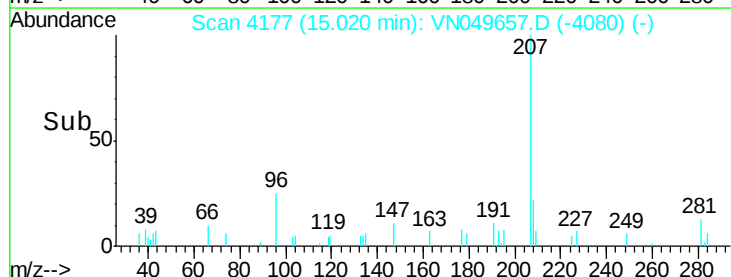
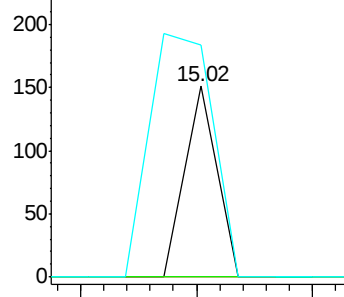


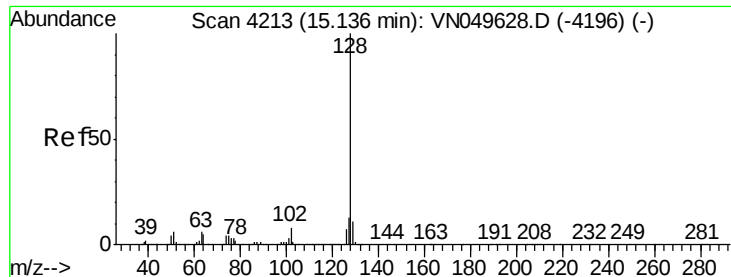
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.02 min Scan# 4177
 Delta R.T. 0.01 min
 Lab File: VN049657.D
 Acq: 30 Jun 2018 19:36

Tgt Ion:225 Resp: 29
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.9 92.7#
 227 251.7 31.8 95.4#



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: 4.07 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

ClientSampleId :

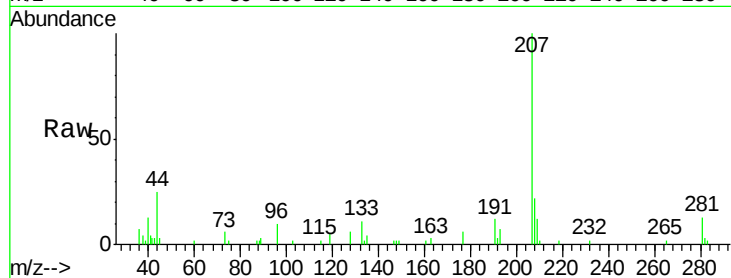
Tot Ion:128 Resp: 810

Ion Ratio Lower Upper

128 100

127 4.0 10.4 15.6#

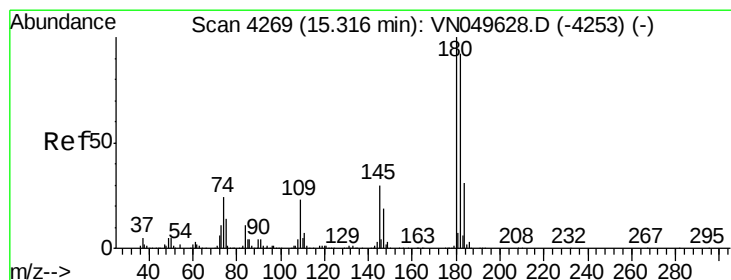
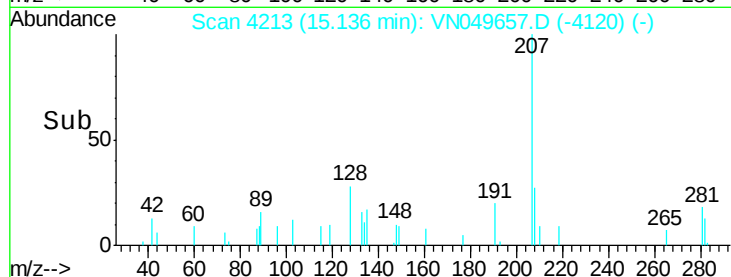
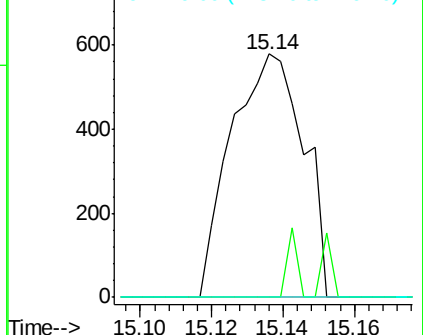
129 0.0 8.6 13.0#



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: 1.65 ug/l

RT: 15.37 min Scan# 4287

Delta R.T. 0.06 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

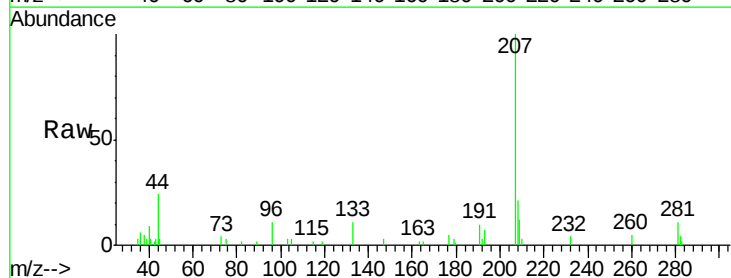
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 0.0 47.4 142.2#

145 0.0 15.2 45.6#



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

