

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049496.D
 Acq On : 22 Jun 2018 17:15
 Operator : MD\SY
 Sample : PB116445TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 22:15:44 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	1106991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1696421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1402375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315696	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	752280	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	7.59	113	661092	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	10.09	98	2367001	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
62) 4-Bromofluorobenzene	12.41	95	527310	30.52	ug/l	0.00
Spiked Amount			Recovery	=	61.04%	

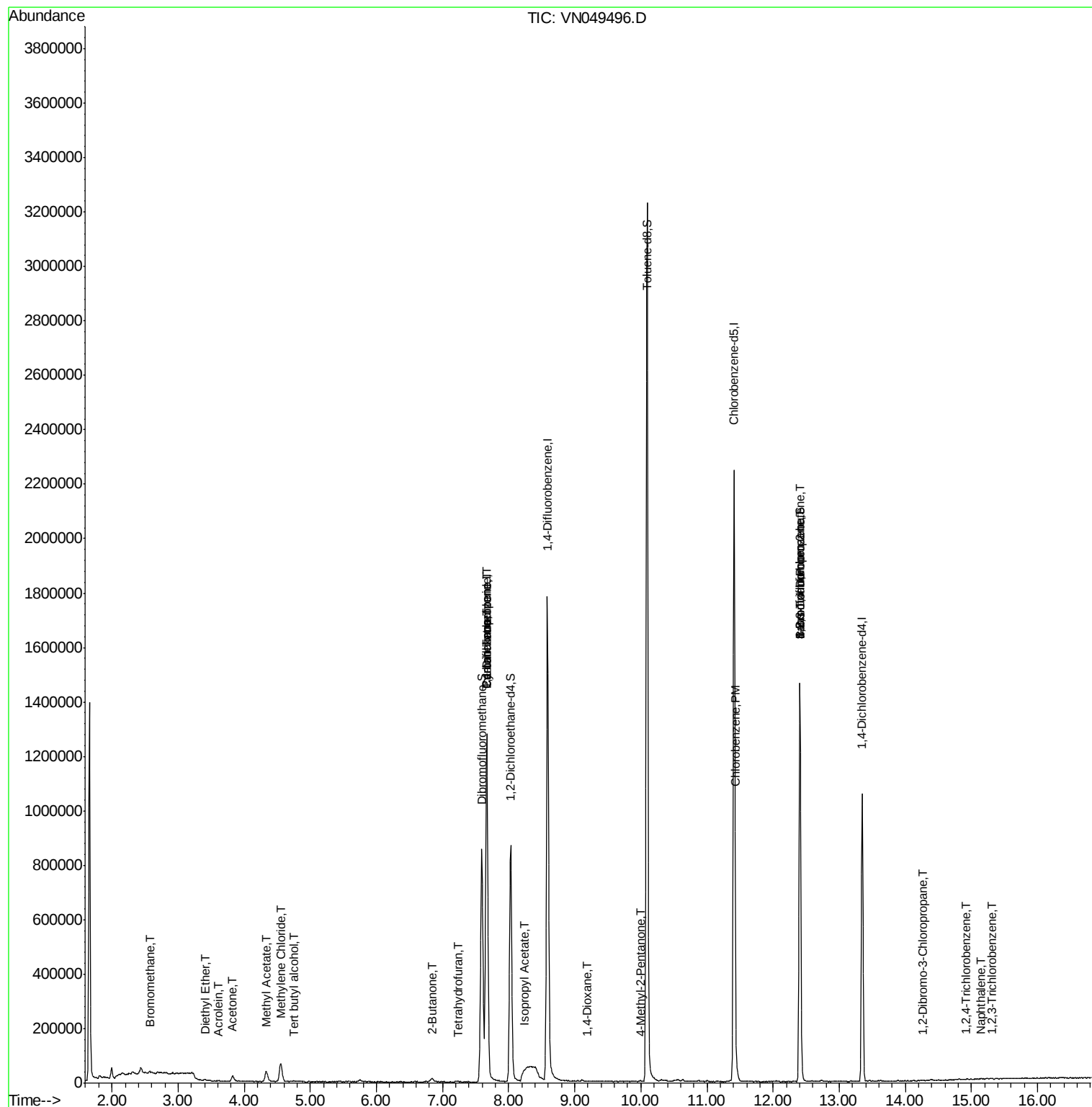
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	2799	0.30	ug/l	88
8) Diethyl Ether	3.41	74	2349	0.31	ug/l	73
11) Tert butyl alcohol	4.75	59	1024	1.19	ug/l #	87
13) Acrolein	3.61	56	722	0.80	ug/l #	73
16) Acetone	3.82	43	28621	8.03	ug/l #	85
18) Methyl Acetate	4.33	43	75487	6.94	ug/l	97
20) Methylene Chloride	4.55	84	51948	3.49	ug/l	88
25) 2-Butanone	6.85	43	6198	1.29	ug/l	91
29) Tetrahydrofuran	7.23	42	1581	0.51	ug/l #	48
31) Cyclohexane	7.66	56	20542	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	77629	3.99	ug/l #	51
38) Carbon Tetrachloride	7.67	117	102818	5.11	ug/l #	17
43) Isopropyl Acetate	8.23	43	29627	1.47	ug/l #	64
49) 1,4-Dioxane	9.19	88	227	1.73	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2605	0.25	ug/l #	83
65) Chlorobenzene	11.44	112	15162	0.42	ug/l	98
71) Bromoform	12.41	173	4397	0.50	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.45	83	75	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	257814	47.86	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	257814	151.27	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	414	0.43	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	302	4.79	ug/l #	32
95) Naphthalene	15.14	128	456	2.13	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.32	180	179	3.49	ug/l #	40

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

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

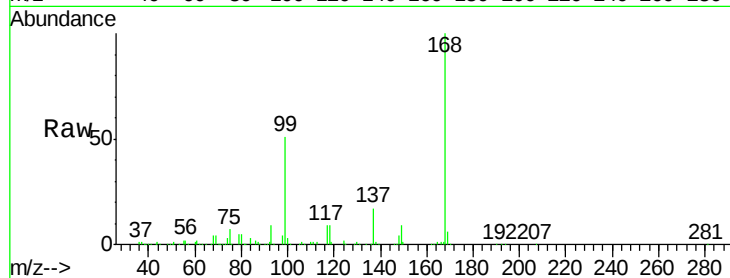
ClientSampleId :

Tot Ion:168 Resp: 1106991

Ion Ratio Lower Upper

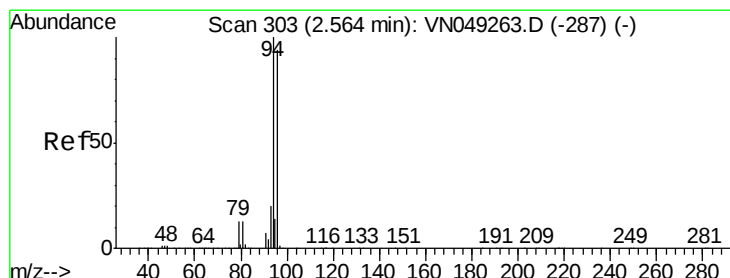
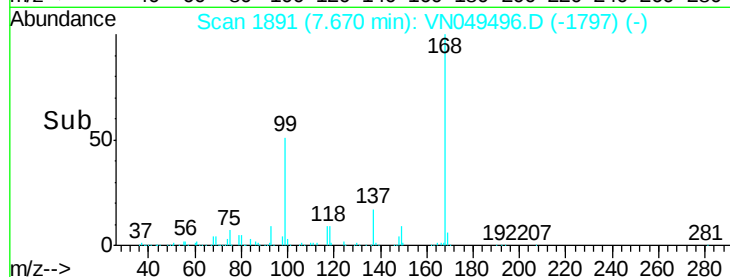
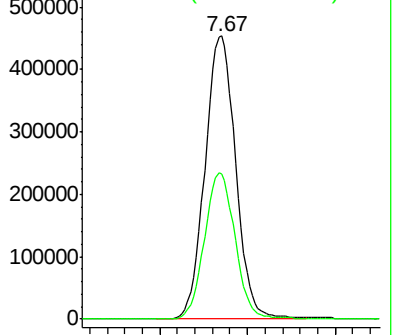
168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: 0.30 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049496.D

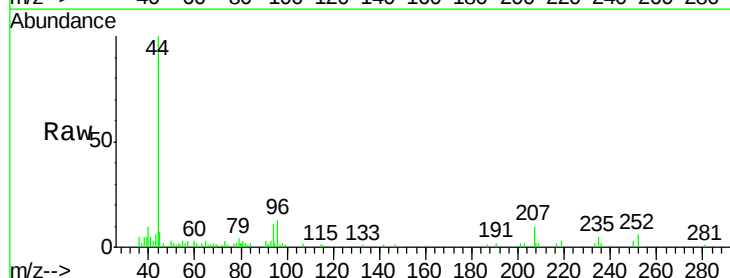
Acq: 22 Jun 2018 17:15

Tgt Ion: 94 Resp: 2799

Ion Ratio Lower Upper

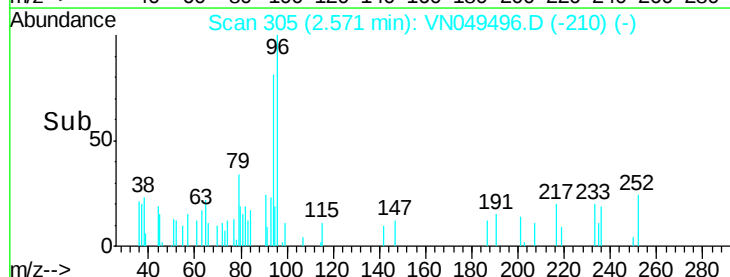
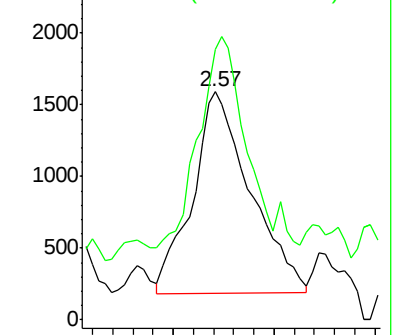
94 100

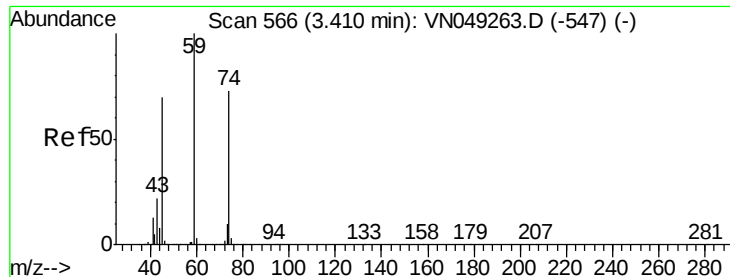
96 102.2 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#8

Diethyl Ether

Concen: 0.31 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

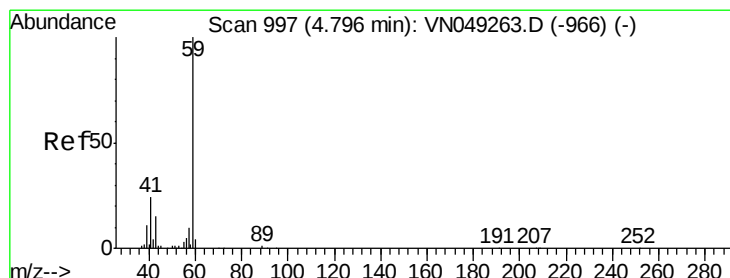
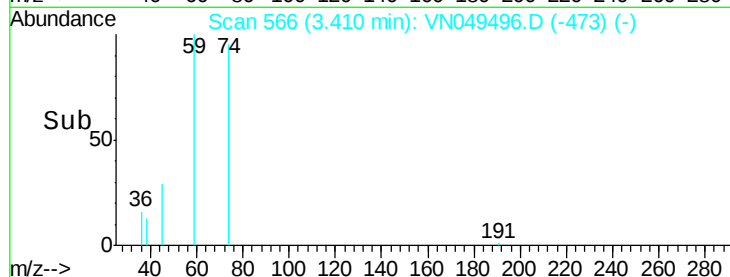
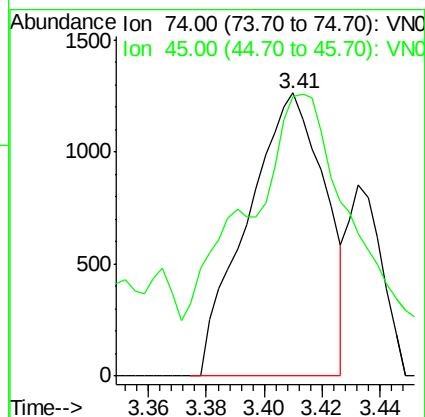
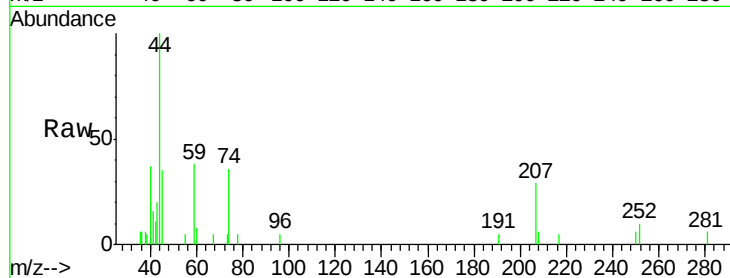
ClientSampled :

Tot Ion: 74 Resp: 2349

Ion Ratio Lower Upper

74 100

45 76.8 51.9 155.8



#11

Tert butyl alcohol

Concen: 1.19 ug/l

RT: 4.75 min Scan# 983

Delta R.T. -0.04 min

Lab File: VN049496.D

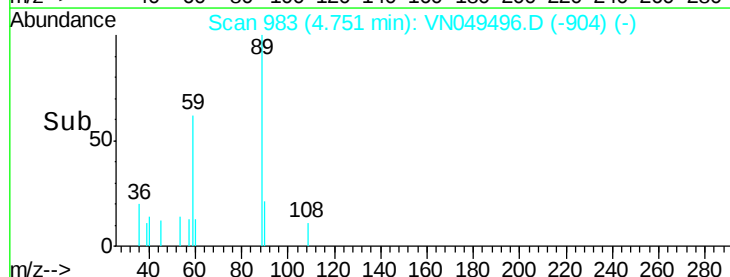
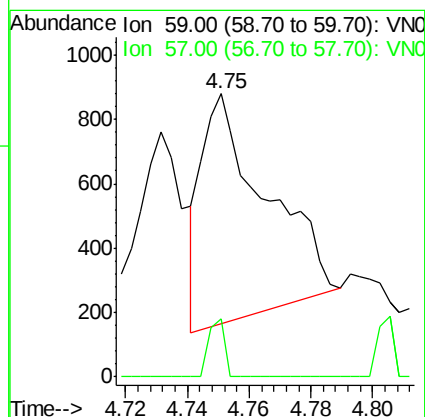
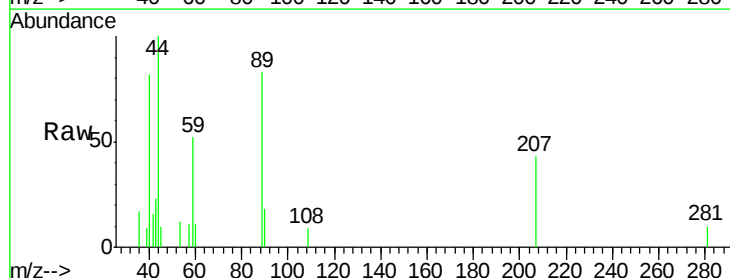
Acq: 22 Jun 2018 17:15

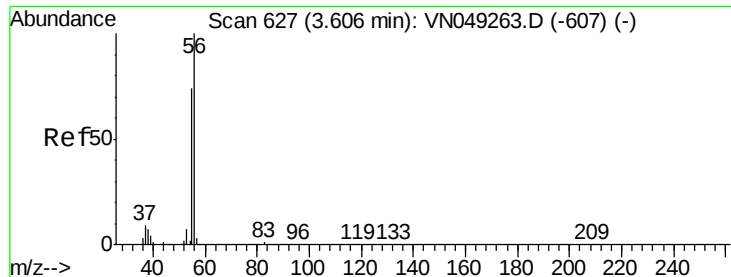
Tgt Ion: 59 Resp: 1024

Ion Ratio Lower Upper

59 100

57 6.3 9.0 13.6#





#13

Acrolein

Concen: 0.80 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

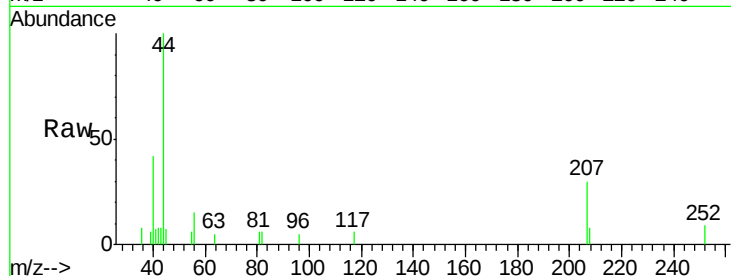
ClientSampled :

Tot Ion: 56 Resp: 722

Ion Ratio Lower Upper

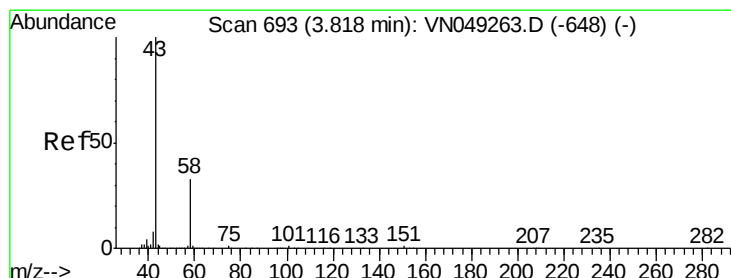
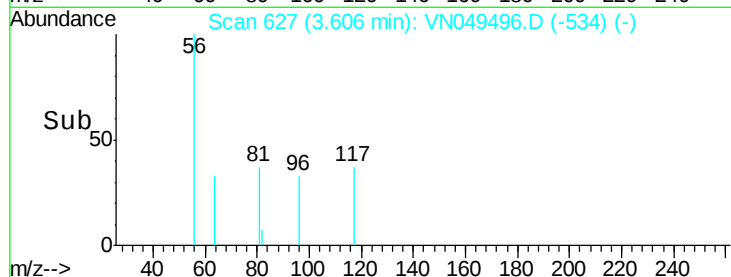
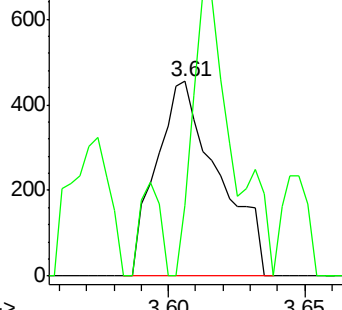
56 100

55 93.5 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: 8.03 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049496.D

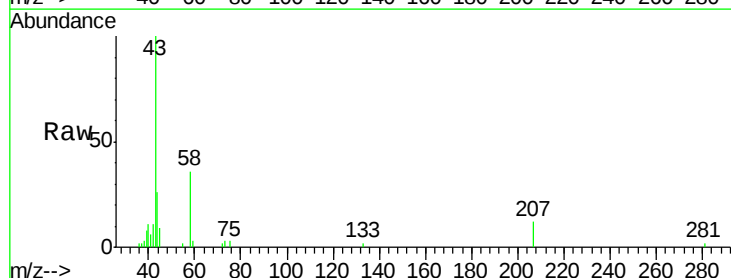
Acq: 22 Jun 2018 17:15

Tgt Ion: 43 Resp: 28621

Ion Ratio Lower Upper

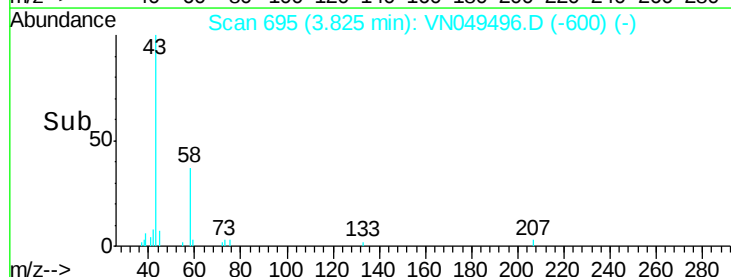
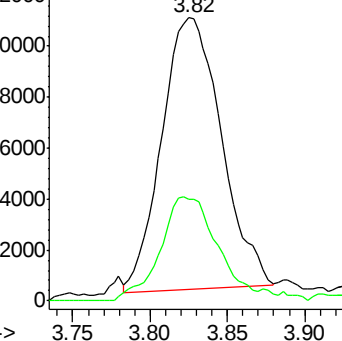
43 100

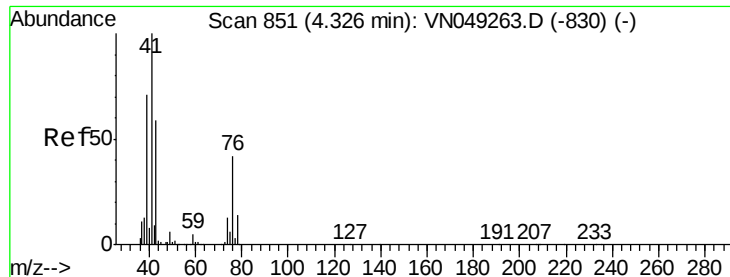
58 35.8 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

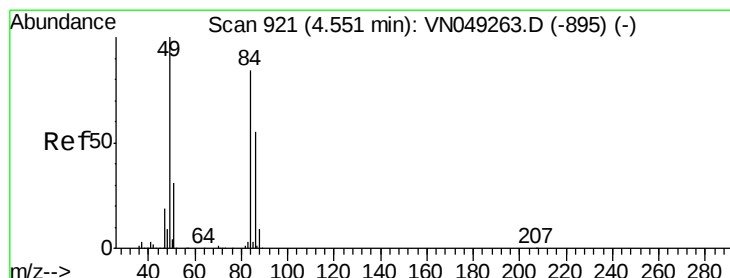
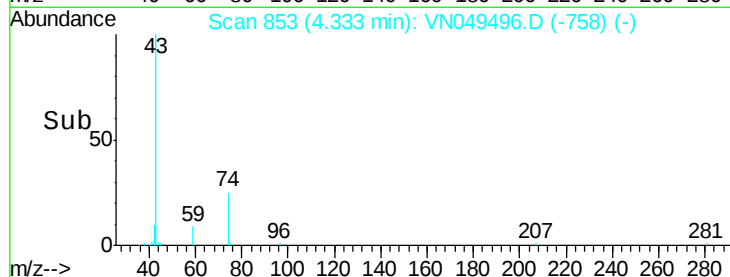
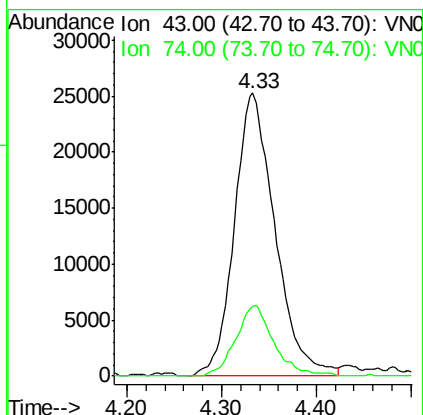
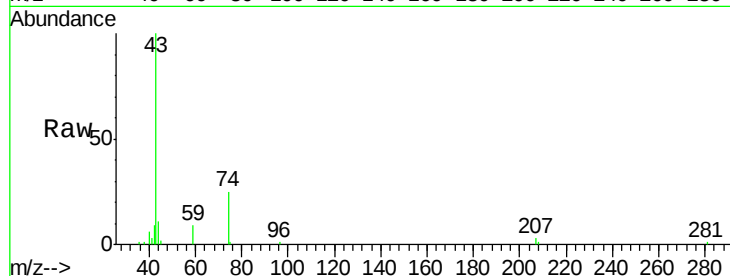




#18
Methvl Acetate
Concen: 6.94 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049496.D
Acq: 22 Jun 2018 17:15

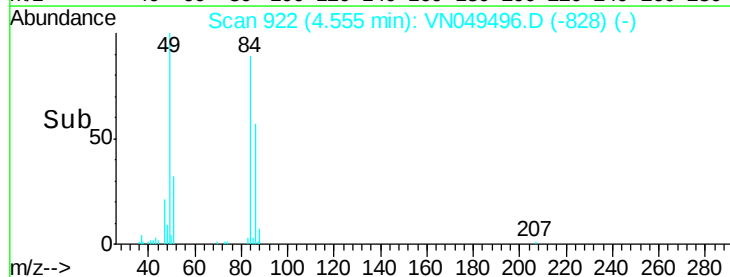
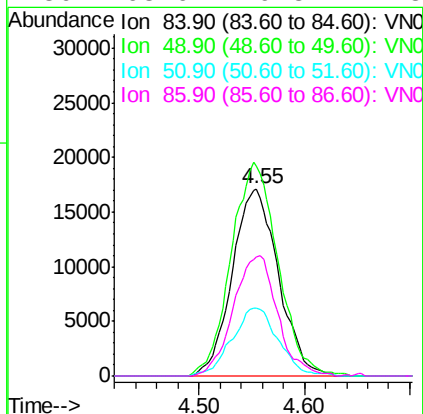
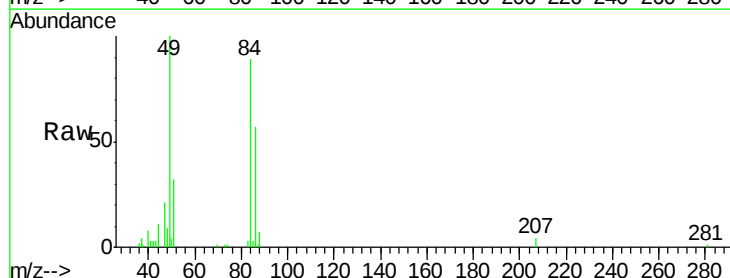
Instrument :
MSVOA_N
ClientSampled :

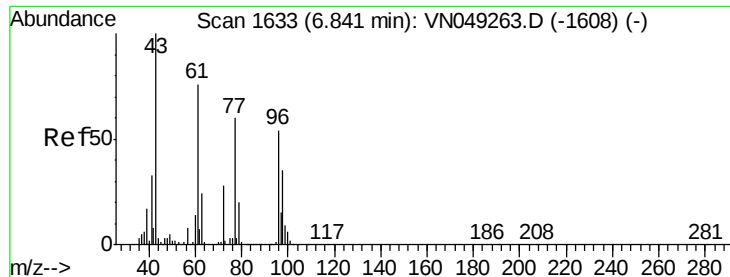
Tot Ion: 43 Resp: 75487
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.0



#20
Methylene Chloride
Concen: 3.49 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049496.D
Acq: 22 Jun 2018 17:15

Tgt Ion: 84 Resp: 51948
Ion Ratio Lower Upper
84 100
49 112.1 106.9 160.3
51 35.9 32.7 49.1
86 63.6 49.8 74.8





#25

2-Butanone

Concen: 1.29 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

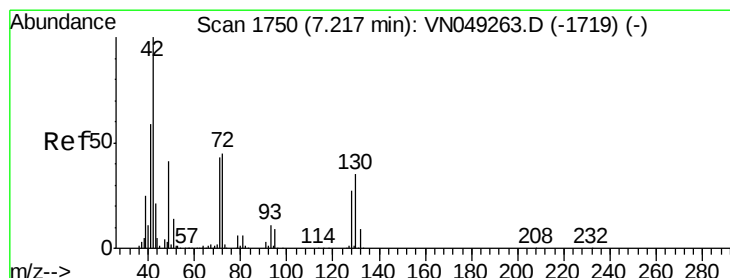
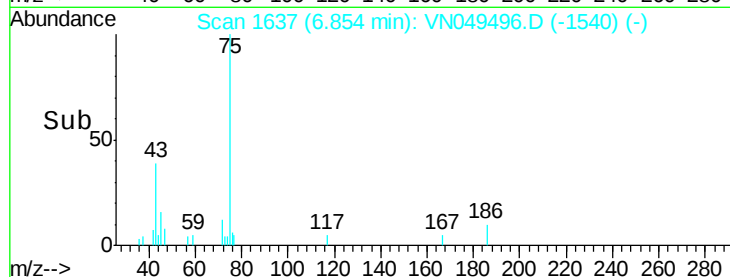
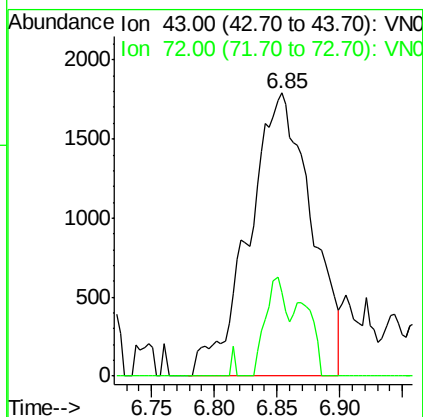
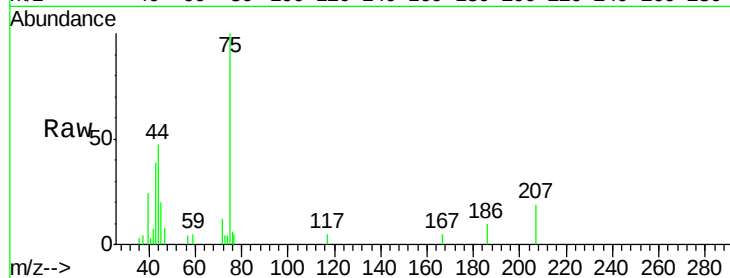
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 6198

Ion Ratio Lower Upper

43 100

72 29.5 20.2 30.2



#29

Tetrahydrofuran

Concen: 0.51 ug/l

RT: 7.23 min Scan# 1755

Delta R.T. 0.02 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

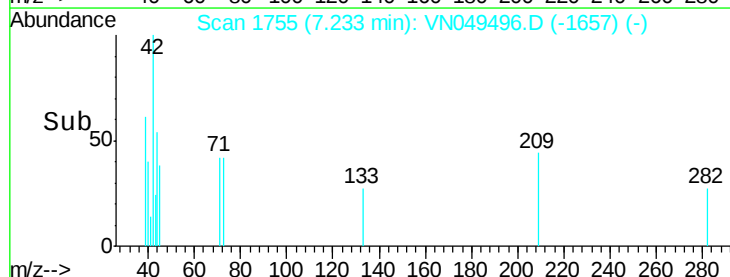
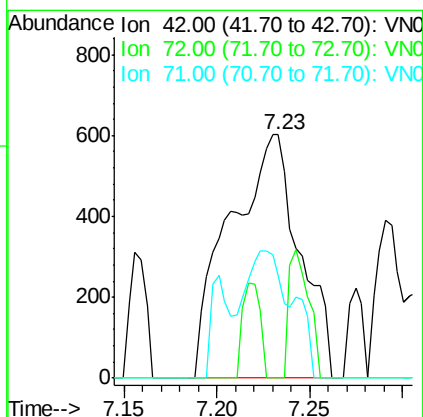
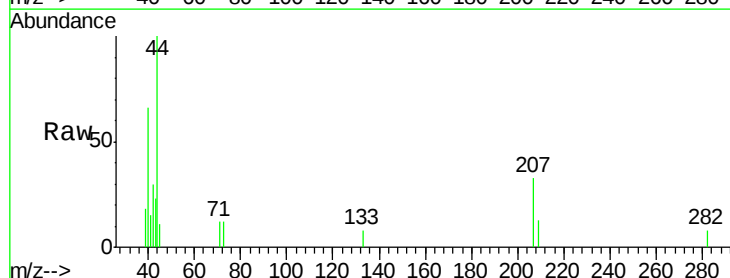
Tgt Ion: 42 Resp: 1581

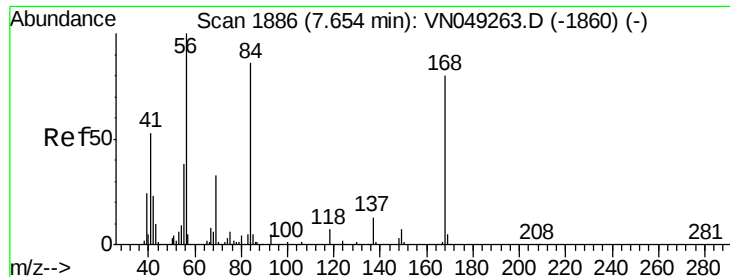
Ion Ratio Lower Upper

42 100

72 14.9 32.2 48.4#

71 0.0 30.5 45.7#

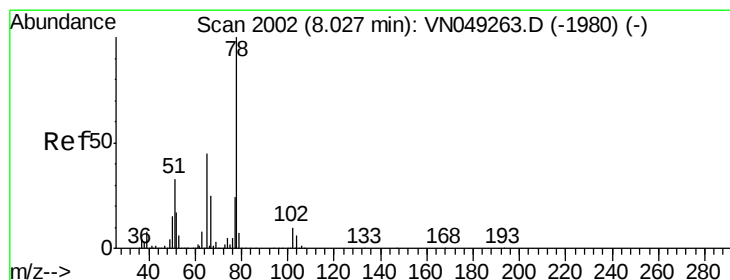
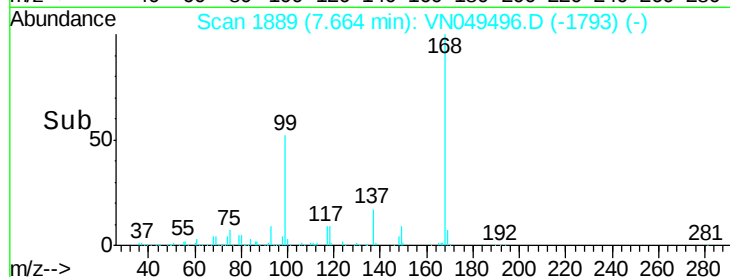
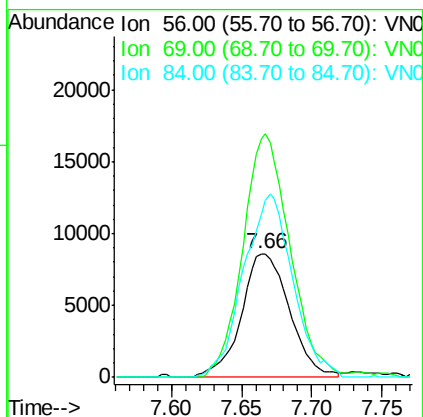
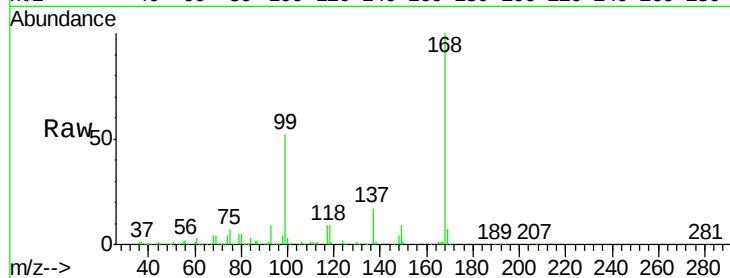




#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049496.D
Acq: 22 Jun 2018 17:15

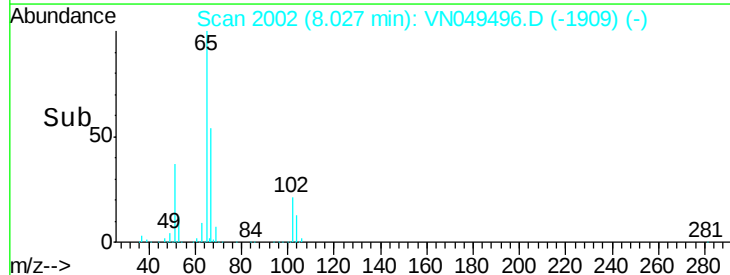
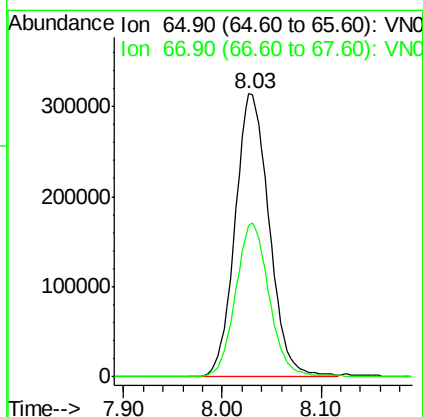
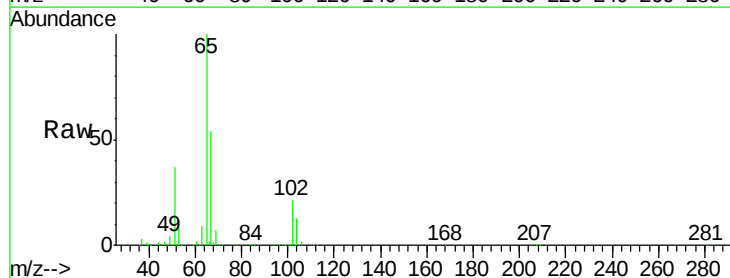
Instrument :
MSVOA_N
ClientSampled :

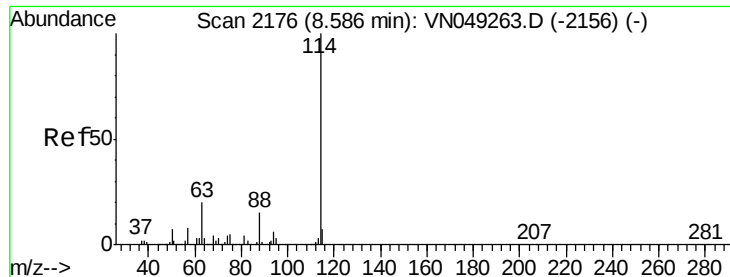
Tot Ion: 56 Resp: 20542
Ion Ratio Lower Upper
56 100
69 193.0 25.0 37.4#
84 131.4 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 51.24 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049496.D
Acq: 22 Jun 2018 17:15

Tgt Ion: 65 Resp: 752280
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

ClientSampled :

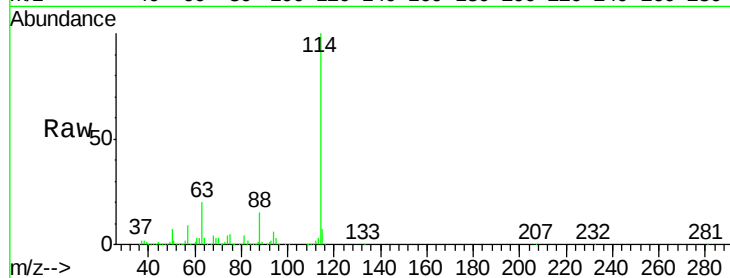
Tot Ion:114 Resp: 1696421

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

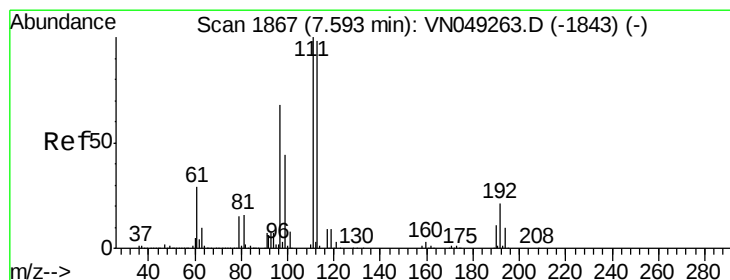
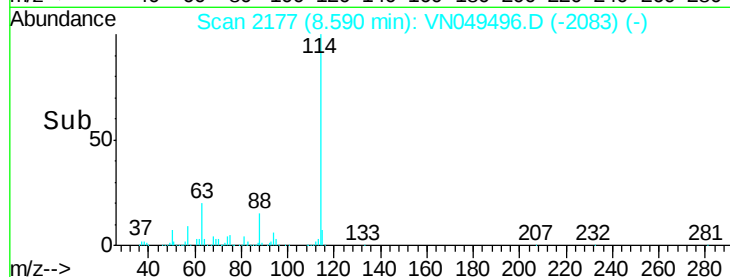
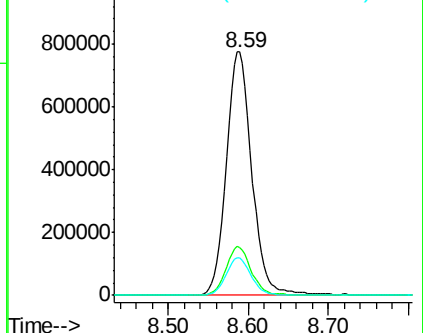
88 15.4 0.0 31.4



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: 48.17 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

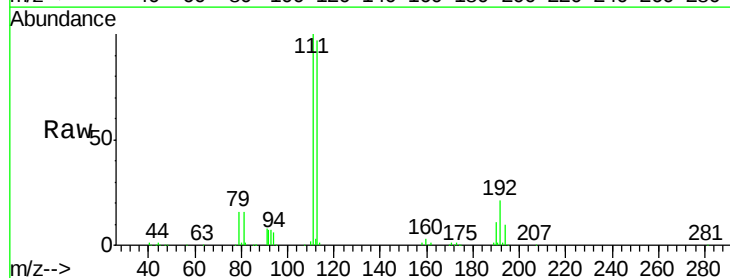
Tgt Ion:113 Resp: 661092

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

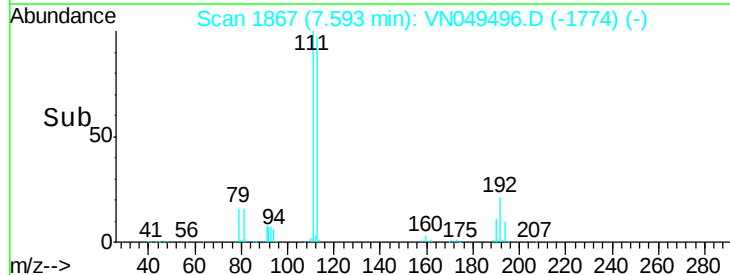
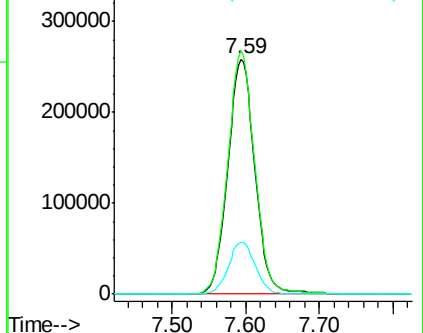
192 21.9 15.0 22.6

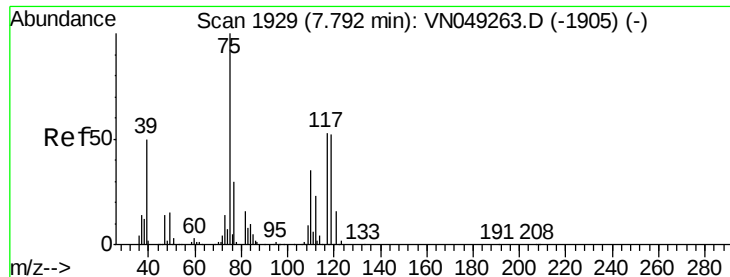


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.99 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.12 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

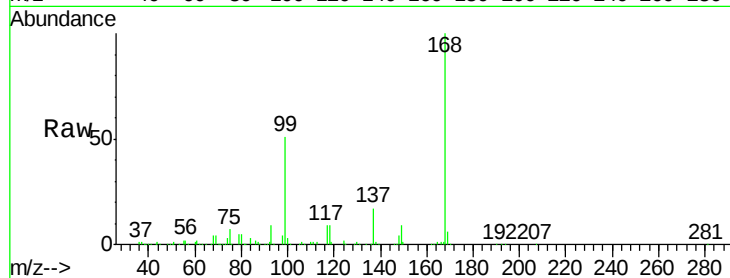
Tot Ion: 75 Resp: 77629

Ion Ratio Lower Upper

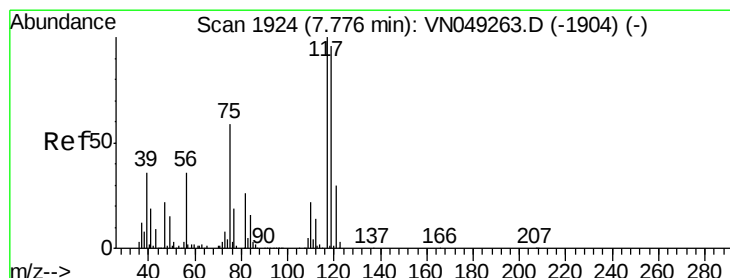
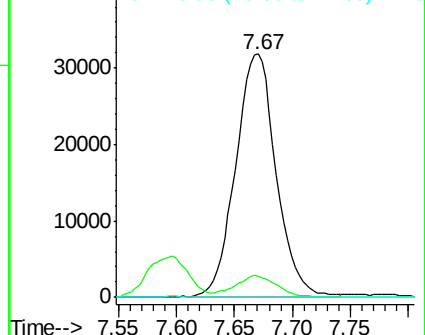
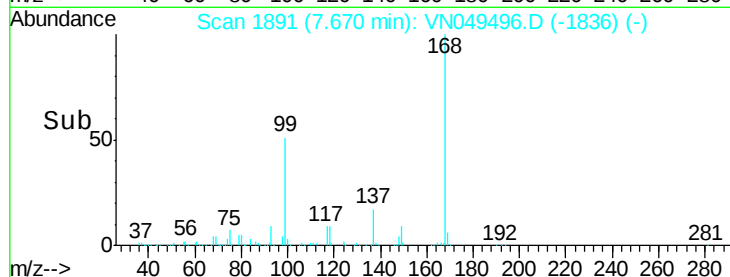
75 100

110 9.1 17.0 50.9#

77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VN049496.D (-1836) (-)



#38

Carbon Tetrachloride

Concen: 5.11 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

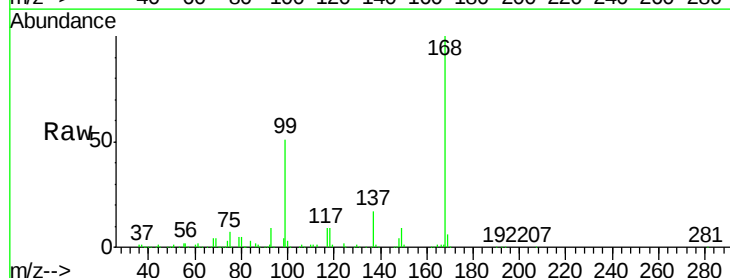
Tgt Ion: 117 Resp: 102818

Ion Ratio Lower Upper

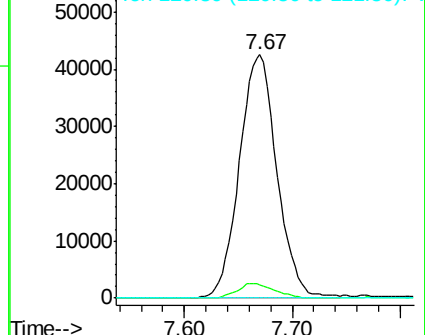
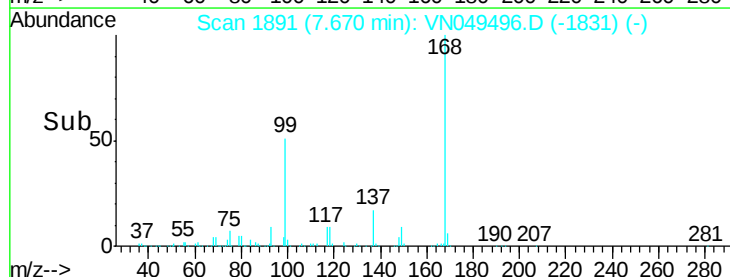
117 100

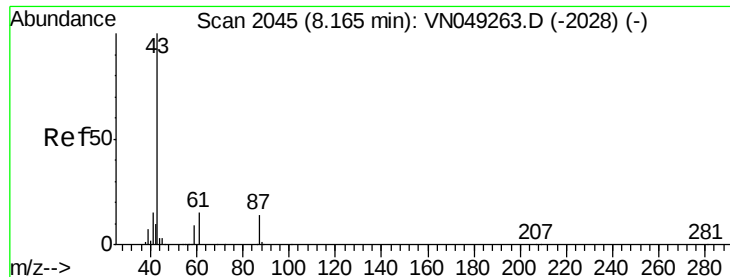
119 5.4 75.6 113.4#

121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): VN049496.D (-1831) (-)





#43

Isopropyl Acetate

Concen: 1.47 ug/l

RT: 8.23 min Scan# 2065

Delta R.T. 0.06 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

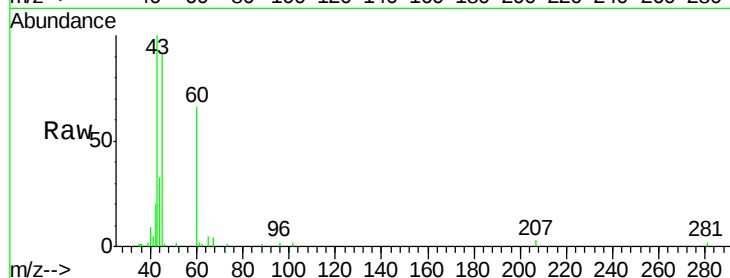
Tot Ion: 43 Resp: 29627

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

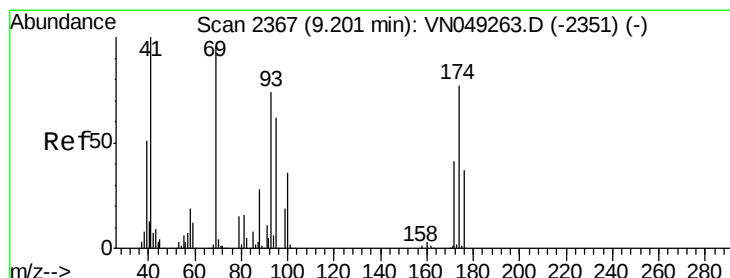
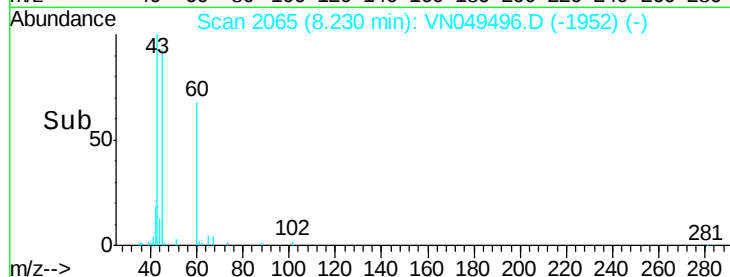
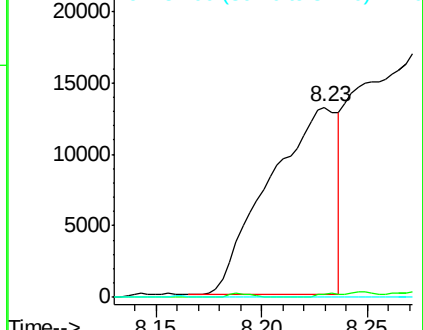
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049496.D (-2274) (-)

Ion 61.00 (60.70 to 61.70): VN049496.D (-2274) (-)

Ion 87.00 (86.70 to 87.70): VN049496.D (-2274) (-)



#49

1,4-Dioxane

Concen: 1.73 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. -0.01 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

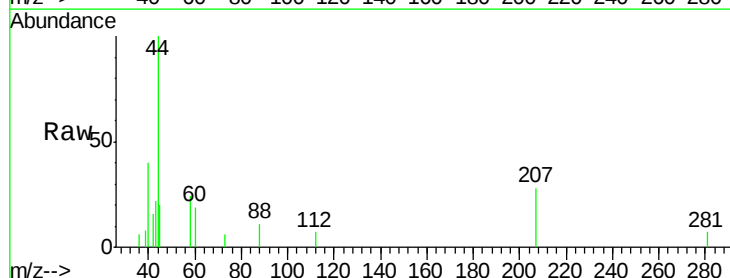
Tgt Ion: 88 Resp: 227

Ion Ratio Lower Upper

88 100

43 188.5 30.9 46.3#

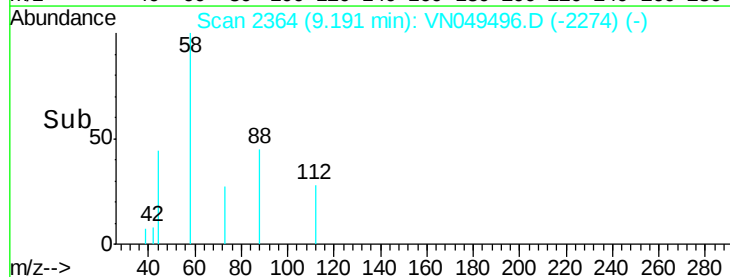
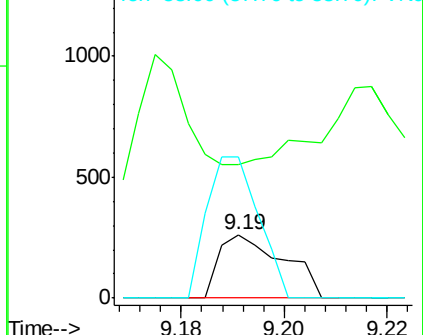
58 178.4 58.9 88.3#

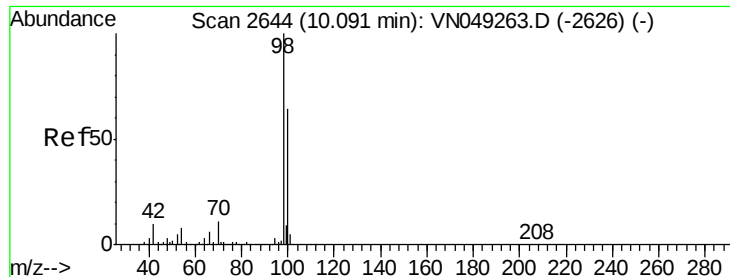


Abundance Ion 88.00 (87.70 to 88.70): VN049496.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049496.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049496.D (-2274) (-)





#50

Toluene-d8

Concen: 45.29 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

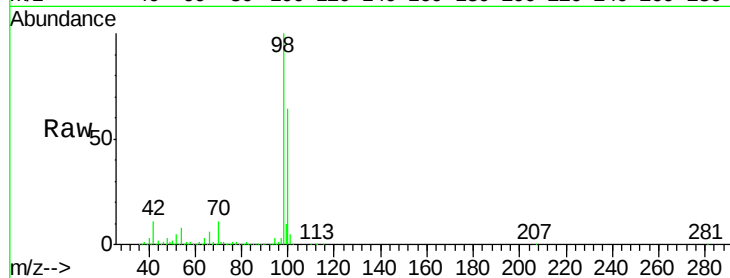
ClientSampled :

Tot Ion: 98 Resp: 2367001

Ion Ratio Lower Upper

98 100

100 63.1 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.09

1500000

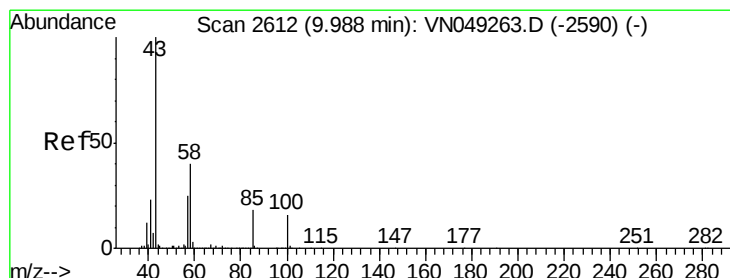
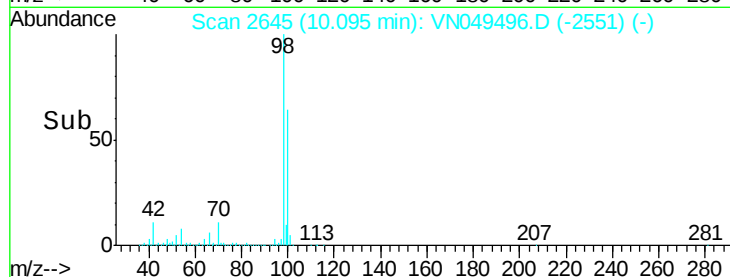
1000000

500000

0

Time-->

10.00 10.10 10.20



#51

4-Methyl-2-Pentanone

Concen: 0.25 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049496.D

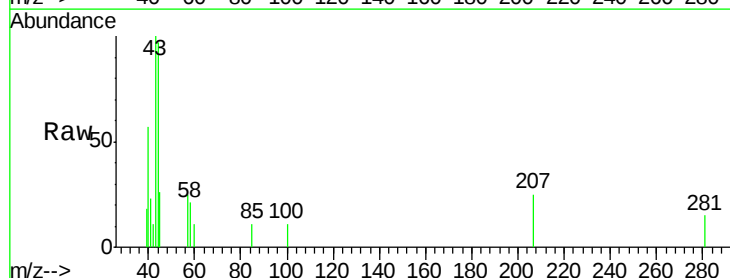
Acq: 22 Jun 2018 17:15

Tgt Ion: 43 Resp: 2605

Ion Ratio Lower Upper

43 100

58 26.1 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

9.99

2500

2000

1500

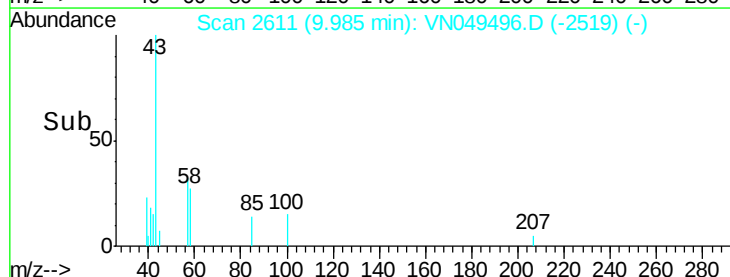
1000

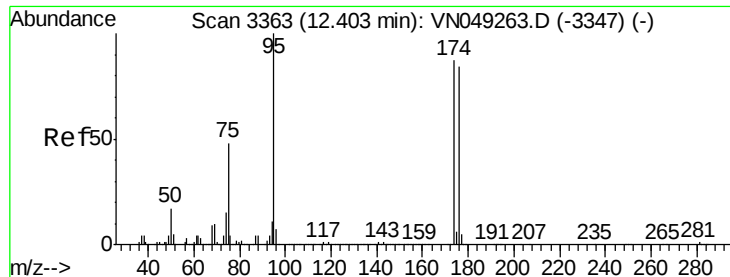
500

0

Time-->

9.95 10.00





#62

4-Bromofluorobenzene

Concen: 30.52 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

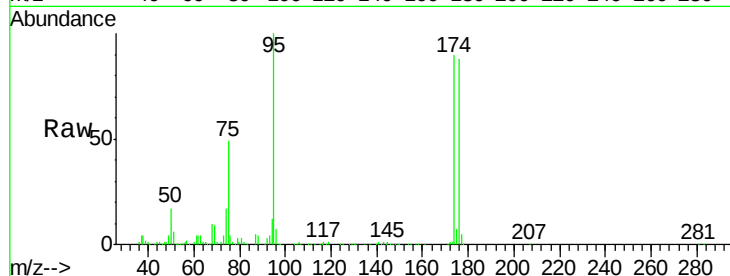
Tot Ion: 95 Resp: 527310

Ion Ratio Lower Upper

95 100

174 90.1 0.0 165.6

176 86.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

12.41

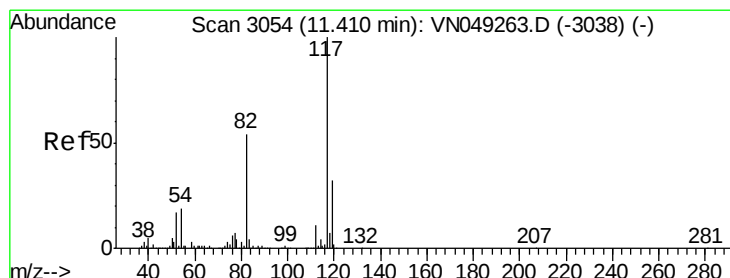
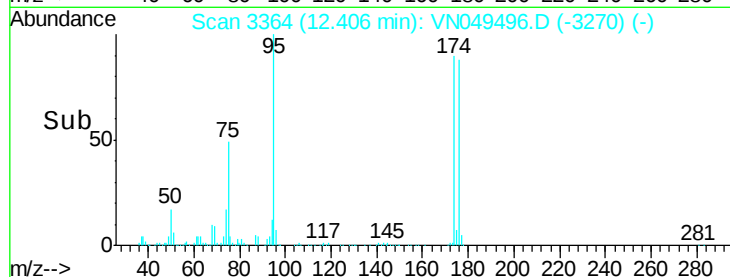
300000

200000

100000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

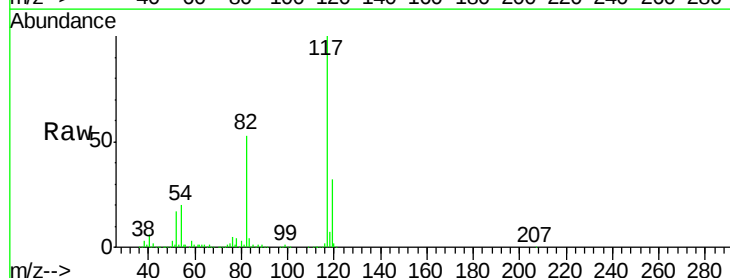
Tgt Ion: 117 Resp: 1402375

Ion Ratio Lower Upper

117 100

82 53.1 45.9 68.9

119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)

11.41

1000000

800000

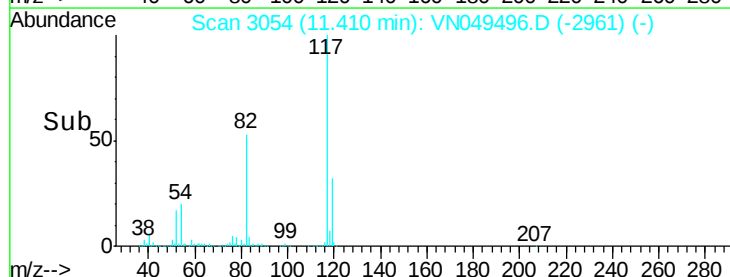
600000

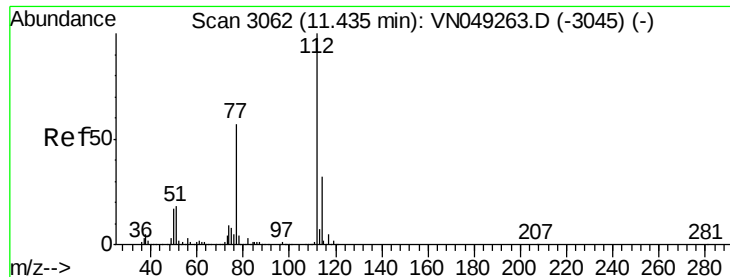
400000

200000

0

Time--> 11.30 11.40 11.50

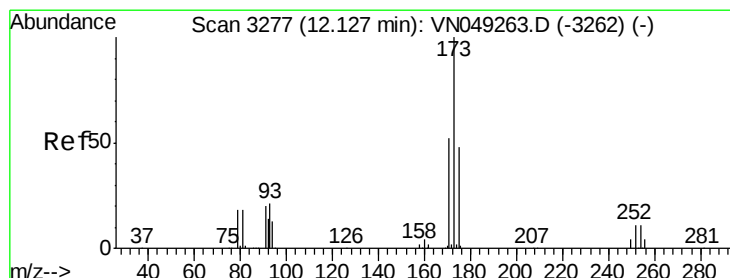
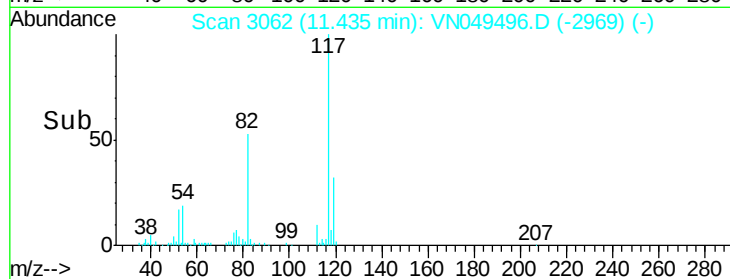
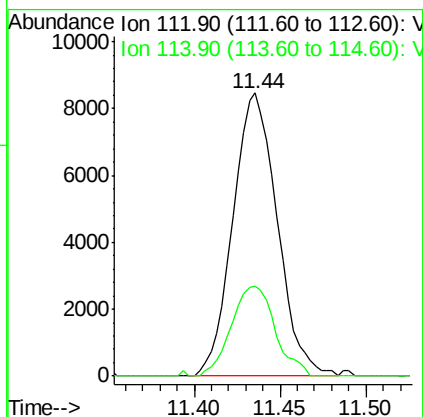
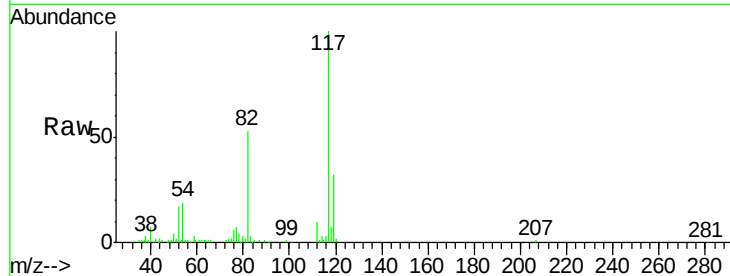




#65
Chlorobenzene
Concen: 0.42 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049496.D
Acq: 22 Jun 2018 17:15

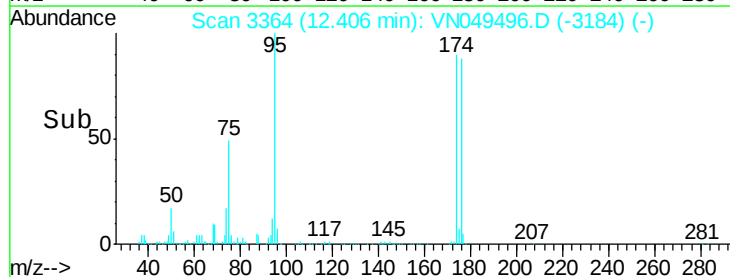
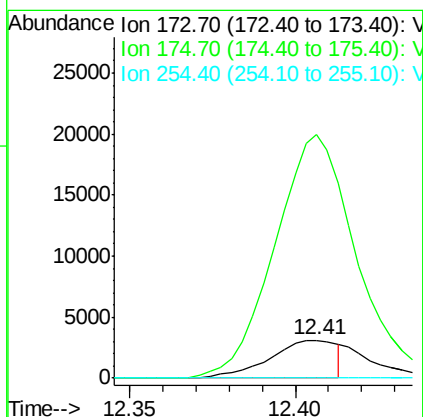
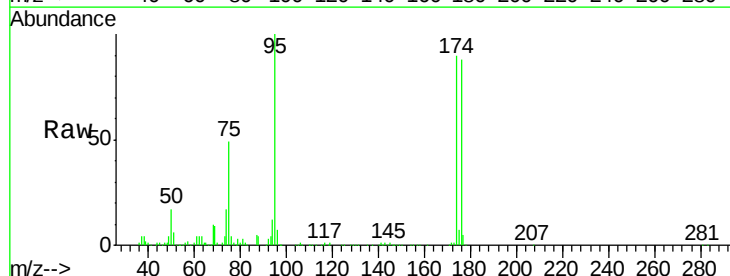
Instrument :
MSVOA_N
ClientSampleId :

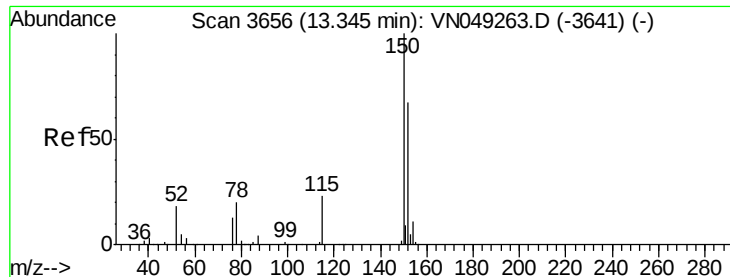
Tot Ion:112 Resp: 15162
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#71
Bromoform
Concen: 0.50 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049496.D
Acq: 22 Jun 2018 17:15

Tgt Ion:173 Resp: 4397
Ion Ratio Lower Upper
173 100
175 589.4 24.5 73.5#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

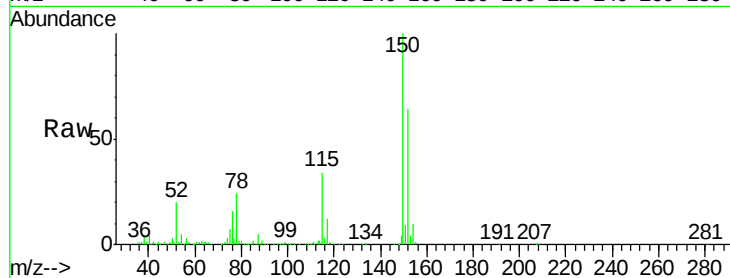
Tot Ion:152 Resp: 315696

Ion Ratio Lower Upper

152 100

115 55.5 28.7 86.1

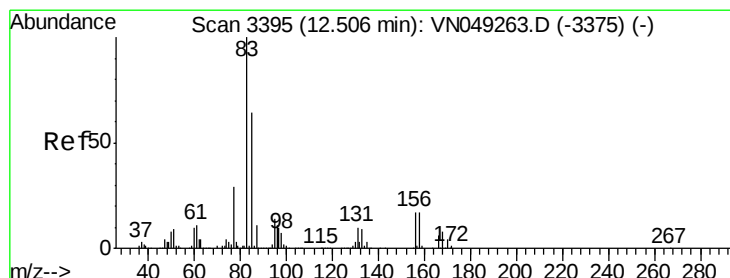
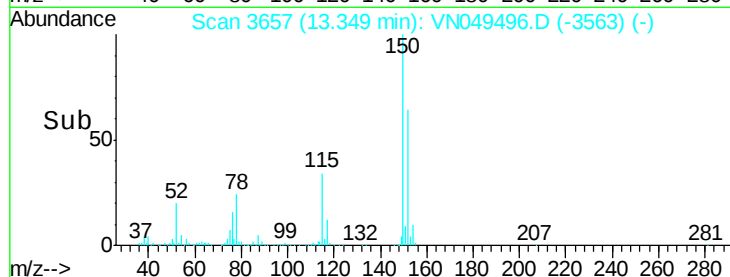
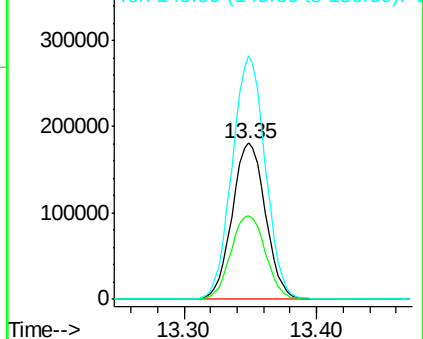
150 155.3 0.0 351.0



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.45 min Scan# 3379

Delta R.T. -0.05 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

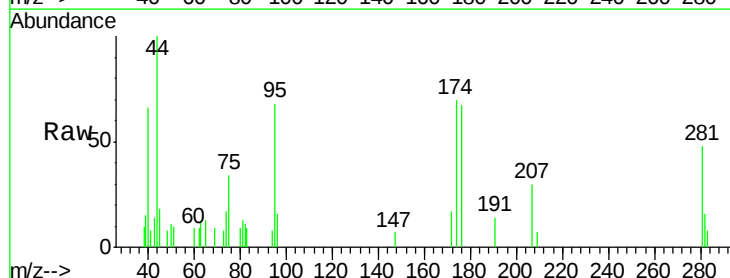
Tgt Ion: 83 Resp: 75

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

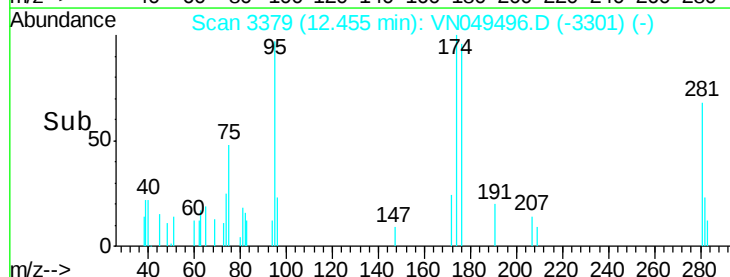
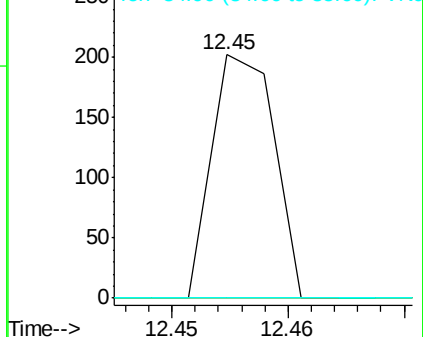
85 0.0 32.0 96.0#

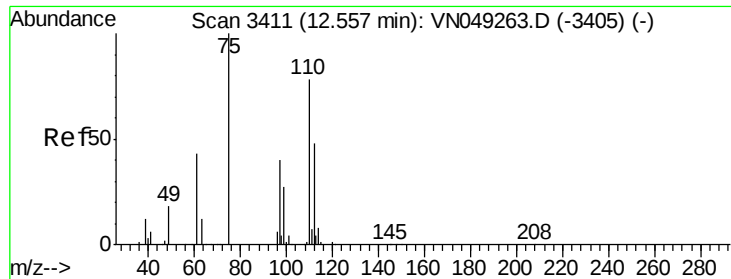


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 47.86 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

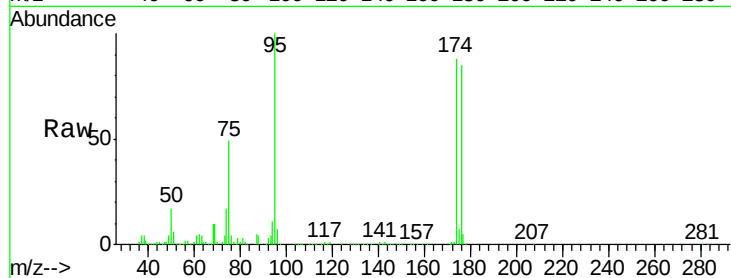
ClientSampleId :

Tot Ion: 75 Resp: 257814

Ion Ratio Lower Upper

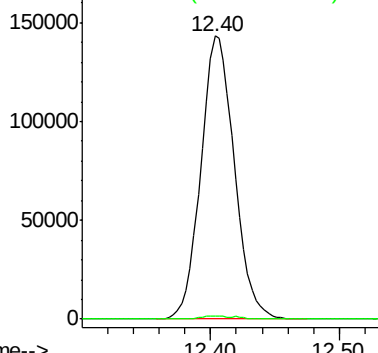
75 100

77 0.9 0.0 0.0#

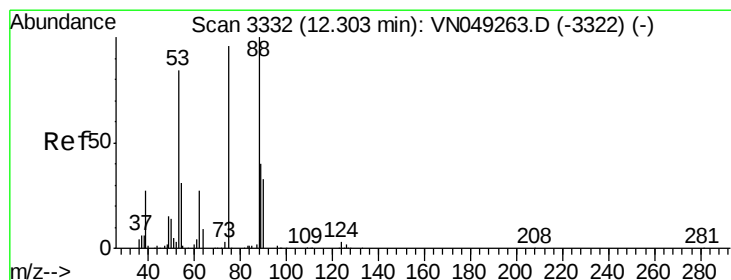
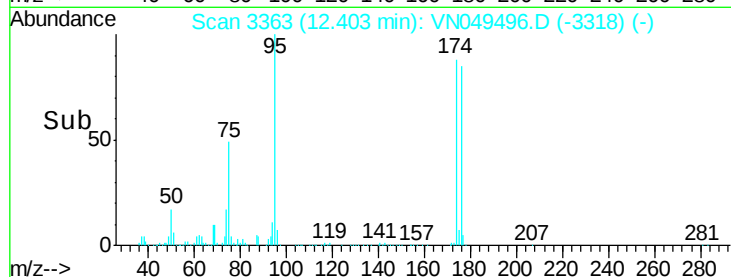


Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 151.27 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

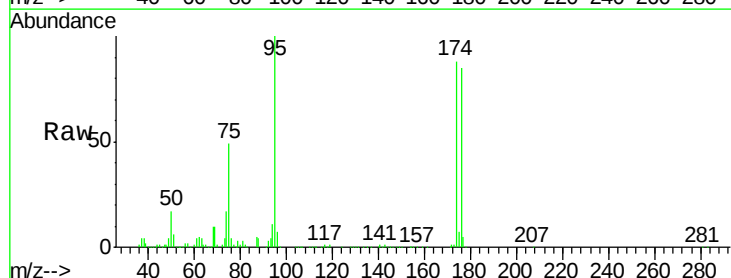
Tgt Ion: 75 Resp: 257814

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

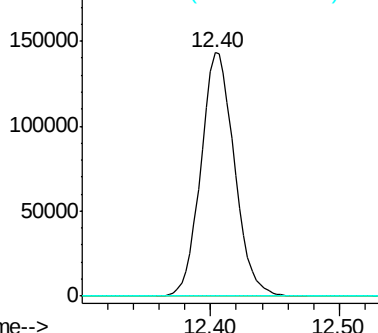
89 0.0 36.5 54.7#



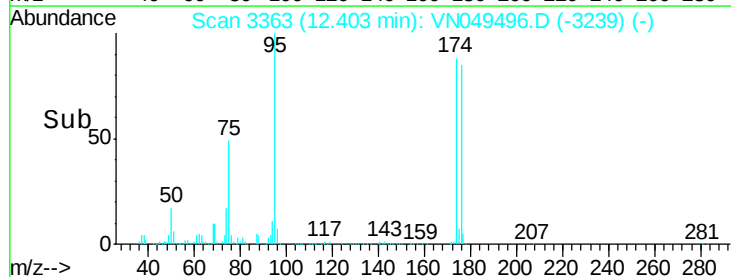
Abundance Ion 74.90 (74.60 to 75.60): VNC

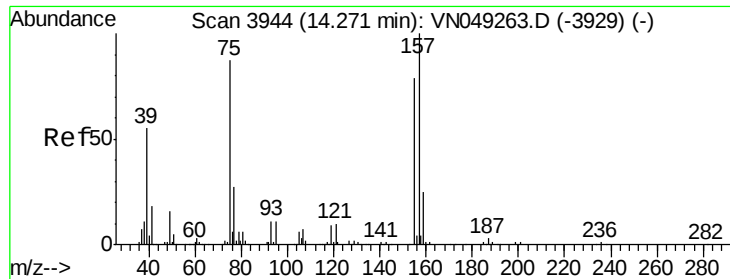
Ion 53.00 (52.70 to 53.70): VNC

Ion 88.90 (88.60 to 89.60): VNC



Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.43 ug/l

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

ClientSampled :

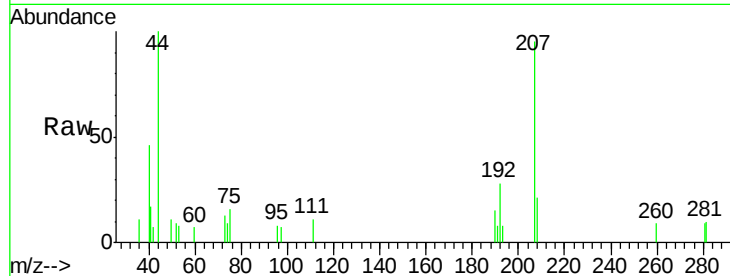
Tot Ion: 75 Resp: 414

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

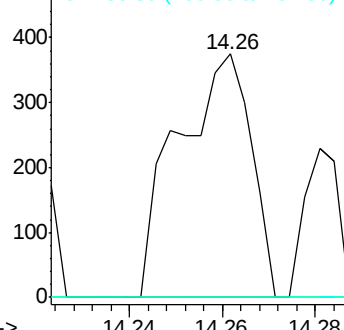
157 0.0 51.0 153.1#



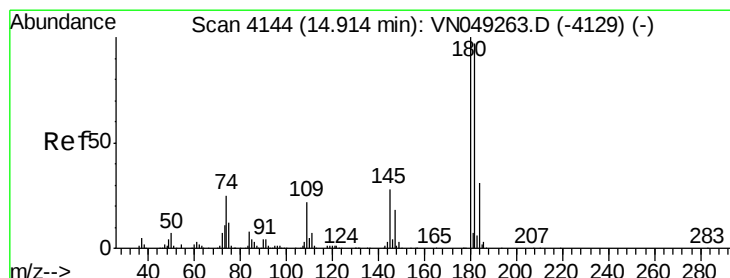
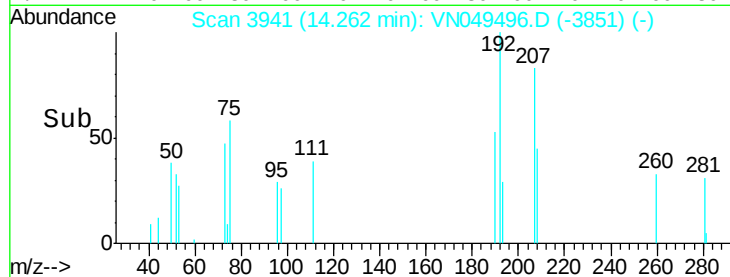
Abundance Ion 74.90 (74.60 to 75.60): VN049496.D (-3851) (-)

Ion 154.80 (154.50 to 155.50): VN049496.D (-3851) (-)

Ion 156.80 (156.50 to 157.50): VN049496.D (-3851) (-)



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.79 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

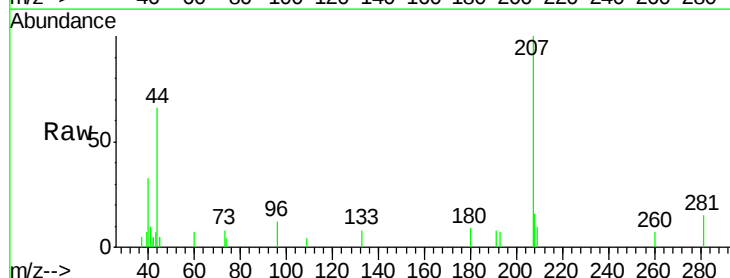
Tgt Ion: 180 Resp: 302

Ion Ratio Lower Upper

180 100

182 23.8 46.9 140.8#

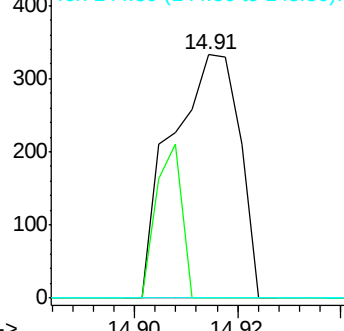
145 0.0 14.7 44.1#



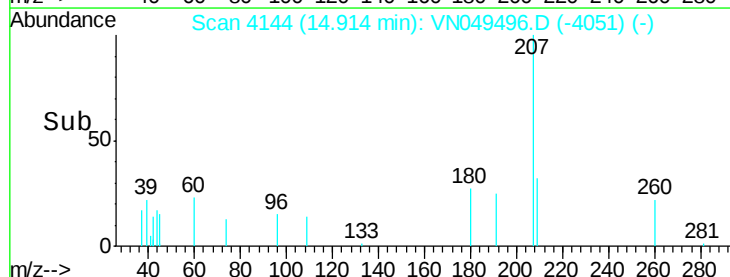
Abundance Ion 179.80 (179.50 to 180.50): VN049496.D (-4051) (-)

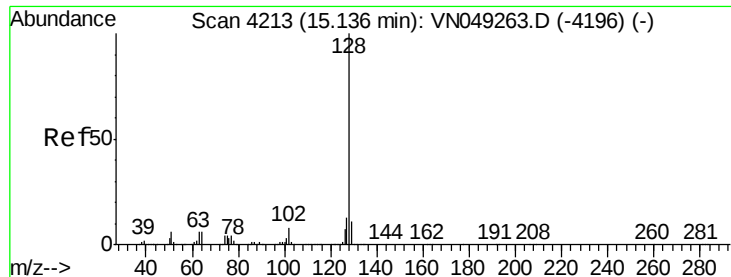
Ion 181.80 (181.50 to 182.50): VN049496.D (-4051) (-)

Ion 144.80 (144.50 to 145.50): VN049496.D (-4051) (-)



Time-->





#95

Naphthalene

Concen: 2.13 ug/l

RT: 15.14 min Scan# 4215

Delta R.T. 0.01 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

ClientSampled :

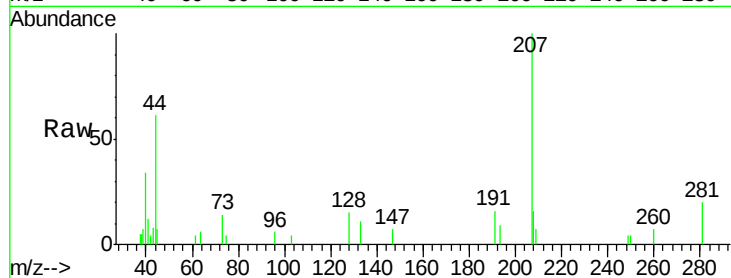
Tot Ion:128 Resp: 456

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

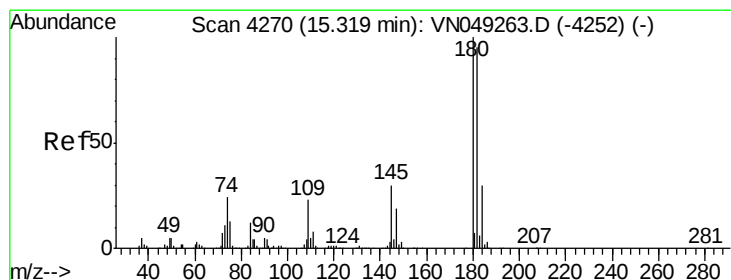
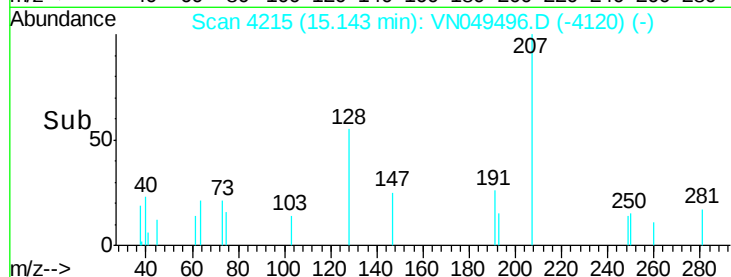
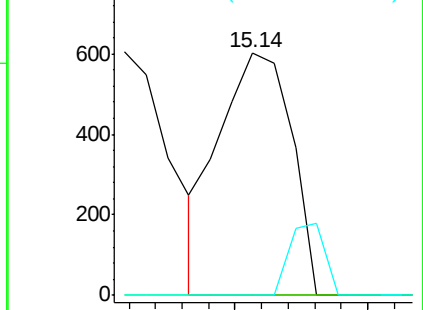
129 14.5 8.5 12.7#



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: 3.49 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

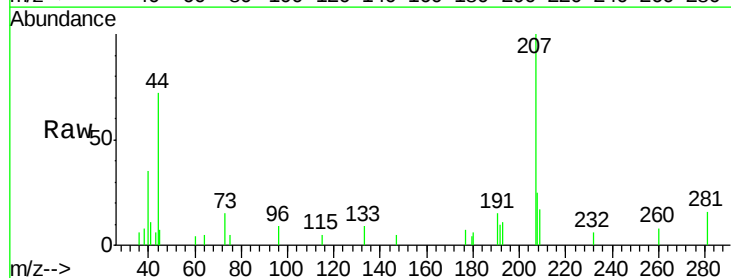
Tgt Ion:180 Resp: 179

Ion Ratio Lower Upper

180 100

182 34.6 47.3 141.8#

145 0.0 15.6 46.7#



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

