

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049642.D
 Acq On : 29 Jun 2018 19:58
 Operator : MD\SY
 Sample : J3612-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 30 01:22:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 29 15:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1130722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1833904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1550088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	593977	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	770224	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
35) Dibromofluoromethane	7.59	113	38758	2.83	ug/l	0.00
Spiked Amount			Recovery	=	5.66%	
50) Toluene-d8	10.09	98	2479914	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
62) 4-Bromofluorobenzene	12.40	95	717815	39.18	ug/l	0.00
Spiked Amount			Recovery	=	78.36%	

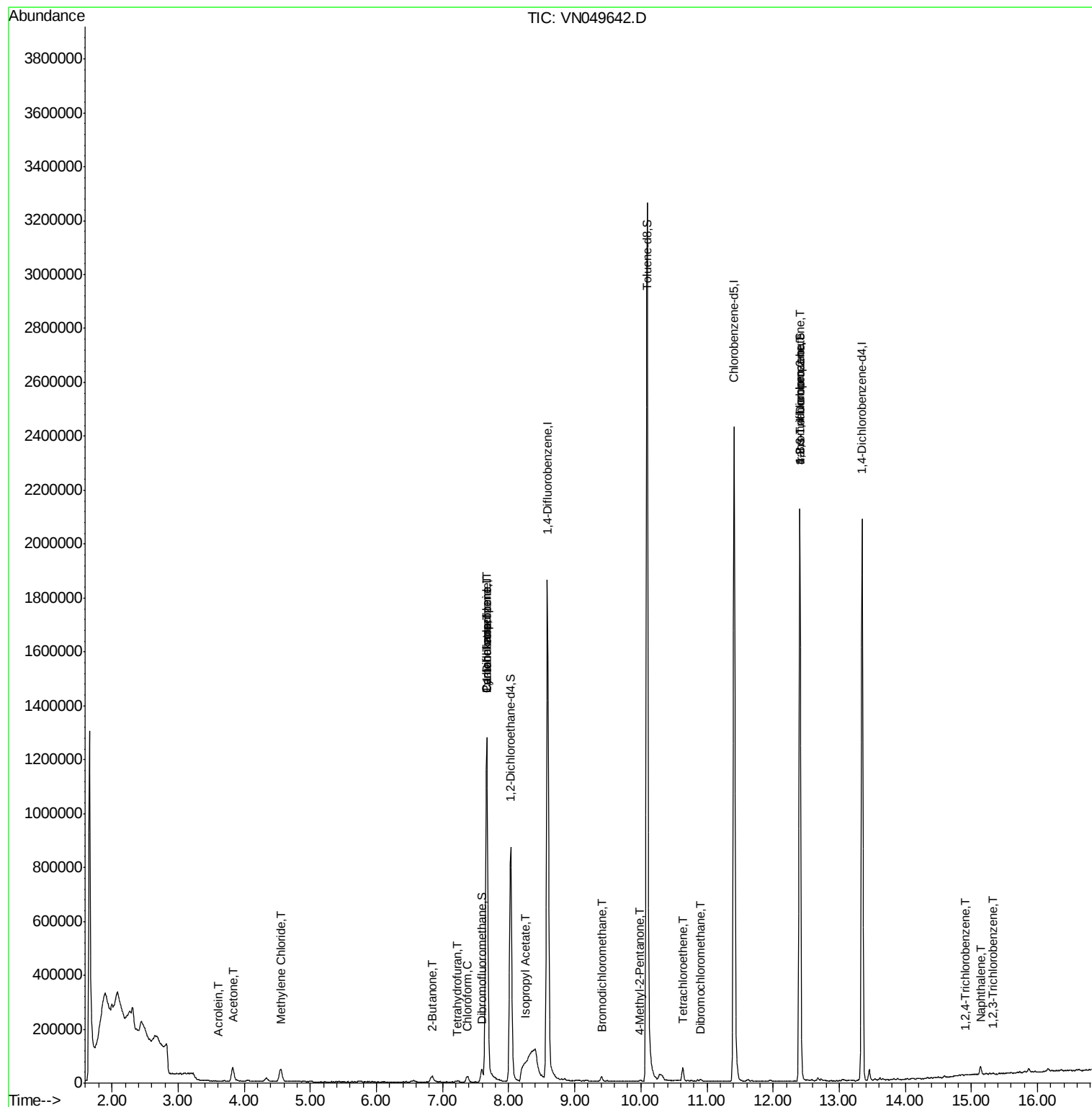
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	855	1.07	ug/l #	64
16) Acetone	3.83	43	94616	28.19	ug/l	92
17) Carbon Disulfide	4.05	76	3229	Below Cal	#	85
18) Methyl Acetate	4.33	43	22404	Below Cal		94
20) Methylene Chloride	4.55	84	36632	2.38	ug/l #	83
25) 2-Butanone	6.85	43	10199	2.06	ug/l #	82
29) Tetrahydrofuran	7.22	42	3815	1.21	ug/l #	58
30) Chloroform	7.37	83	22874	0.86	ug/l	91
31) Cyclohexane	7.67	56	21993	0.25	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	77631	3.76	ug/l #	51
38) Carbon Tetrachloride	7.67	117	102509	5.11	ug/l #	18
43) Isopropyl Acetate	8.25	43	81589	2.87	ug/l #	65
47) Bromodichloromethane	9.41	83	10792	0.51	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3667	0.31	ug/l #	39
60) Dibromochloromethane	10.91	129	4595	0.30	ug/l	89
64) Tetrachloroethene	10.63	164	12350	0.59	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.50	83	62	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	355840	38.35	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	355840	126.87	ug/l #	9
87) 1,3-Dichlorobenzene	13.28	146	1374	Below Cal		85
88) 1,4-Dichlorobenzene	13.28	146	1374	Below Cal		85
91) 1,2-Dichlorobenzene	13.66	146	1110	Below Cal		96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	129	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	14.92	180	850	2.48	ug/l #	69
94) Hexachlorobutadiene	15.02	225	166	Below Cal	#	41
95) Naphthalene	15.14	128	25606	3.73	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	528	1.70	ug/l #	19

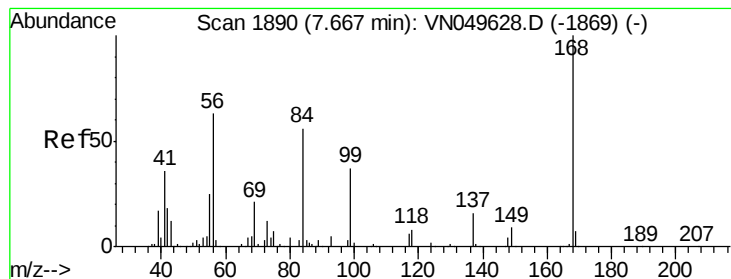
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 29 15:11:52 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: VN049642.D

Acq: 29 Jun 2018 19:58

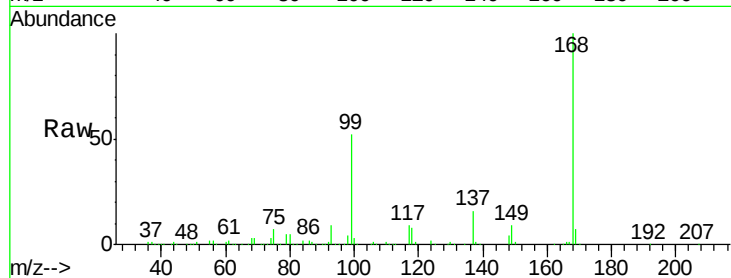
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1130722

Ion Ratio Lower Upper

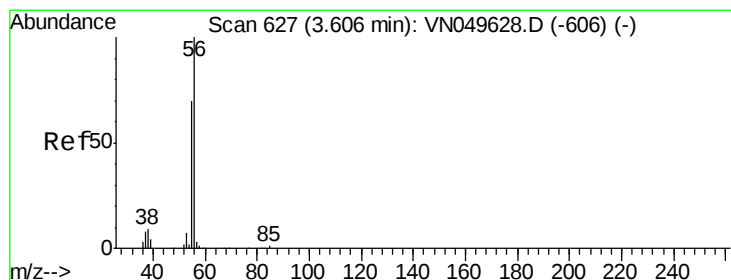
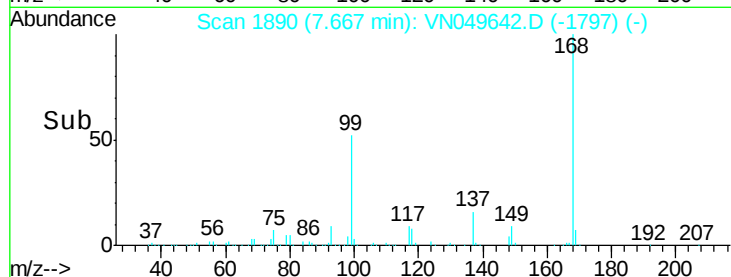
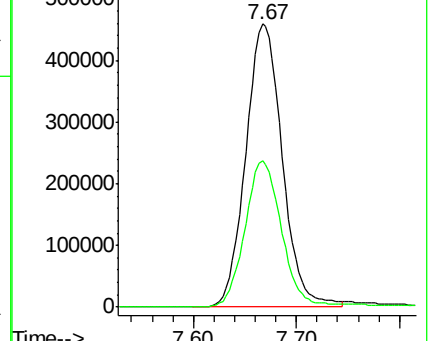
168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#13

Acrolein

Concen: 1.07 ug/l

RT: 3.60 min Scan# 625

Delta R.T. -0.01 min

Lab File: VN049642.D

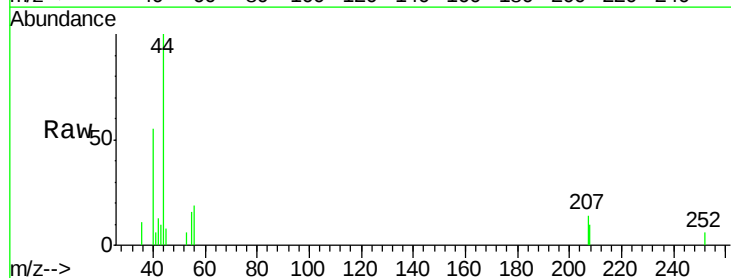
Acq: 29 Jun 2018 19:58

Tgt Ion: 56 Resp: 855

Ion Ratio Lower Upper

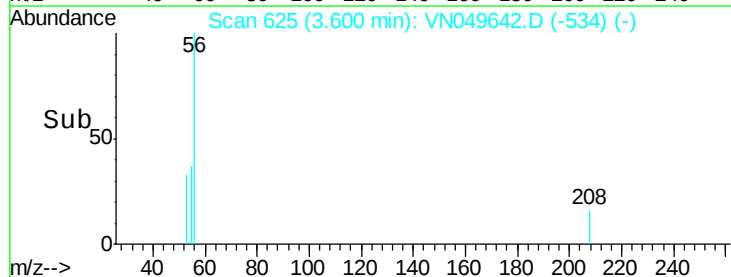
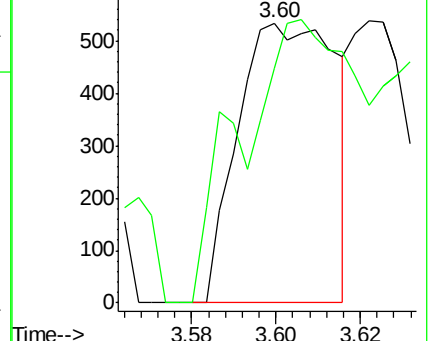
56 100

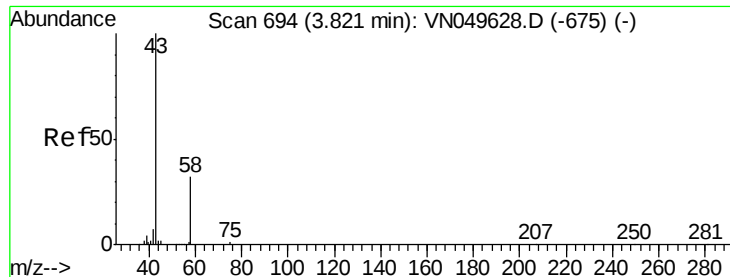
55 41.9 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 28.19 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

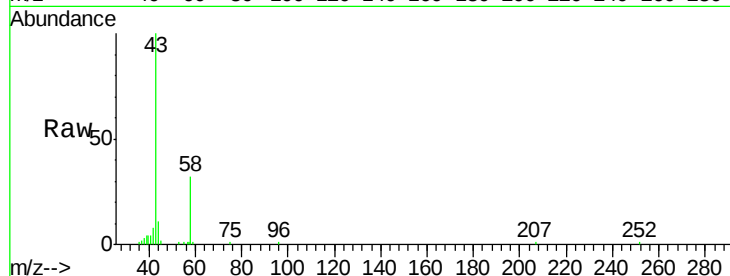
ClientSampleId :

Tot Ion: 43 Resp: 94616

Ion Ratio Lower Upper

43 100

58 32.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049642.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049642.D (-600) (-)

3.83

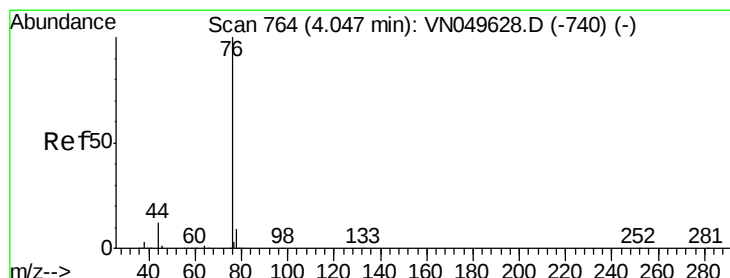
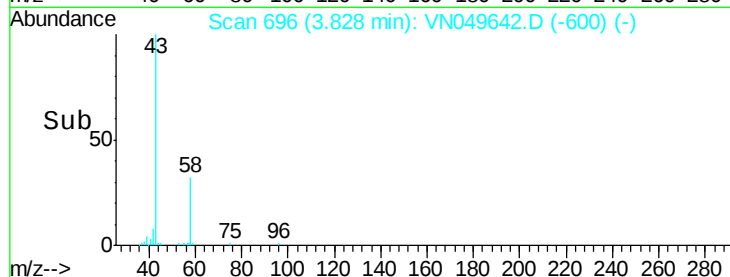
30000

20000

10000

0

Time--> 3.70 3.80 3.90



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049642.D

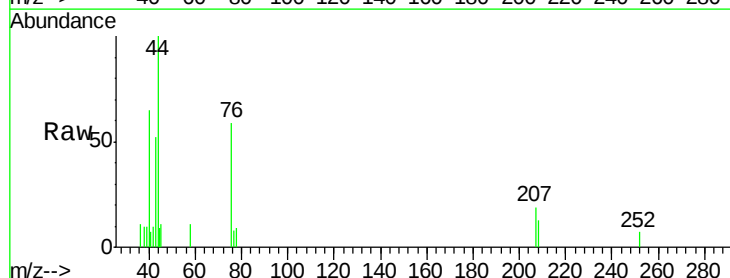
Acq: 29 Jun 2018 19:58

Tgt Ion: 76 Resp: 3229

Ion Ratio Lower Upper

76 100

78 14.7 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN049642.D (-671) (-)

Ion 77.90 (77.60 to 78.60): VN049642.D (-671) (-)

4.05

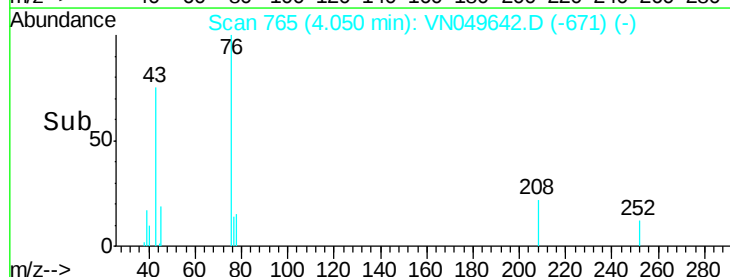
1500

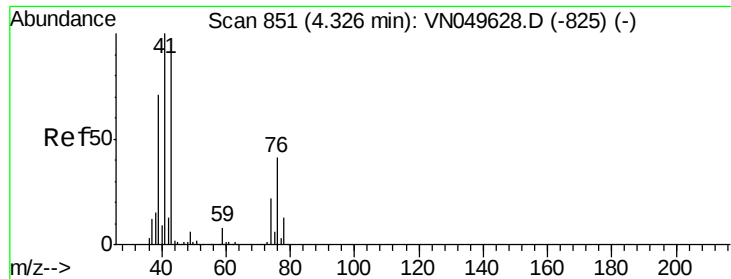
1000

500

0

Time--> 4.00 4.05

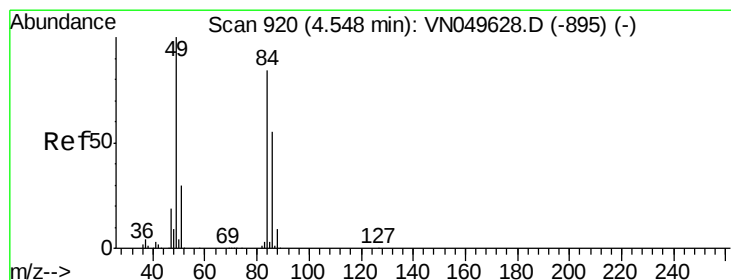
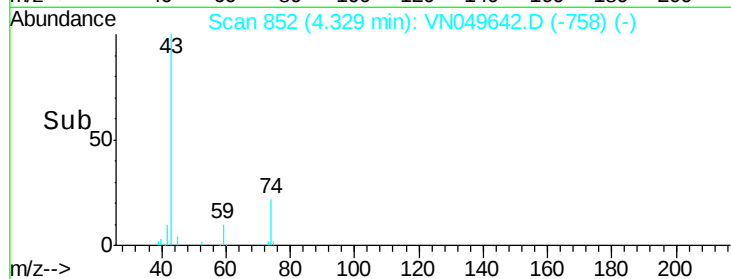
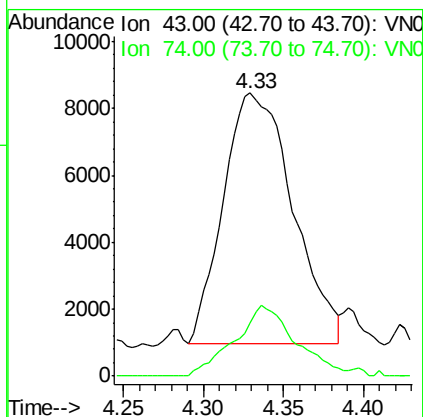
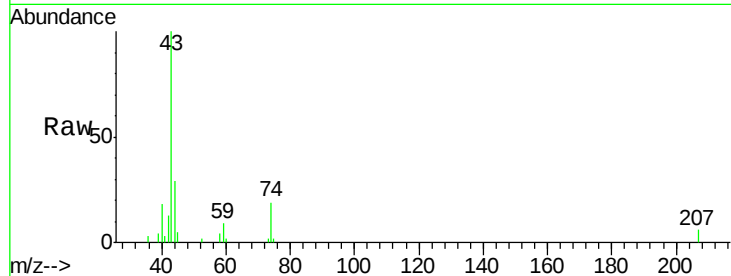




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

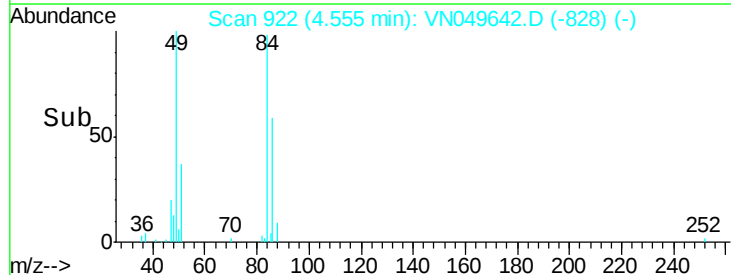
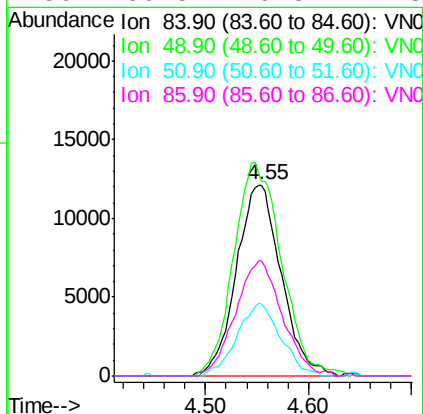
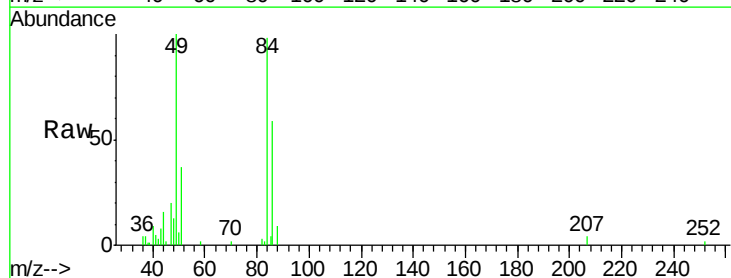
Instrument :
MSVOA_N
ClientSampled :

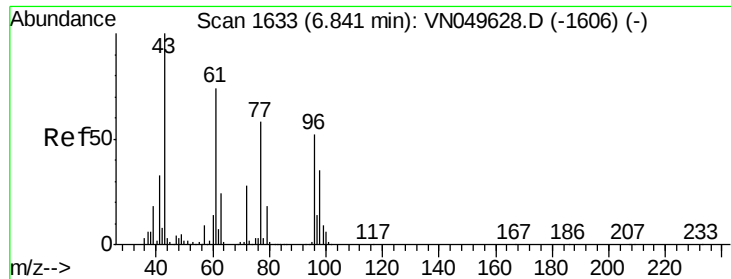
Tot Ion: 43 Resp: 22404
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0



#20
Methylene Chloride
Concen: 2.38 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

Tgt Ion: 84 Resp: 36632
Ion Ratio Lower Upper
84 100
49 101.9 106.9 160.3#
51 37.6 32.7 49.1
86 60.5 49.8 74.8

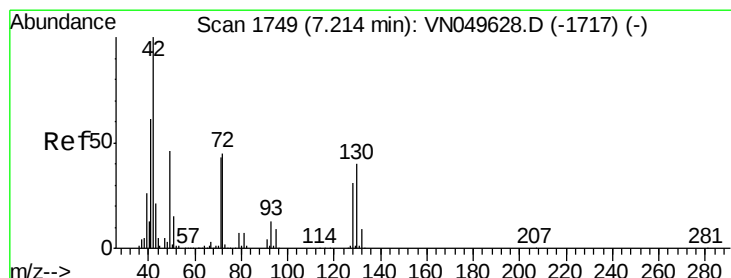
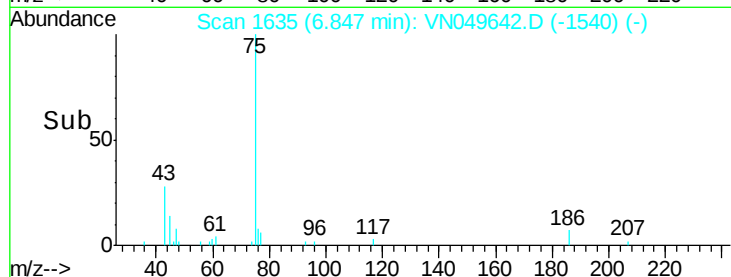
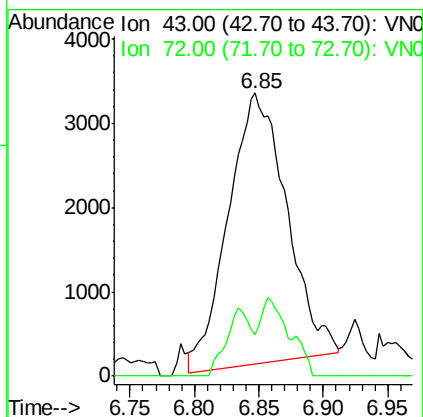
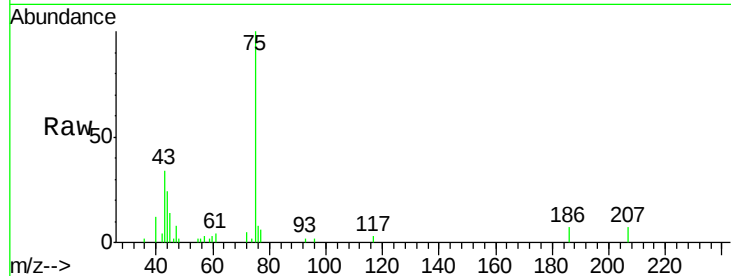




#25
2-Butanone
Concen: 2.06 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

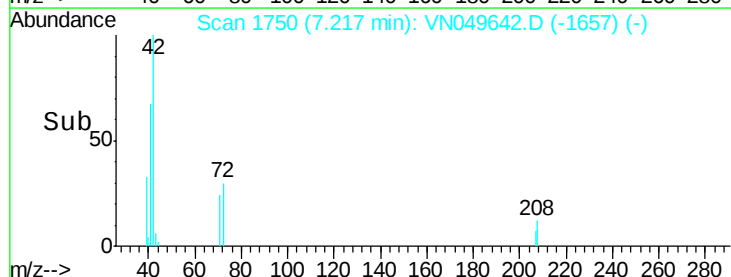
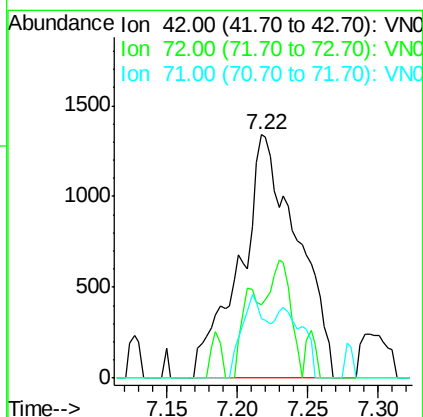
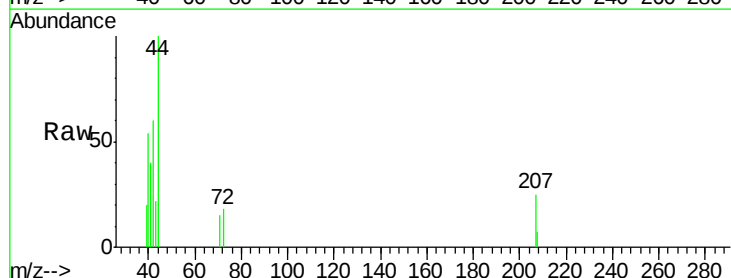
Instrument :
MSVOA_N
ClientSampled :

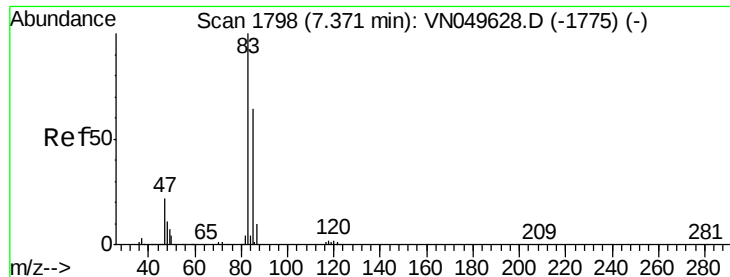
Tot Ion: 43 Resp: 10199
Ion Ratio Lower Upper
43 100
72 15.9 20.2 30.2#



#29
Tetrahydrofuran
Concen: 1.21 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

Tgt Ion: 42 Resp: 3815
Ion Ratio Lower Upper
42 100
72 12.1 32.2 48.4#
71 14.5 30.5 45.7#

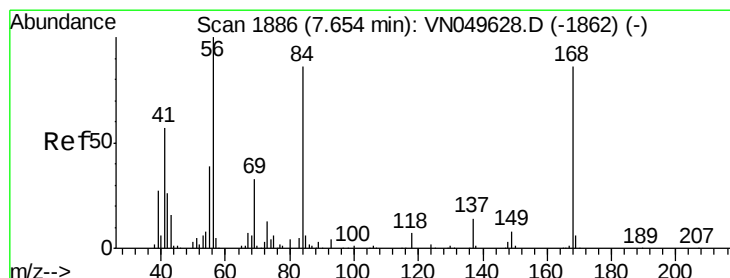
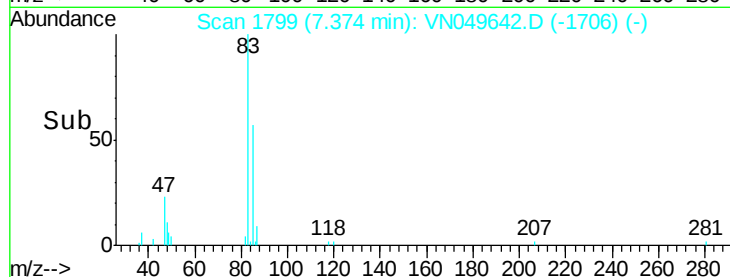
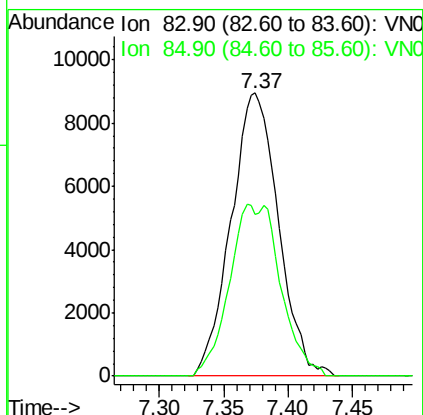
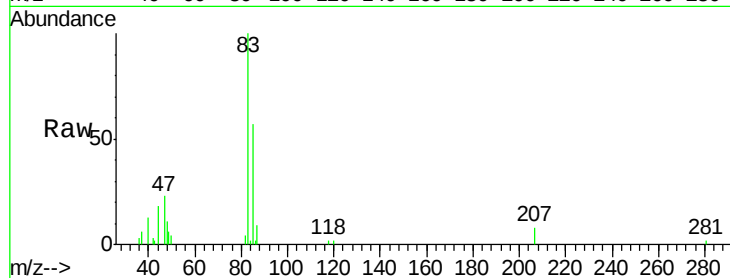




#30
Chloroform
Concen: 0.86 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

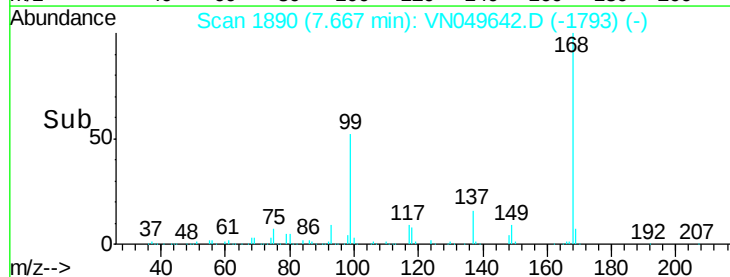
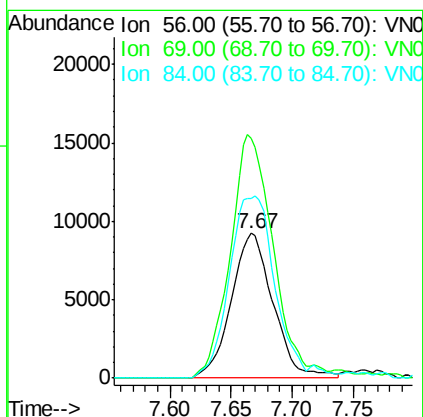
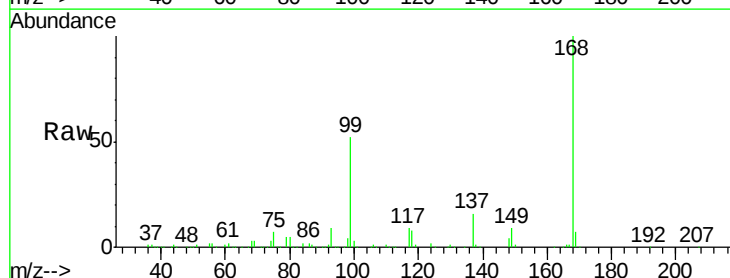
Instrument :
MSVOA_N
ClientSampleId :

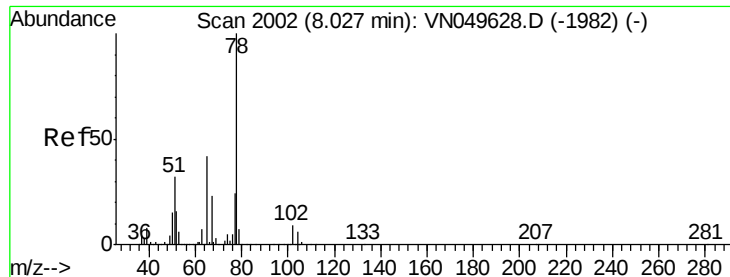
Tot Ion: 83 Resp: 22874
Ion Ratio Lower Upper
83 100
85 57.4 51.7 77.5



#31
Cyclohexane
Concen: 0.25 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

Tgt Ion: 56 Resp: 21993
Ion Ratio Lower Upper
56 100
69 165.7 25.0 37.4#
84 124.0 64.6 96.8#

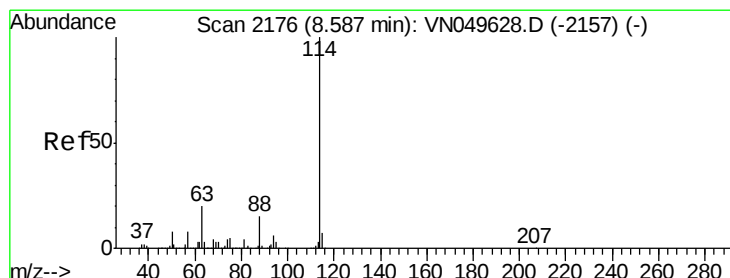
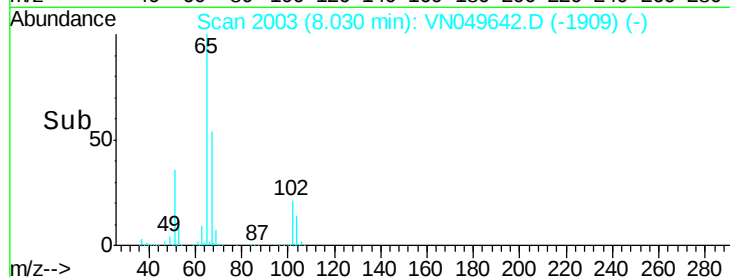
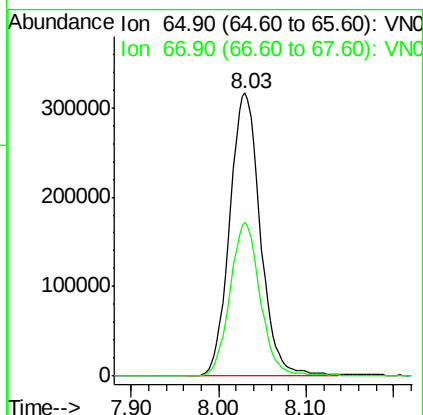
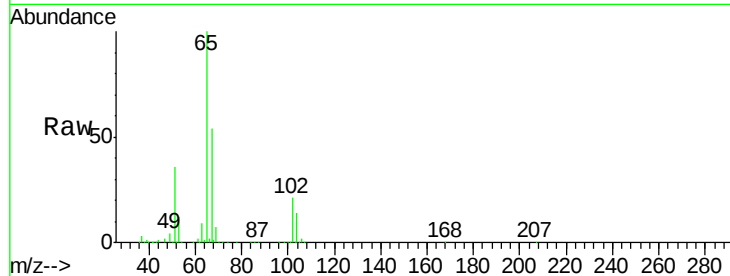




#33
 1,2-Dichloroethane-d4
 Concen: 51.58 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049642.D
 Acq: 29 Jun 2018 19:58

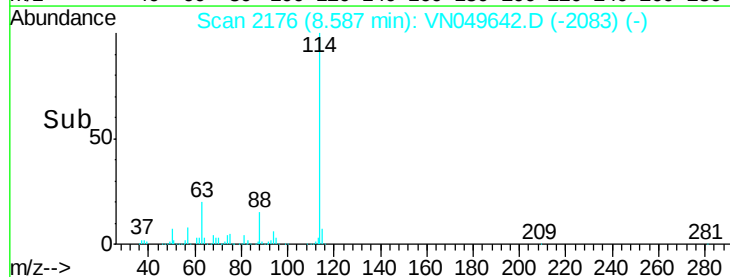
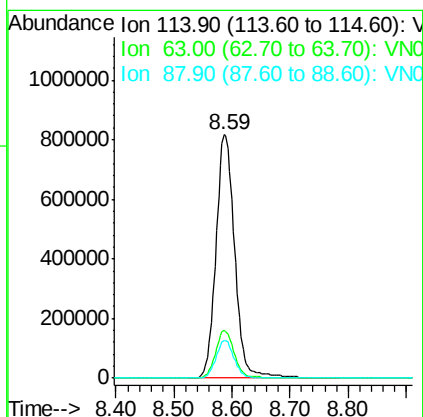
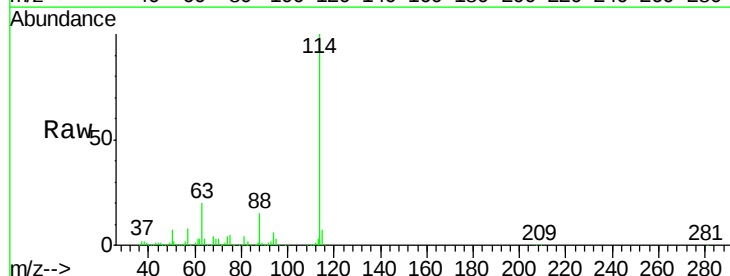
Instrument :
 MSVOA_N
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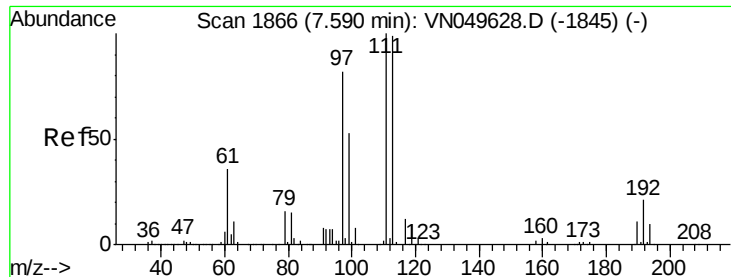
Tot Ion: 65 Resp: 770224
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049642.D
 Acq: 29 Jun 2018 19:58

Tgt Ion: 114 Resp: 1833904
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 44.4
 88 15.5 0.0 31.4

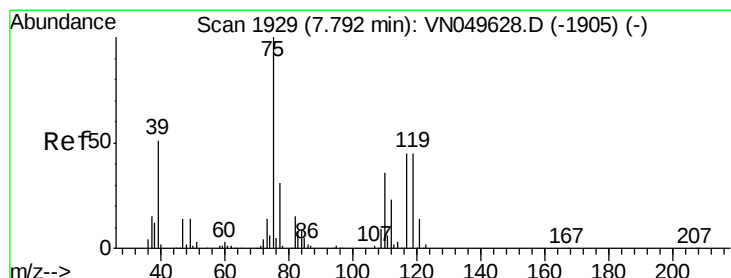
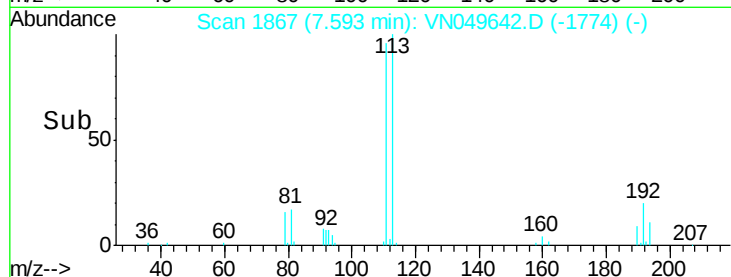
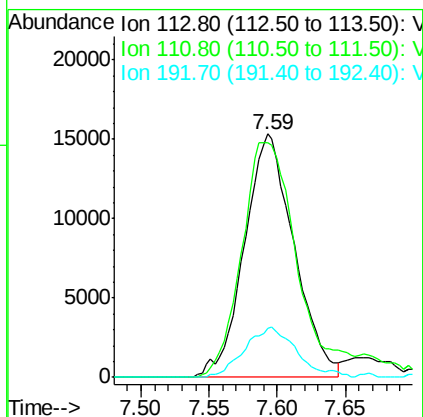
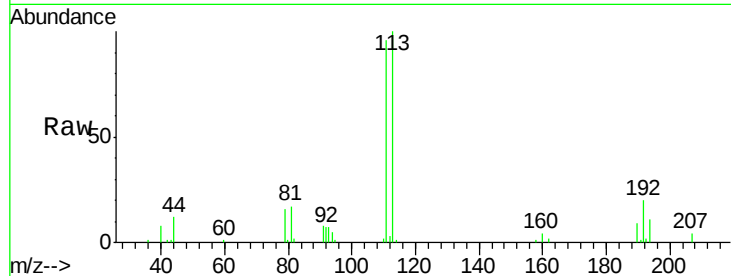




#35
Dibromofluoromethane
Concen: 2.83 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

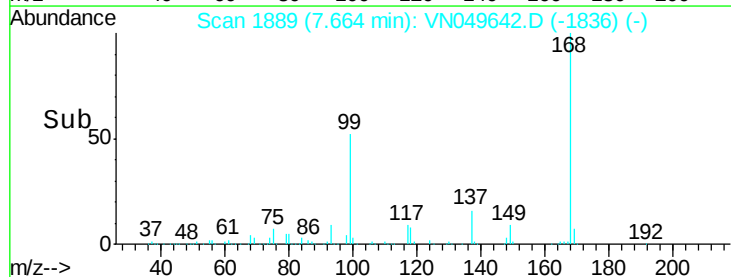
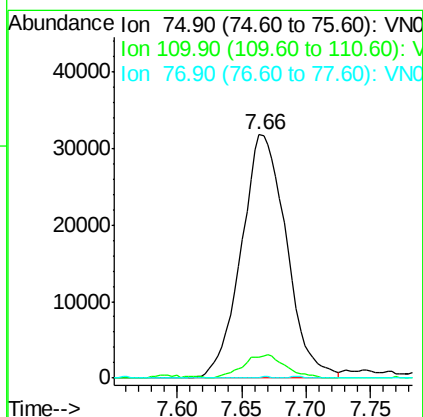
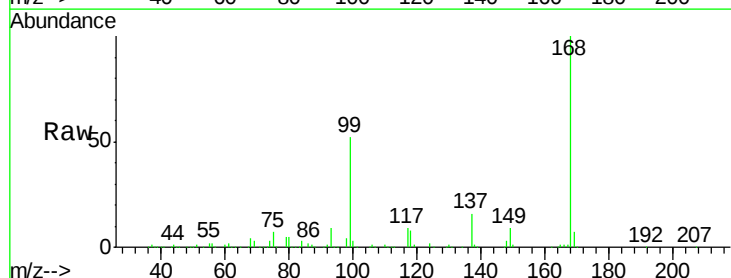
Instrument :
MSVOA_N
ClientSampleId :

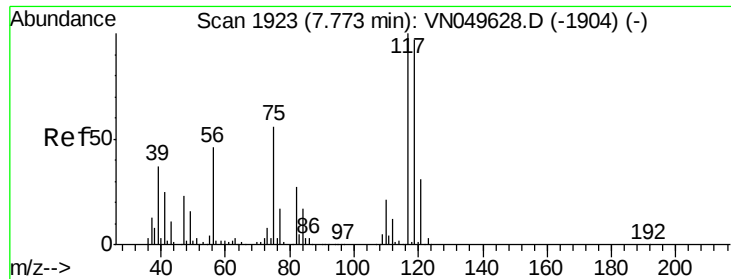
Tot Ion:113 Resp: 38758
Ion Ratio Lower Upper
113 100
111 107.4 82.4 123.6
192 20.9 15.0 22.6



#36
1,1-Dichloropropene
Concen: 3.76 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.13 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

Tgt Ion: 75 Resp: 77631
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.1 24.4 36.6#

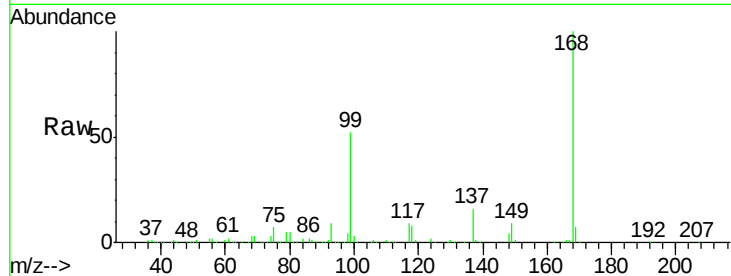




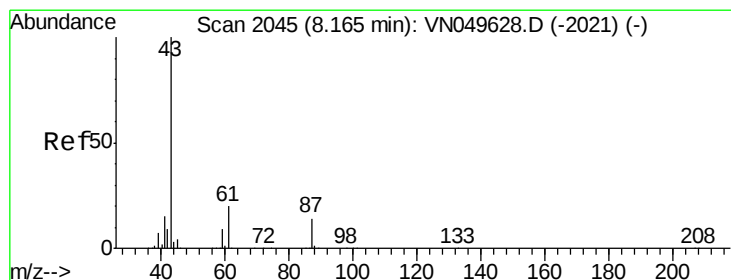
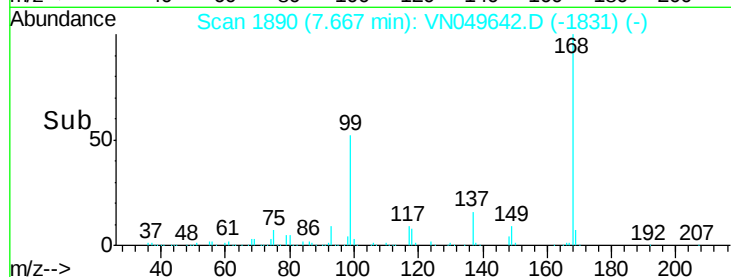
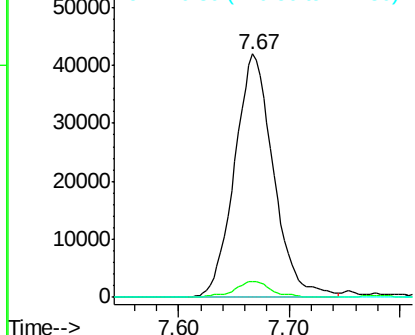
#38
Carbon Tetrachloride
Concen: 5.11 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 102509
Ion Ratio Lower Upper
117 100
119 6.5 75.6 113.4#
121 0.0 24.7 37.1#

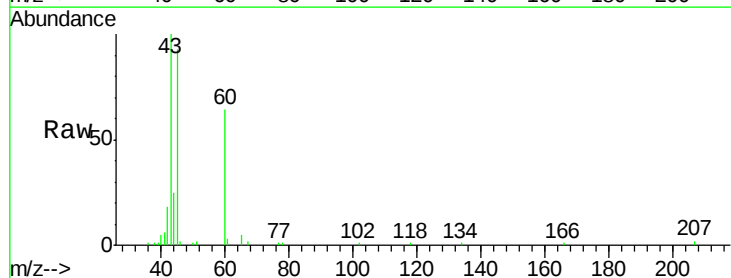


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

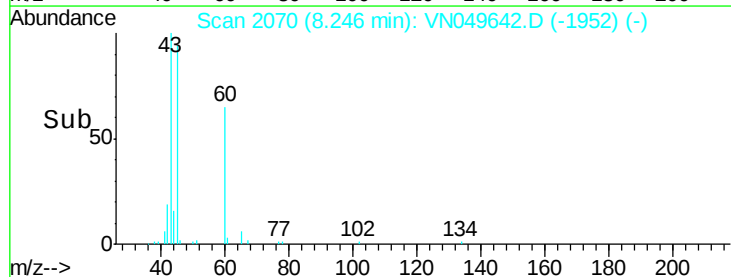
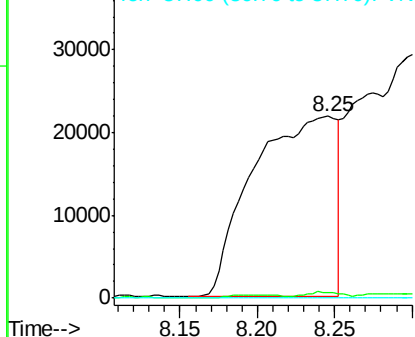


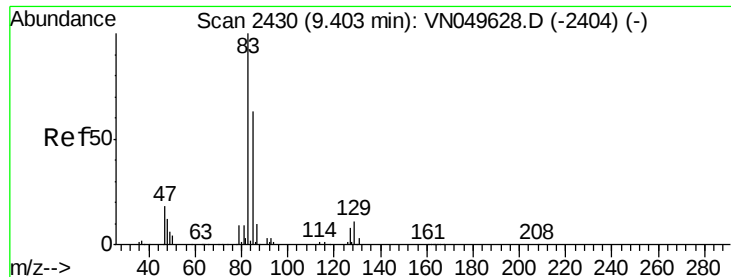
#43
Isopropyl Acetate
Concen: 2.87 ug/l
RT: 8.25 min Scan# 2070
Delta R.T. 0.08 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

Tgt Ion: 43 Resp: 81589
Ion Ratio Lower Upper
43 100
61 0.8 14.2 21.4#
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.51 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

ClientSampleId :

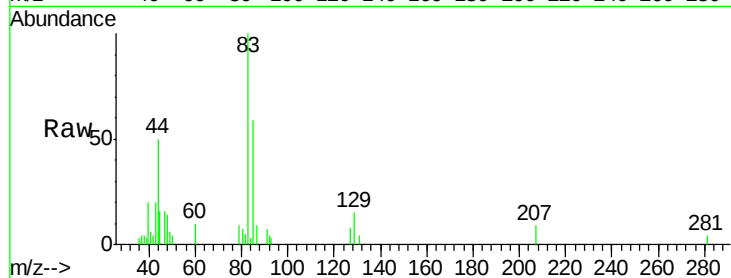
Tot Ion: 83 Resp: 10792

Ion Ratio Lower Upper

83 100

85 58.9 49.4 74.0

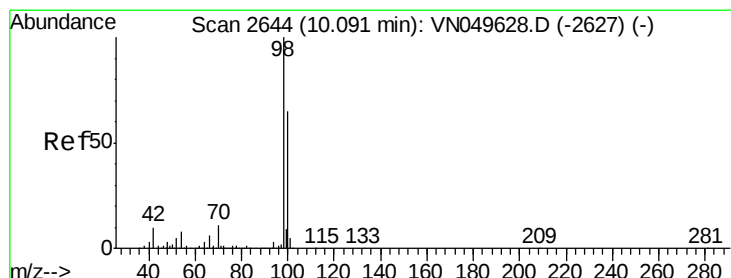
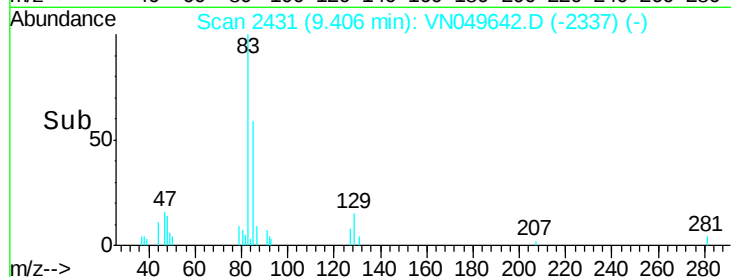
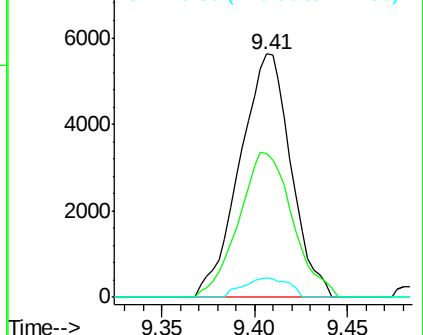
127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049628.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN049628.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN049628.D (-2404) (-)



#50

Toluene-d8

Concen: 46.21 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049642.D

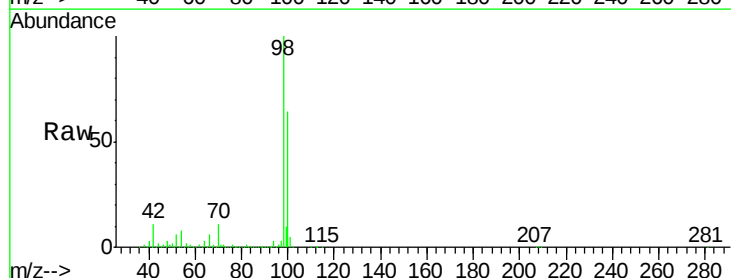
Acq: 29 Jun 2018 19:58

Tgt Ion: 98 Resp: 2479914

Ion Ratio Lower Upper

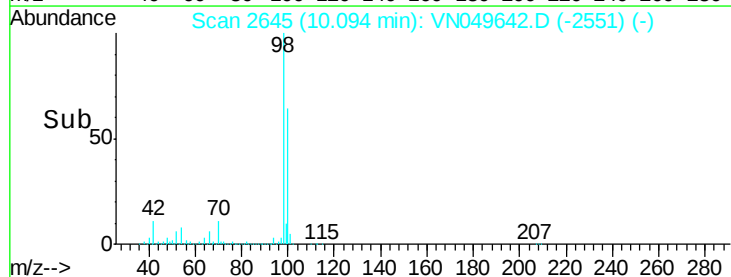
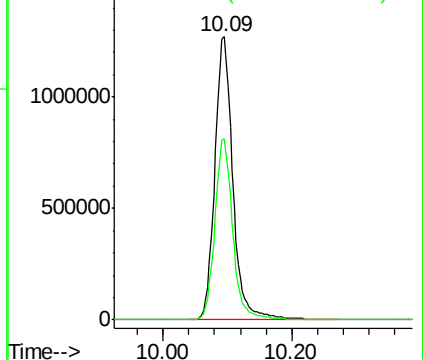
98 100

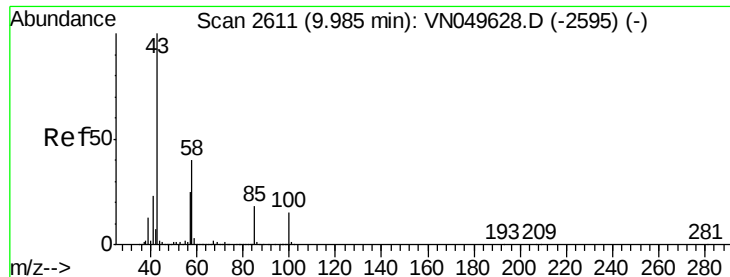
100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049628.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN049628.D (-2627) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.31 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

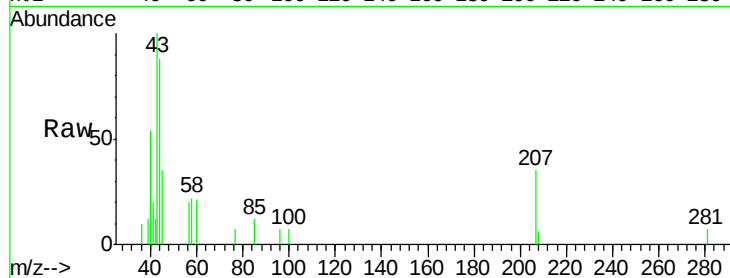
ClientSampleId :

Tot Ion: 43 Resp: 3667

Ion Ratio Lower Upper

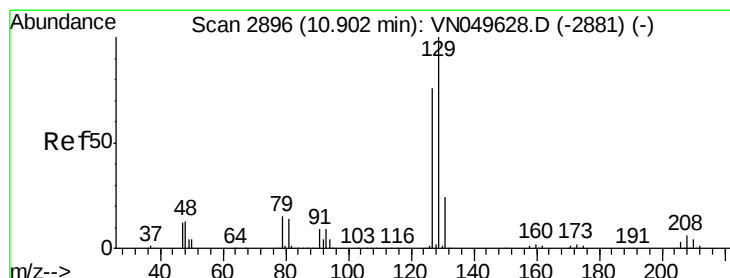
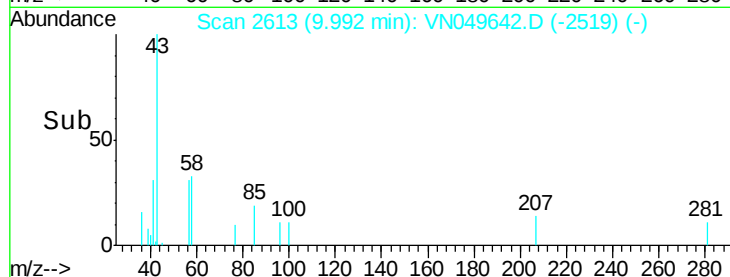
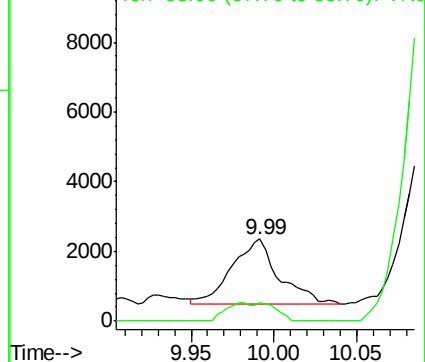
43 100

58 0.0 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2595) (-)

Ion 58.00 (57.70 to 58.70): VN049628.D (-2595) (-)



#60

Dibromochloromethane

Concen: 0.30 ug/l

RT: 10.91 min Scan# 2899

Delta R.T. 0.01 min

Lab File: VN049642.D

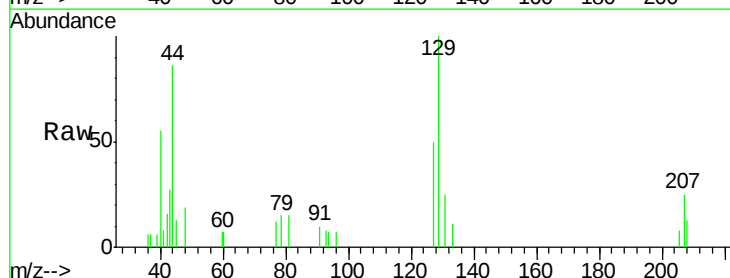
Acq: 29 Jun 2018 19:58

Tgt Ion: 129 Resp: 4595

Ion Ratio Lower Upper

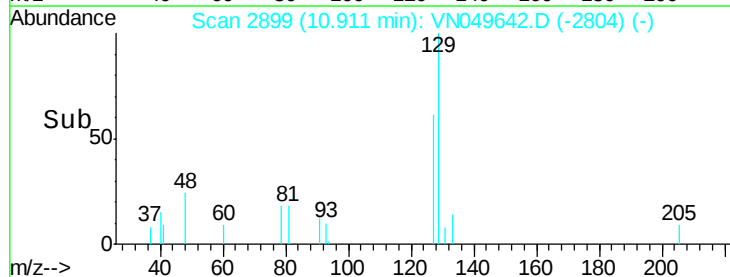
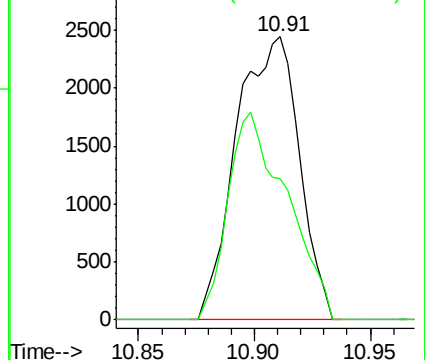
129 100

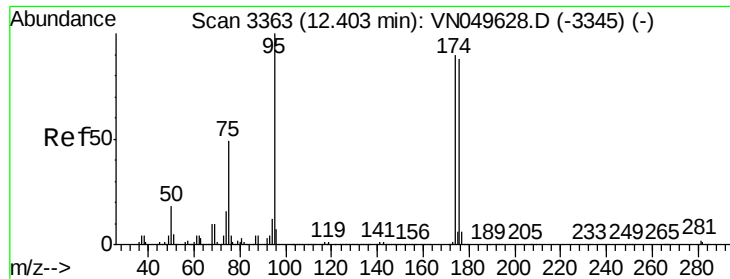
127 68.8 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VN049628.D (-2881) (-)

Ion 126.80 (126.50 to 127.50): VN049628.D (-2881) (-)





#62

4-Bromofluorobenzene

Concen: 39.18 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

ClientSampled :

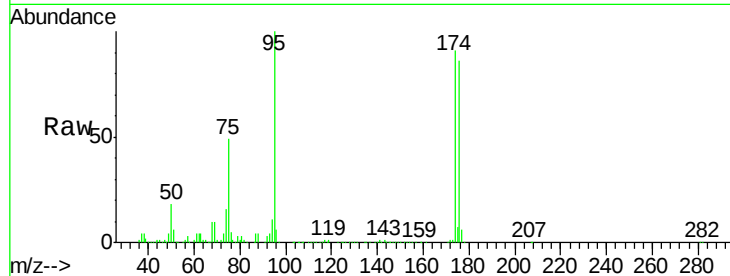
Tot Ion: 95 Resp: 717815

Ion Ratio Lower Upper

95 100

174 92.4 0.0 165.6

176 88.1 0.0 157.4

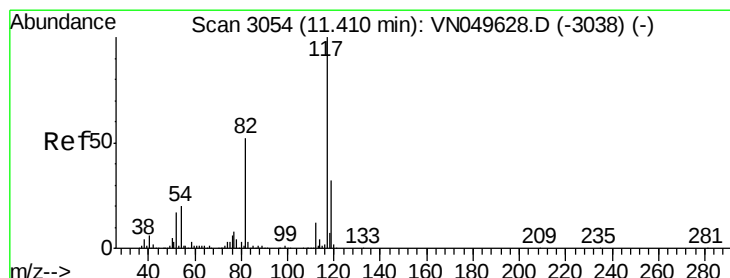
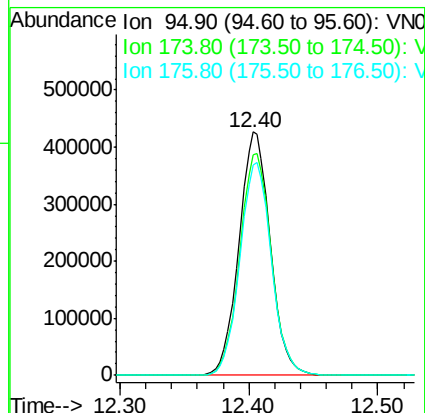
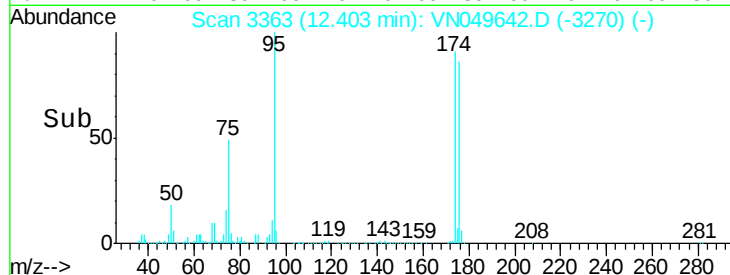


Abundance Ion 94.90 (94.60 to 95.60): VN049642.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049642.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049642.D (-3270) (-)

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: VN049642.D

Acq: 29 Jun 2018 19:58

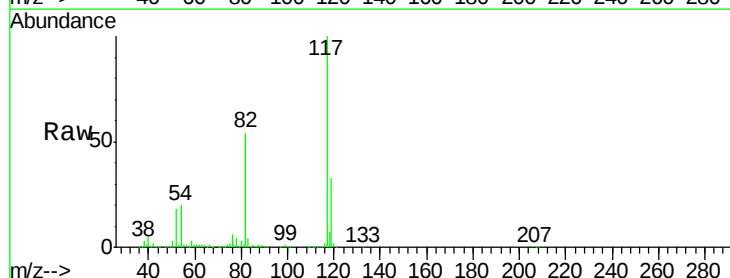
Tgt Ion: 117 Resp: 1550088

Ion Ratio Lower Upper

117 100

82 54.2 45.9 68.9

119 32.6 25.5 38.3

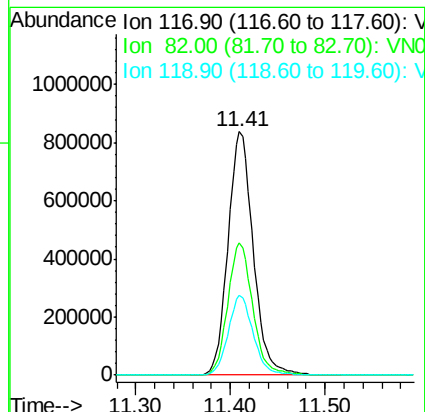
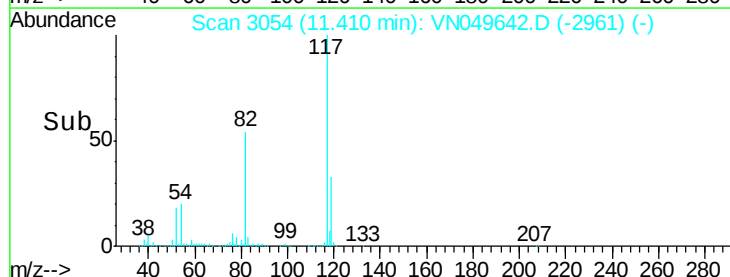


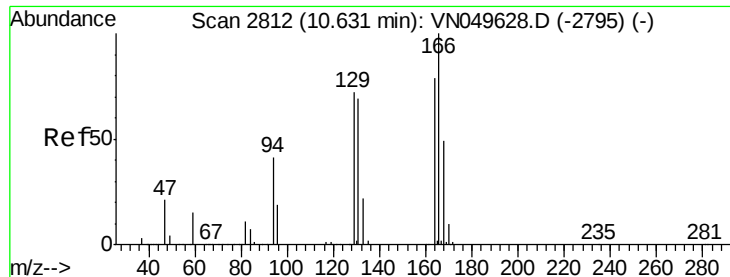
Abundance Ion 116.90 (116.60 to 117.60): VN049642.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049642.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049642.D (-2961) (-)

Time--> 11.30 11.40 11.50





#64

Tetrachloroethene

Concen: 0.59 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 12350

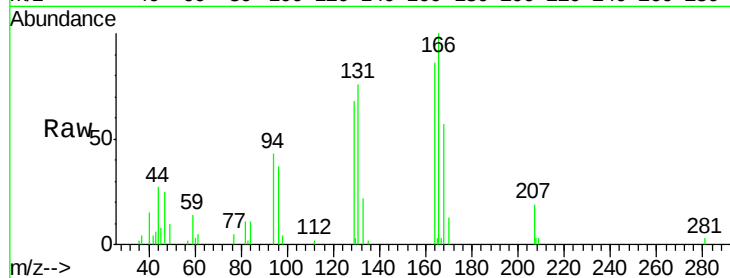
Ion Ratio Lower Upper

164 100

166 116.0 101.4 152.2

129 78.7 74.1 111.1

131 87.9 73.7 110.5

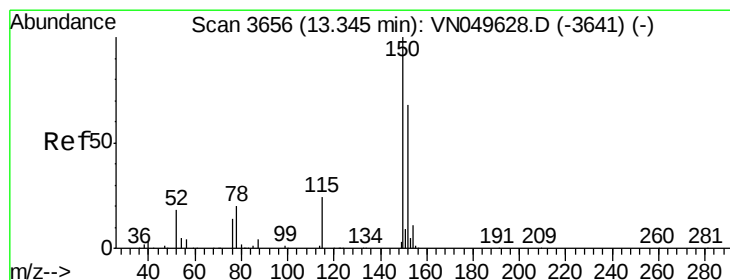
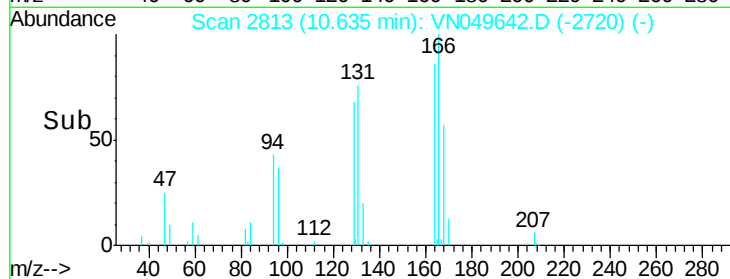
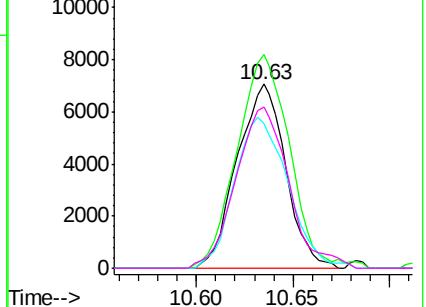


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

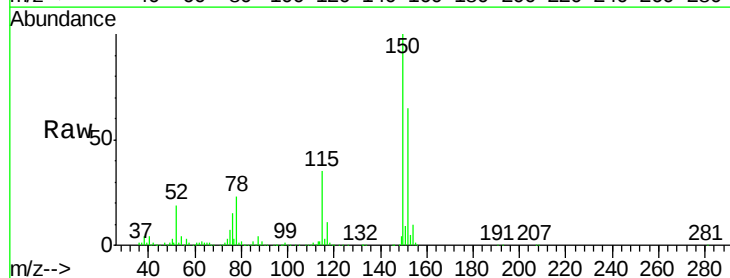
Tgt Ion:152 Resp: 593977

Ion Ratio Lower Upper

152 100

115 56.1 28.7 86.1

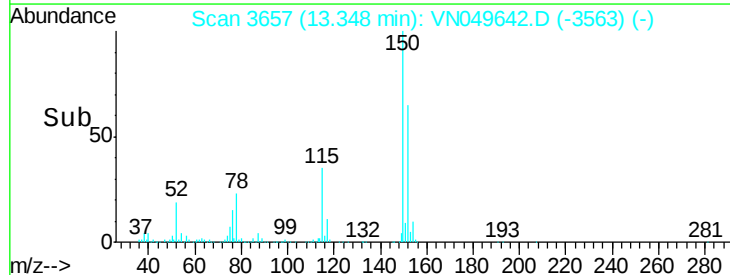
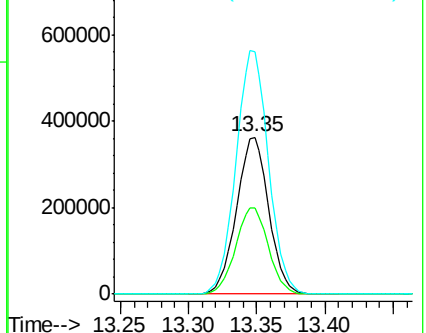
150 156.8 0.0 351.0

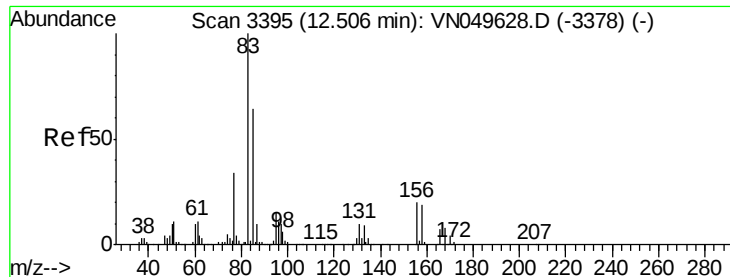


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

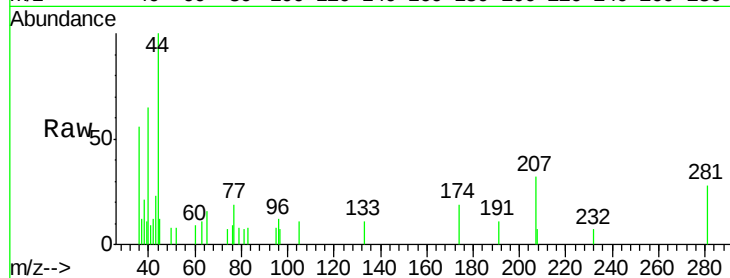




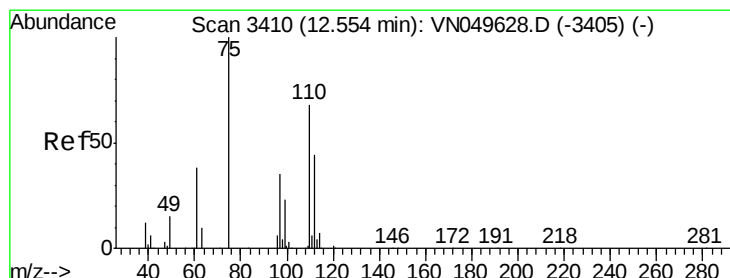
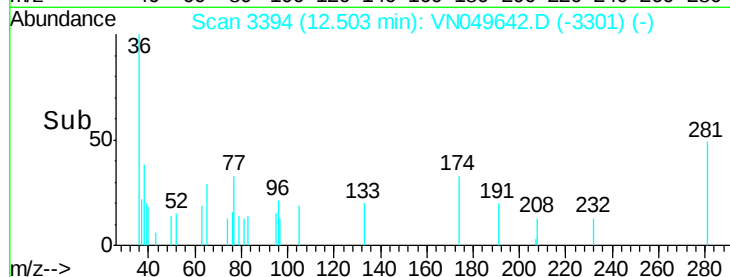
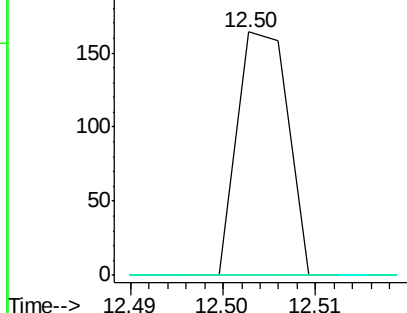
#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.50 min Scan# 3394
 Delta R.T. -0.00 min
 Lab File: VN049642.D
 Acq: 29 Jun 2018 19:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 62
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 0.0 32.0 96.0#

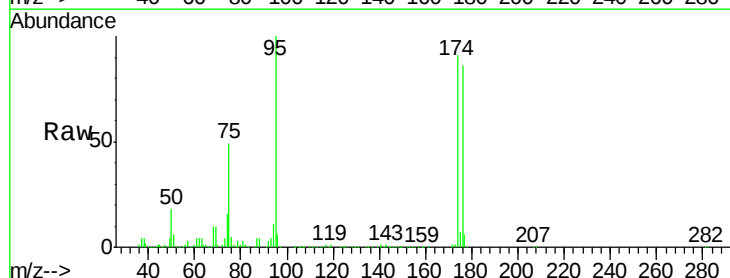


Abundance Ion 82.90 (82.60 to 83.60): VNC
 Ion 130.80 (130.50 to 131.50): VNC
 Ion 84.90 (84.60 to 85.60): VNC

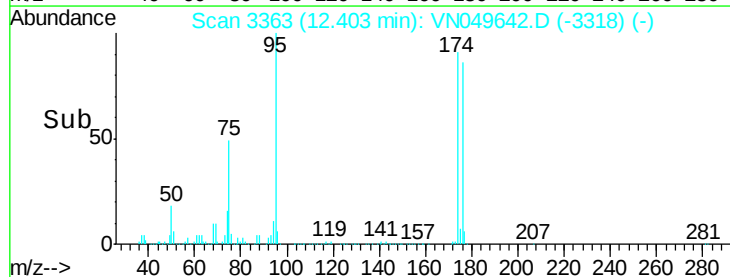
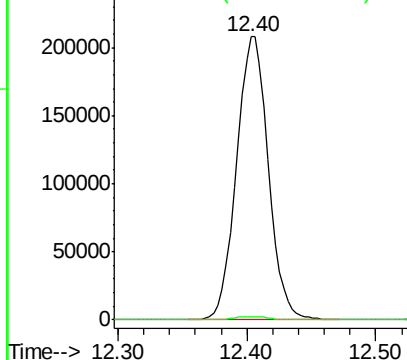


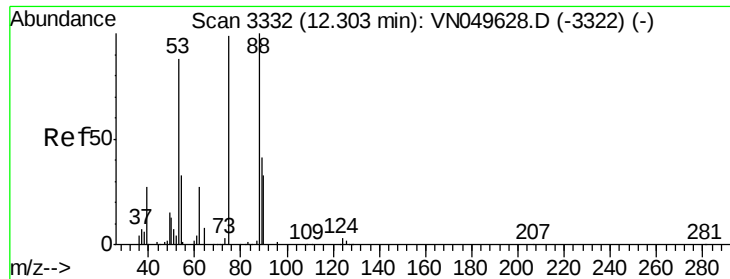
#76
 1,2,3-Trichloropropane
 Concen: 38.35 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049642.D
 Acq: 29 Jun 2018 19:58

Tgt Ion: 75 Resp: 355840
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC
 Ion 77.00 (76.70 to 77.70): VNC





#81

trans-1,4-Dichloro-2-butene

Concen: 126.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

ClientSampled :

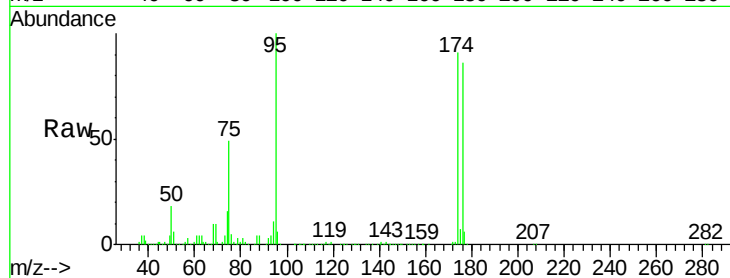
Tot Ion: 75 Resp: 355840

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

89 0.0 36.5 54.7#

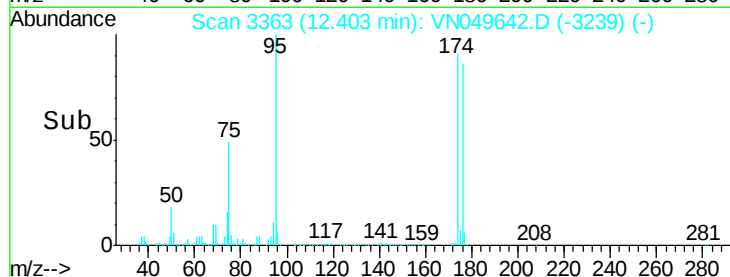


Abundance Ion 74.90 (74.60 to 75.60): VN049642.D (-3363) (-)

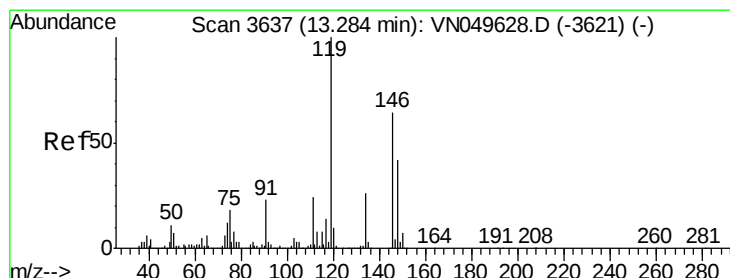
Ion 53.00 (52.70 to 53.70): VN049642.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049642.D (-3363) (-)

Time--> 12.30 12.40 12.50



Time--> 12.30 12.40 12.50



#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

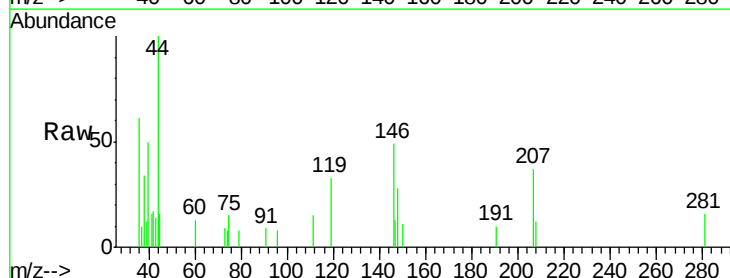
Tgt Ion: 146 Resp: 1374

Ion Ratio Lower Upper

146 100

111 27.0 19.9 59.6

148 73.9 32.1 96.5

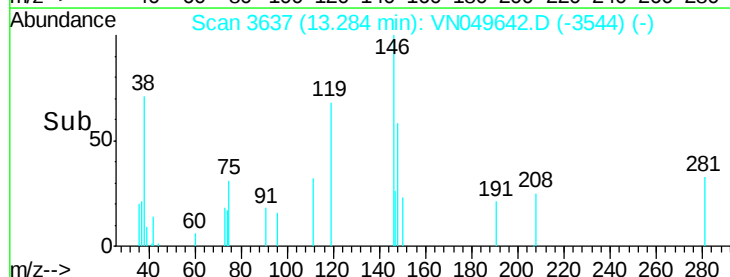


Abundance Ion 145.90 (145.60 to 146.60): VN049642.D (-3637) (-)

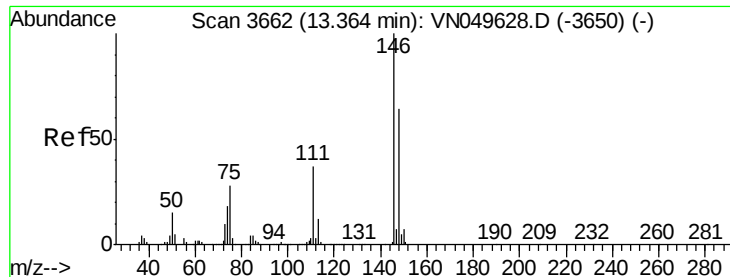
Ion 110.90 (110.60 to 111.60): VN049642.D (-3637) (-)

Ion 147.90 (147.60 to 148.60): VN049642.D (-3637) (-)

Time--> 13.25 13.30



Time--> 13.25 13.30



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.28 min Scan# 3637

Delta R.T. -0.08 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

ClientSampled :

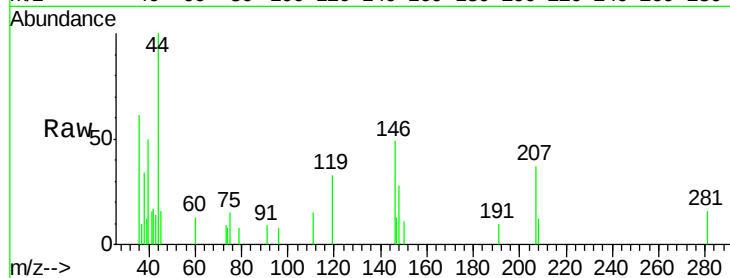
Tot Ion:146 Resp: 1374

Ion Ratio Lower Upper

146 100

111 27.0 19.1 57.1

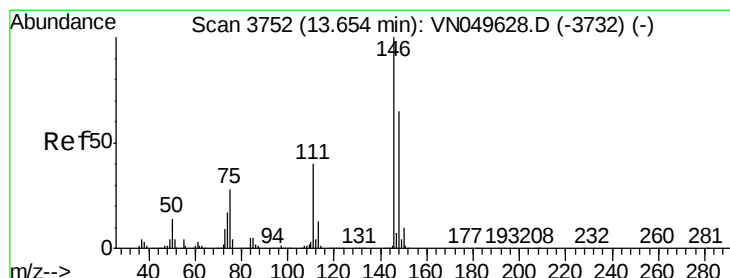
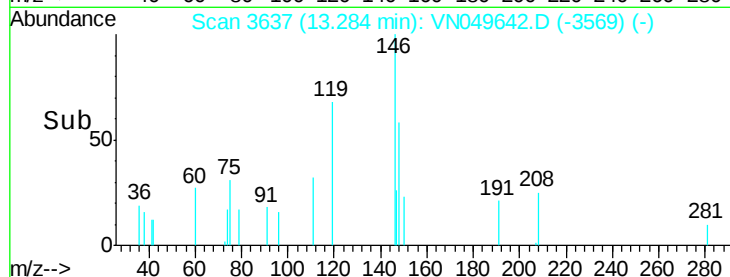
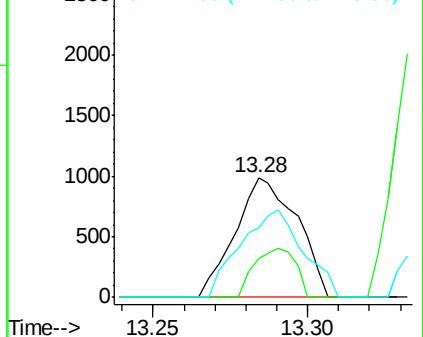
148 73.9 32.0 96.2



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



#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

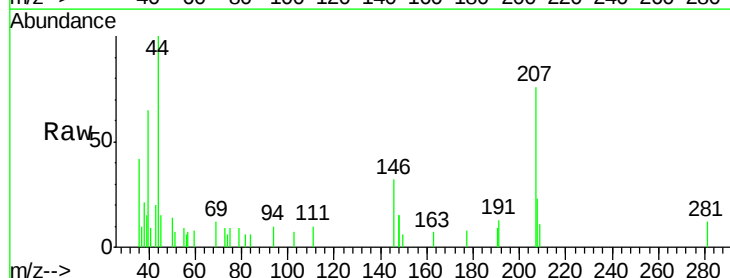
Tgt Ion:146 Resp: 1110

Ion Ratio Lower Upper

146 100

111 39.7 20.8 62.2

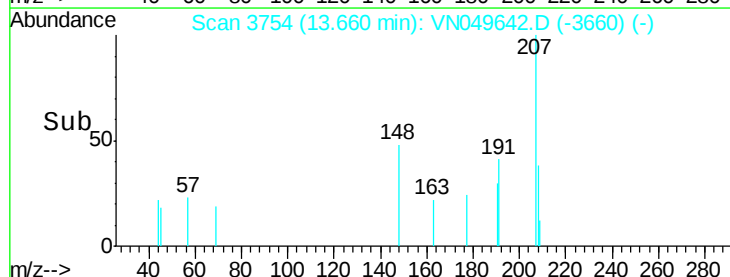
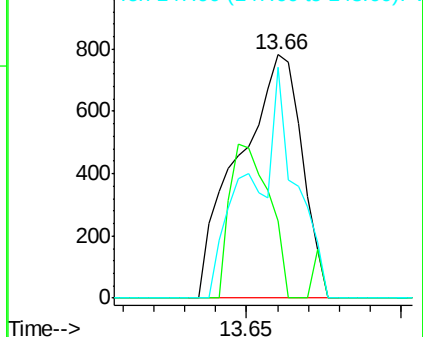
148 67.3 32.0 96.2

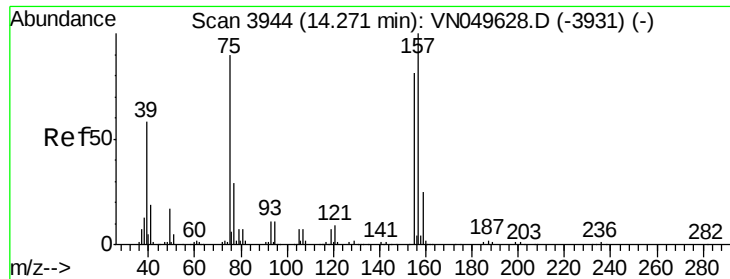


Abundance Ion 145.90 (145.60 to 146.60): V

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: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

ClientSampled :

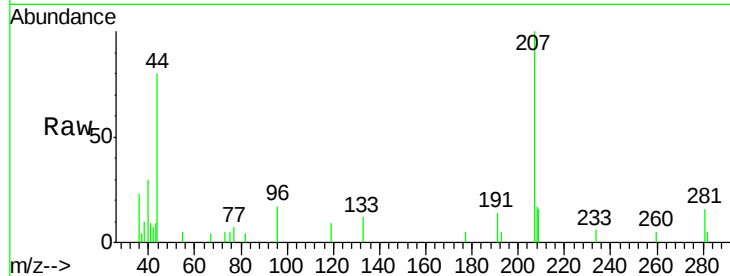
Tot Ion: 75 Resp: 129

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): VN0

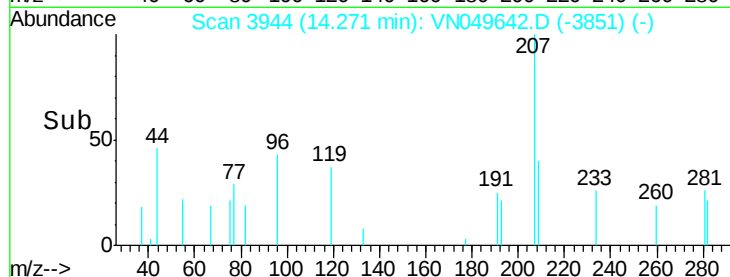
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

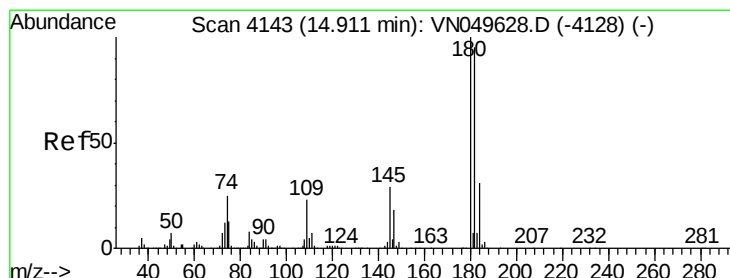
14.27

14.26

14.28



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.48 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

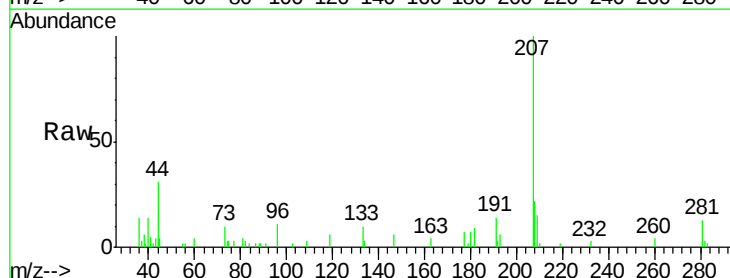
Tgt Ion: 180 Resp: 850

Ion Ratio Lower Upper

180 100

182 119.2 46.9 140.8

145 3.4 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

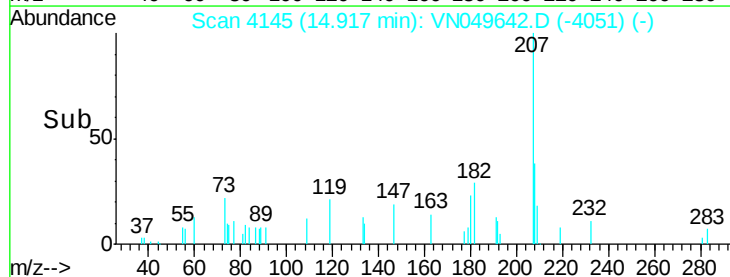
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

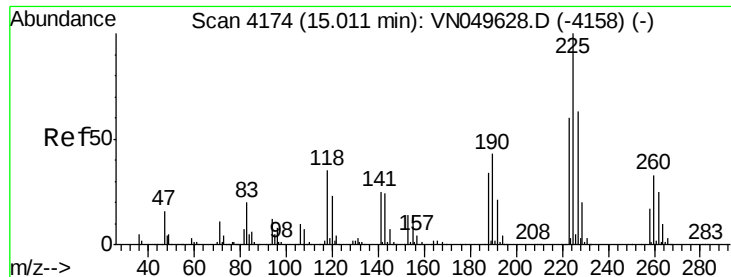
14.92

14.90

14.95



Time-->



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.02 min Scan# 4176

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

ClientSampled :

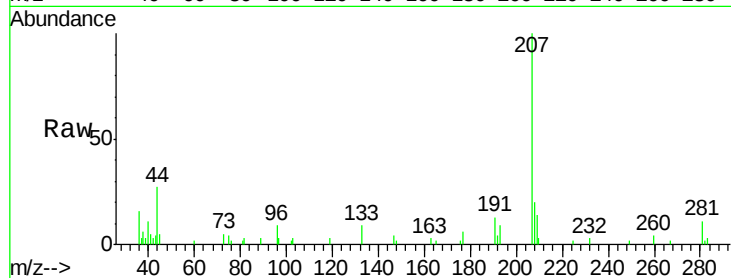
Tot Ion:225 Resp: 166

Ion Ratio Lower Upper

225 100

223 0.0 32.1 96.3#

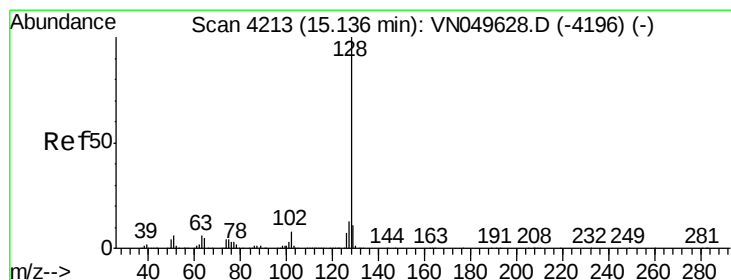
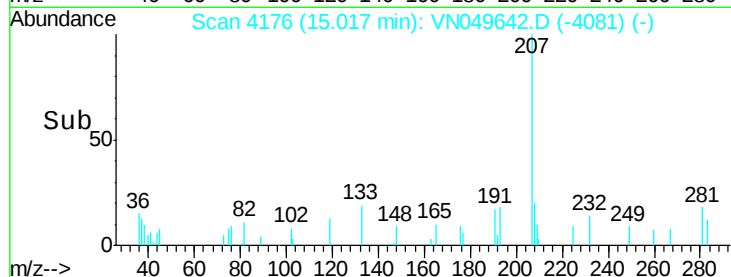
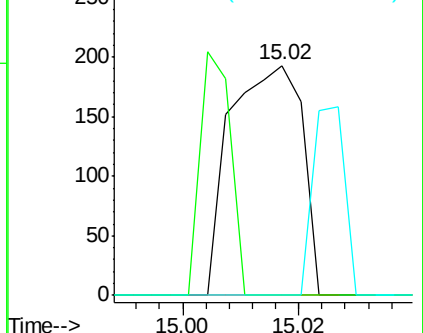
227 36.1 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.73 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

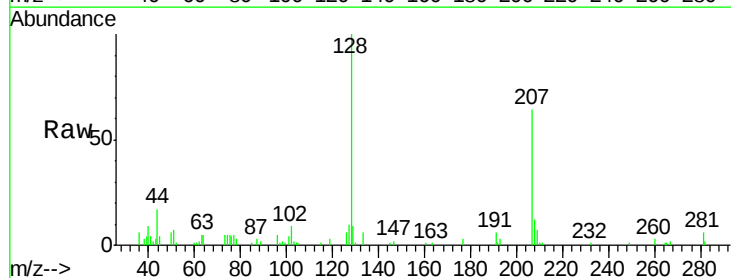
Tgt Ion:128 Resp: 25606

Ion Ratio Lower Upper

128 100

127 12.2 10.6 16.0

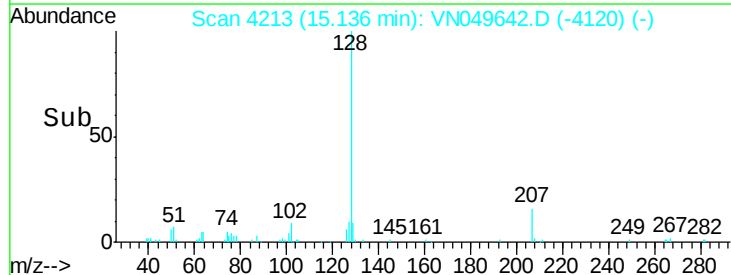
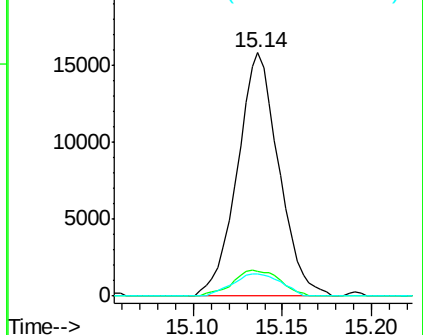
129 10.6 8.5 12.7

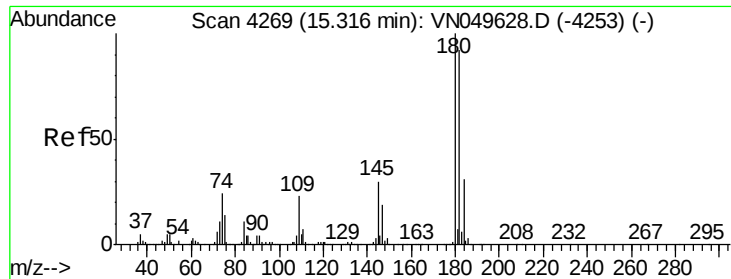


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.70 ua/l
 RT: 15.31 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: VN049642.D
 Acq: 29 Jun 2018 19:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.8#
145	49.1	15.6	46.7#

