

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049508.D
 Acq On : 22 Jun 2018 22:24
 Operator : MD\SY
 Sample : J3570-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 23:41:29 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	1174381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1872031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1527884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	455101	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	791994	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
35) Dibromofluoromethane	7.59	113	708340	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
50) Toluene-d8	10.09	98	2543262	44.10	ug/l	0.00
Spiked Amount			Recovery	=	88.20%	
62) 4-Bromofluorobenzene	12.40	95	641350	33.63	ug/l	0.00
Spiked Amount			Recovery	=	67.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	2217	0.23	ug/l #	57
8) Diethyl Ether	3.41	74	3521	0.44	ug/l	83
11) Tert butyl alcohol	4.79	59	403	0.44	ug/l #	70
13) Acrolein	3.61	56	574	0.60	ug/l	99
14) Allyl chloride	4.55	41	49936	2.35	ug/l #	20
16) Acetone	3.82	43	72931	19.28	ug/l	97
18) Methyl Acetate	4.33	43	82537	7.16	ug/l	94
20) Methylene Chloride	4.55	84	1434934	90.84	ug/l	91
25) 2-Butanone	6.84	43	12974	2.55	ug/l	98
30) Chloroform	7.38	83	20376	0.75	ug/l	92
31) Cyclohexane	7.67	56	22208	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	83008	3.87	ug/l #	50
37) Ethyl Acetate	6.84	43	12974	1.11	ug/l #	73
38) Carbon Tetrachloride	7.67	117	109701	4.94	ug/l #	16
43) Isopropyl Acetate	8.26	43	187394	8.41	ug/l #	64
47) Bromodichloromethane	9.40	83	8129	0.37	ug/l #	96
49) 1,4-Dioxane	9.20	88	140	0.97	ug/l #	1
68) m/p-Xylenes	11.62	106	5602	0.23	ug/l	92
71) Bromoform	12.40	173	5167	0.54	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.56	83	98	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	311378	40.10	ug/l #	100
78) n-propylbenzene	12.59	91	10926	0.25	ug/l	99
79) 2-Chlorotoluene	12.67	91	6192	0.22	ug/l	73
80) 1,3,5-Trimethylbenzene	12.73	105	7391	0.24	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	311378	126.74	ug/l #	9
82) 4-Chlorotoluene	12.67	91	6192	0.23	ug/l	74
84) 1,2,4-Trimethylbenzene	13.04	105	24061	0.77	ug/l	92
85) sec-Butylbenzene	13.17	105	7485	0.20	ug/l	91
90) Hexachloroethane	13.89	117	3841	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.90	180	181	4.76	ug/l #	1
95) Naphthalene	15.14	128	120235	11.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	242	3.49	ug/l #	1

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QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

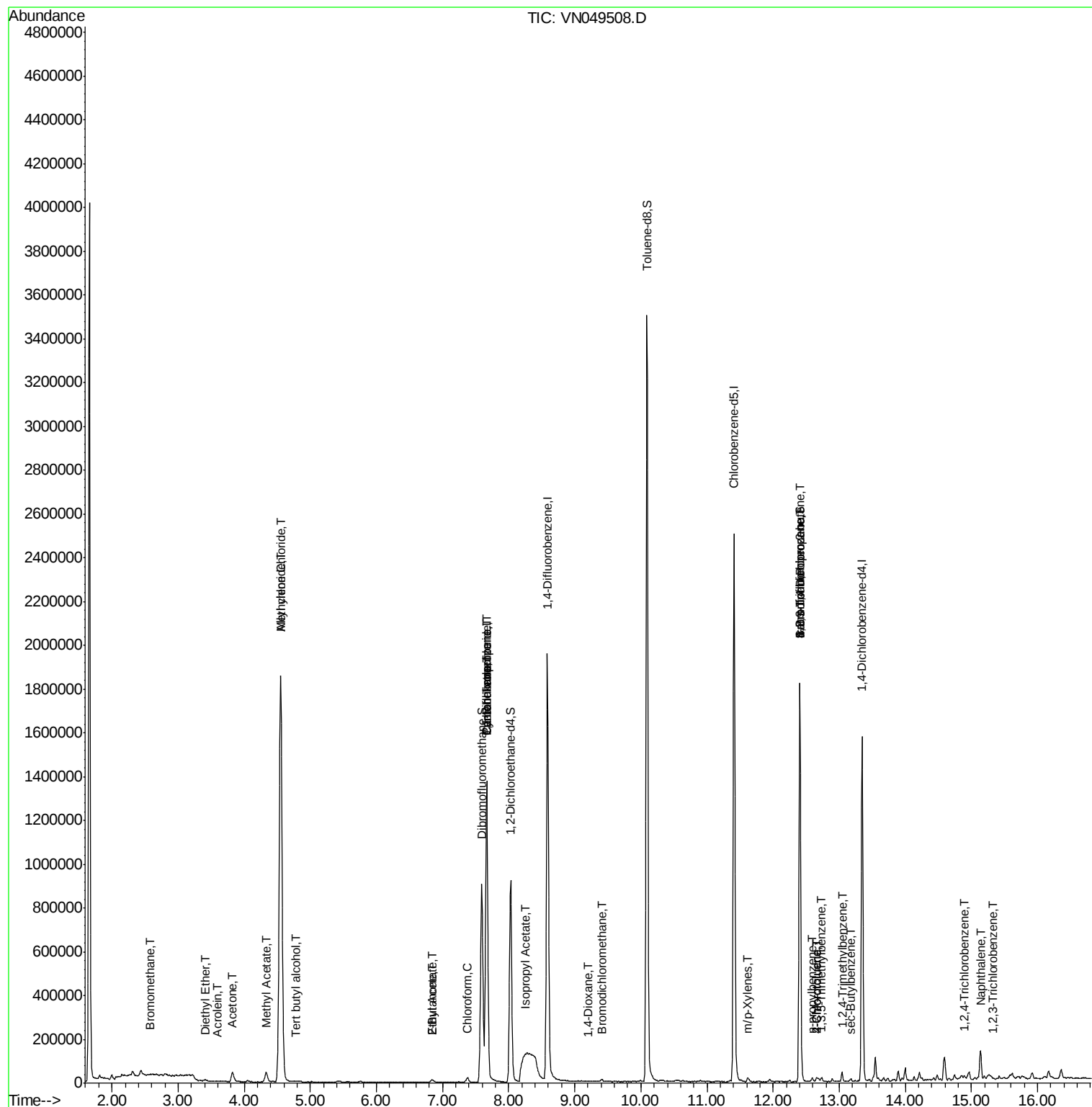
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

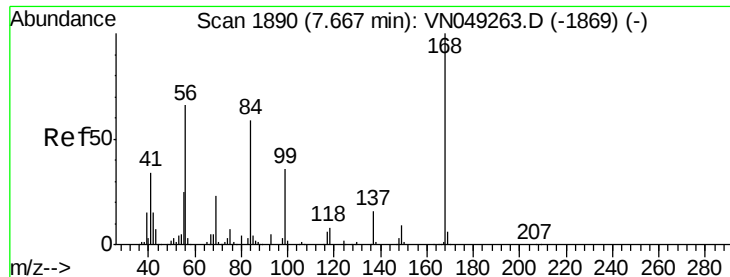
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062218\
Data File : VN049508.D
Acq On : 22 Jun 2018 22:24
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

Instrument :

MSVOA_N

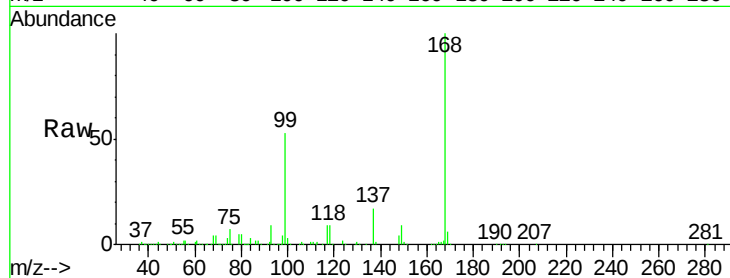
ClientSampled :

Tot Ion:168 Resp: 1174381

Ion Ratio Lower Upper

168 100

99 52.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

300000

200000

100000

0

Time-->

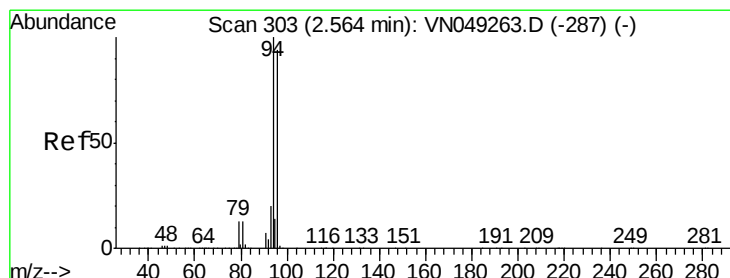
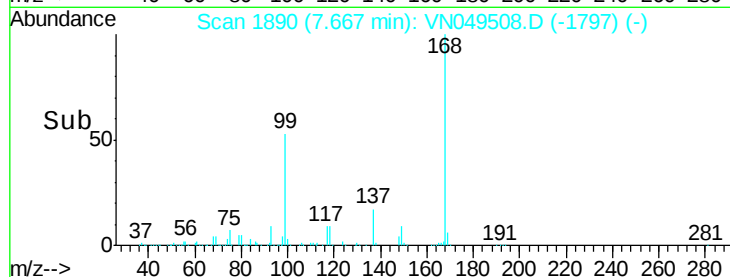
7.50

7.60

7.70

7.80

7.90



#5

Bromomethane

Concen: 0.23 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049508.D

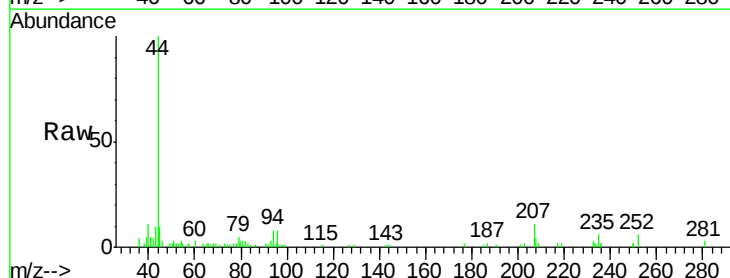
Acq: 22 Jun 2018 22:24

Tgt Ion: 94 Resp: 2217

Ion Ratio Lower Upper

94 100

96 50.1 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

1200

1000

800

600

400

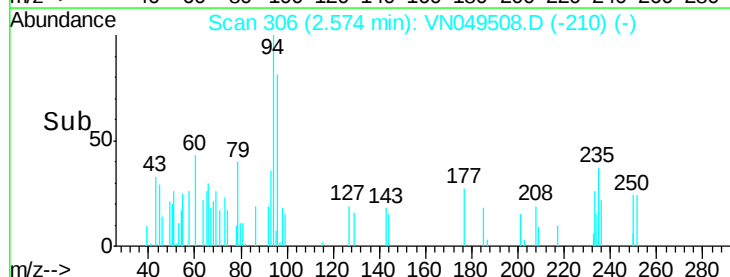
200

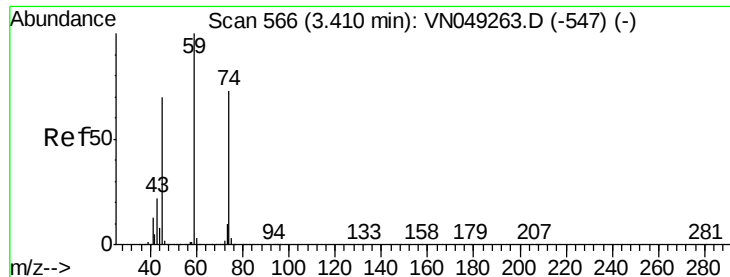
0

Time-->

2.55

2.60





#8

Diethyl Ether

Concen: 0.44 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

Instrument :

MSVOA_N

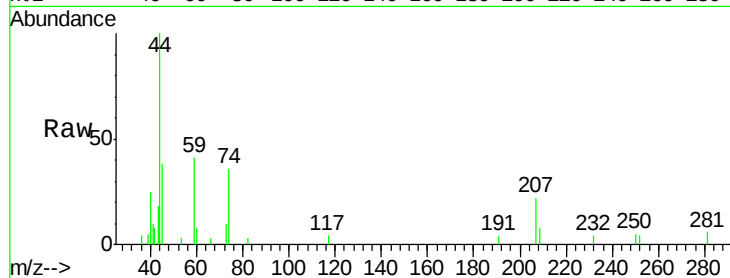
ClientSampled :

Tot Ion: 74 Resp: 3521

Ion Ratio Lower Upper

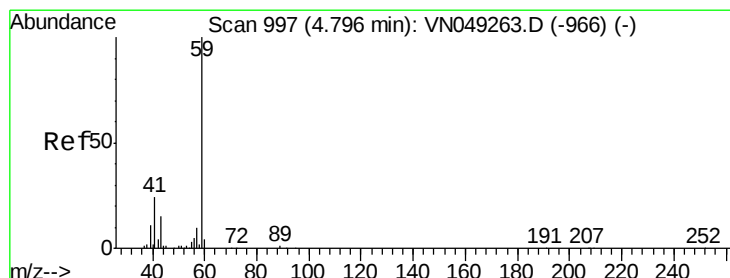
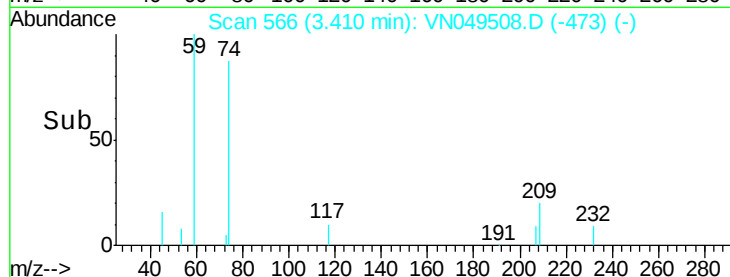
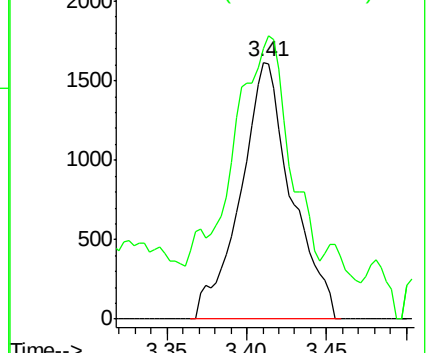
74 100

45 86.3 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN049508.D (-473) (-)

Ion 45.00 (44.70 to 45.70): VN049508.D (-473) (-)



#11

Tert butyl alcohol

Concen: 0.44 ug/l

RT: 4.79 min Scan# 994

Delta R.T. -0.01 min

Lab File: VN049508.D

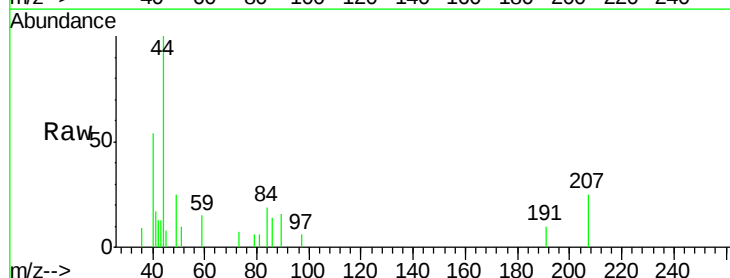
Acq: 22 Jun 2018 22:24

Tgt Ion: 59 Resp: 403

Ion Ratio Lower Upper

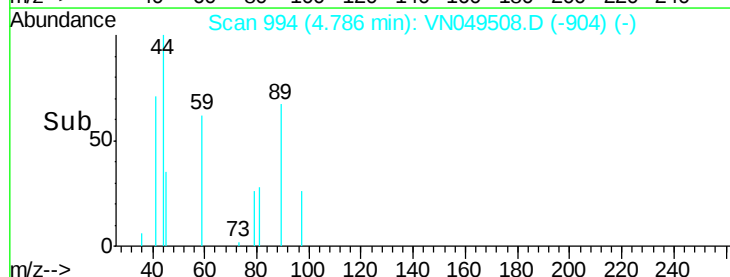
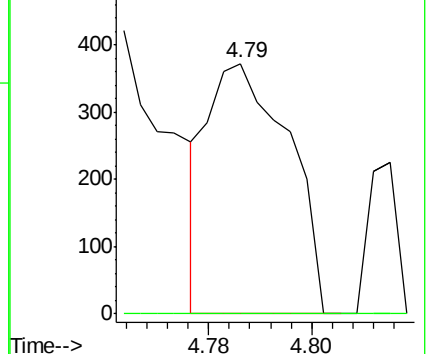
59 100

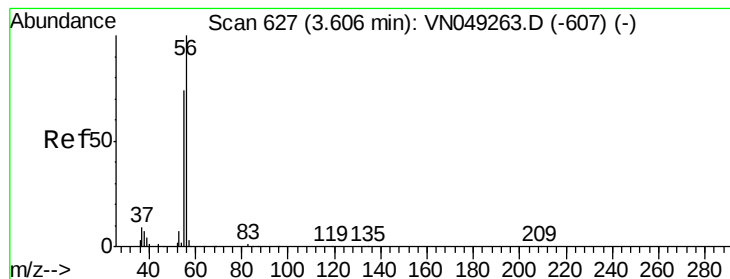
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN049508.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN049508.D (-904) (-)





#13

Acrolein

Concen: 0.60 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

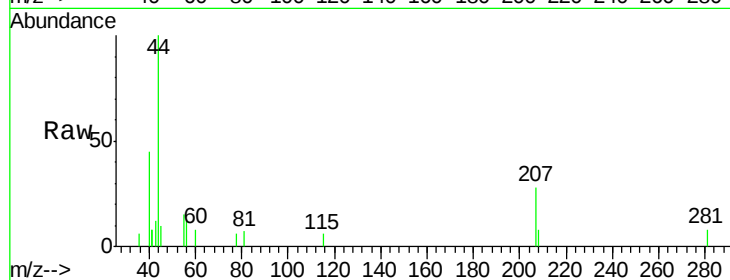
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 574

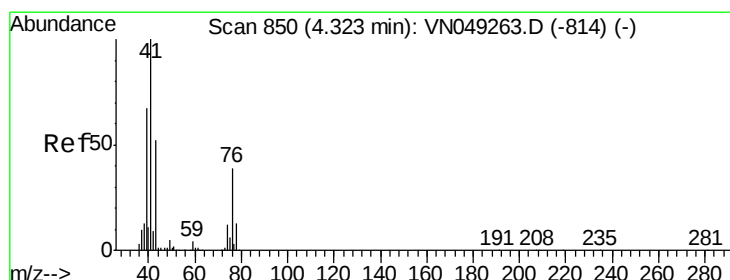
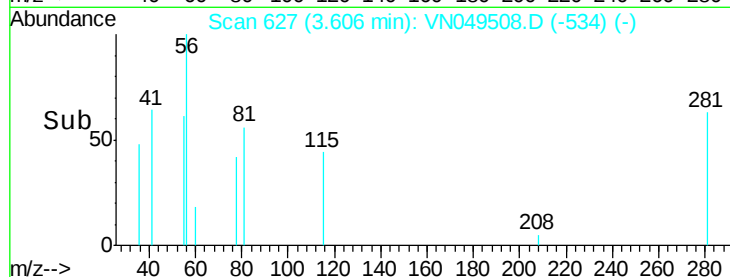
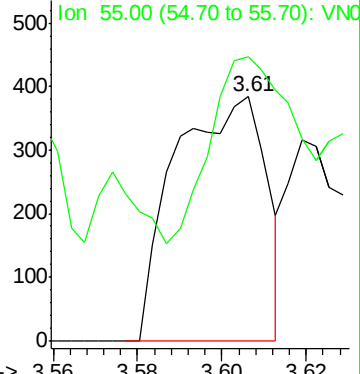
Ion Ratio Lower Upper

56 100

55 70.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN049263.D (-607) (-)



#14

Allyl chloride

Concen: 2.35 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.23 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

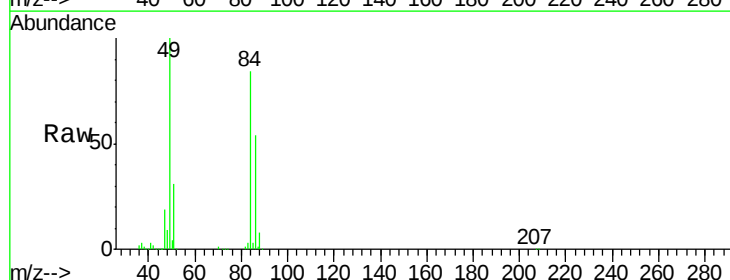
Tgt Ion: 41 Resp: 49936

Ion Ratio Lower Upper

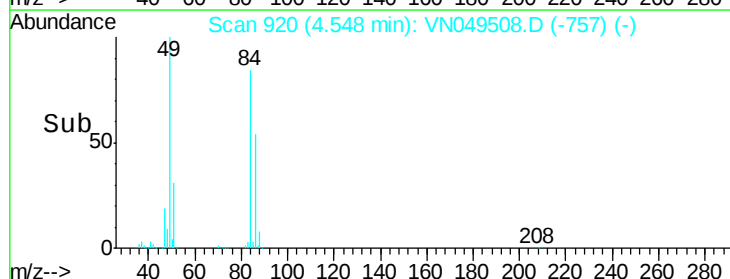
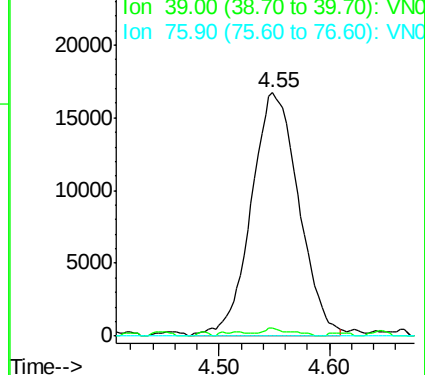
41 100

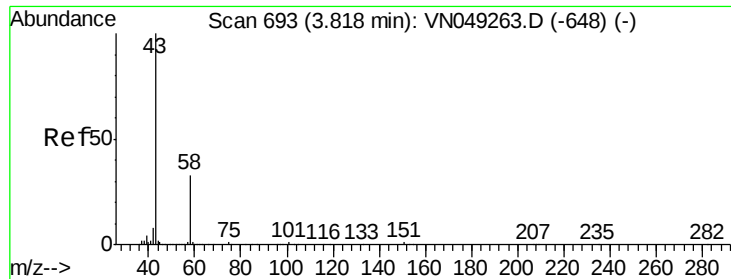
39 0.7 62.5 93.7#

76 0.0 27.1 40.7#



Abundance Ion 41.00 (40.70 to 41.70): VN049263.D (-814) (-)





#16

Acetone

Concen: 19.28 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

Instrument :

MSVOA_N

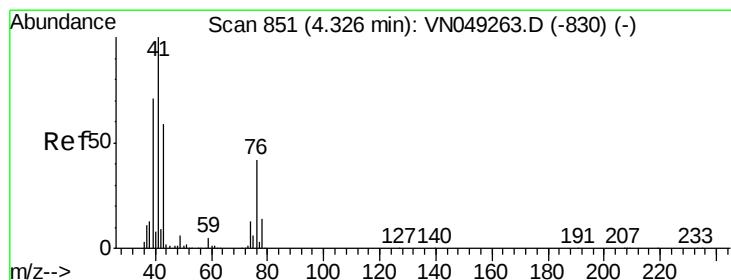
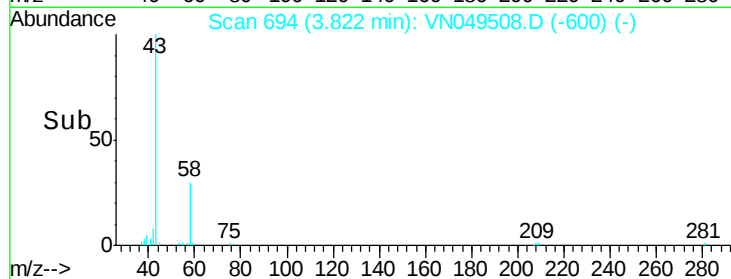
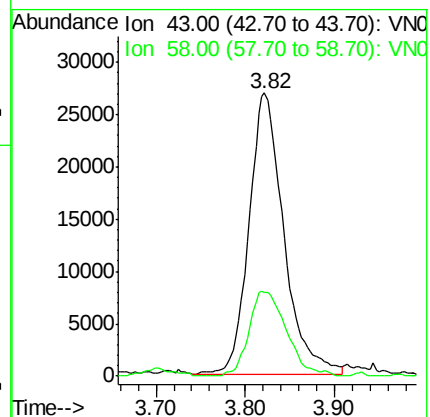
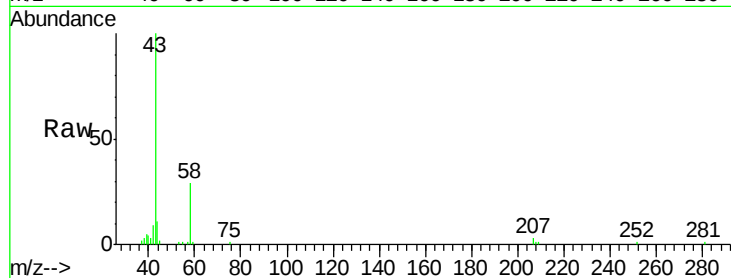
ClientSampled :

Tot Ion: 43 Resp: 72931

Ion Ratio Lower Upper

43 100

58 29.6 22.4 33.6



#18

Methyl Acetate

Concen: 7.16 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049508.D

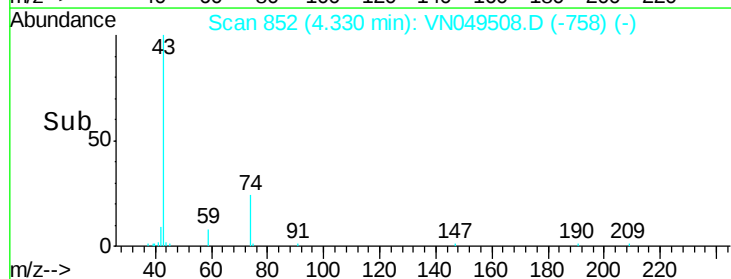
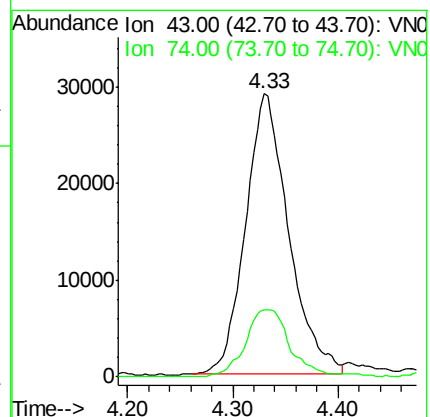
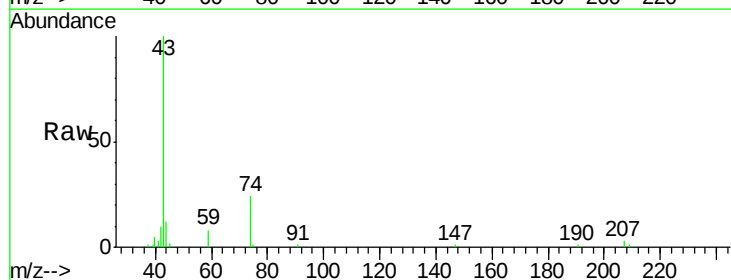
Acq: 22 Jun 2018 22:24

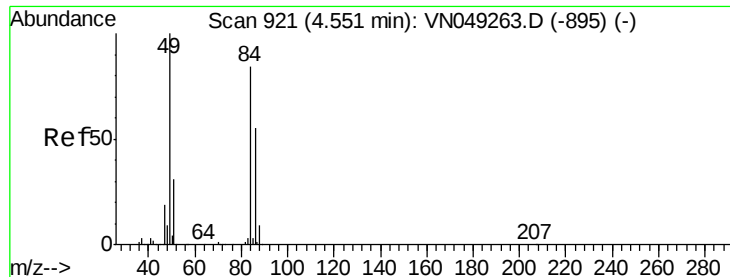
Tgt Ion: 43 Resp: 82537

Ion Ratio Lower Upper

43 100

74 24.7 17.4 26.0

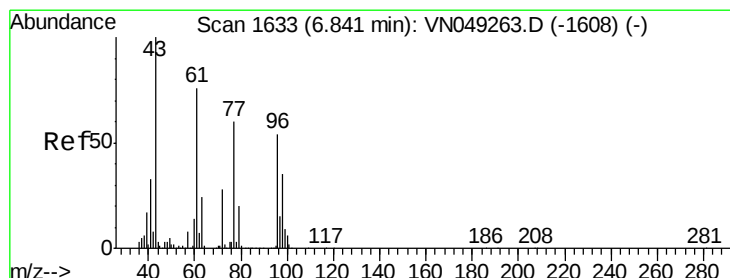
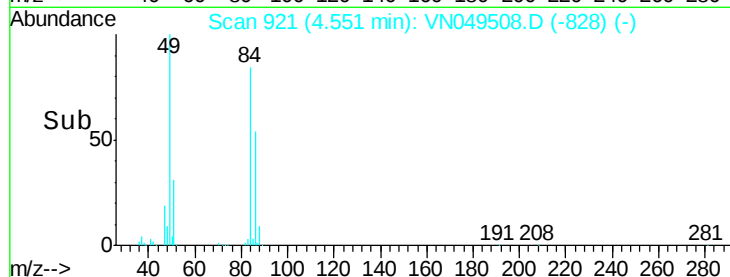
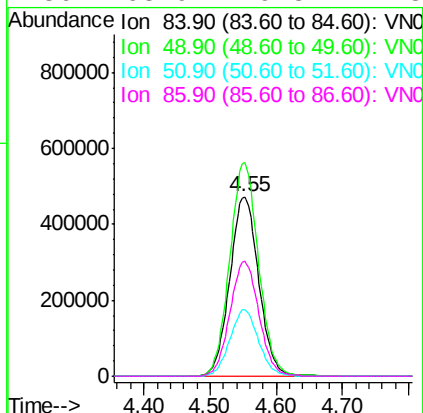
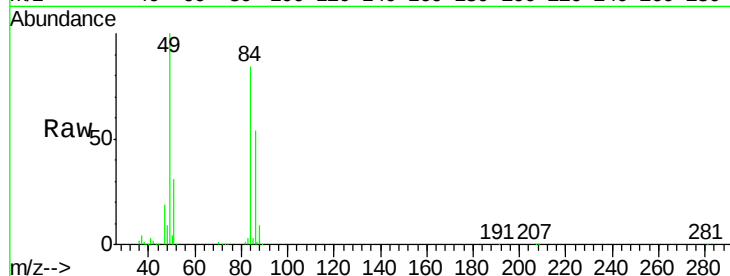




#20
Methvlene Chloride
Concen: 90.84 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

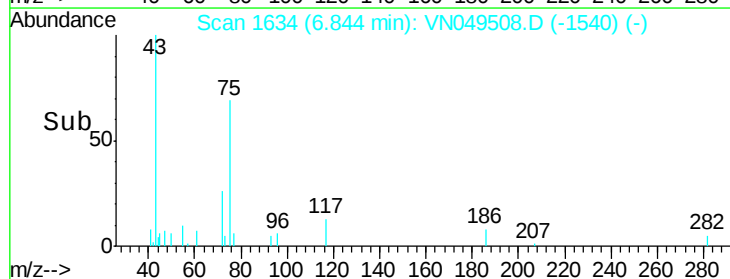
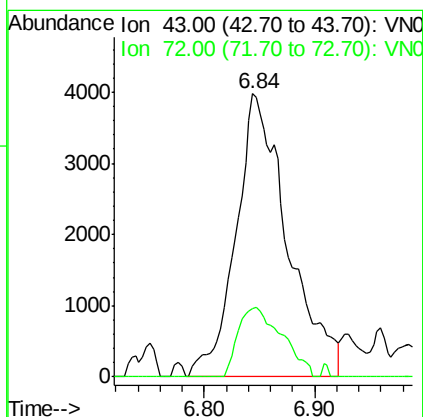
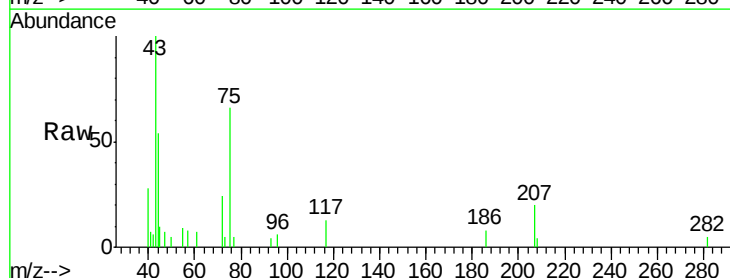
Instrument :
MSVOA_N
ClientSampled :

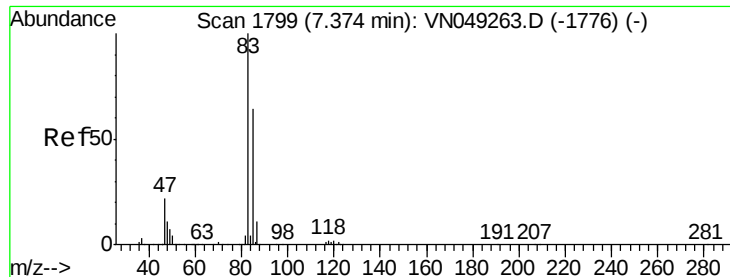
Tot Ion: 84 Resp: 1434934
Ion Ratio Lower Upper
84 100
49 118.9 106.9 160.3
51 37.3 32.7 49.1
86 63.9 49.8 74.8



#25
2-Butanone
Concen: 2.55 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

Tgt Ion: 43 Resp: 12974
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.2

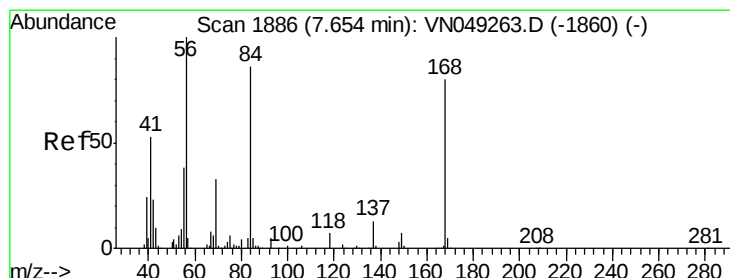
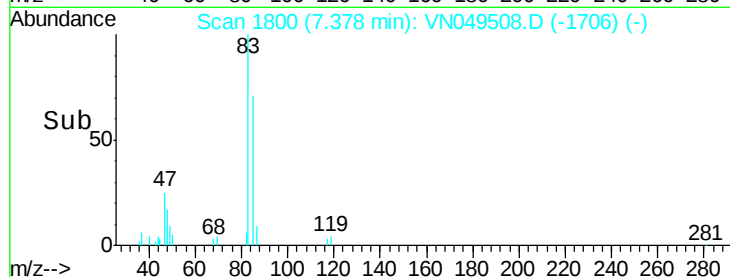
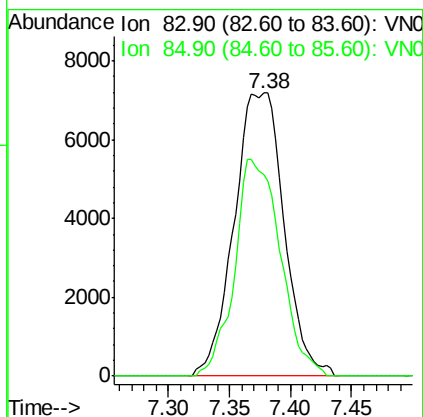
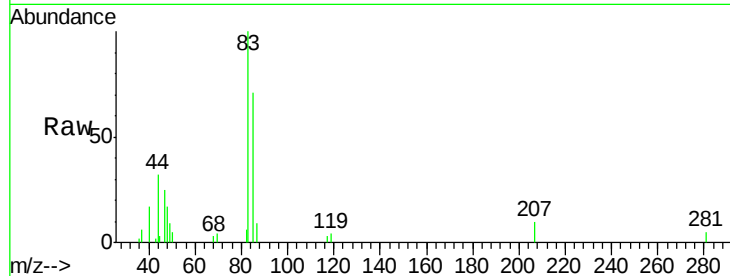




#30
Chloroform
Concen: 0.75 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

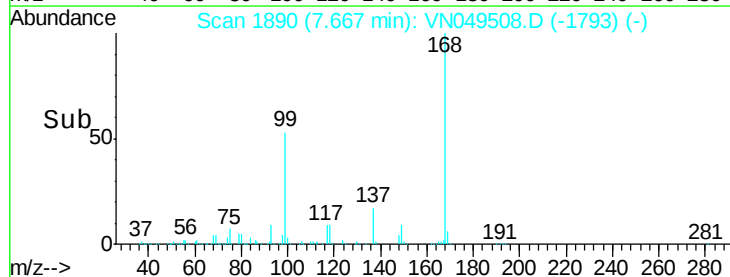
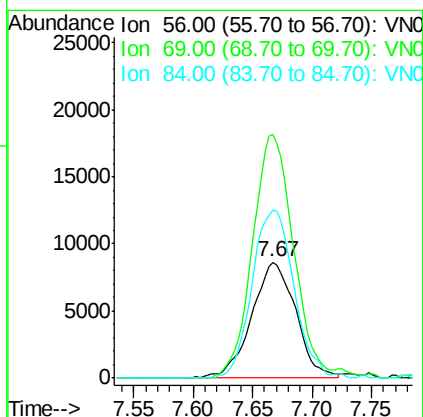
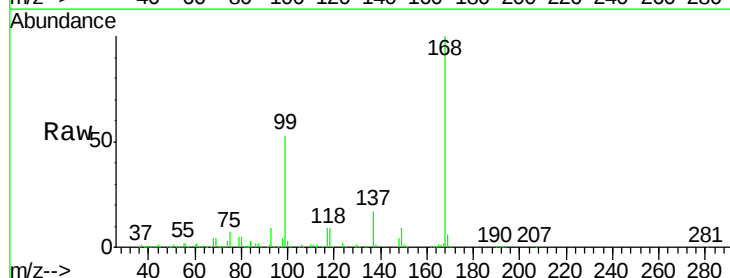
Instrument :
MSVOA_N
ClientSampleId :

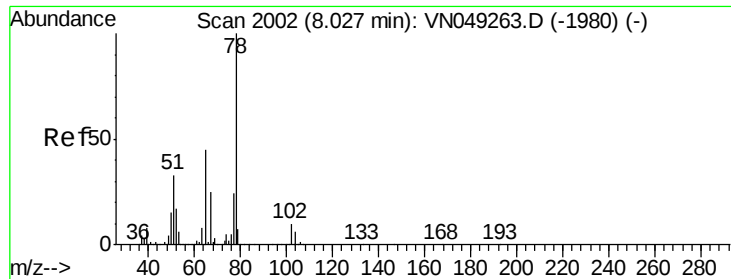
Tot Ion: 83 Resp: 20376
Ion Ratio Lower Upper
83 100
85 71.0 51.7 77.5



#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

Tgt Ion: 56 Resp: 22208
Ion Ratio Lower Upper
56 100
69 209.8 25.0 37.4#
84 144.7 64.6 96.8#

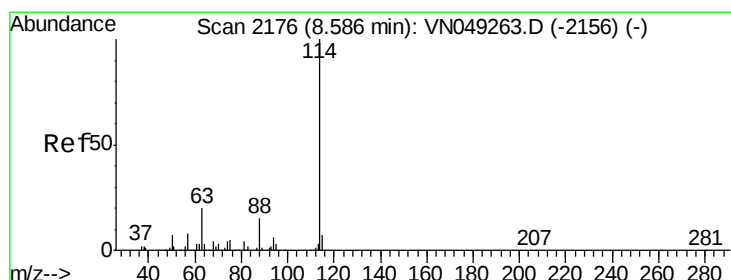
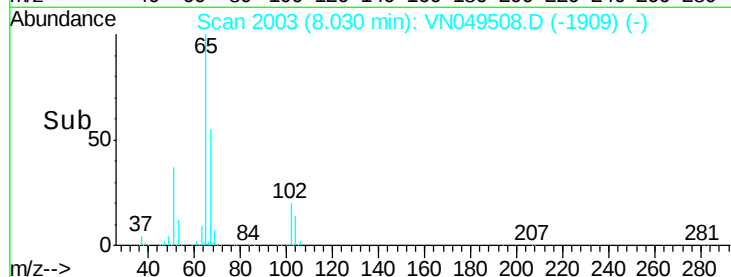
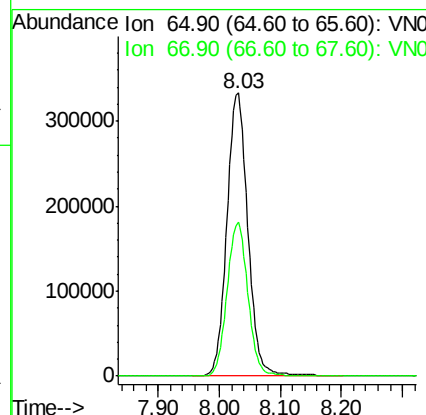
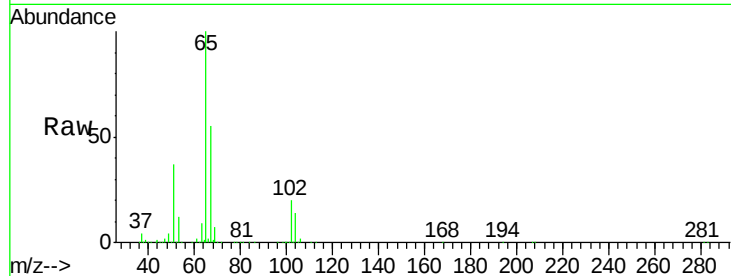




#33
 1,2-Dichloroethane-d4
 Concen: 50.85 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049508.D
 Acq: 22 Jun 2018 22:24

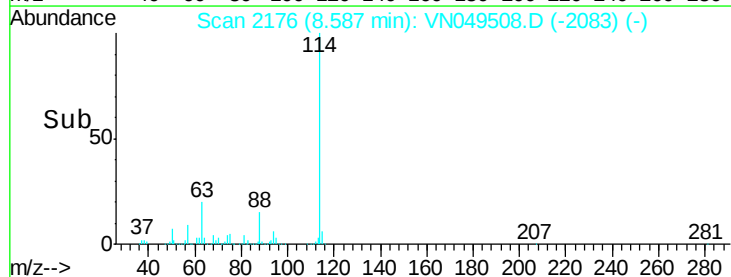
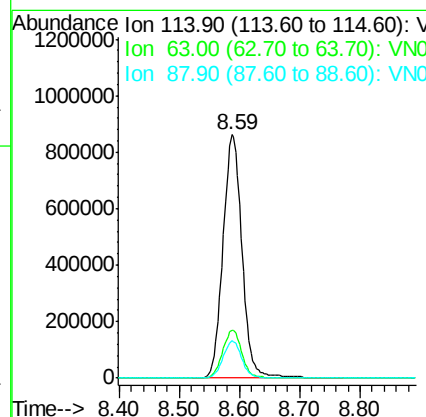
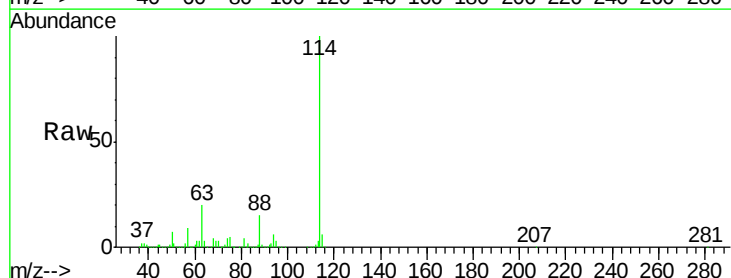
Instrument :
 MSVOA_N
 ClientSampleId :

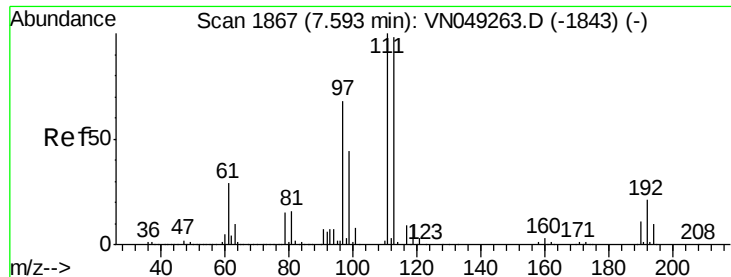
Tot Ion: 65 Resp: 791994
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049508.D
 Acq: 22 Jun 2018 22:24

Tgt Ion: 114 Resp: 1872031
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.2 0.0 31.4

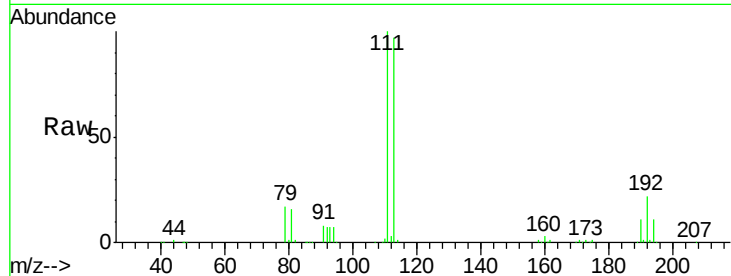




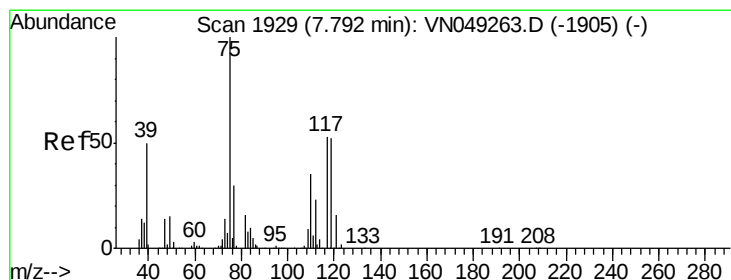
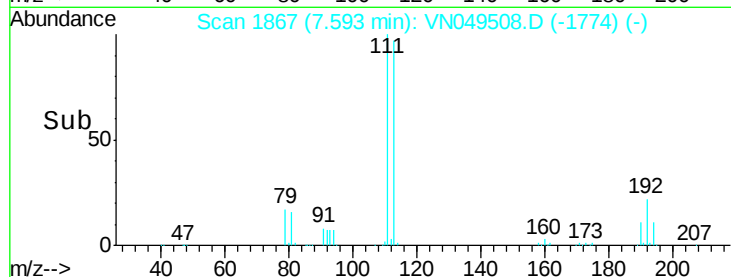
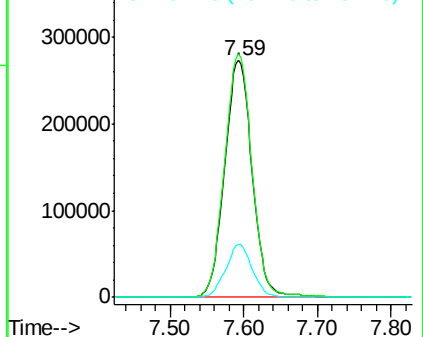
#35
 Dibromofluoromethane
 Concen: 46.77 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049508.D
 Acq: 22 Jun 2018 22:24

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	21.7	15.0	22.6

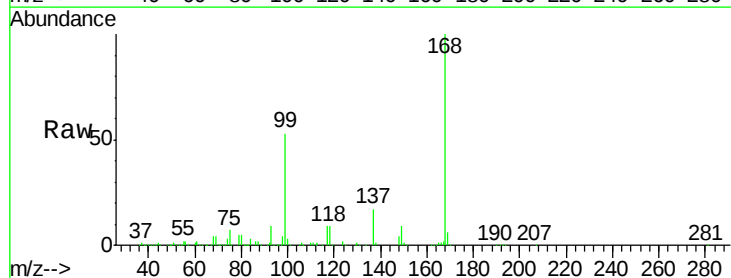


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

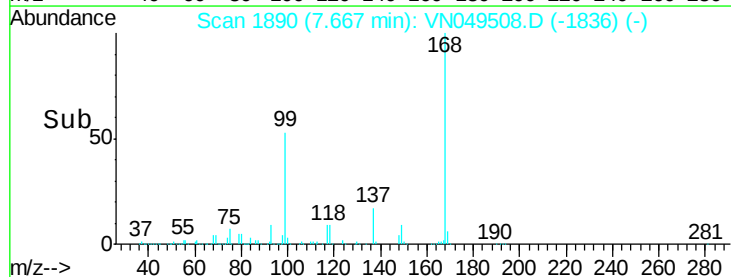
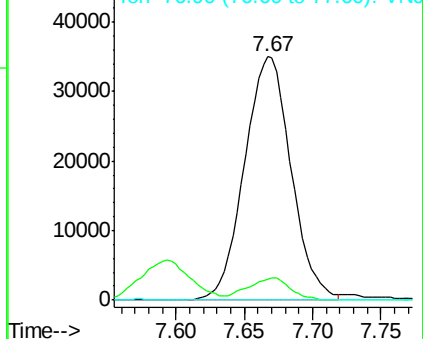


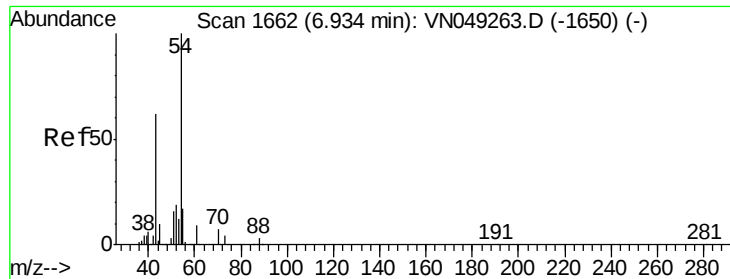
#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049508.D
 Acq: 22 Jun 2018 22:24

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



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

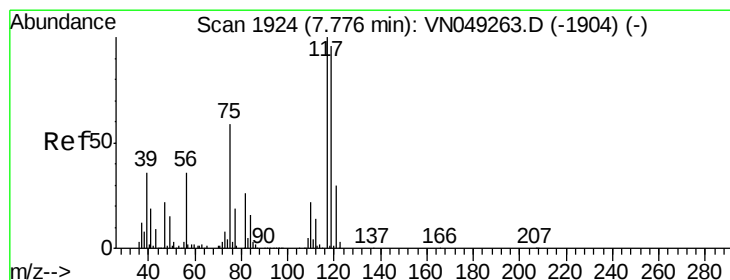
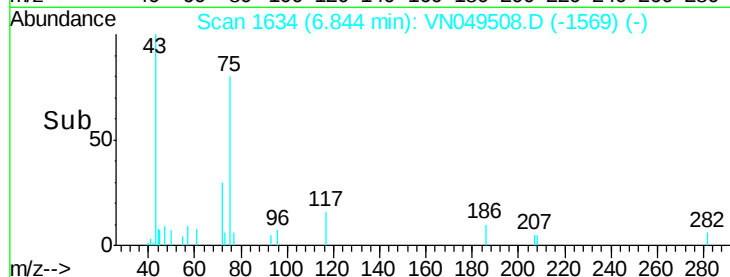
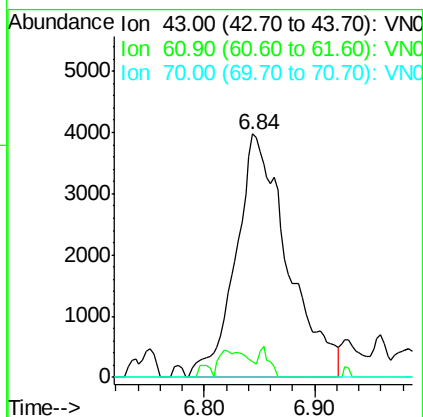
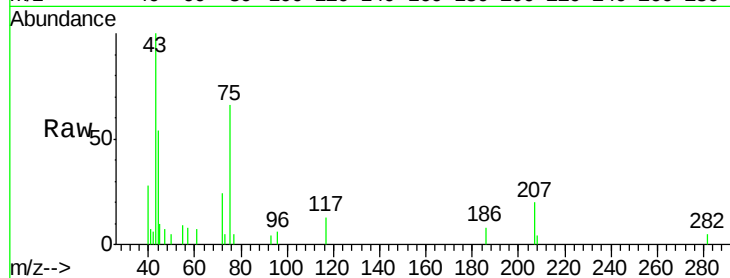




#37
Ethyl Acetate
Concen: 1.11 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. -0.09 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

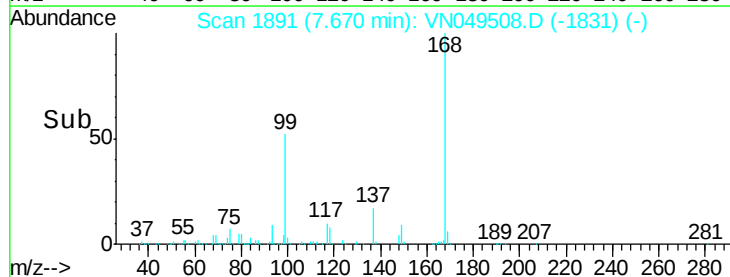
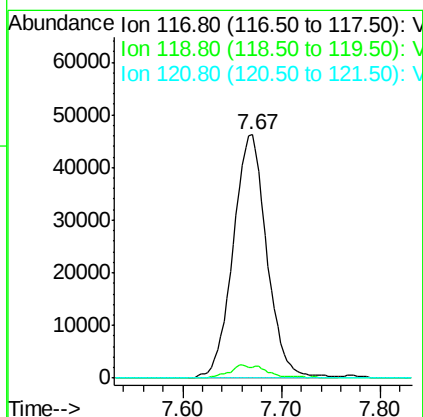
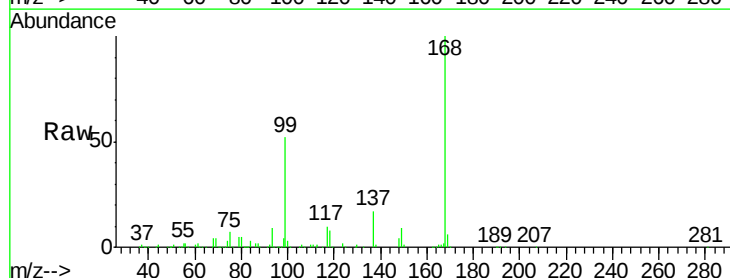
Instrument :
MSVOA_N
ClientSampled :

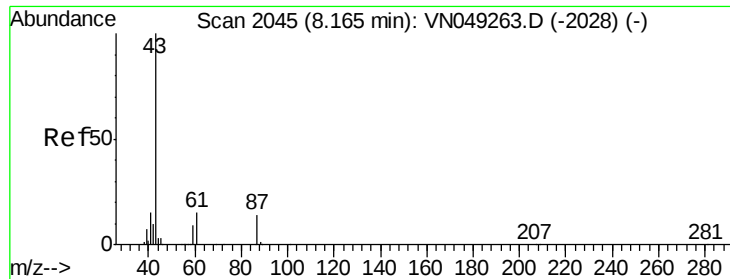
Tot Ion: 43 Resp: 12974
Ion Ratio Lower Upper
43 100
61 2.5 11.0 16.4#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.94 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

Tgt Ion: 117 Resp: 109701
Ion Ratio Lower Upper
117 100
119 4.5 75.6 113.4#
121 0.0 24.7 37.1#



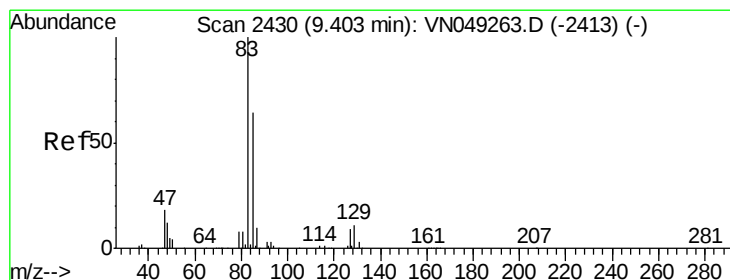
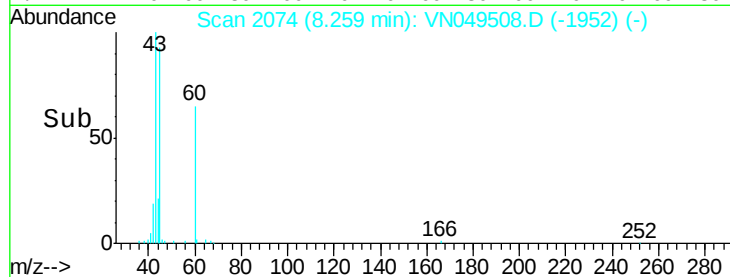
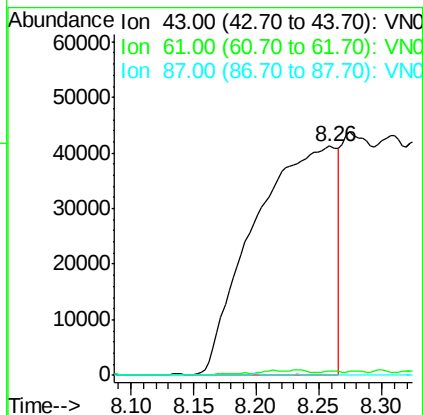
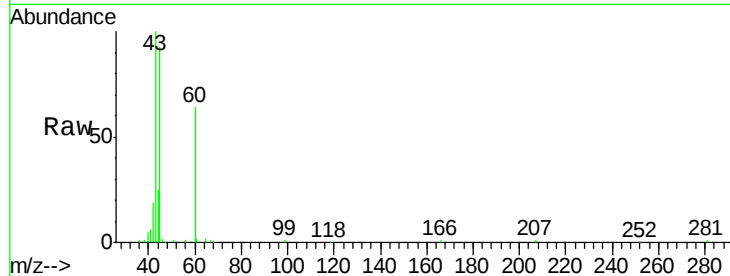


#43

Isopropyl Acetate
 Concen: 8.41 ug/l
 RT: 8.26 min Scan# 2074
 Delta R.T. 0.09 min
 Lab File: VN049508.D
 Acq: 22 Jun 2018 22:24

Instrument :
 MSVOA_N
 ClientSampled :

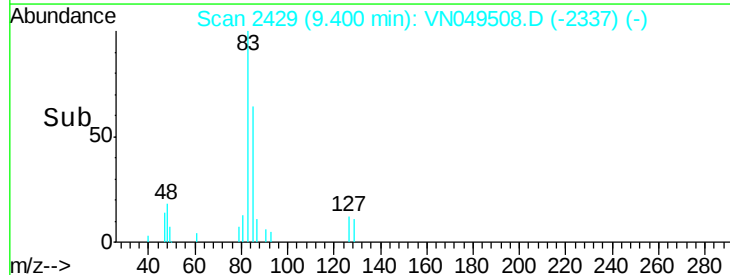
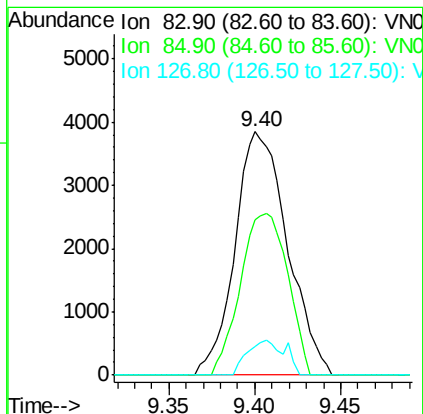
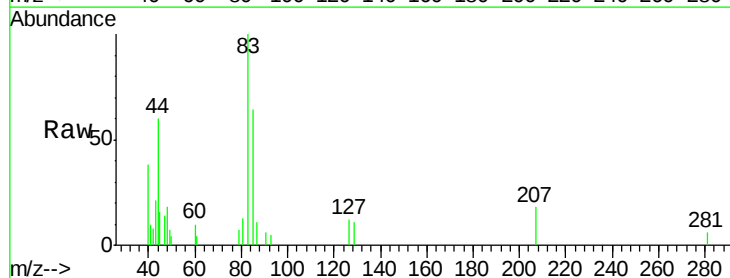
Tot Ion	43	Resp	187394
Ion Ratio	Lower	Upper	
43	100		
61	0.0	14.2	21.4#
87	0.0	9.4	14.0#

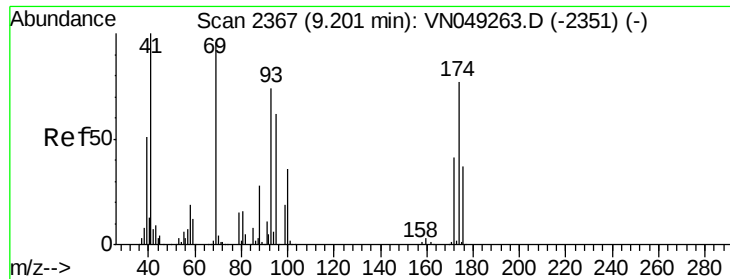


#47

Bromodichloromethane
 Concen: 0.37 ug/l
 RT: 9.40 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: VN049508.D
 Acq: 22 Jun 2018 22:24

Tgt Ion	83	Resp	8129
Ion Ratio	Lower	Upper	
83	100		
85	63.9	49.4	74.0
127	11.7	6.3	9.5#

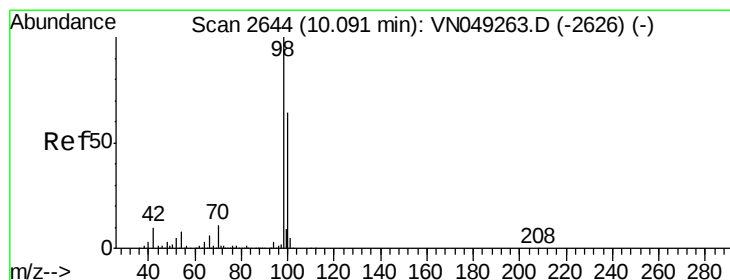
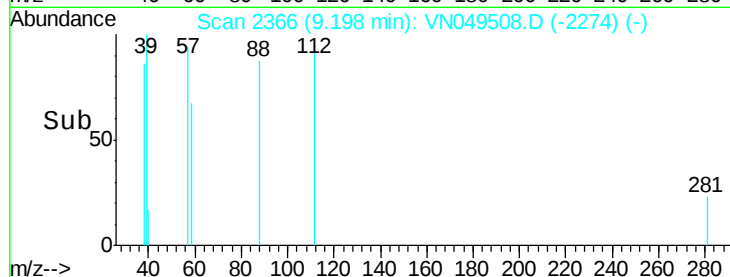
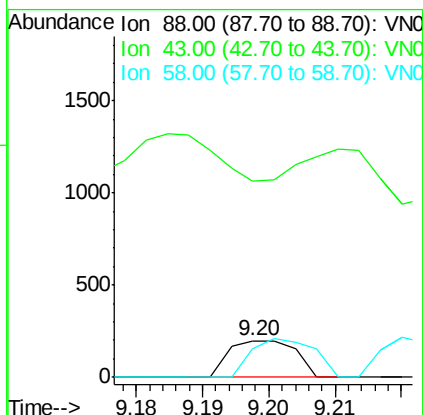
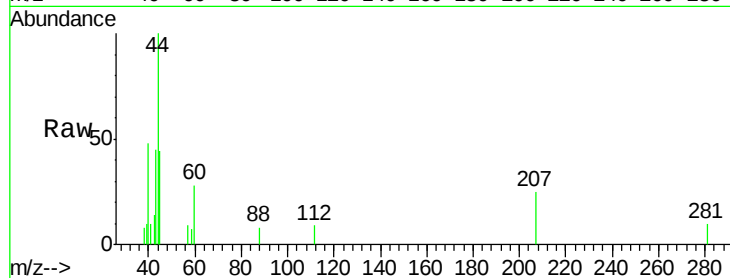




#49
1,4-Dioxane
Concen: 0.97 ug/l
RT: 9.20 min Scan# 2366
Delta R.T. -0.00 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

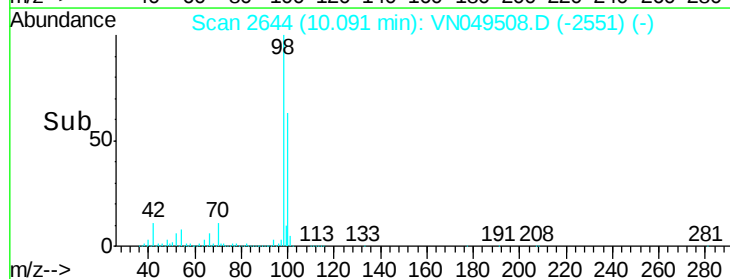
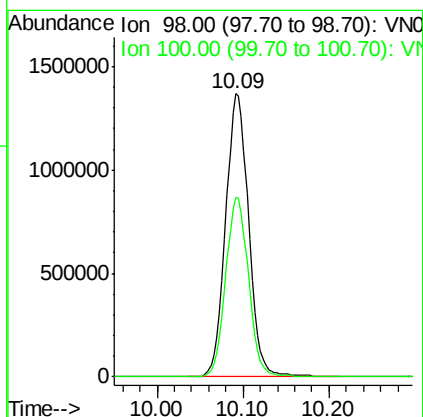
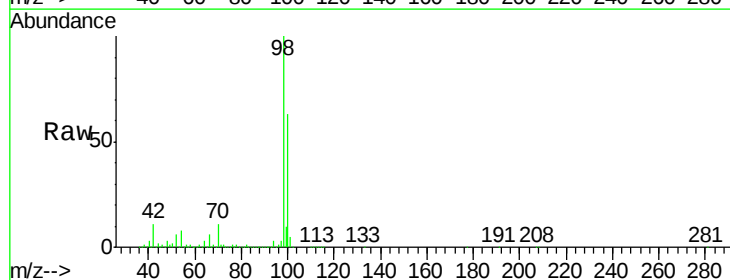
Instrument :
MSVOA_N
ClientSampleId :

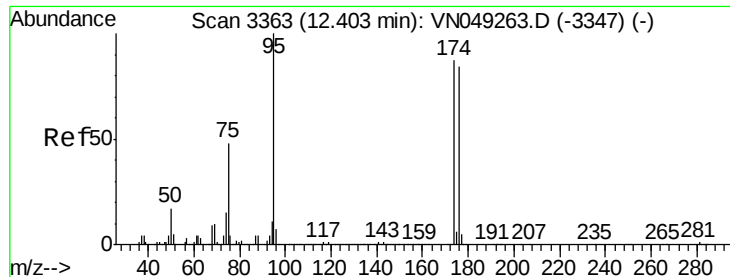
Tot Ion: 88 Resp: 140
Ion Ratio Lower Upper
88 100
43 412.1 30.9 46.3#
58 97.1 58.9 88.3#



#50
Toluene-d8
Concen: 44.10 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

Tgt Ion: 98 Resp: 2543262
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 33.63 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

Instrument :

MSVOA_N

ClientSampleId :

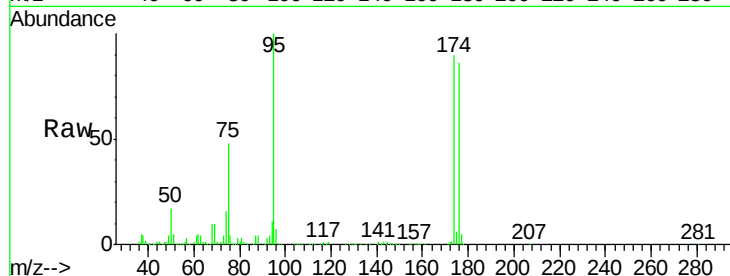
Tot Ion: 95 Resp: 641350

Ion Ratio Lower Upper

95 100

174 91.4 0.0 165.6

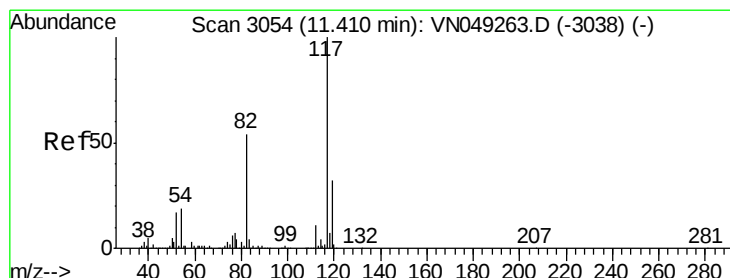
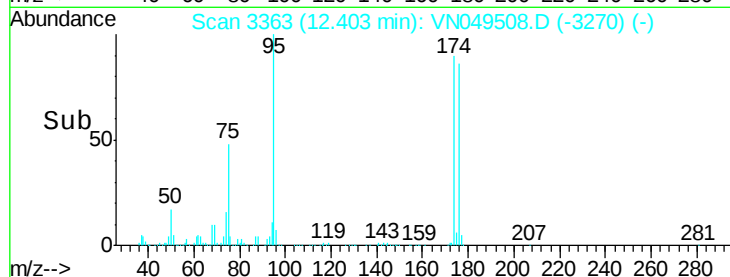
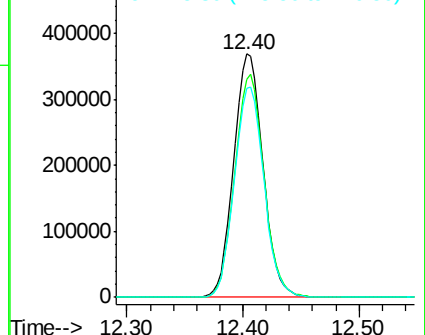
176 87.4 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049508.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049508.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049508.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

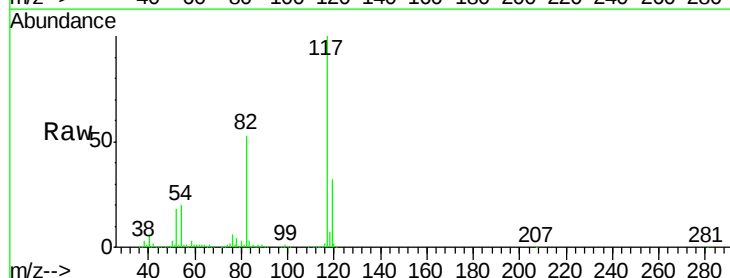
Tgt Ion: 117 Resp: 1527884

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

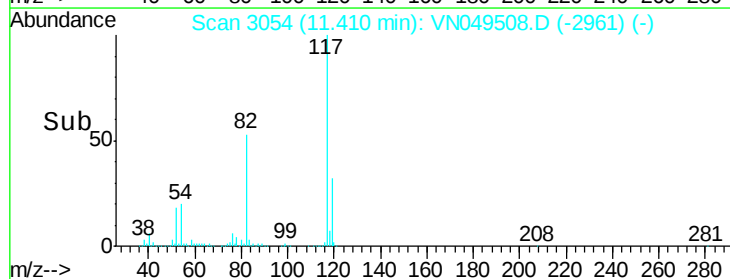
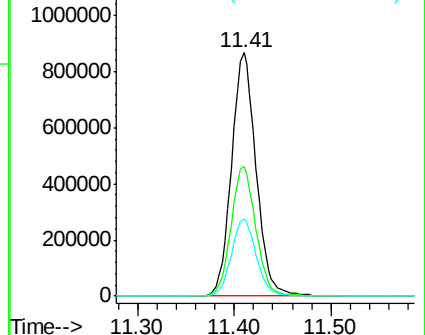
119 31.9 25.5 38.3

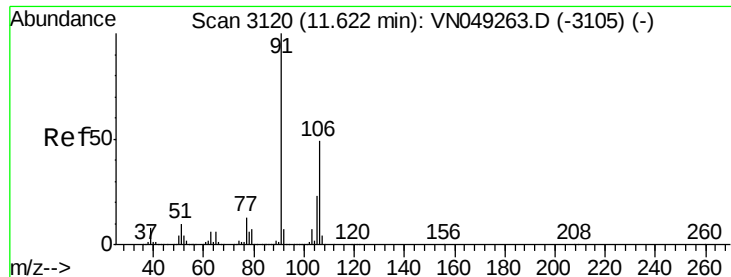


Abundance Ion 116.90 (116.60 to 117.60): VN049508.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049508.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049508.D (-2961) (-)

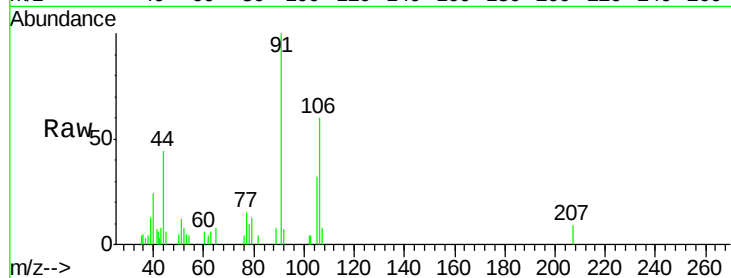




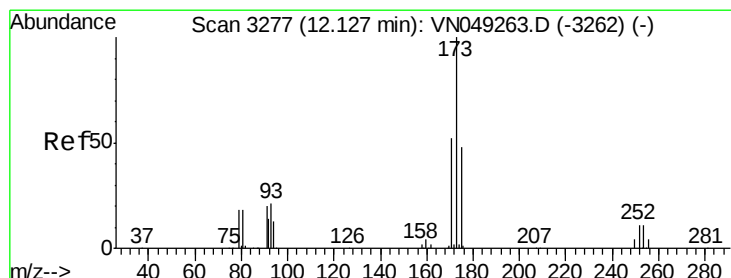
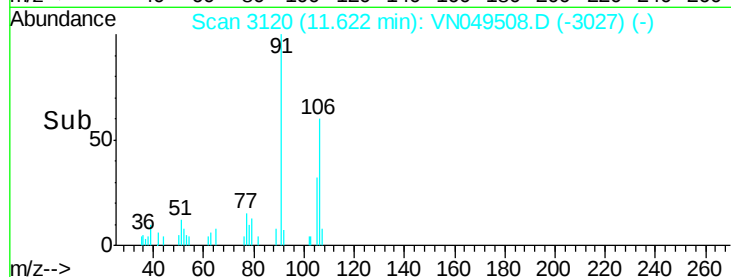
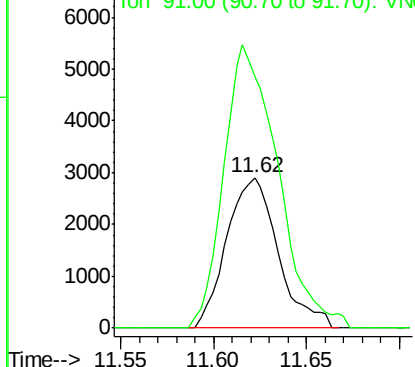
#68
m/p-Xvlenes
Concen: 0.23 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 5602
Ion Ratio Lower Upper
106 100
91 196.8 167.3 250.9

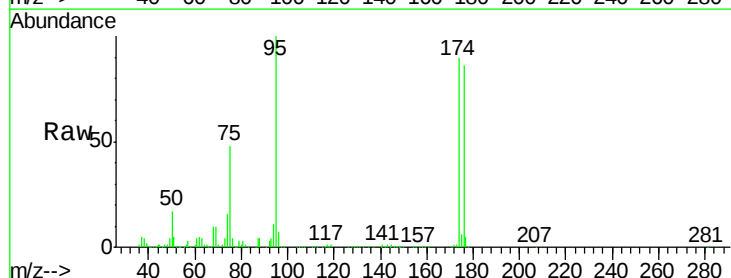


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

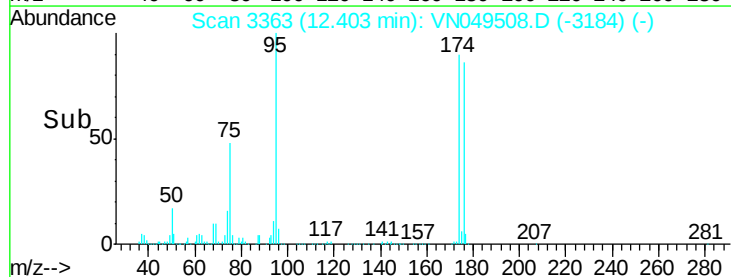
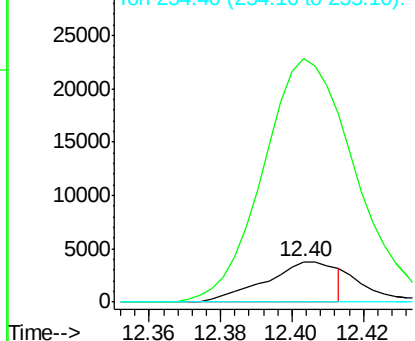


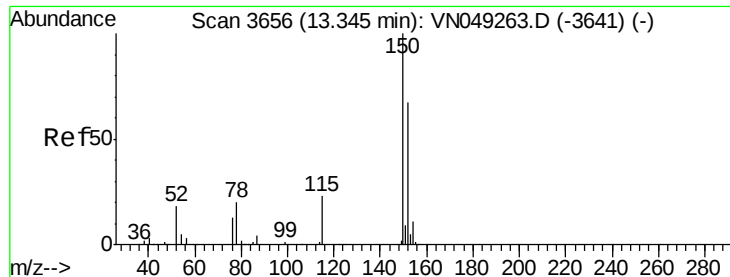
#71
Bromoform
Concen: 0.54 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

Tgt Ion:173 Resp: 5167
Ion Ratio Lower Upper
173 100
175 612.3 24.5 73.5#
254 0.0 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

Instrument :

MSVOA_N

ClientSampleId :

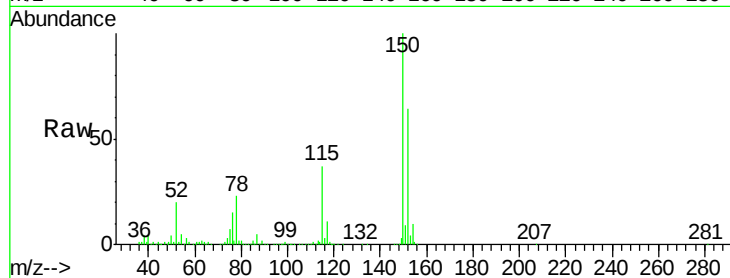
Tot Ion:152 Resp: 455101

Ion Ratio Lower Upper

152 100

115 57.4 28.7 86.1

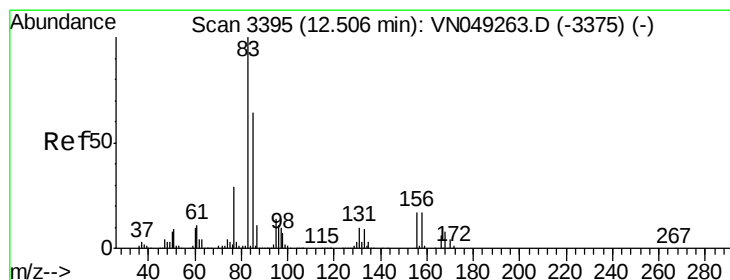
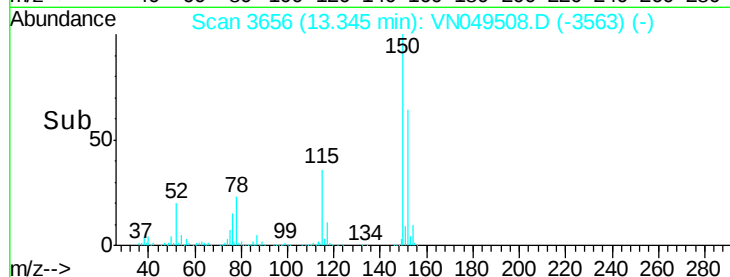
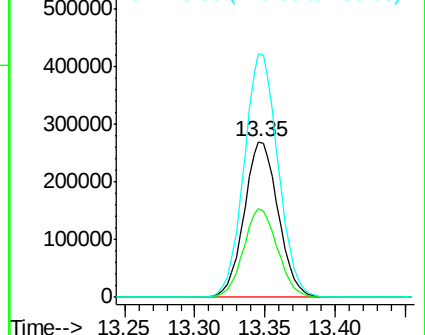
150 156.9 0.0 351.0



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: 12.56 min Scan# 3412

Delta R.T. 0.06 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

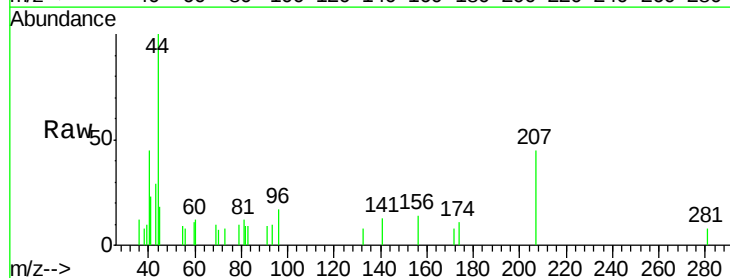
Tgt Ion: 83 Resp: 98

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

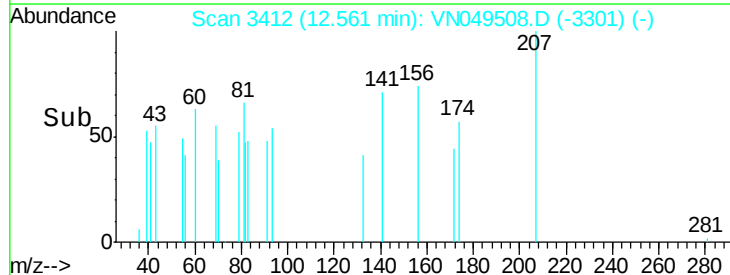
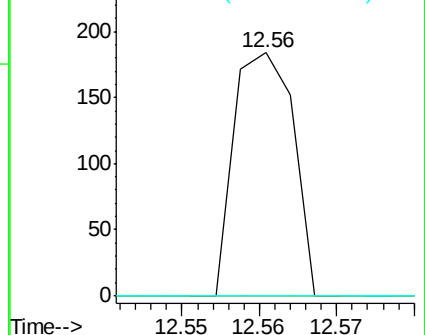
85 0.0 32.0 96.0#

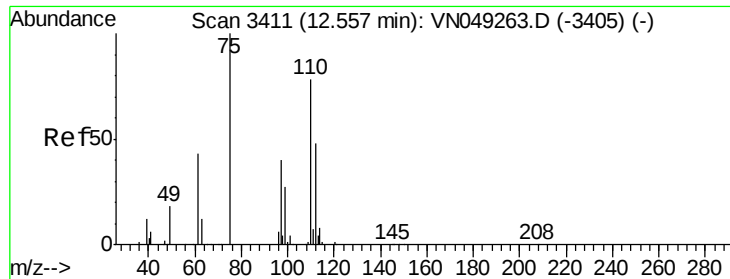


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO

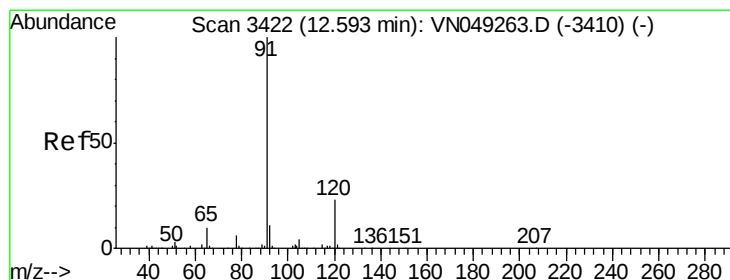
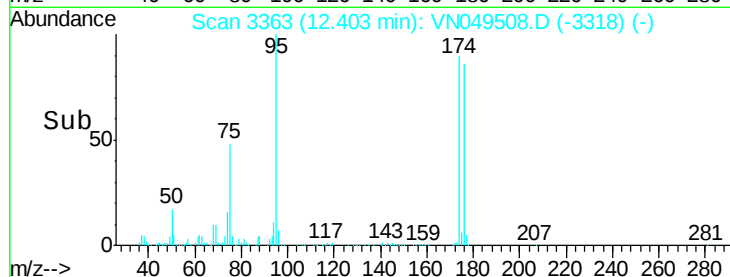
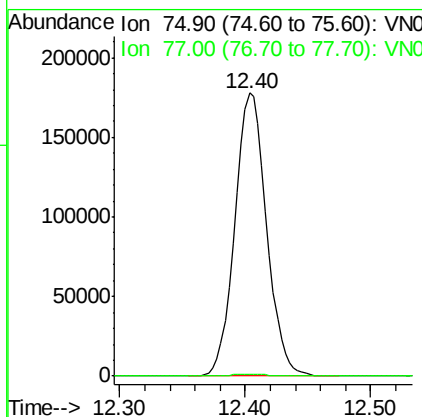
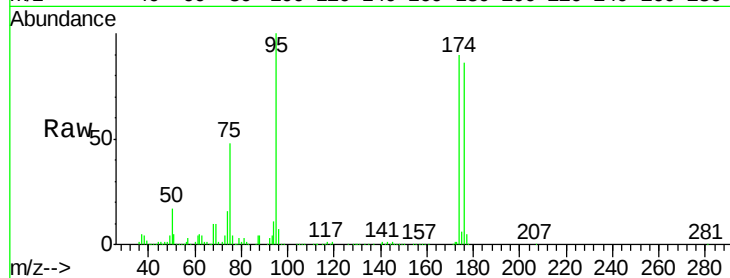




#76
 1,2,3-Trichloropropane
 Concen: 40.10 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049508.D
 Acq: 22 Jun 2018 22:24

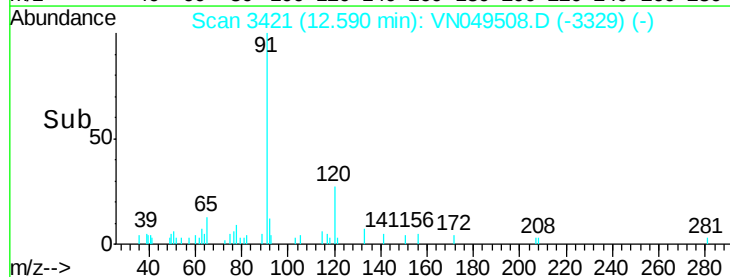
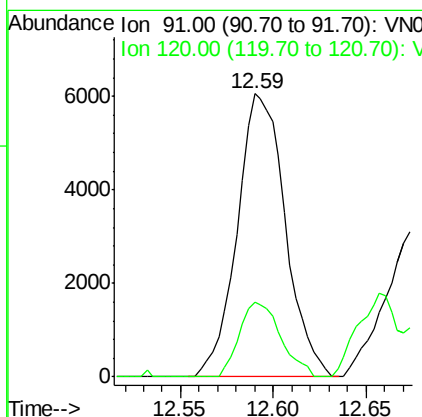
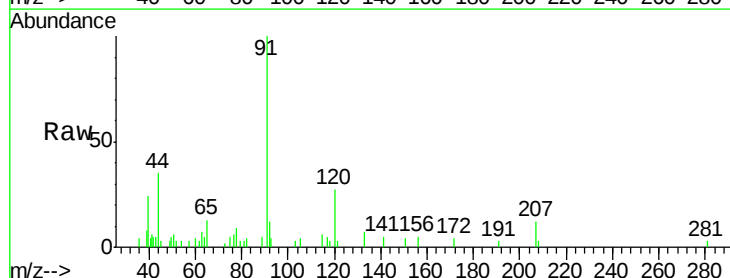
Instrument :
 MSVOA_N
 ClientSampleId :

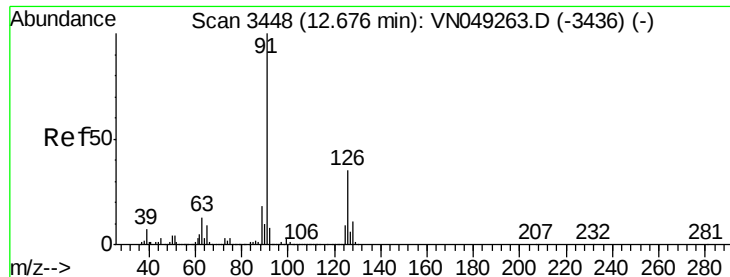
Tot Ion: 75 Resp: 311378
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.25 ug/l
 RT: 12.59 min Scan# 3421
 Delta R.T. -0.00 min
 Lab File: VN049508.D
 Acq: 22 Jun 2018 22:24

Tgt Ion: 91 Resp: 10926
 Ion Ratio Lower Upper
 91 100
 120 22.8 11.2 33.5





#79

2-Chlorotoluene

Concen: 0.22 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

Instrument :

MSVOA_N

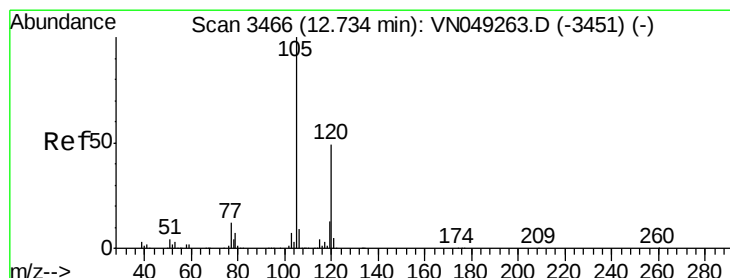
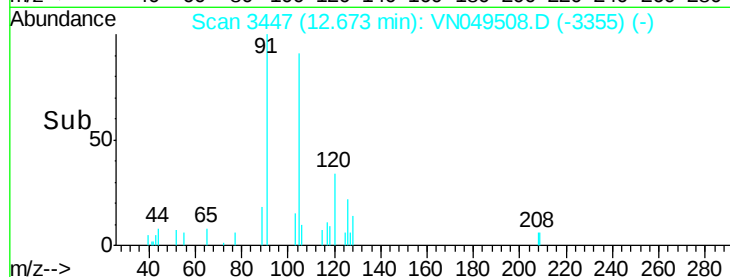
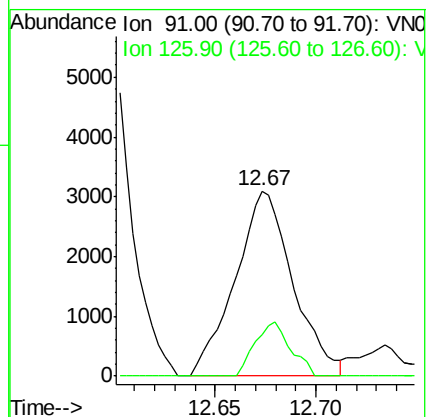
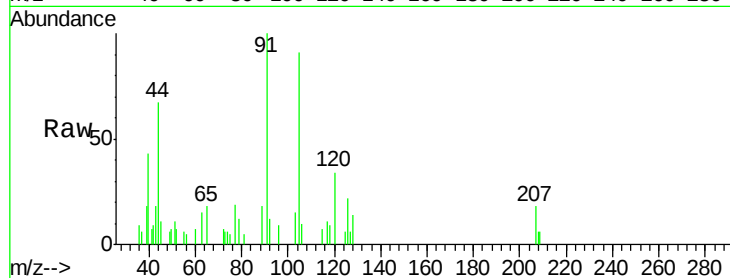
ClientSampled :

Tot Ion: 91 Resp: 6192

Ion Ratio Lower Upper

91 100

126 18.0 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 0.24 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049508.D

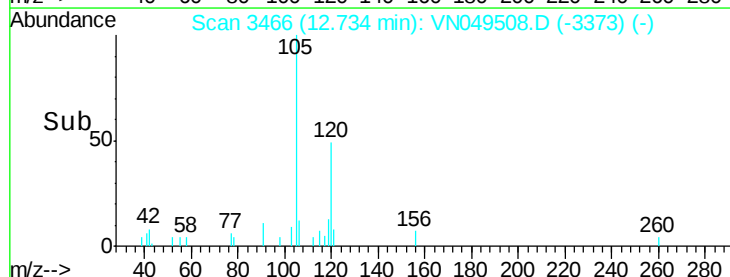
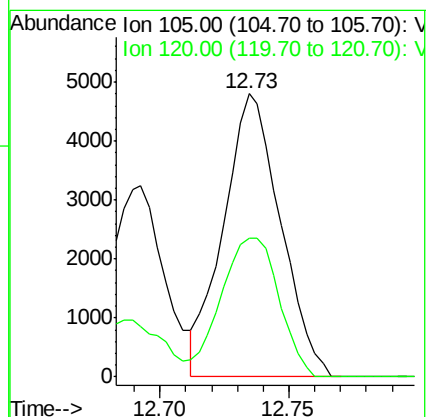
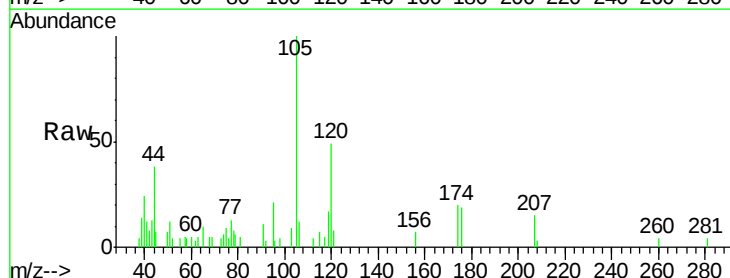
Acq: 22 Jun 2018 22:24

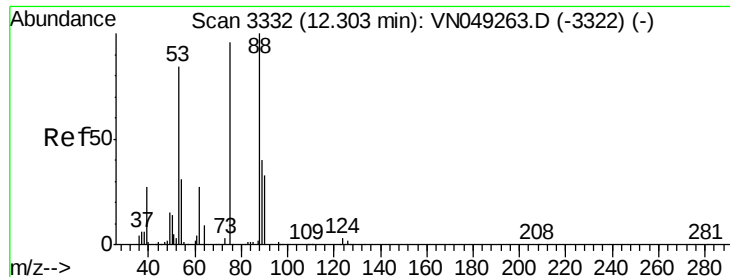
Tgt Ion: 105 Resp: 7391

Ion Ratio Lower Upper

105 100

120 50.5 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 126.74 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

Instrument :

MSVOA_N

ClientSampleId :

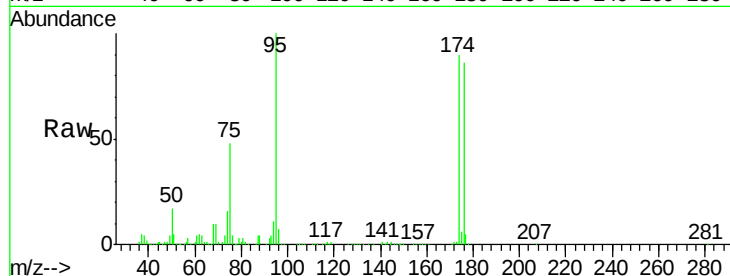
Tot Ion: 75 Resp: 311378

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

89 0.0 36.5 54.7#

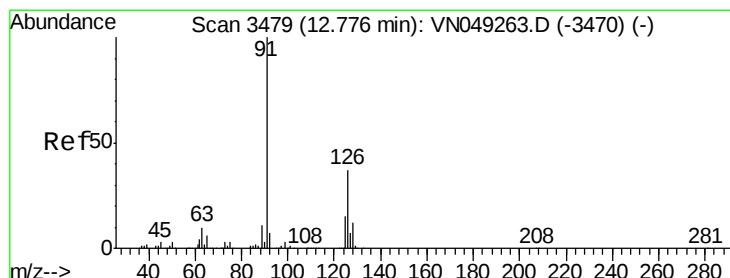
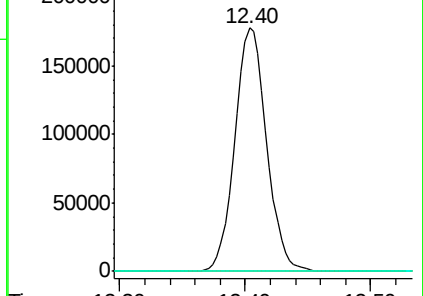
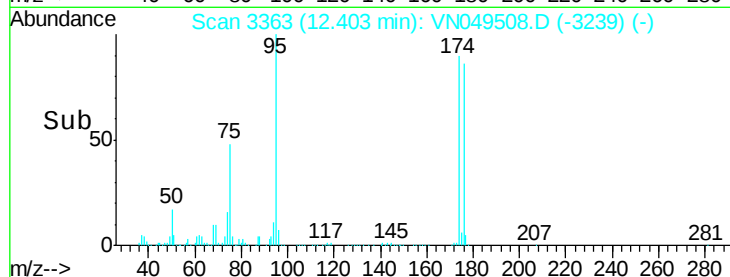


Abundance Ion 74.90 (74.60 to 75.60): VN049508.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049508.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049508.D (-3363) (-)

Time-->



#82

4-Chlorotoluene

Concen: 0.23 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.10 min

Lab File: VN049508.D

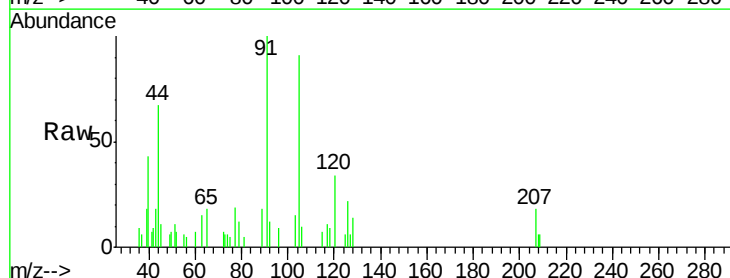
Acq: 22 Jun 2018 22:24

Tgt Ion: 91 Resp: 6192

Ion Ratio Lower Upper

91 100

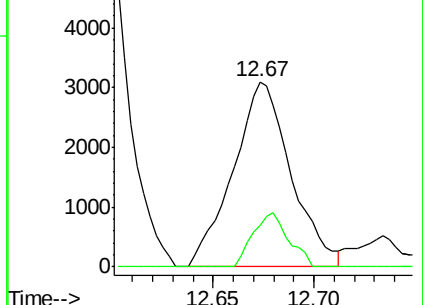
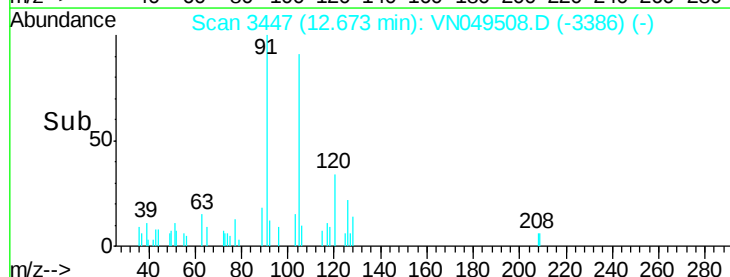
126 18.0 16.4 49.1

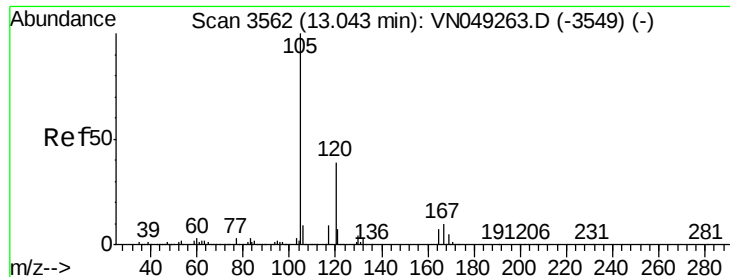


Abundance Ion 91.00 (90.70 to 91.70): VN049508.D (-3447) (-)

Ion 125.90 (125.60 to 126.60): VN049508.D (-3447) (-)

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.77 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

Instrument :

MSVOA_N

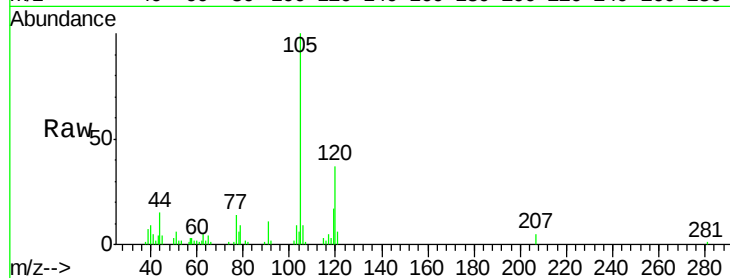
ClientSampleId :

Tot Ion:105 Resp: 24061

Ion Ratio Lower Upper

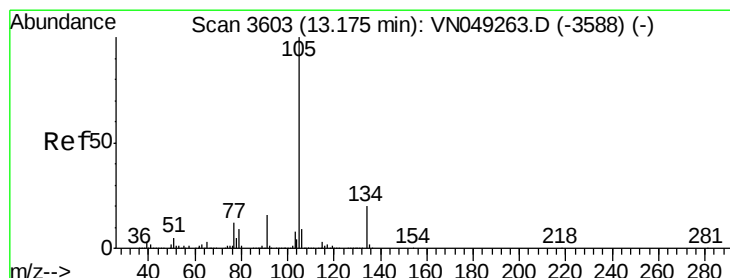
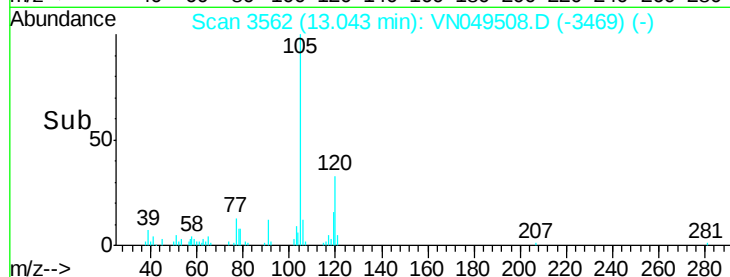
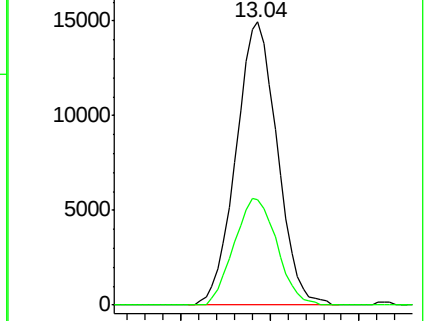
105 100

120 39.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.20 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049508.D

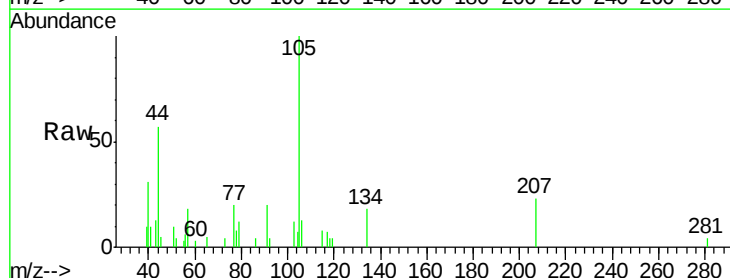
Acq: 22 Jun 2018 22:24

Tgt Ion:105 Resp: 7485

Ion Ratio Lower Upper

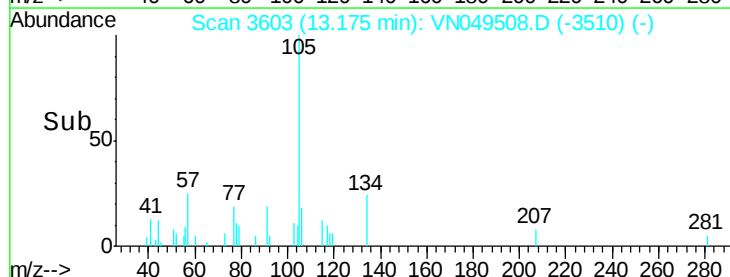
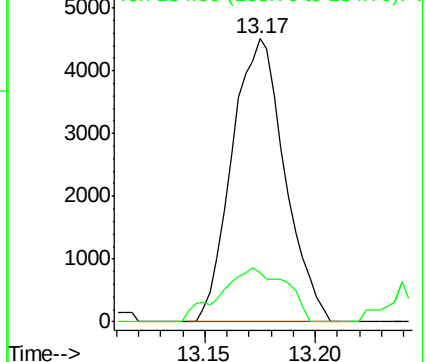
105 100

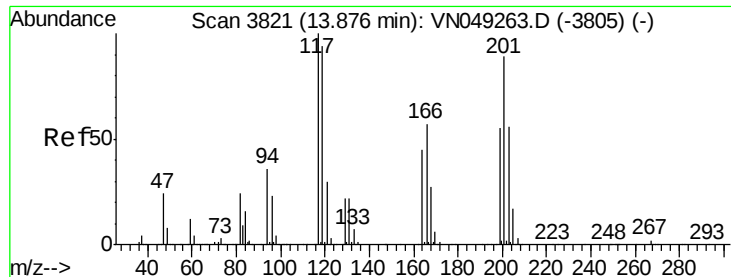
134 23.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

Instrument :

MSVOA_N

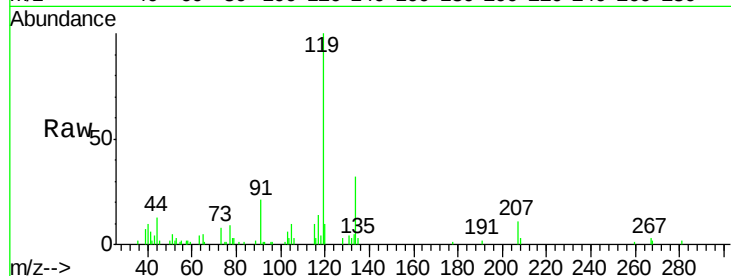
ClientSampleId :

Tot Ion:117 Resp: 3841

Ion Ratio Lower Upper

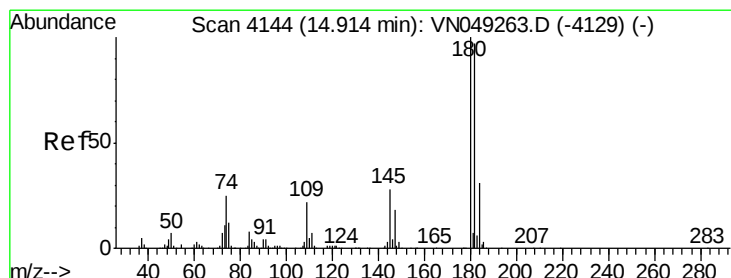
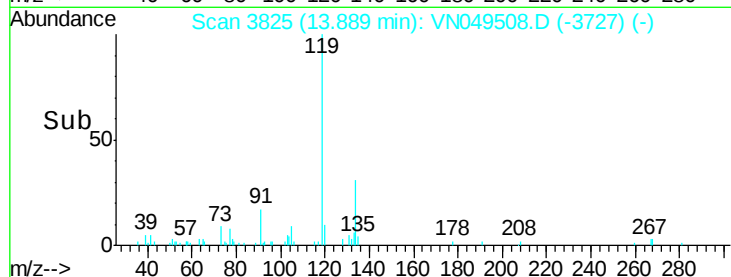
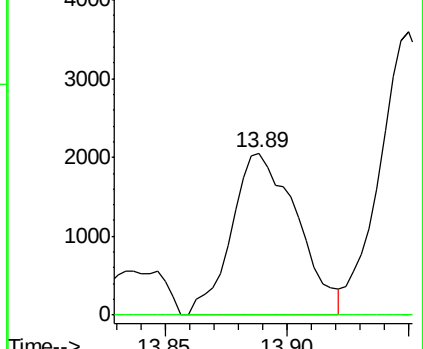
117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 4.76 ug/l

RT: 14.90 min Scan# 4139

Delta R.T. -0.02 min

Lab File: VN049508.D

Acq: 22 Jun 2018 22:24

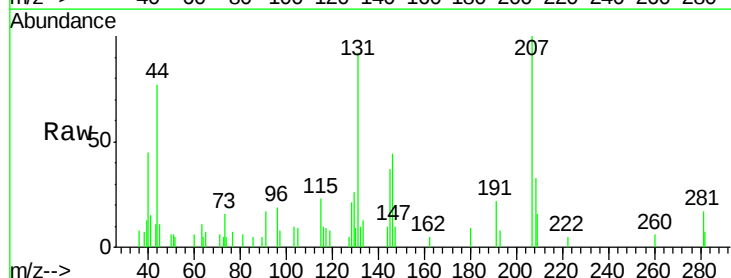
Tgt Ion:180 Resp: 181

Ion Ratio Lower Upper

180 100

182 17.1 46.9 140.8#

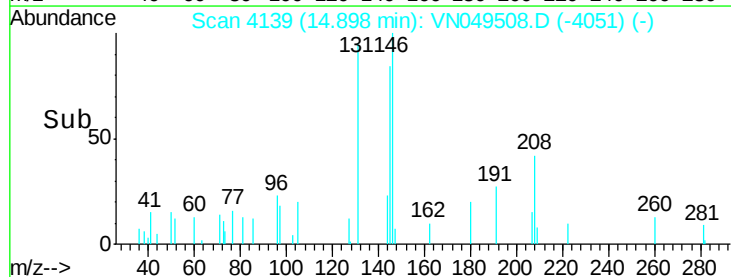
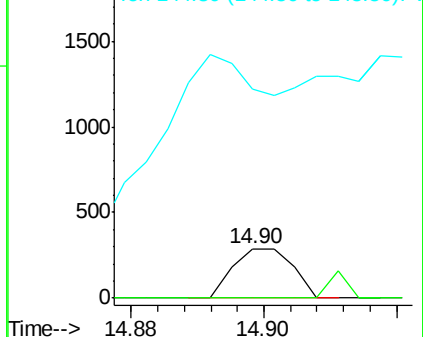
145 1017.1 14.7 44.1#

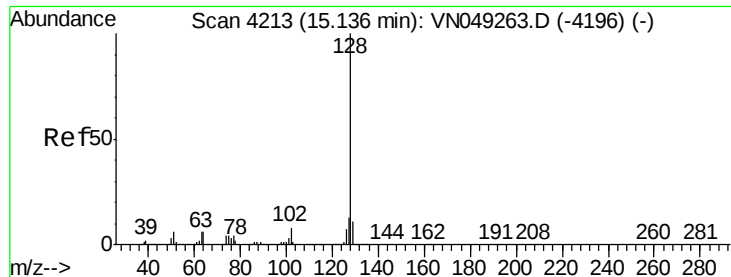


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

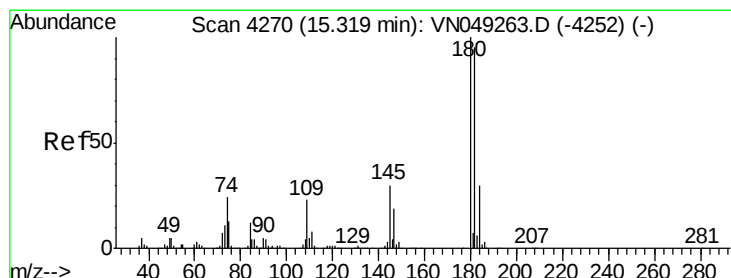
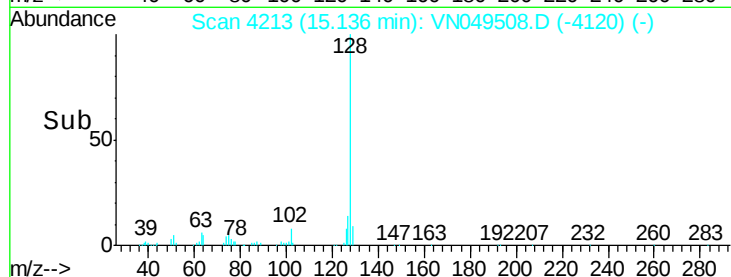
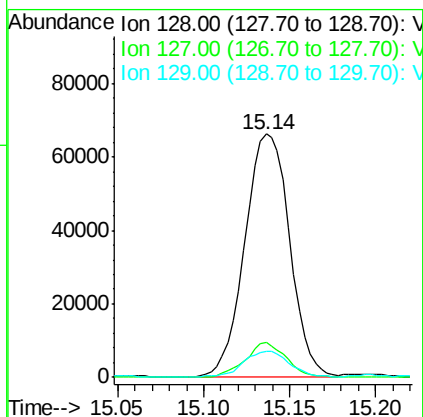
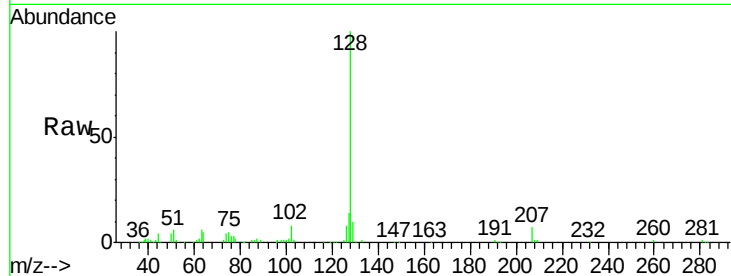




#95
Naphthalene
Concen: 11.36 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 120235
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.1 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.49 ug/l
RT: 15.32 min Scan# 4271
Delta R.T. 0.00 min
Lab File: VN049508.D
Acq: 22 Jun 2018 22:24

Tgt Ion:180 Resp: 242
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 604.5 15.6 46.7#

