

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049374.D
 Acq On : 19 Jun 2018 5:24
 Operator : MD\SY
 Sample : J3566-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 08:00:28 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	1211529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1964295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1628243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	545042	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	816560	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.64%		
35) Dibromofluoromethane	7.59	113	714630	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.94%		
50) Toluene-d8	10.09	98	2657246	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.82%		
62) 4-Bromofluorobenzene	12.40	95	729797	36.47	ug/l	0.00
Spiked Amount 50.000			Recovery =	72.94%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4174	0.23	ug/l	89
5) Bromomethane	2.58	94	3132	0.31	ug/l #	76
11) Tert butyl alcohol	4.75	59	3801	4.03	ug/l #	70
16) Acetone	3.82	43	32026	8.21	ug/l	94
18) Methyl Acetate	4.33	43	135089	11.36	ug/l	98
20) Methylene Chloride	4.55	84	520848	31.96	ug/l	93
25) 2-Butanone	6.85	43	5629	1.07	ug/l	91
29) Tetrahydrofuran	7.22	42	2231	0.66	ug/l #	48
30) Chloroform	7.37	83	10025	0.36	ug/l	99
31) Cyclohexane	7.67	56	23523	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	86950	3.86	ug/l #	50
38) Carbon Tetrachloride	7.67	117	109917	4.72	ug/l #	17
43) Isopropyl Acetate	8.22	43	1147438	49.07	ug/l #	64
49) 1,4-Dioxane	9.20	88	107	0.70	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4108	0.34	ug/l #	69
52) Toluene	10.16	92	8241	0.20	ug/l	92
65) Chlorobenzene	11.44	112	14727	0.35	ug/l	96
67) Ethyl Benzene	11.51	91	66736	0.96	ug/l	93
68) m/p-Xylenes	11.62	106	79293	3.04	ug/l	93
69) o-Xylene	11.95	106	24924	0.99	ug/l	97
71) Bromoform	12.41	173	5002	0.49	ug/l #	1
73) Isopropylbenzene	12.25	105	10376	0.22	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.47	83	73	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	359179	38.62	ug/l #	100
77) Bromobenzene	12.55	156	9029	0.71	ug/l #	1
78) n-propylbenzene	12.60	91	42418	0.81	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	71520	1.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	359179	122.07	ug/l #	9
82) 4-Chlorotoluene	12.73	91	7292	0.23	ug/l #	42
83) tert-Butylbenzene	13.04	119	30585	0.92	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.04	105	213199	5.71	ug/l	97
85) sec-Butylbenzene	13.04	105	213199	4.81	ug/l #	58
90) Hexachloroethane	13.89	117	4516	Below Cal	#	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	553	0.33	ug/l #	14

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Response via : Initial Calibration

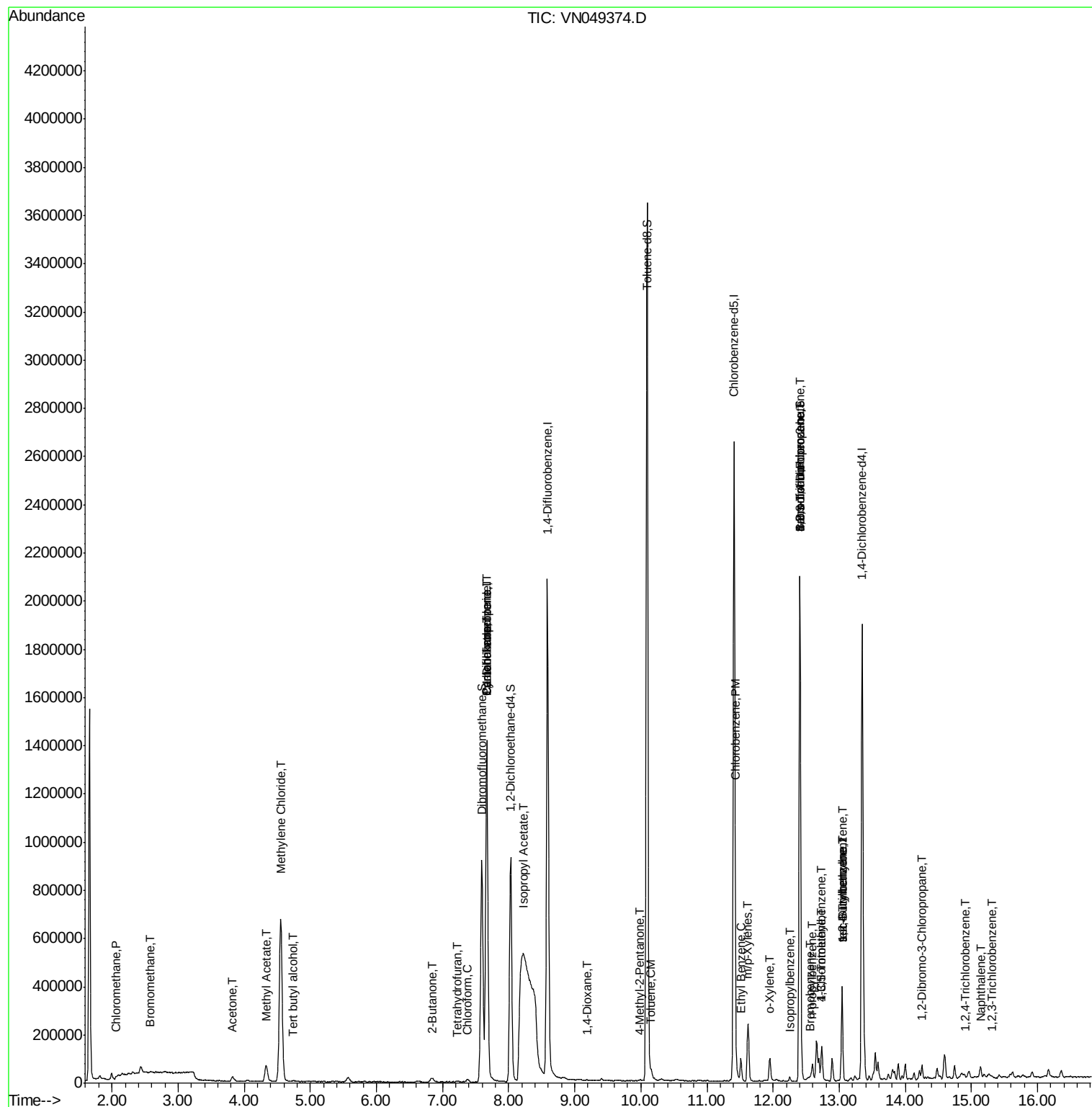
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	264	4.77	ug/l #	31
94) Hexachlorobutadiene	15.01	225	111	Below Cal	#	55
95) Naphthalene	15.14	128	40603	4.75	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	110	3.47	ug/l #	1

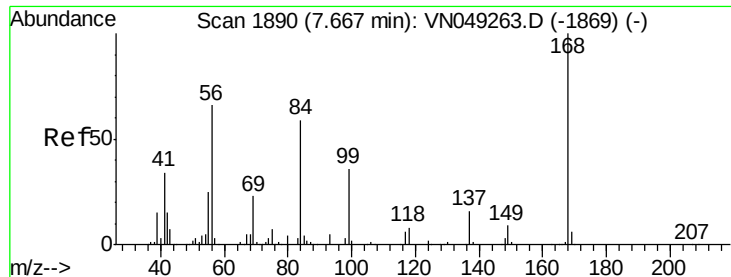
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
Data File : VN049374.D
Acq On : 19 Jun 2018 5:24
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

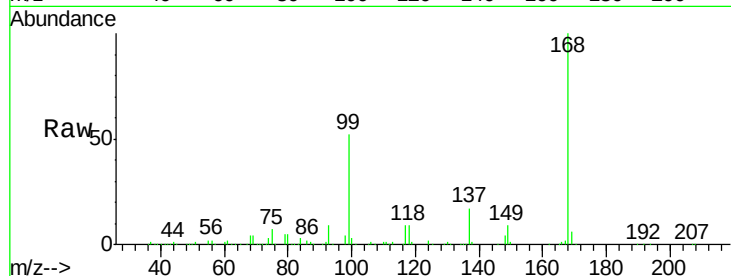
ClientSampleId :

Tot Ion:168 Resp: 1211529

Ion Ratio Lower Upper

168 100

99 52.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049263.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049263.D (-1869) (-)

7.67

500000

400000

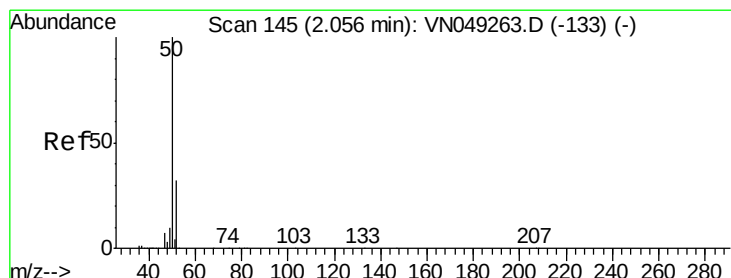
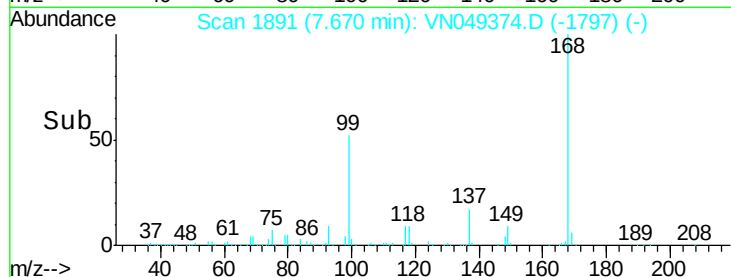
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049374.D

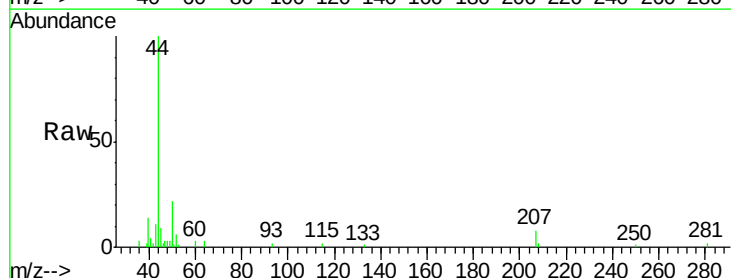
Acq: 19 Jun 2018 5:24

Tgt Ion: 50 Resp: 4174

Ion Ratio Lower Upper

50 100

52 25.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049263.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN049263.D (-133) (-)

2.06

3000

2500

2000

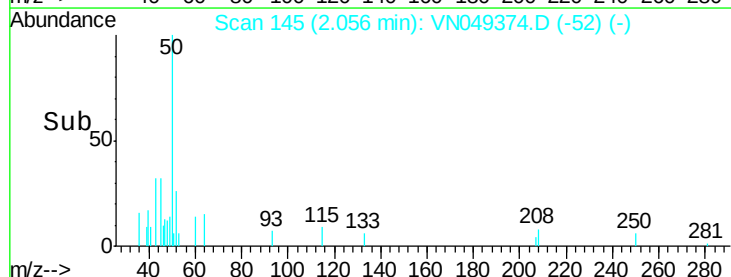
1500

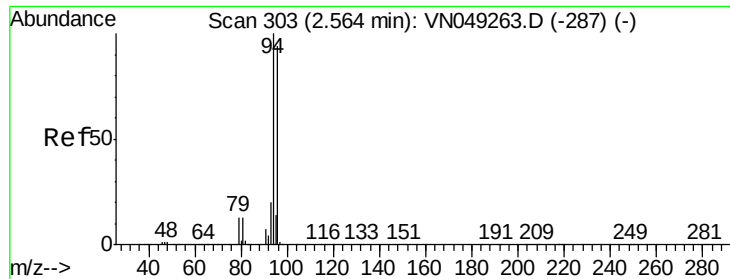
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.31 ug/l

RT: 2.58 min Scan# 308

Delta R.T. 0.02 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

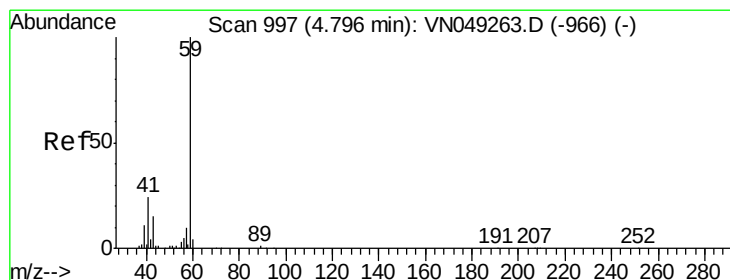
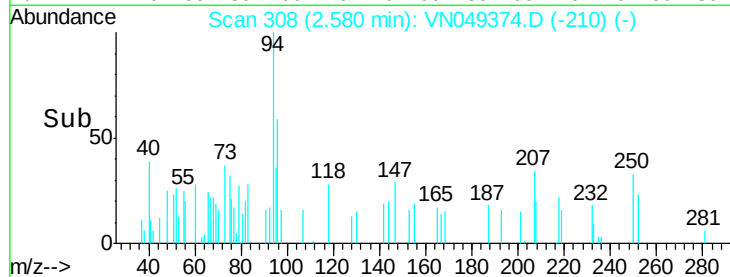
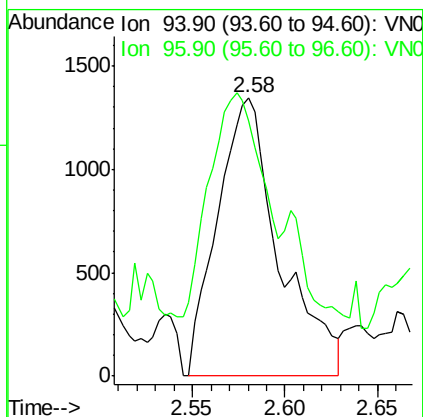
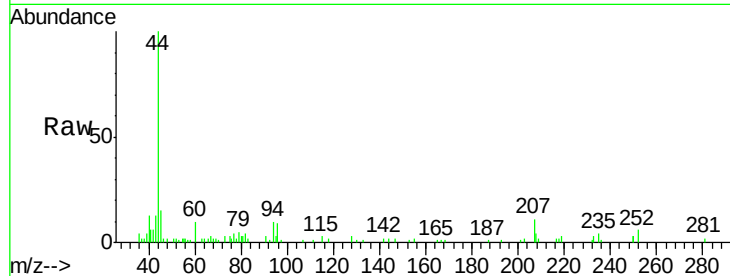
ClientSampled :

Tot Ion: 94 Resp: 3132

Ion Ratio Lower Upper

94 100

96 68.6 72.8 109.2#



#11

Tert butyl alcohol

Concen: 4.03 ug/l

RT: 4.75 min Scan# 982

Delta R.T. -0.05 min

Lab File: VN049374.D

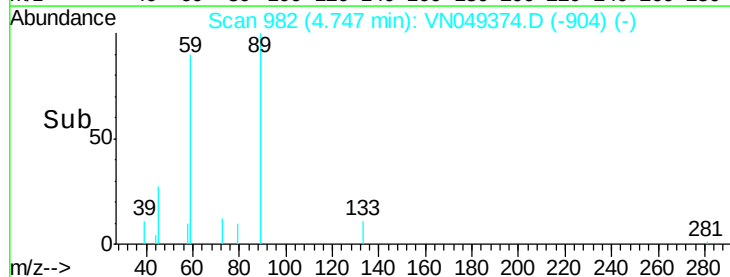
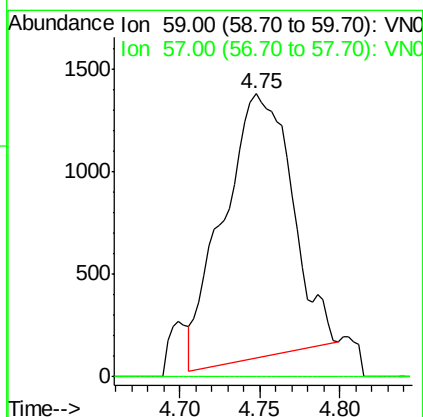
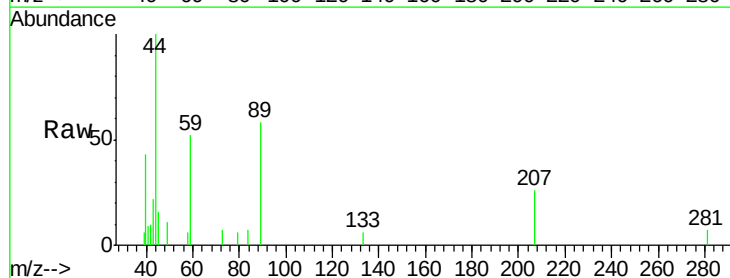
Acq: 19 Jun 2018 5:24

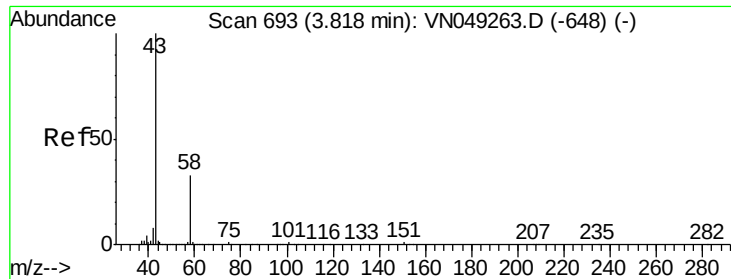
Tgt Ion: 59 Resp: 3801

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#





#16

Acetone

Concen: 8.21 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

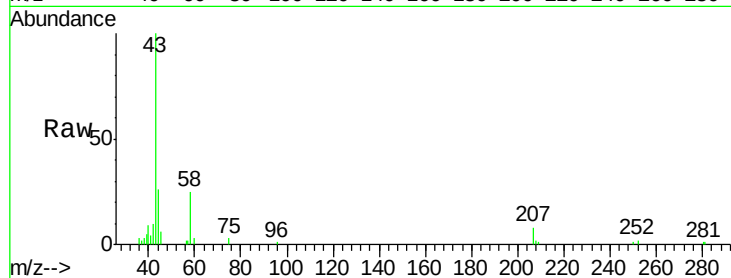
ClientSampled :

Tot Ion: 43 Resp: 32026

Ion Ratio Lower Upper

43 100

58 24.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049374.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049374.D (-600) (-)

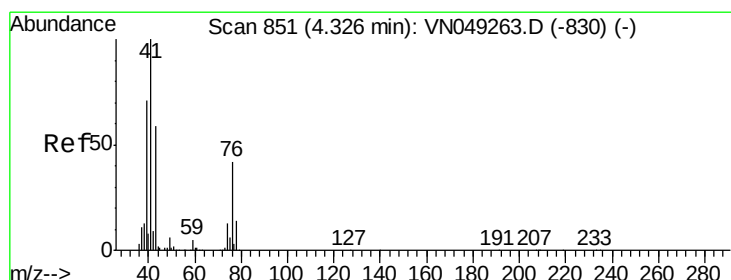
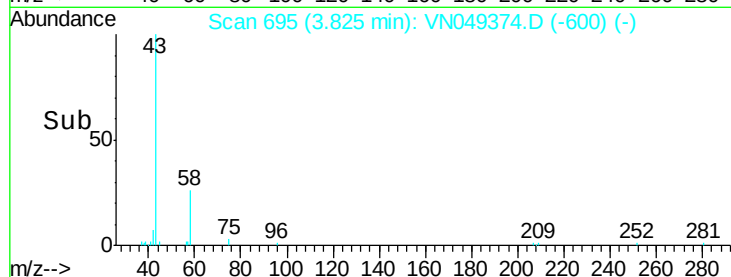
3.82

10000

5000

0

Time--> 3.70 3.80 3.90



#18

Methyl Acetate

Concen: 11.36 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049374.D

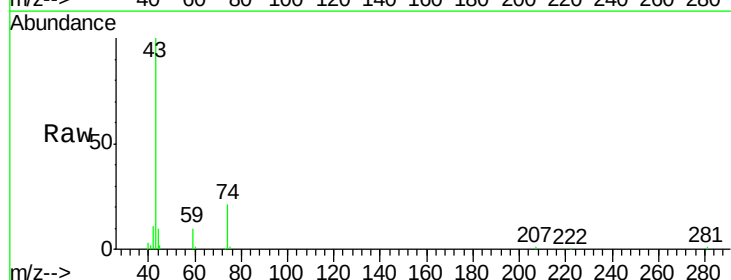
Acq: 19 Jun 2018 5:24

Tgt Ion: 43 Resp: 135089

Ion Ratio Lower Upper

43 100

74 22.6 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049374.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN049374.D (-758) (-)

4.33

50000

40000

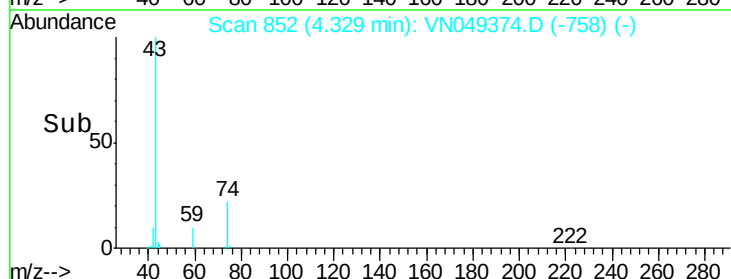
30000

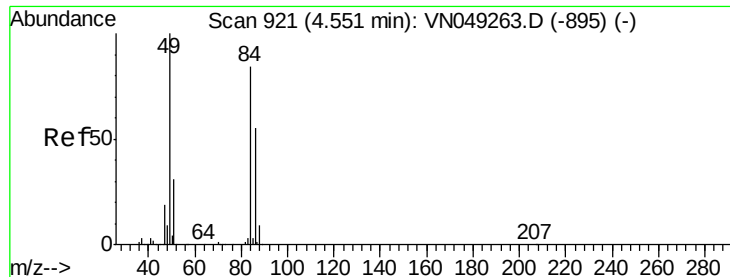
20000

10000

0

Time--> 4.20 4.30 4.40

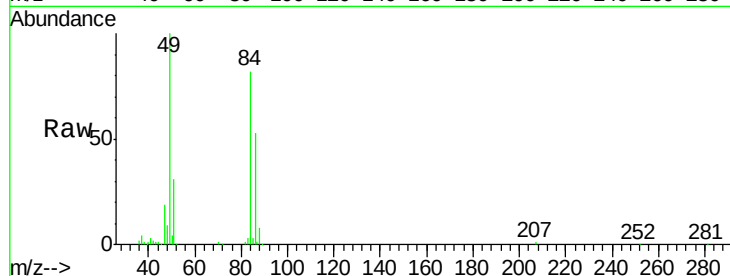




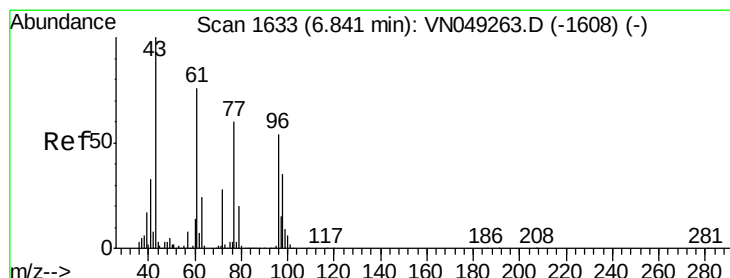
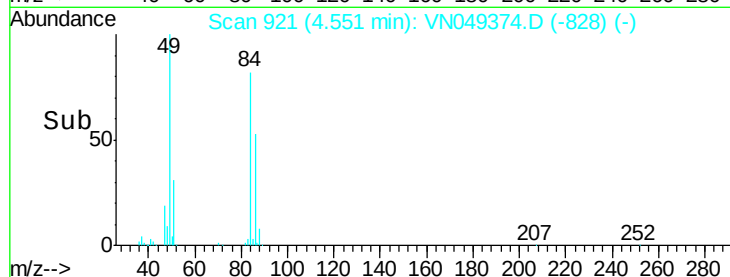
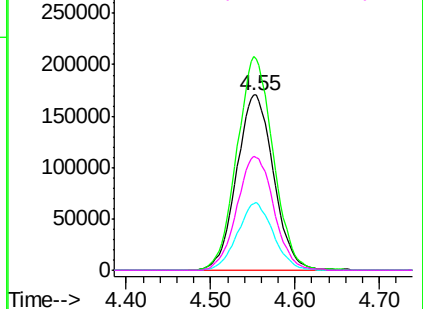
#20
Methylene Chloride
Concen: 31.96 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 520848
Ion Ratio Lower Upper
84 100
49 122.1 106.9 160.3
51 38.4 32.7 49.1
86 64.9 49.8 74.8

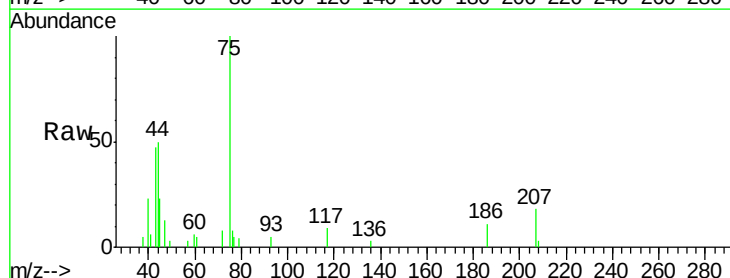


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

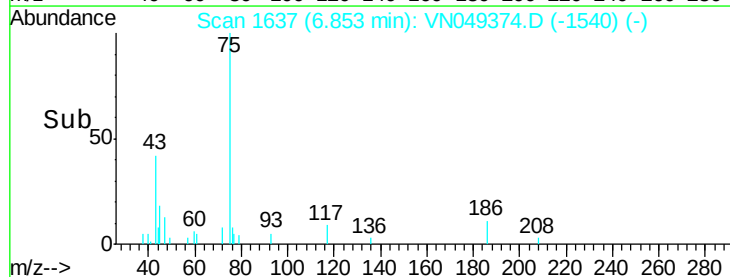
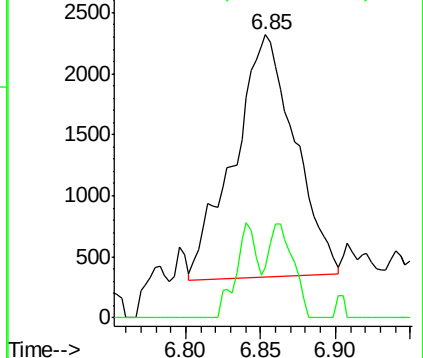


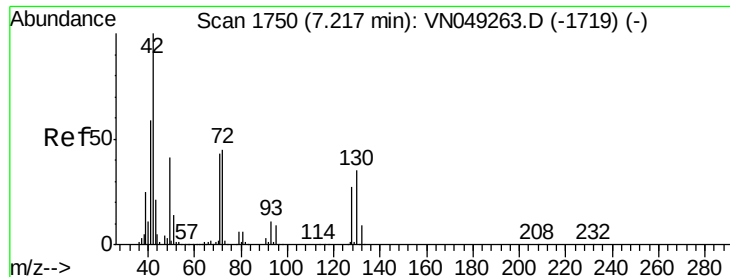
#25
2-Butanone
Concen: 1.07 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Tgt Ion: 43 Resp: 5629
Ion Ratio Lower Upper
43 100
72 20.8 20.2 30.2



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

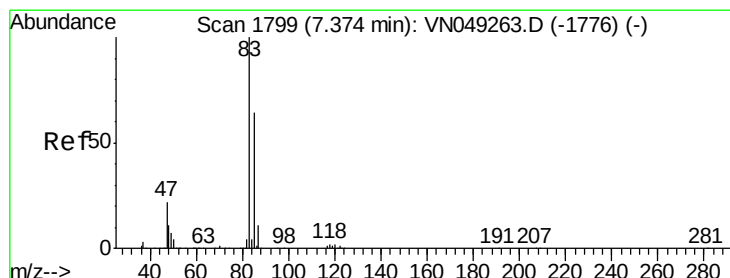
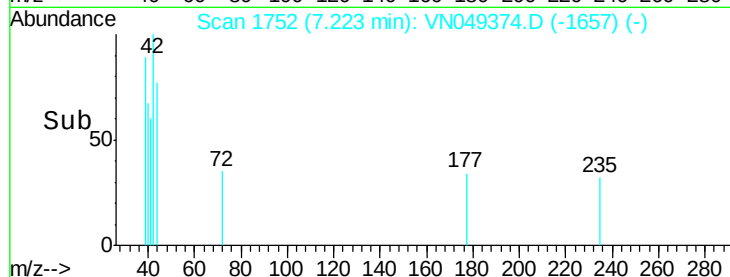
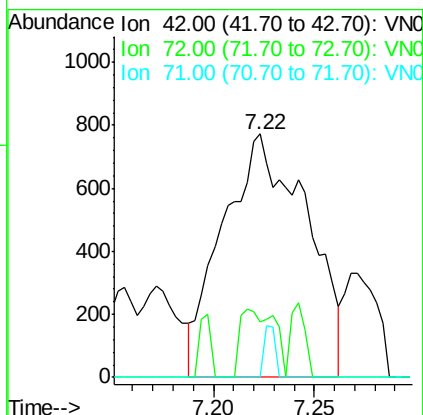
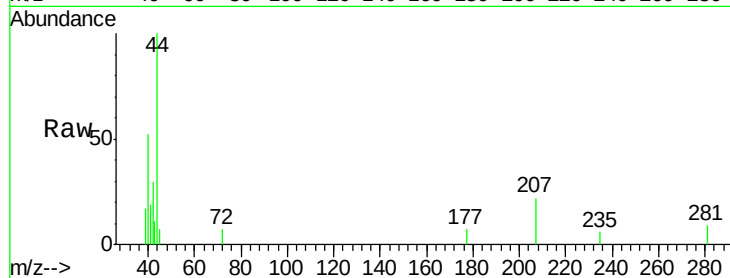




#29
Tetrahydrofuran
Concen: 0.66 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

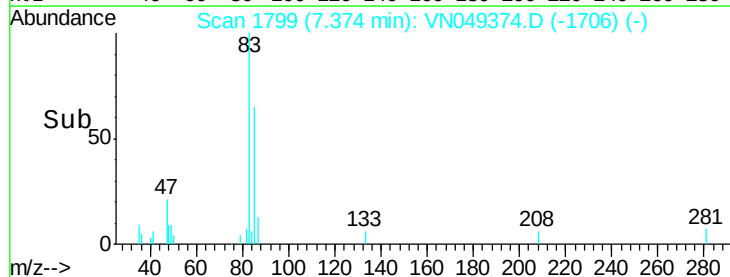
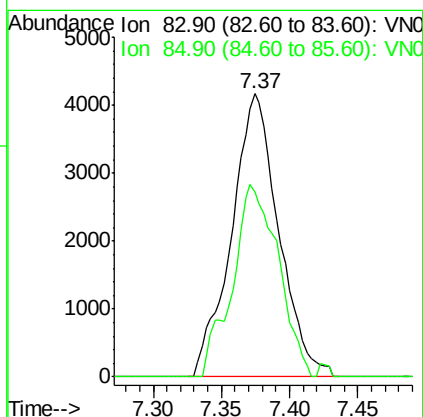
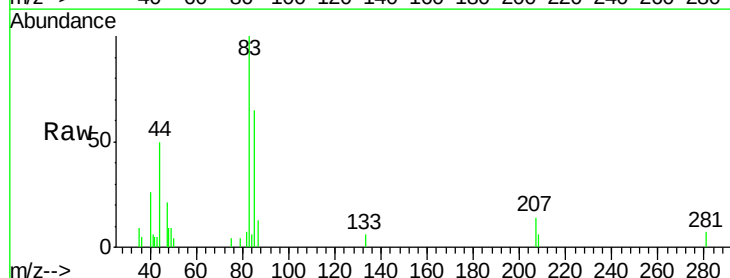
Instrument :
MSVOA_N
ClientSampled :

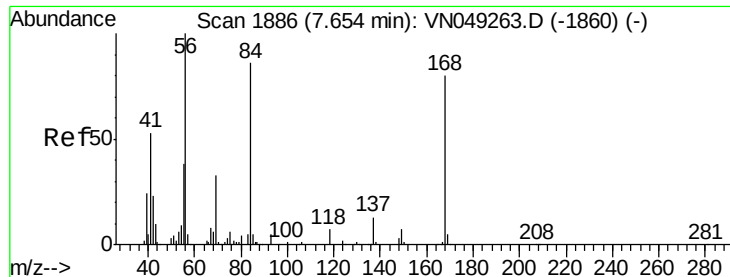
Tot Ion: 42 Resp: 2231
Ion Ratio Lower Upper
42 100
72 11.6 32.2 48.4#
71 2.8 30.5 45.7#



#30
Chloroform
Concen: 0.36 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Tgt Ion: 83 Resp: 10025
Ion Ratio Lower Upper
83 100
85 65.1 51.7 77.5

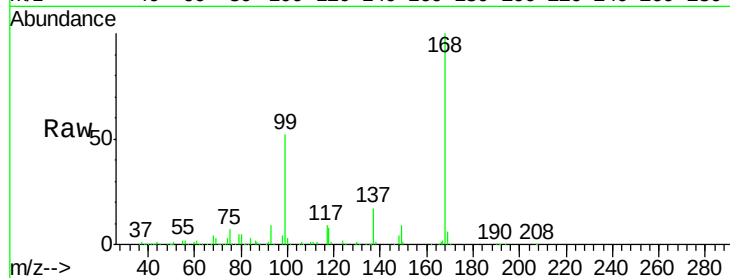




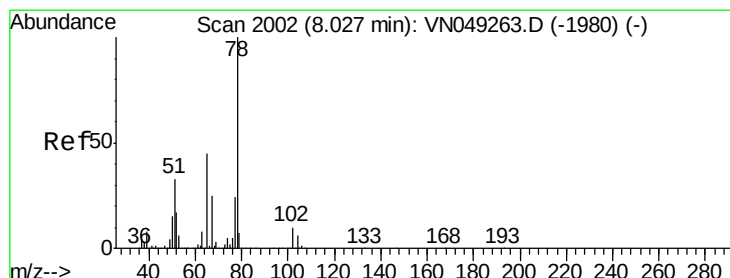
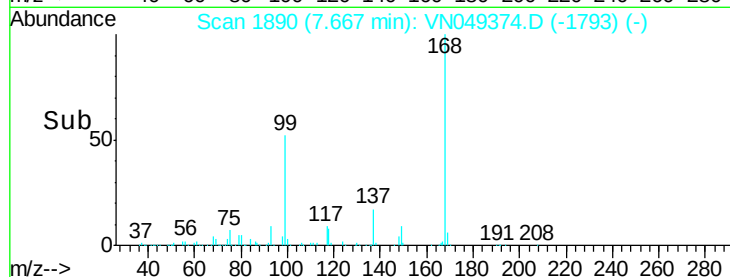
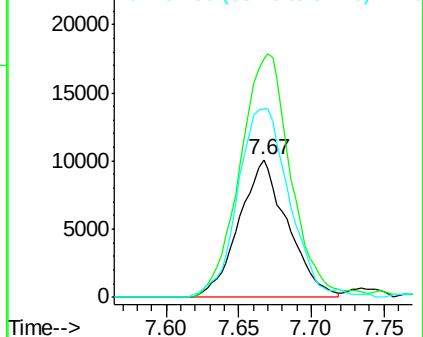
#31
Cyclohexane
Concen: 0.82 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 23523
Ion Ratio Lower Upper
56 100
69 173.3 25.0 37.4#
84 137.5 64.6 96.8#

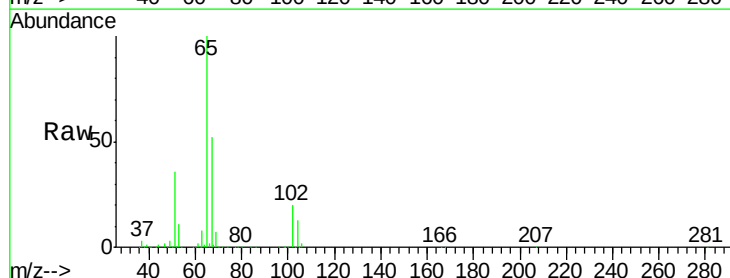


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

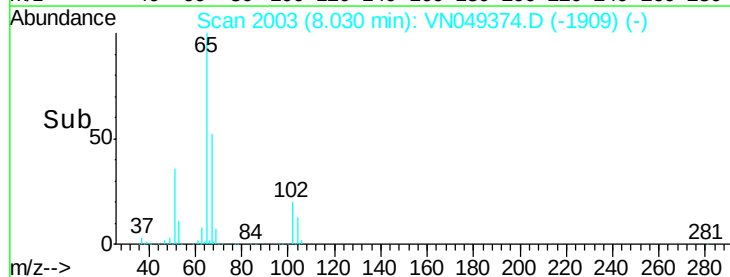
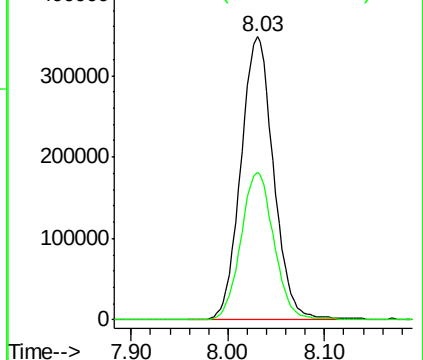


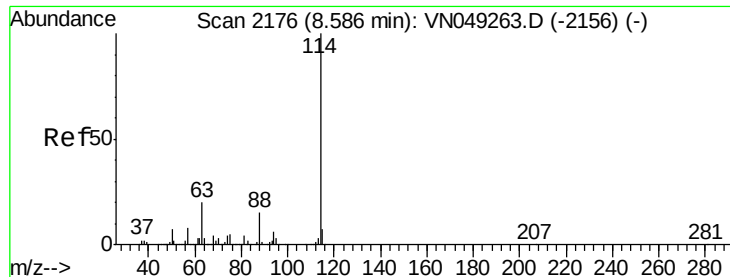
#33
1,2-Dichloroethane-d4
Concen: 50.82 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Tgt Ion: 65 Resp: 816560
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

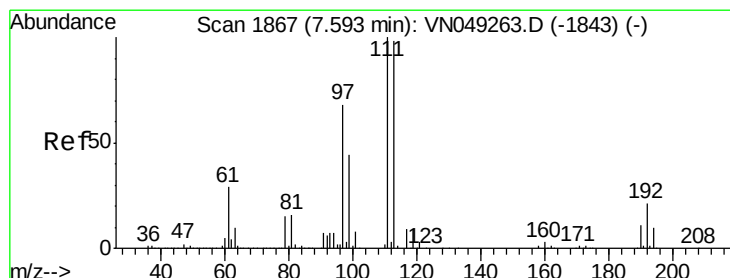
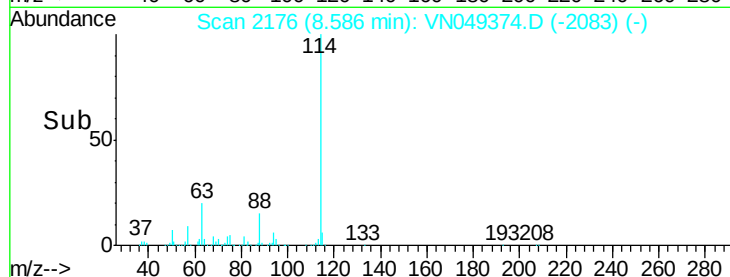
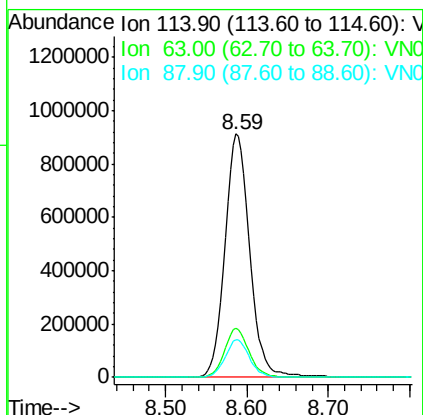
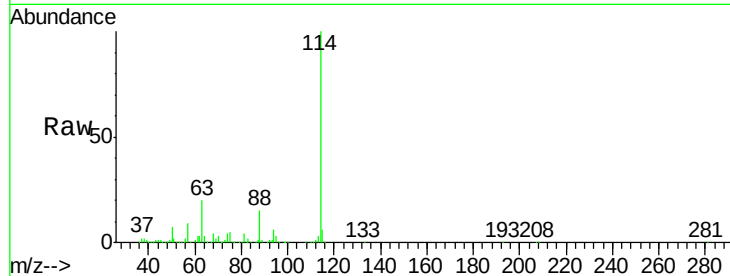




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049374.D
 Acq: 19 Jun 2018 5:24

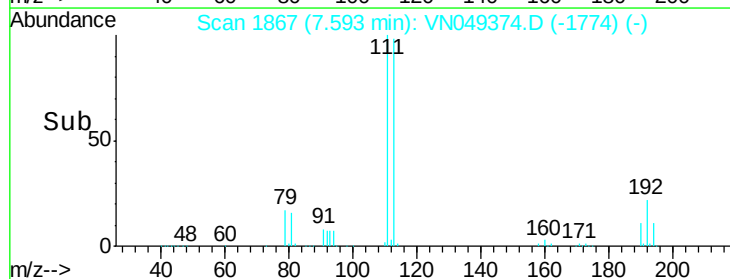
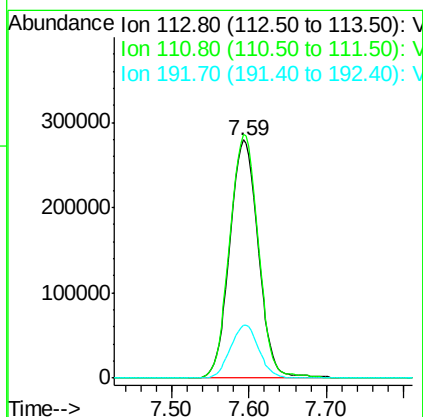
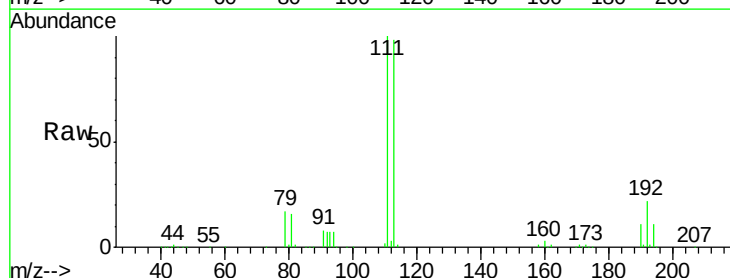
Instrument :
 MSVOA_N
 ClientSampleId :

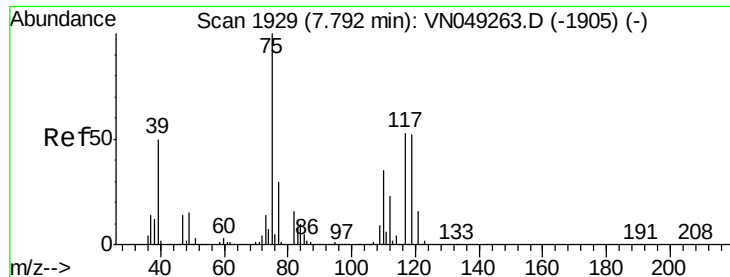
Tot Ion:114 Resp: 1964295
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.5 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 44.97 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049374.D
 Acq: 19 Jun 2018 5:24

Tgt Ion:113 Resp: 714630
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 22.2 15.0 22.6

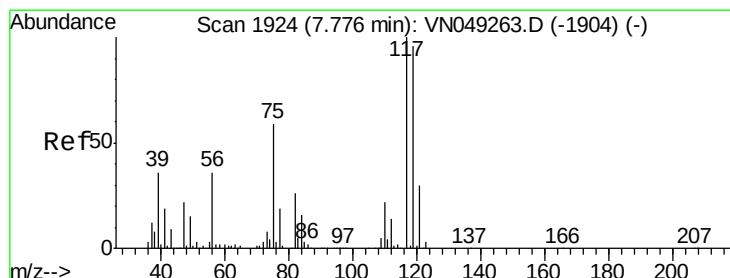
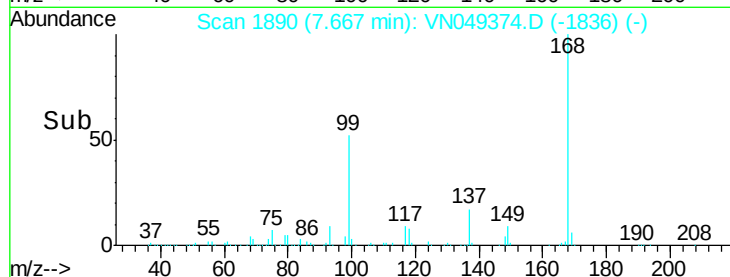
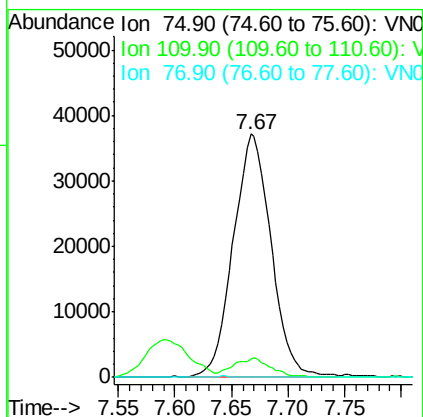
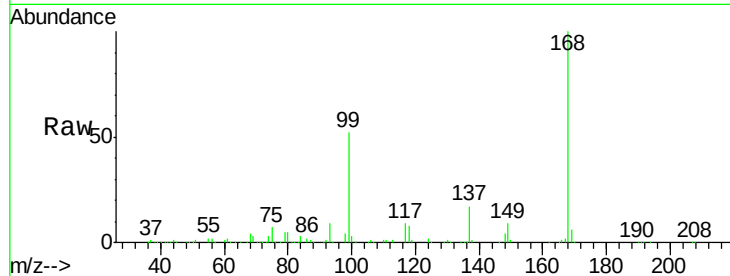




#36
 1,1-Dichloropropene
 Concen: 3.86 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049374.D
 Acq: 19 Jun 2018 5:24

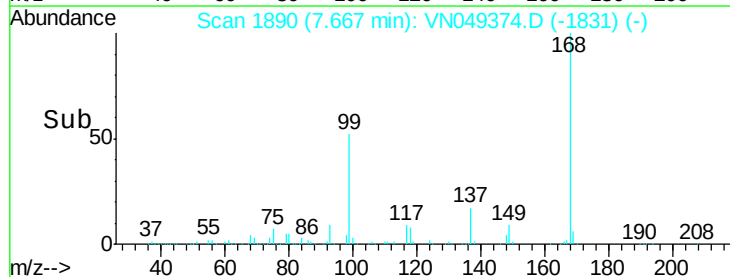
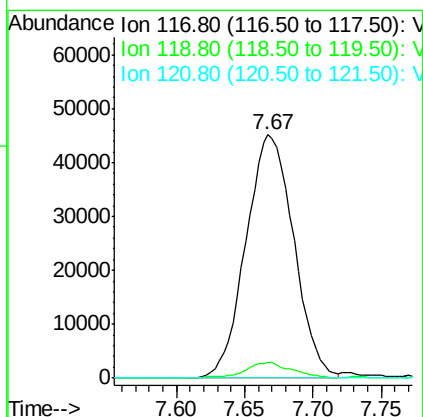
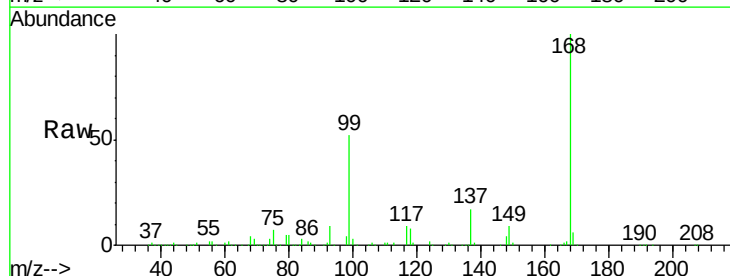
Instrument :
 MSVOA_N
 ClientSampled :

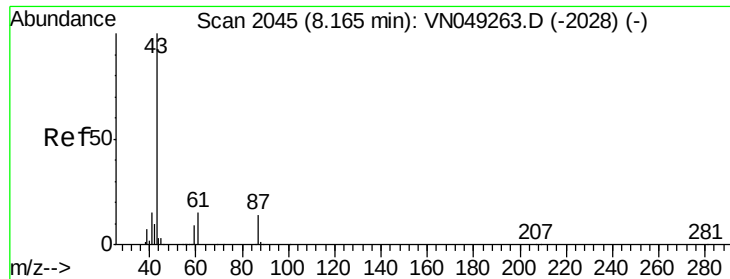
Tot Ion	75	Resp	86950
Ion Ratio	Lower	Upper	
75	100		
110	7.8	17.0	50.9#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 4.72 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049374.D
 Acq: 19 Jun 2018 5:24

Tgt Ion	117	Resp	109917
Ion Ratio	Lower	Upper	
117	100		
119	6.3	75.6	113.4#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 49.07 ug/l

RT: 8.22 min Scan# 2062

Delta R.T. 0.05 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

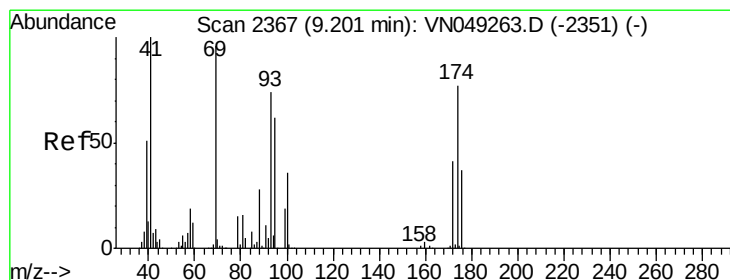
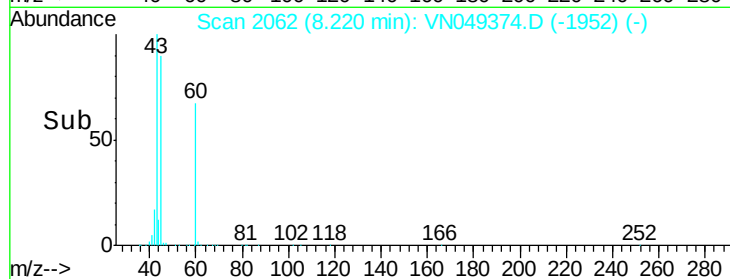
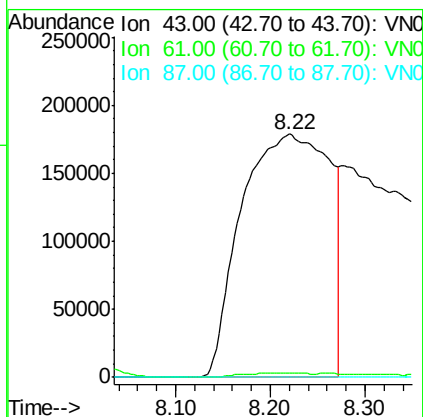
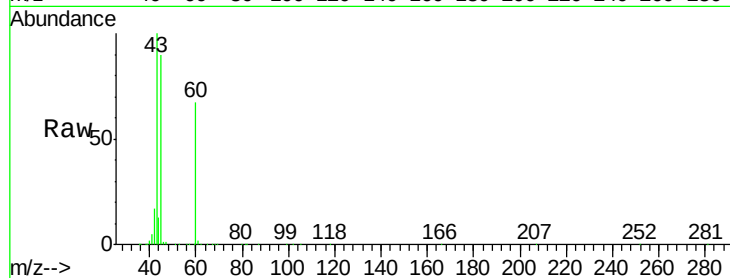
Tot Ion: 43 Resp: 1147438

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.4 14.0#



#49

1,4-Dioxane

Concen: 0.70 ug/l

RT: 9.20 min Scan# 2366

Delta R.T. -0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

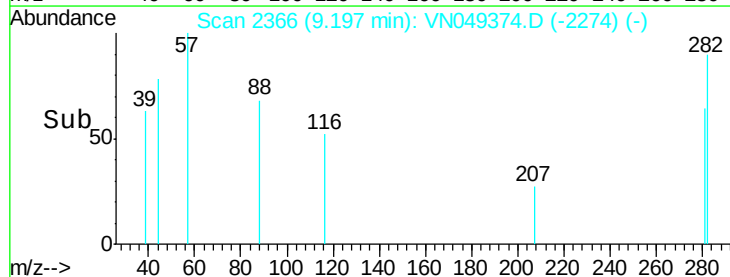
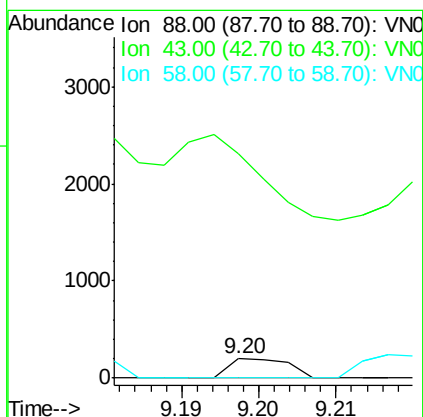
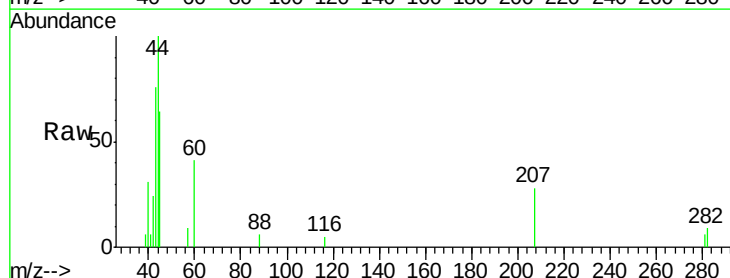
Tgt Ion: 88 Resp: 107

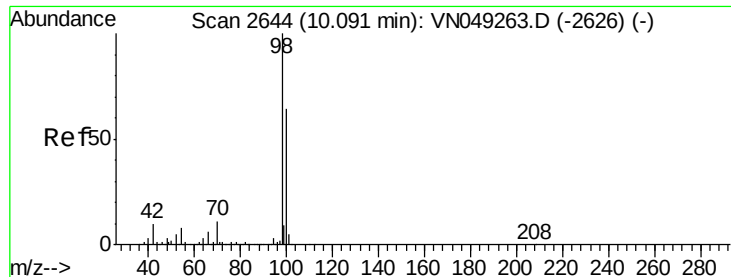
Ion Ratio Lower Upper

88 100

43 542.1 30.9 46.3#

58 0.0 58.9 88.3#





#50

Toluene-d8

Concen: 43.91 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

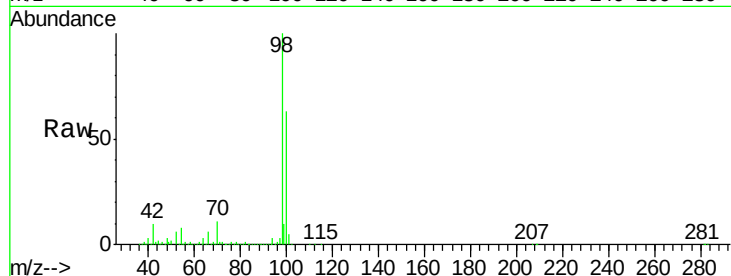
ClientSampleId :

Tot Ion: 98 Resp: 2657246

Ion Ratio Lower Upper

98 100

100 63.3 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

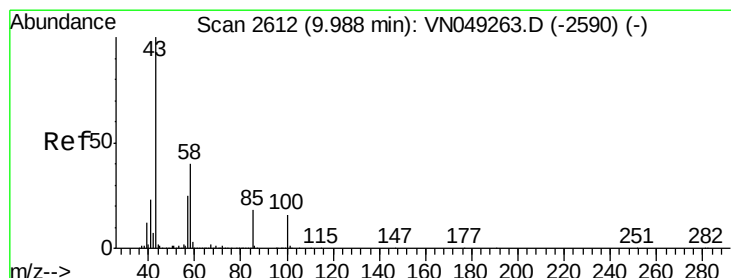
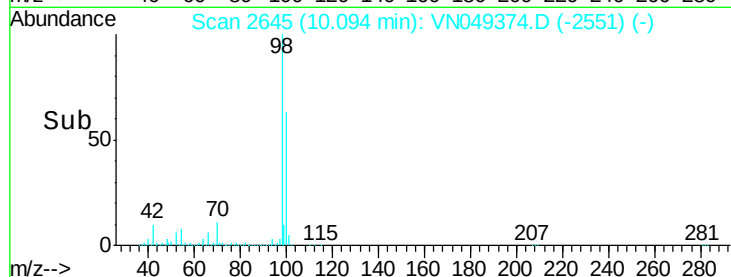
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.34 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049374.D

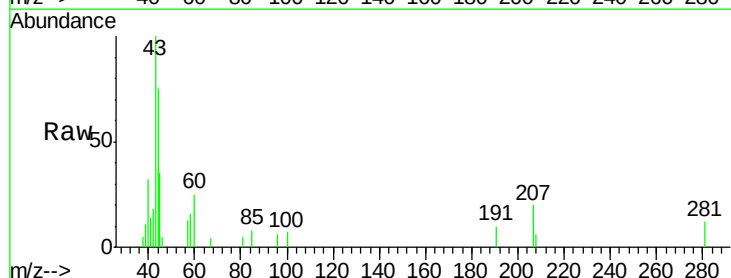
Acq: 19 Jun 2018 5:24

Tgt Ion: 43 Resp: 4108

Ion Ratio Lower Upper

43 100

58 17.8 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

4000

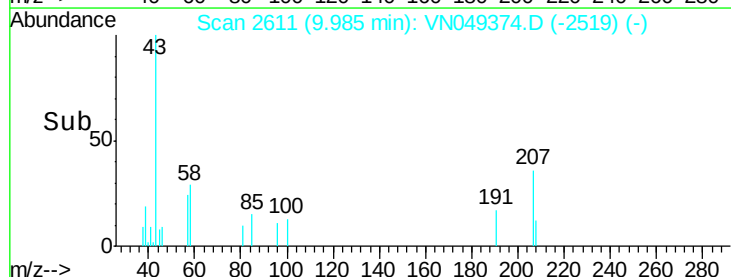
3000

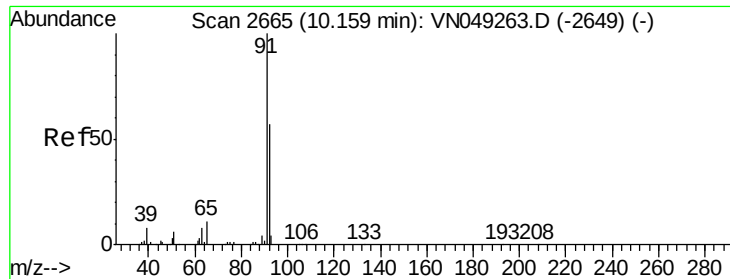
2000

1000

0

Time-->





#52

Toluene

Concen: 0.20 ug/l

RT: 10.16 min Scan# 2666

Delta R.T. 0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

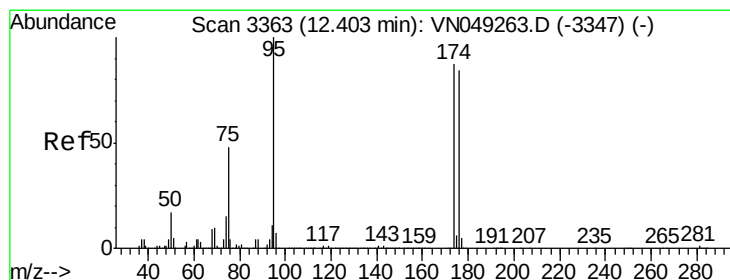
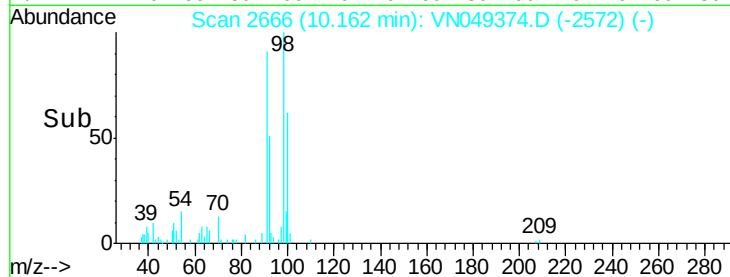
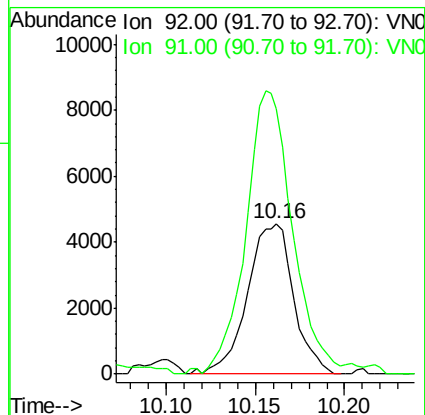
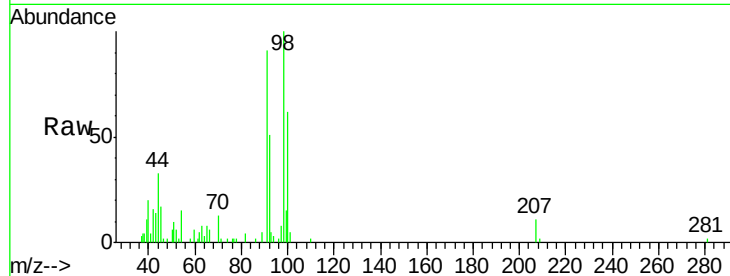
ClientSampleId :

Tot Ion: 92 Resp: 8241

Ion Ratio Lower Upper

92 100

91 191.2 143.4 215.2



#62

4-Bromofluorobenzene

Concen: 36.47 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

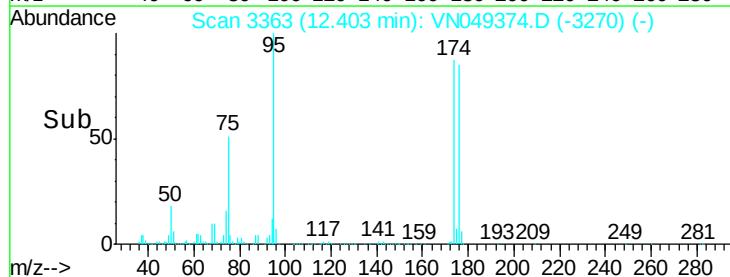
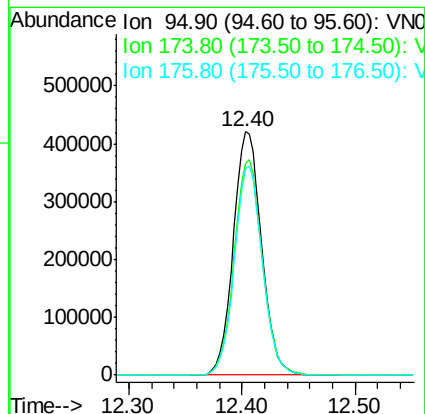
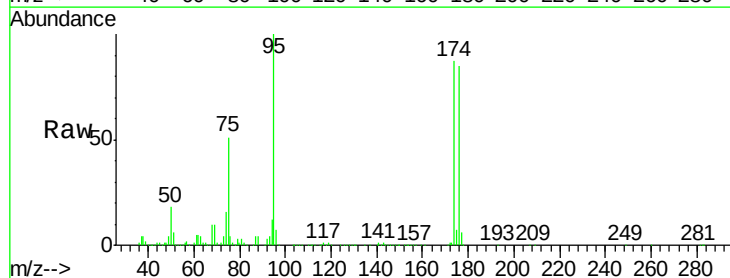
Tgt Ion: 95 Resp: 729797

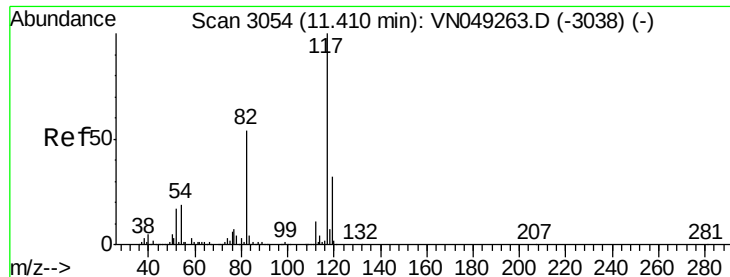
Ion Ratio Lower Upper

95 100

174 88.4 0.0 165.6

176 85.3 0.0 157.4

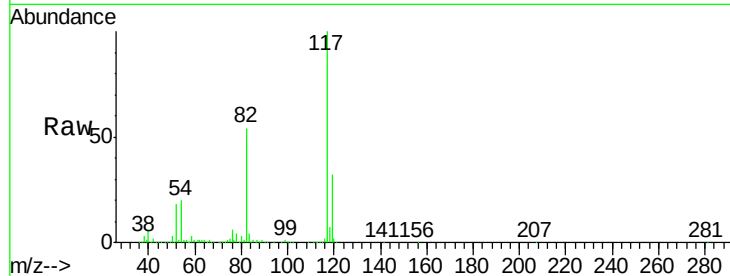




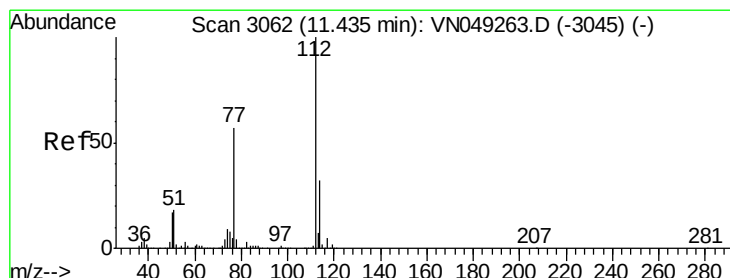
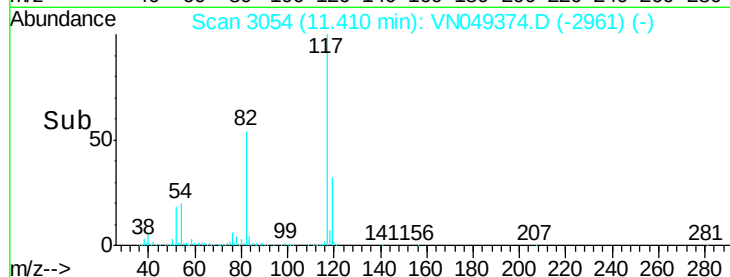
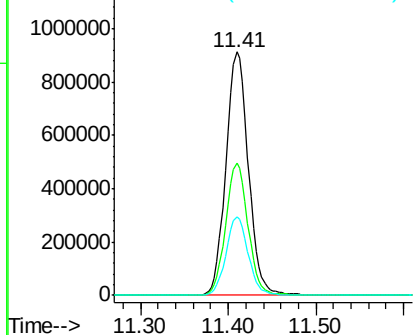
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1628243
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.1 25.5 38.3

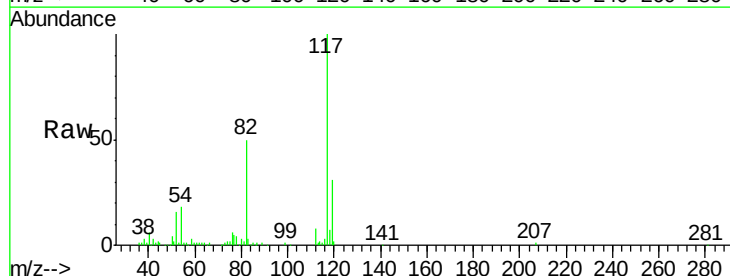


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

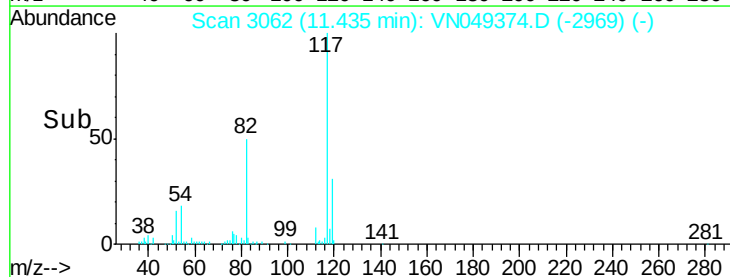
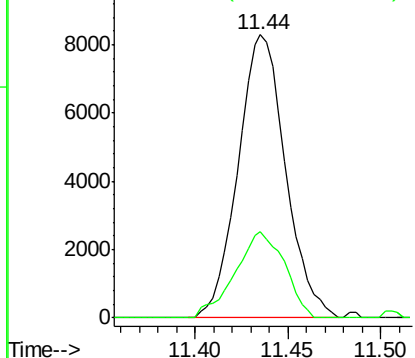


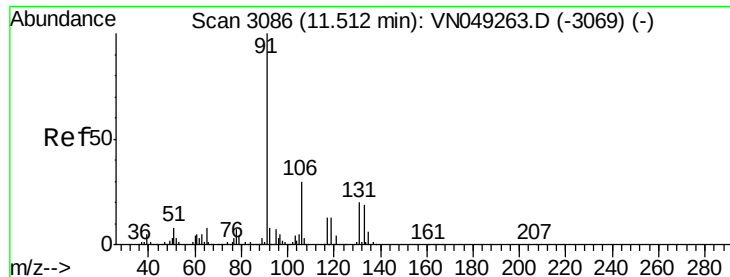
#65
Chlorobenzene
Concen: 0.35 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Tgt Ion:112 Resp: 14727
Ion Ratio Lower Upper
112 100
114 30.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.96 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

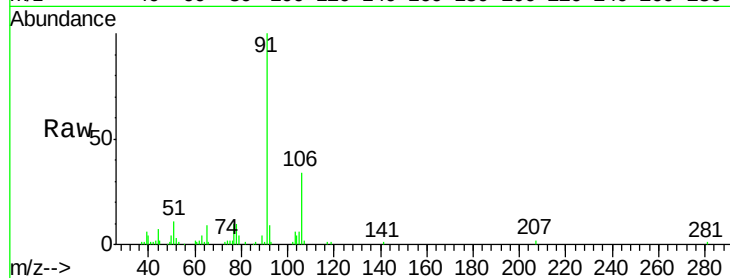
ClientSampleId :

Tot Ion: 91 Resp: 66736

Ion Ratio Lower Upper

91 100

106 33.9 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3069) (-)

Ion 106.00 (105.70 to 106.70): VN049263.D (-3069) (-)

11.51

40000

30000

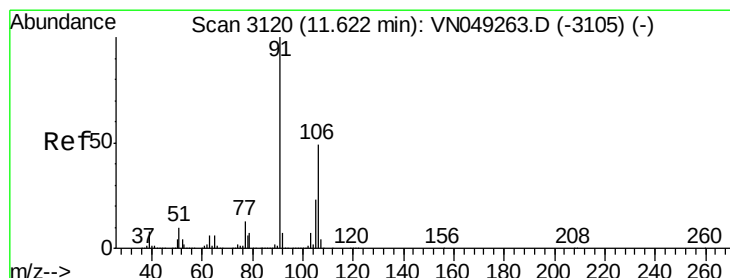
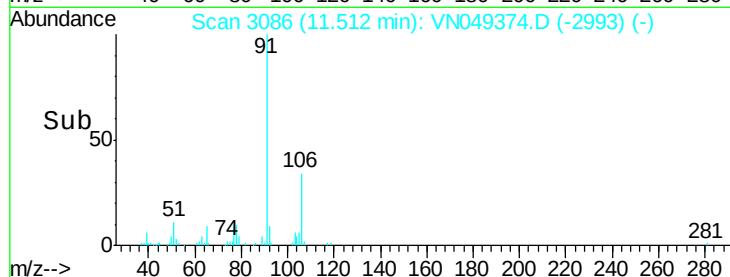
20000

10000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 3.04 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN049374.D

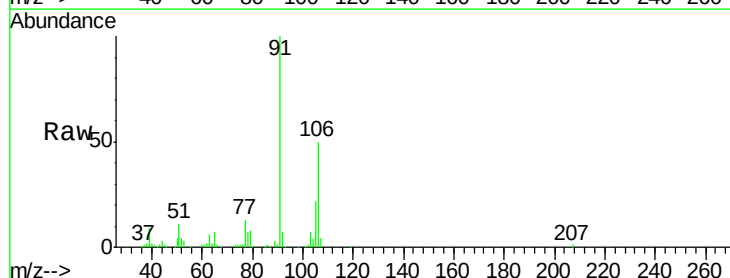
Acq: 19 Jun 2018 5:24

Tgt Ion: 106 Resp: 79293

Ion Ratio Lower Upper

106 100

91 198.5 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049263.D (-3105) (-)

Ion 91.00 (90.70 to 91.70): VN049263.D (-3105) (-)

11.62

80000

60000

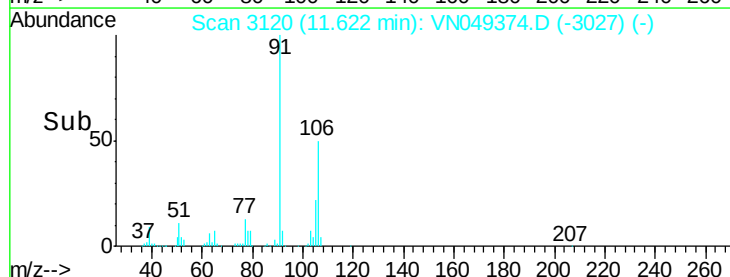
40000

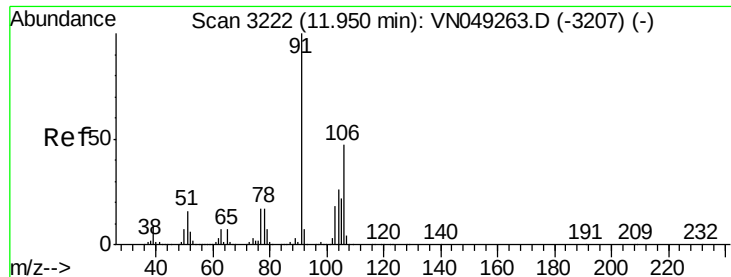
20000

0

11.60 11.62 11.64

Time-->





#69

o-Xylene

Concen: 0.99 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

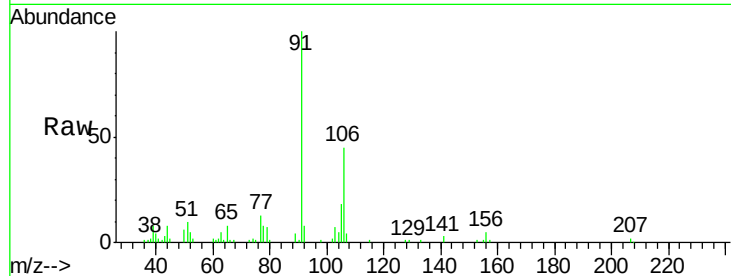
ClientSampled :

Tot Ion:106 Resp: 24924

Ion Ratio Lower Upper

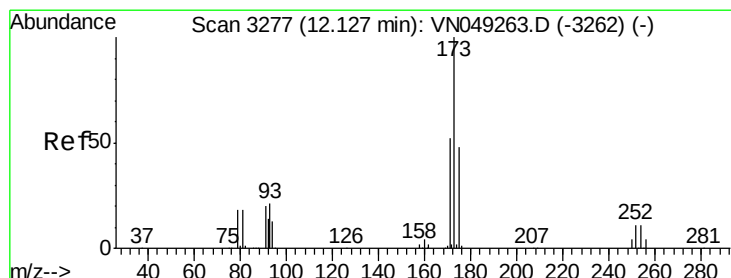
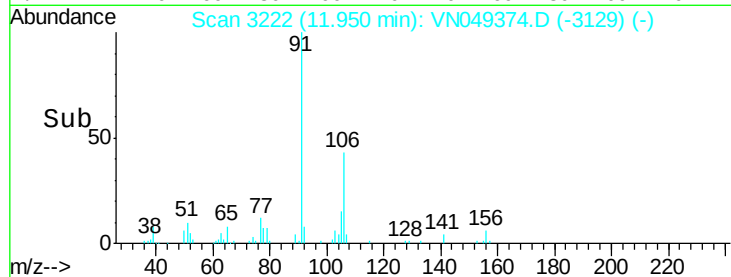
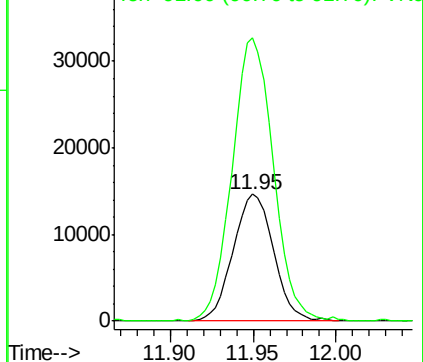
106 100

91 227.3 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 0.49 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

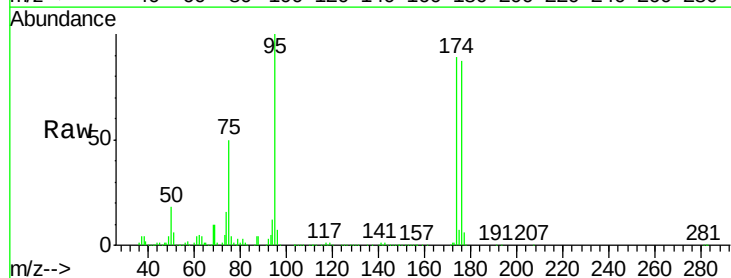
Tgt Ion:173 Resp: 5002

Ion Ratio Lower Upper

173 100

175 746.4 24.5 73.5#

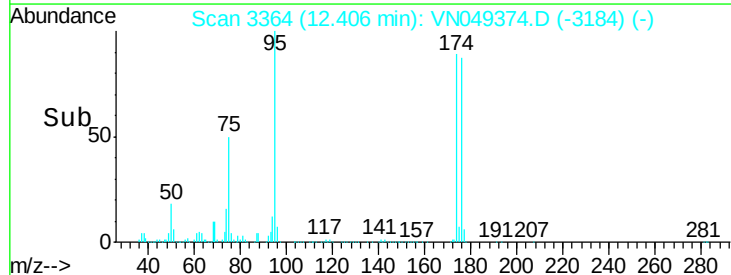
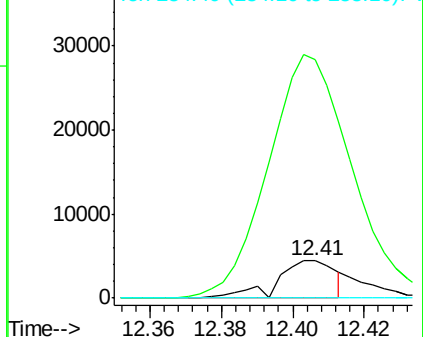
254 0.0 0.1 0.1#

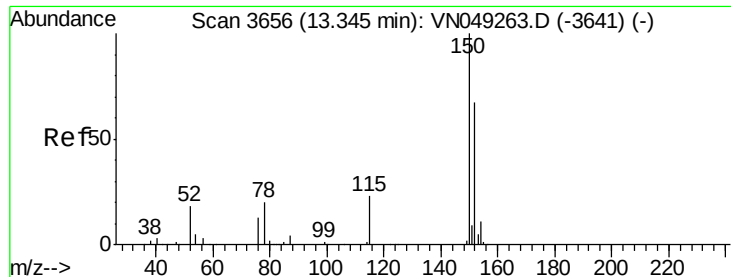


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3657

Delta R.T. 0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

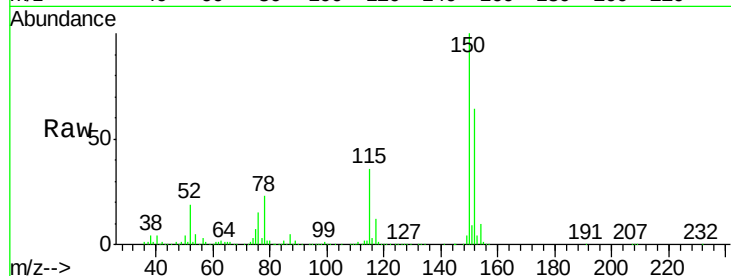
Tot Ion:152 Resp: 545042

Ion Ratio Lower Upper

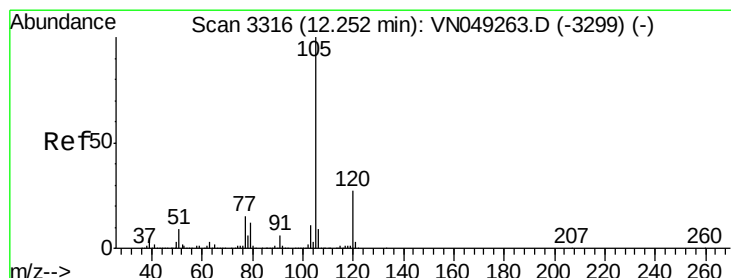
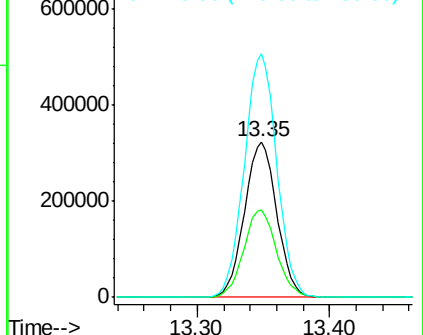
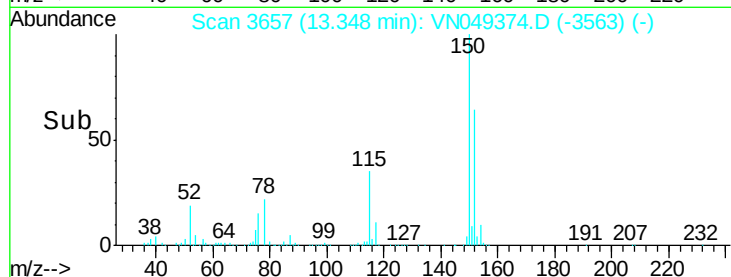
152 100

115 57.2 28.7 86.1

150 157.5 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



#73

Isopropylbenzene

Concen: 0.22 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN049374.D

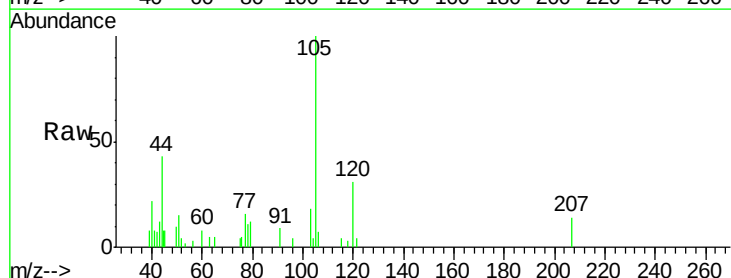
Acq: 19 Jun 2018 5:24

Tgt Ion:105 Resp: 10376

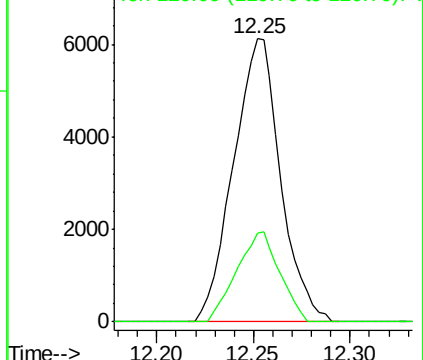
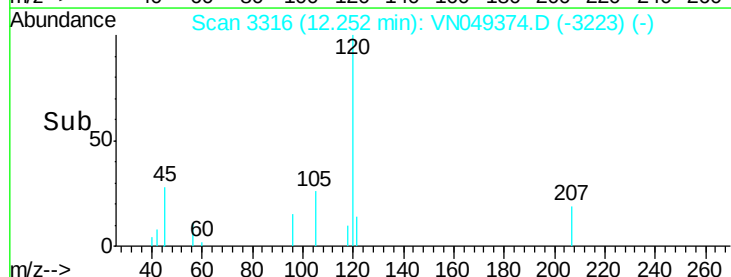
Ion Ratio Lower Upper

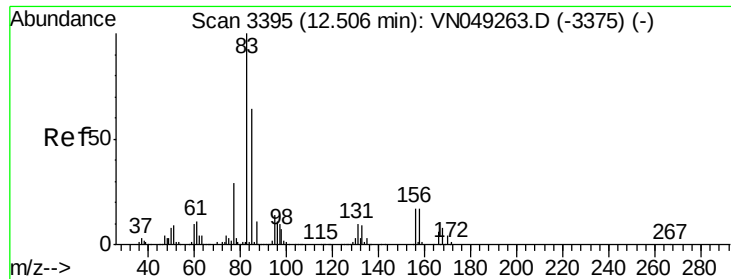
105 100

120 28.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3385

Delta R.T. -0.03 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

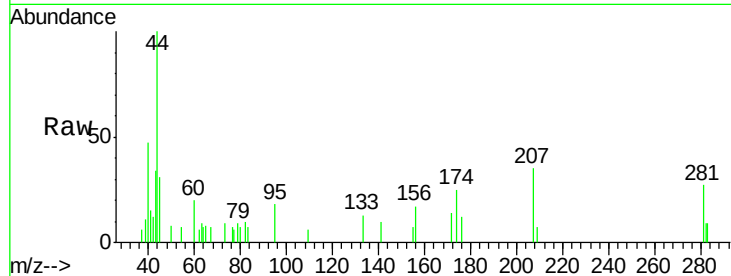
Tot Ion: 83 Resp: 73

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

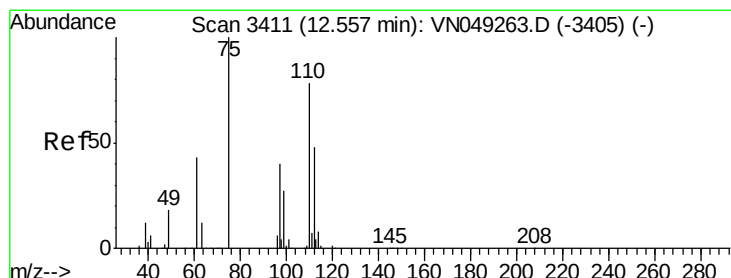
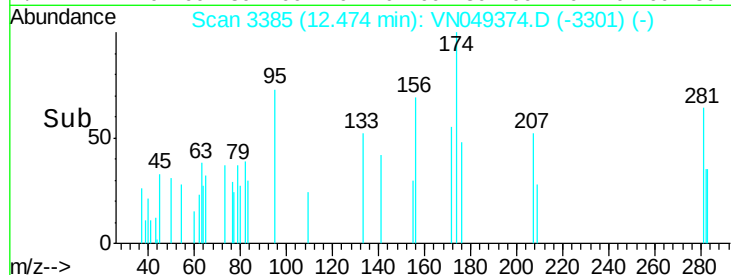
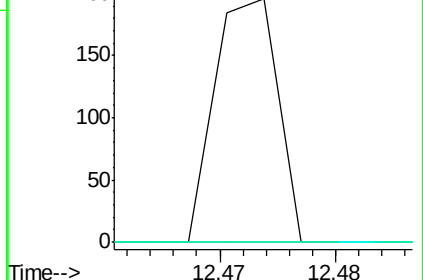
85 0.0 32.0 96.0#



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: 38.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049374.D

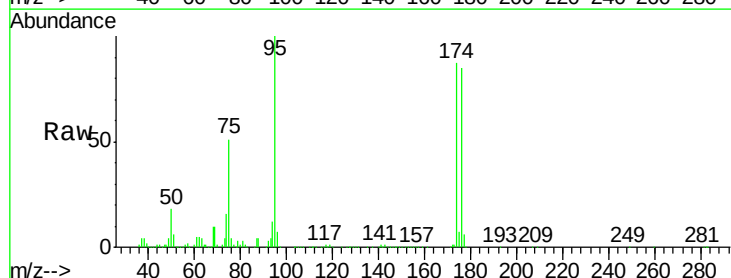
Acq: 19 Jun 2018 5:24

Tgt Ion: 75 Resp: 359179

Ion Ratio Lower Upper

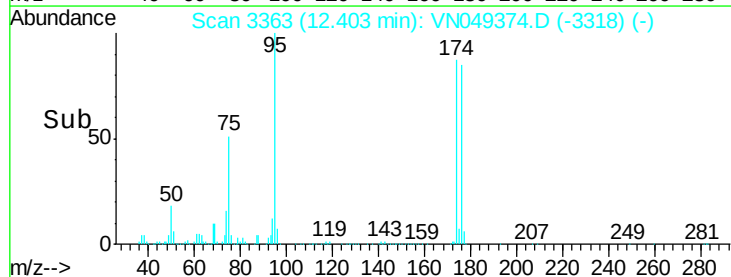
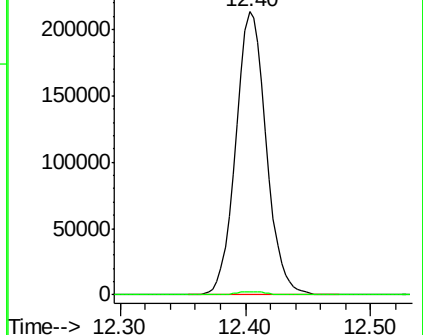
75 100

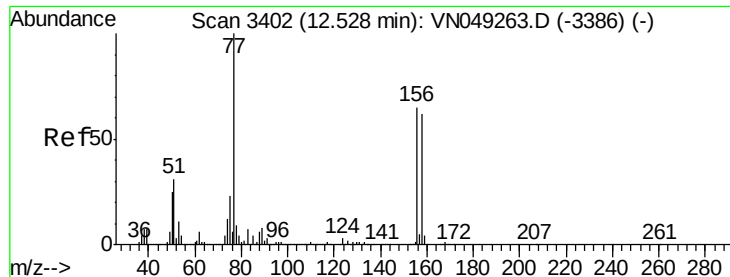
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 0.71 ug/l

RT: 12.55 min Scan# 3409

Delta R.T. 0.02 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

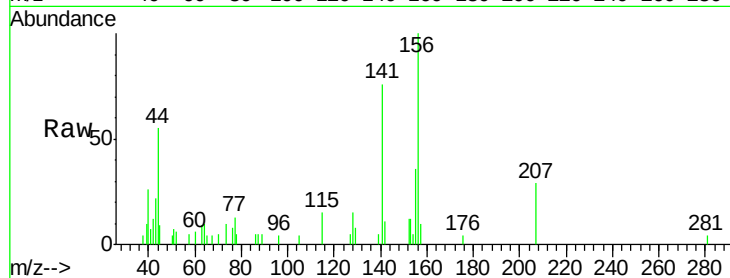
Tot Ion:156 Resp: 9029

Ion Ratio Lower Upper

156 100

77 0.0 100.8 302.4#

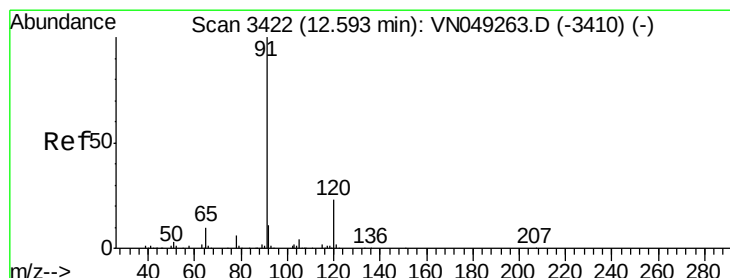
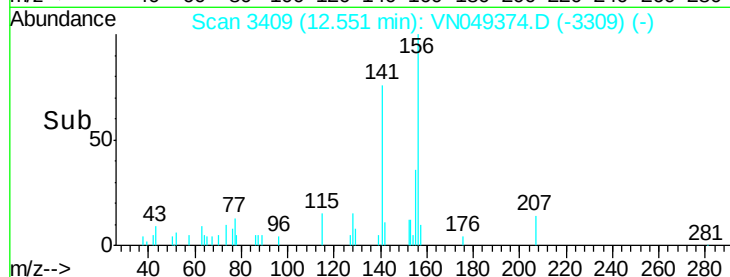
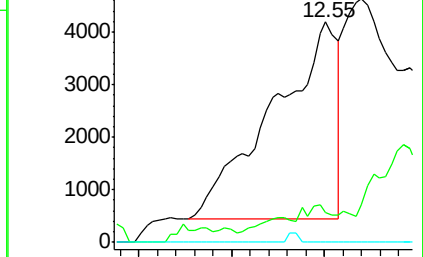
158 0.8 49.3 147.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.81 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN049374.D

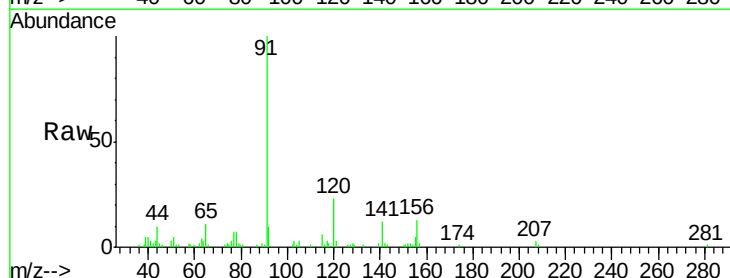
Acq: 19 Jun 2018 5:24

Tgt Ion: 91 Resp: 42418

Ion Ratio Lower Upper

91 100

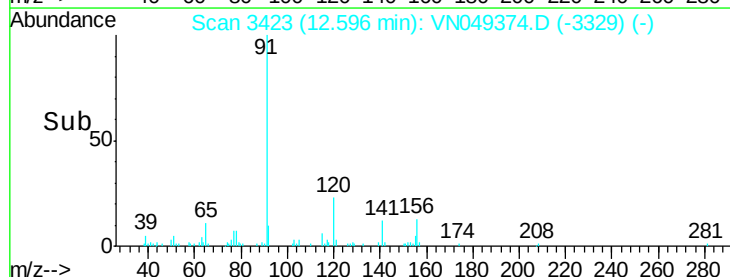
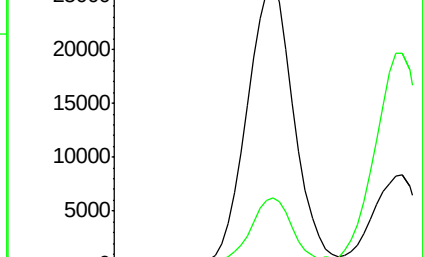
120 22.5 11.2 33.5

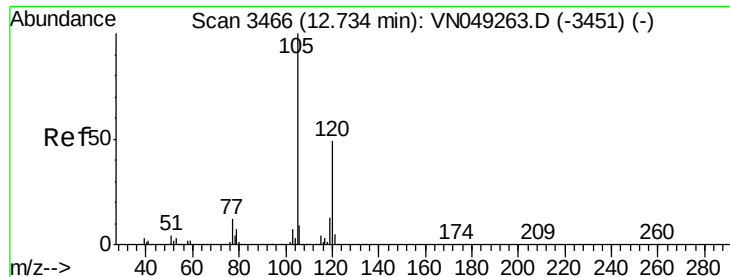


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.90 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

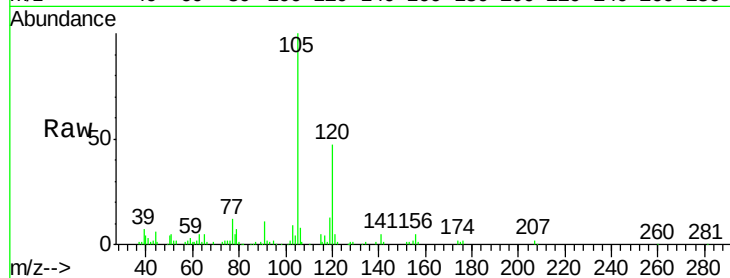
ClientSampleId :

Tot Ion:105 Resp: 71520

Ion Ratio Lower Upper

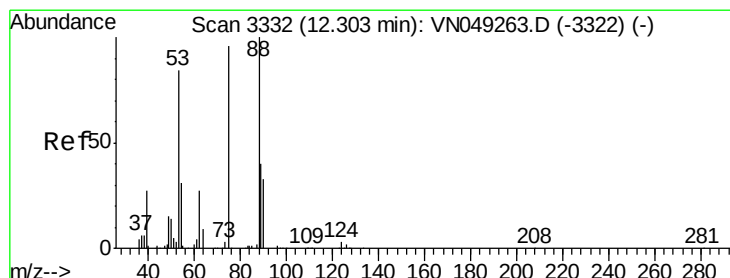
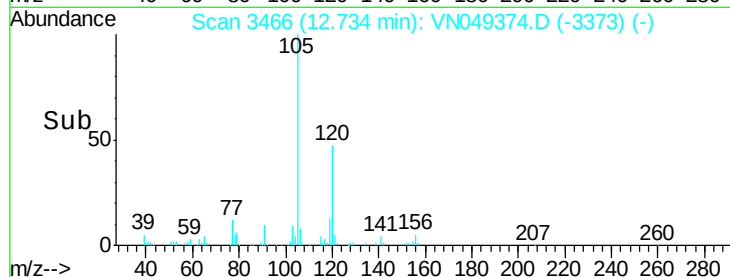
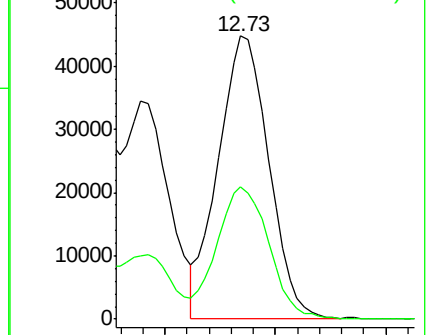
105 100

120 47.7 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 122.07 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

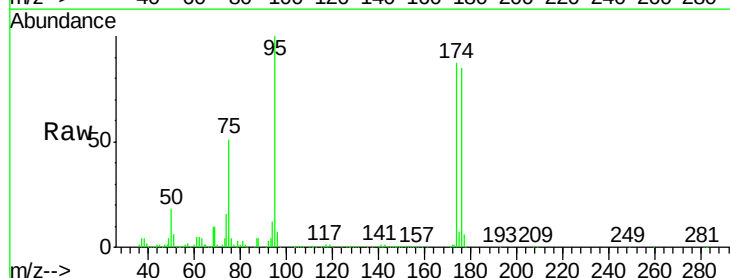
Tgt Ion: 75 Resp: 359179

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

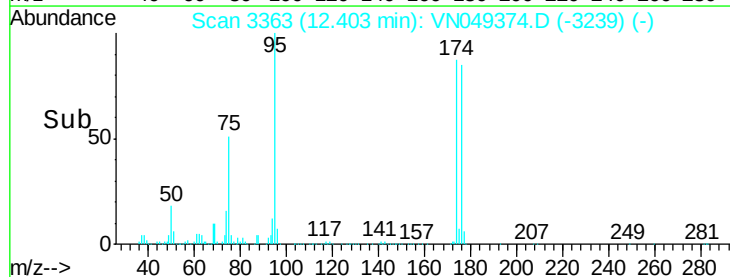
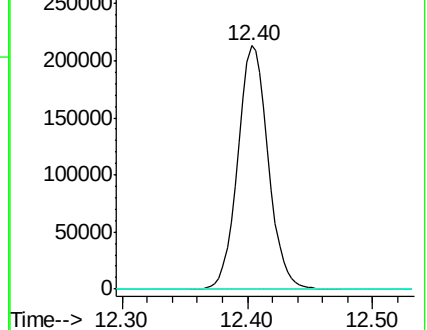
89 0.0 36.5 54.7#

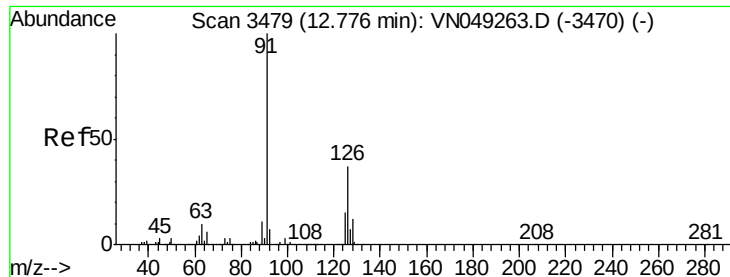


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.23 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

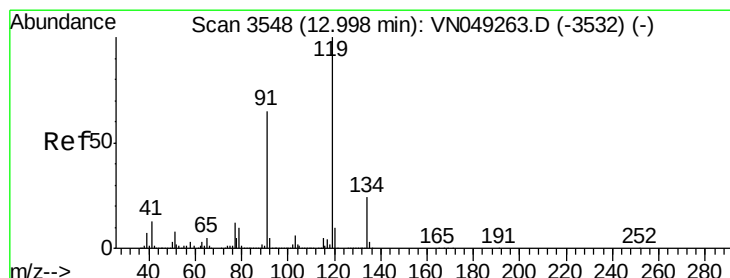
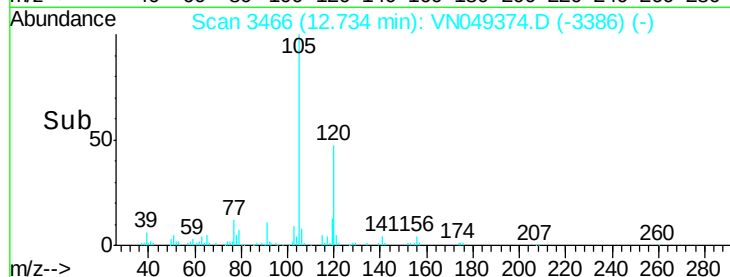
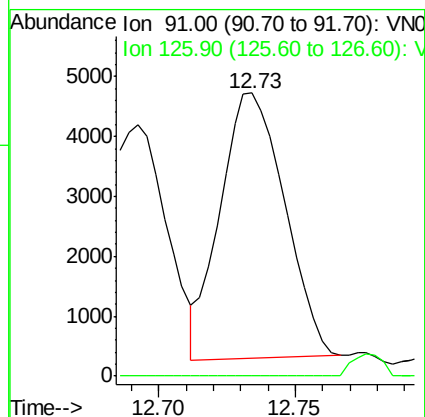
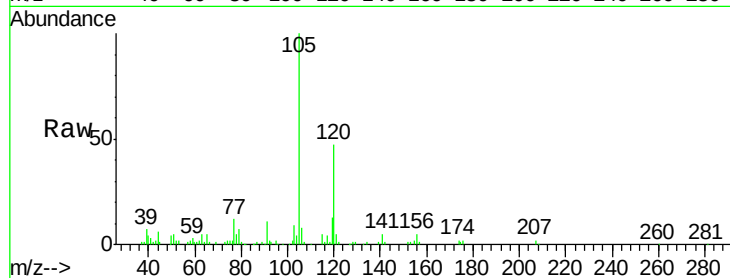
ClientSampled :

Tot Ion: 91 Resp: 7292

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#



#83

tert-Butylbenzene

Concen: 0.92 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.04 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

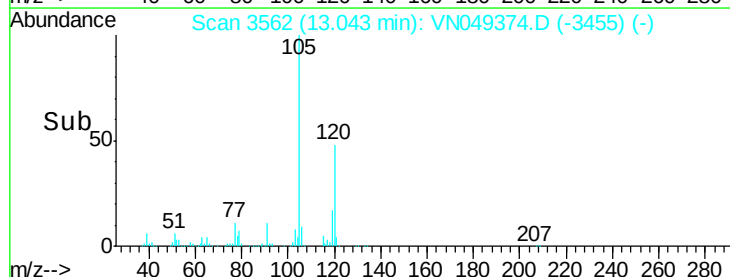
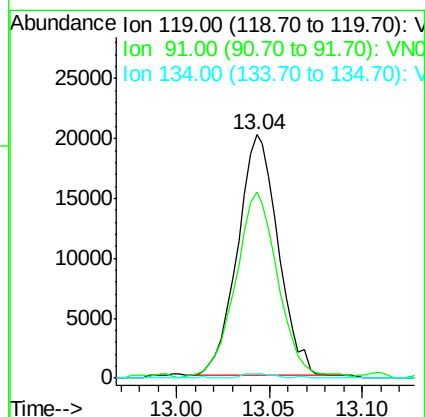
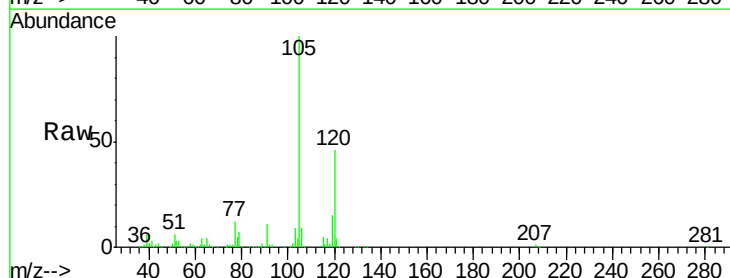
Tgt Ion: 119 Resp: 30585

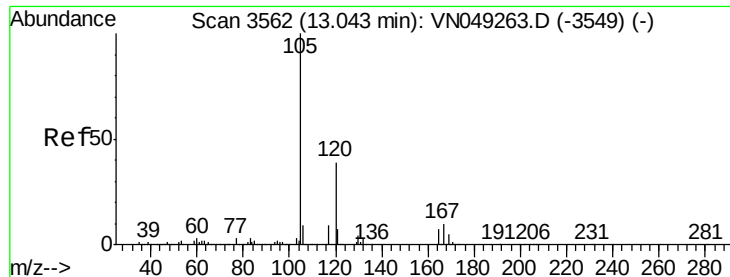
Ion Ratio Lower Upper

119 100

91 81.2 33.7 101.0

134 1.4 12.9 38.6#





#84

1,2,4-Trimethylbenzene

Concen: 5.71 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

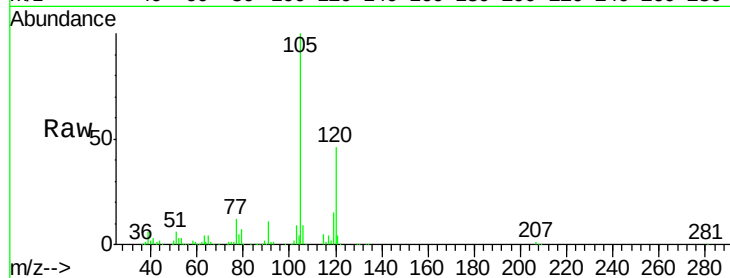
ClientSampleId :

Tot Ion:105 Resp: 213199

Ion Ratio Lower Upper

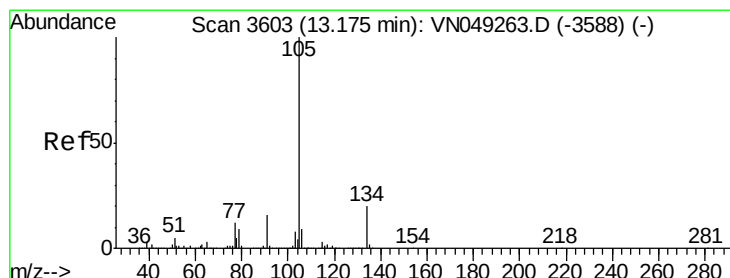
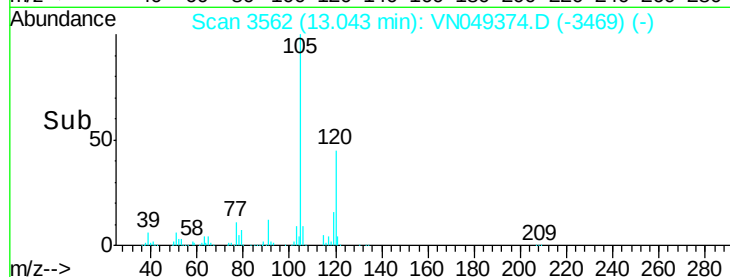
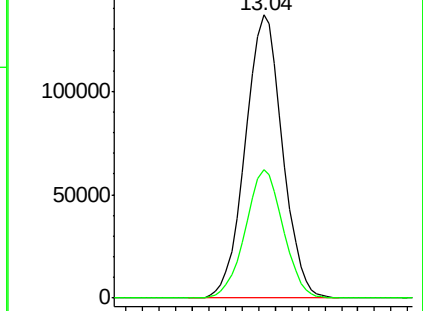
105 100

120 46.1 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: 4.81 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.13 min

Lab File: VN049374.D

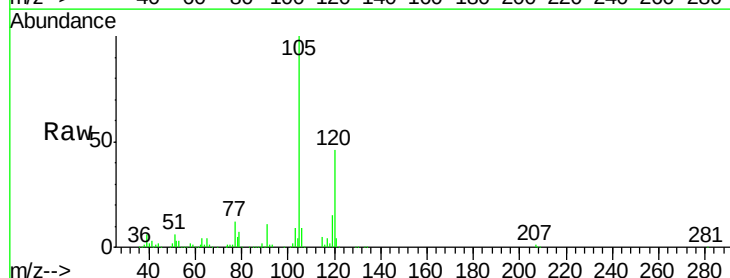
Acq: 19 Jun 2018 5:24

Tgt Ion:105 Resp: 213199

Ion Ratio Lower Upper

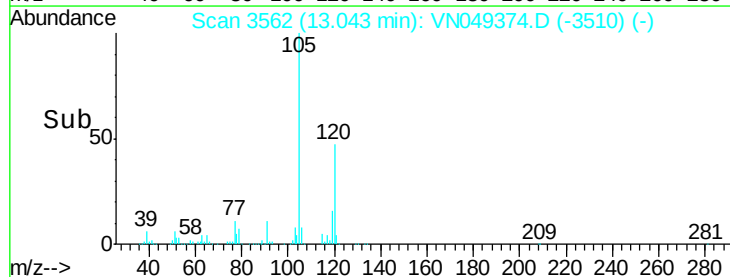
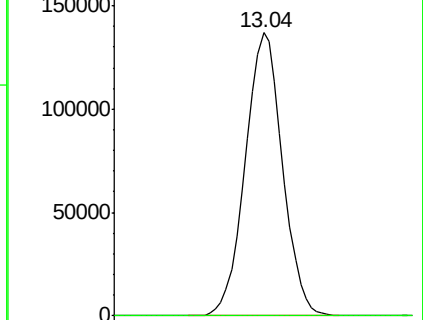
105 100

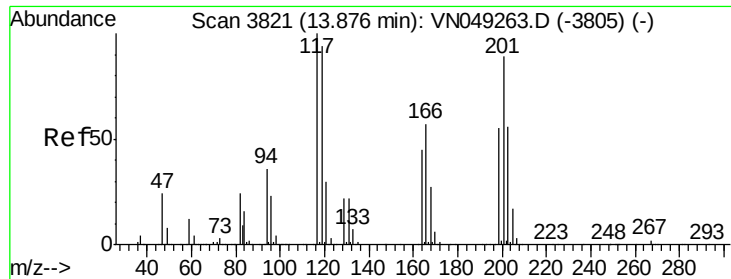
134 0.2 9.8 29.3#



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# 3826

Delta R.T. 0.02 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

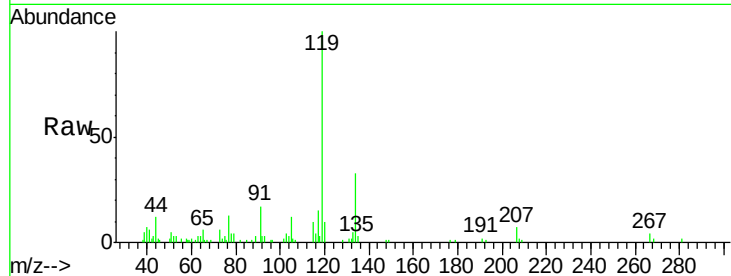
ClientSampled :

Tot Ion:117 Resp: 4516

Ion Ratio Lower Upper

117 100

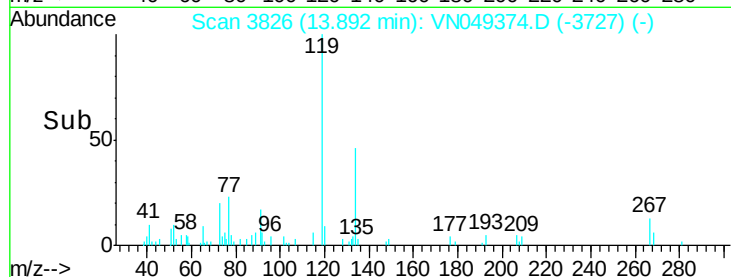
201 0.0 40.1 120.2#



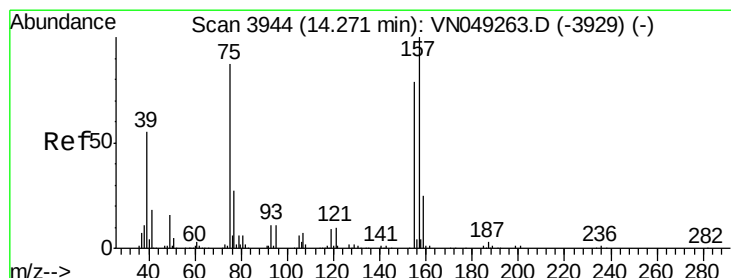
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

Time-->



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.33 ug/l

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

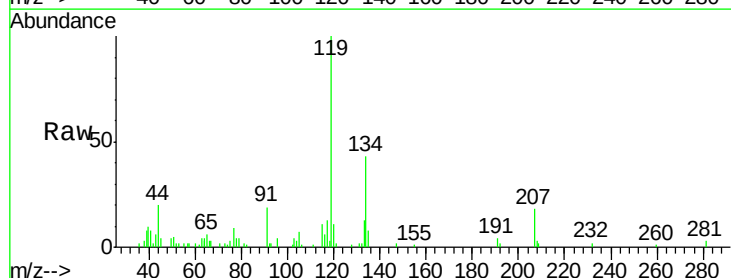
Tgt Ion: 75 Resp: 553

Ion Ratio Lower Upper

75 100

155 19.2 38.8 116.3#

157 0.0 51.0 153.1#

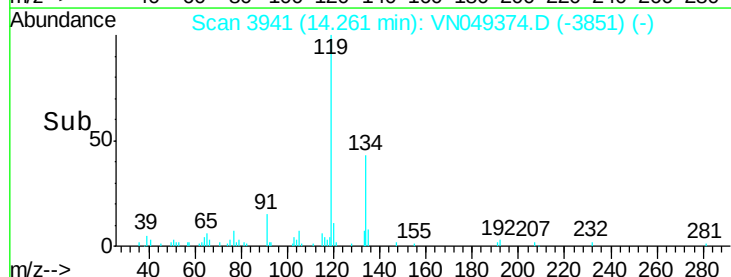


Abundance Ion 74.90 (74.60 to 75.60): V

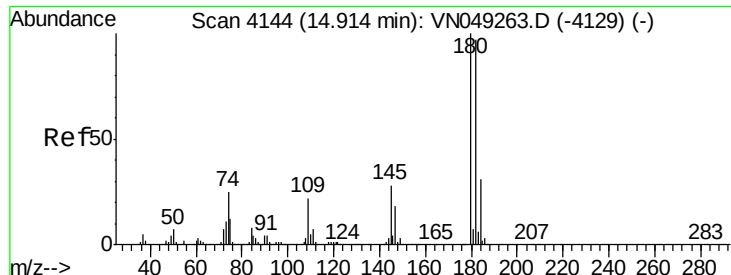
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

Time-->



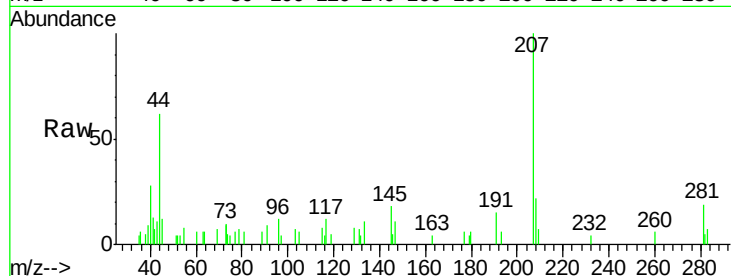
Time-->



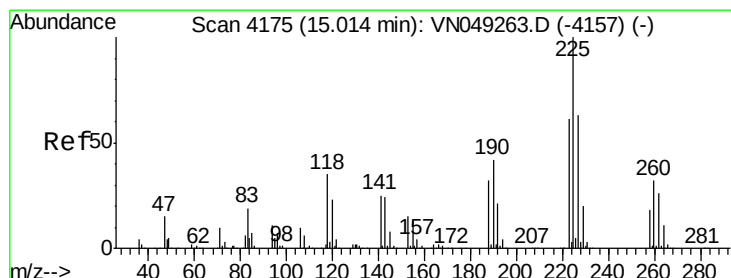
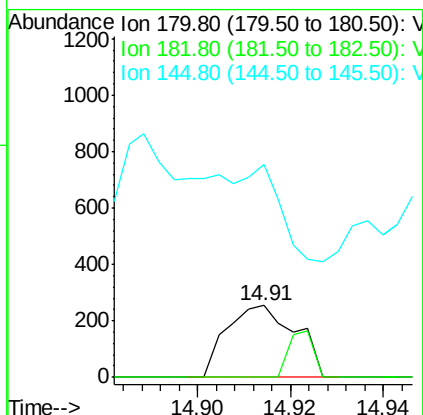
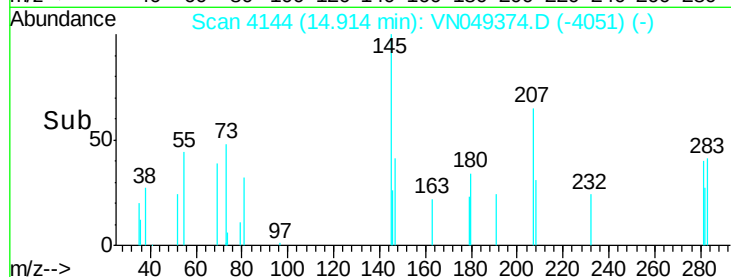
#93
 1,2,4-Trichlorobenzene
 Concen: 4.77 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049374.D
 Acq: 19 Jun 2018 5:24

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 264
 Ion Ratio Lower Upper
 180 100
 182 23.1 46.9 140.8#
 145 0.0 14.7 44.1#

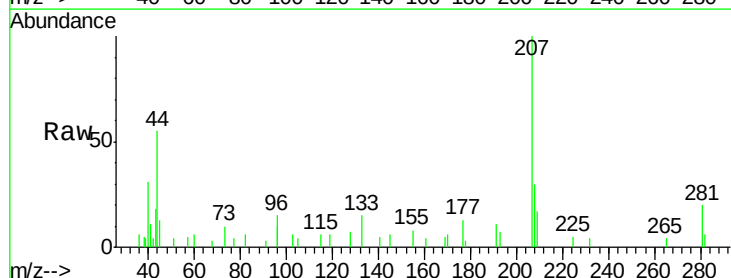


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

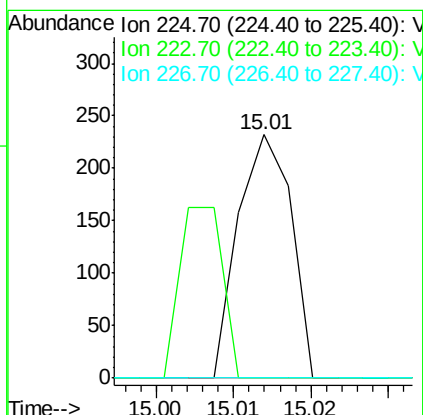
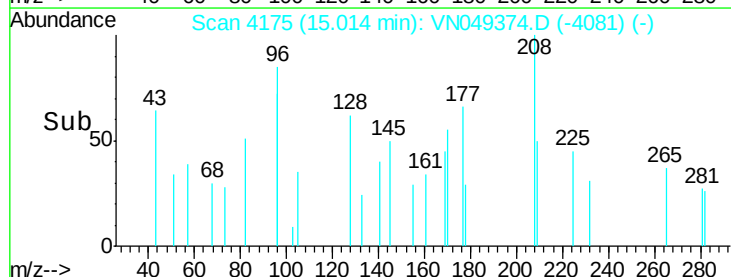


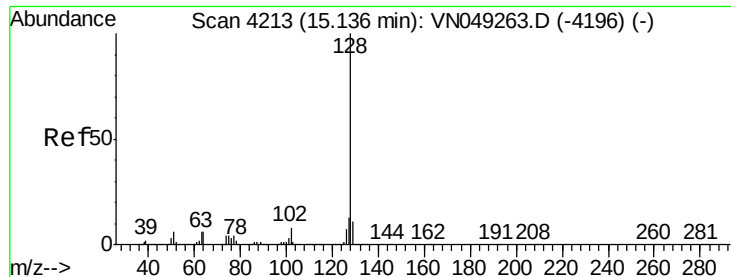
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049374.D
 Acq: 19 Jun 2018 5:24

Tgt Ion:225 Resp: 111
 Ion Ratio Lower Upper
 225 100
 223 56.8 32.1 96.3
 227 0.0 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

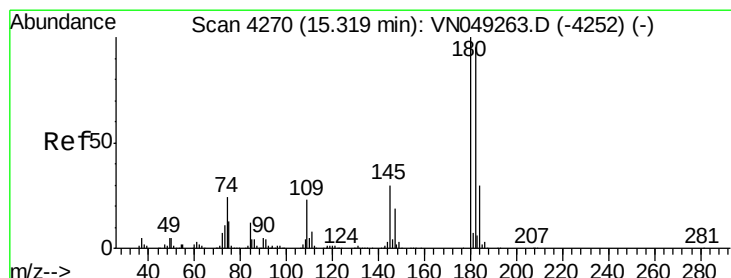
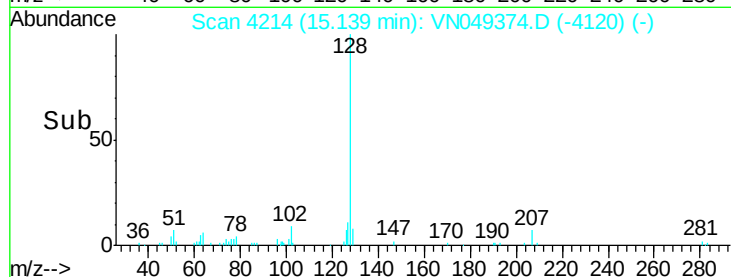
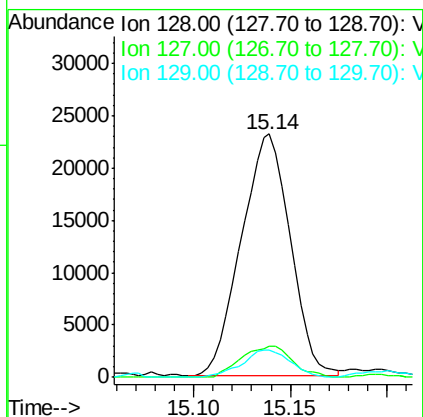
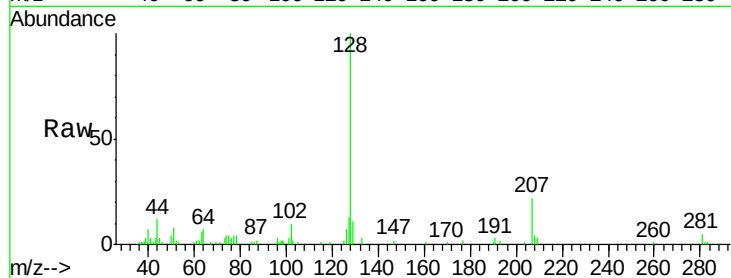




#95
Naphthalene
Concen: 4.75 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 40603
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.2 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.47 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. -0.01 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Tgt Ion:180 Resp: 110
Ion Ratio Lower Upper
180 100
182 58.2 47.3 141.8
145 872.7 15.6 46.7#

