

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049330.D
 Acq On : 17 Jun 2018 00:12
 Operator : MD\SY
 Sample : J3435-05 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 03:25:16 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	1390075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2062421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1730218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	682766	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	825888	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	
35) Dibromofluoromethane	7.59	113	757583	45.40	ug/l	0.00
Spiked Amount			Recovery	=	90.80%	
50) Toluene-d8	10.09	98	2864083	45.08	ug/l	0.00
Spiked Amount			Recovery	=	90.16%	
62) 4-Bromofluorobenzene	12.40	95	875711	41.69	ug/l	0.00
Spiked Amount			Recovery	=	83.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	2689	0.23	ug/l #	80
13) Acrolein	3.56	56	26803	23.62	ug/l #	1
14) Allyl chloride	4.42	41	39304	1.56	ug/l #	42
16) Acetone	3.81	43	25367	5.67	ug/l #	70
18) Methyl Acetate	4.33	43	29430	2.16	ug/l #	87
25) 2-Butanone	6.84	43	1712	0.28	ug/l #	50
31) Cyclohexane	7.66	56	262313	9.48	ug/l #	84
36) 1,1-Dichloropropene	7.67	75	93793	3.97	ug/l #	57
38) Carbon Tetrachloride	7.67	117	125955	5.15	ug/l #	16
39) Methylcyclohexane	9.08	83	72307	2.85	ug/l	99
40) Benzene	8.04	78	102777	1.42	ug/l	99
43) Isopropyl Acetate	8.14	43	8332	0.34	ug/l #	64
48) Methyl methacrylate	9.27	41	5214	0.45	ug/l #	51
49) 1,4-Dioxane	9.21	88	185	1.16	ug/l #	73
52) Toluene	10.16	92	1900775	44.69	ug/l	97
53) t-1,3-Dichloropropene	10.16	75	21098	0.91	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.76	63	60	14.33	ug/l #	51
67) Ethyl Benzene	11.51	91	4444606	60.12	ug/l	98
68) m/p-Xylenes	11.62	106	5792865	208.79	ug/l	97
69) o-Xylene	11.95	106	1700232	63.62	ug/l	97
70) Styrene	11.95	104	91526	2.17	ug/l #	1
73) Isopropylbenzene	12.25	105	130425	2.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.52	83	120	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	421668	36.20	ug/l #	100
78) n-propylbenzene	12.59	91	343955	5.23	ug/l	99
79) 2-Chlorotoluene	12.66	91	163943	3.93	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	597163	12.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	421668	114.40	ug/l #	8
82) 4-Chlorotoluene	12.73	91	59543	1.48	ug/l #	42
83) tert-Butylbenzene	13.04	119	282207	6.76	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.04	105	2283571	48.79	ug/l	98
85) sec-Butylbenzene	13.04	105	2283571	41.10	ug/l #	57
86) p-Isopropyltoluene	13.24	119	23760	0.51	ug/l #	76
90) Hexachloroethane	13.89	117	10131	Below	Cal #	9

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

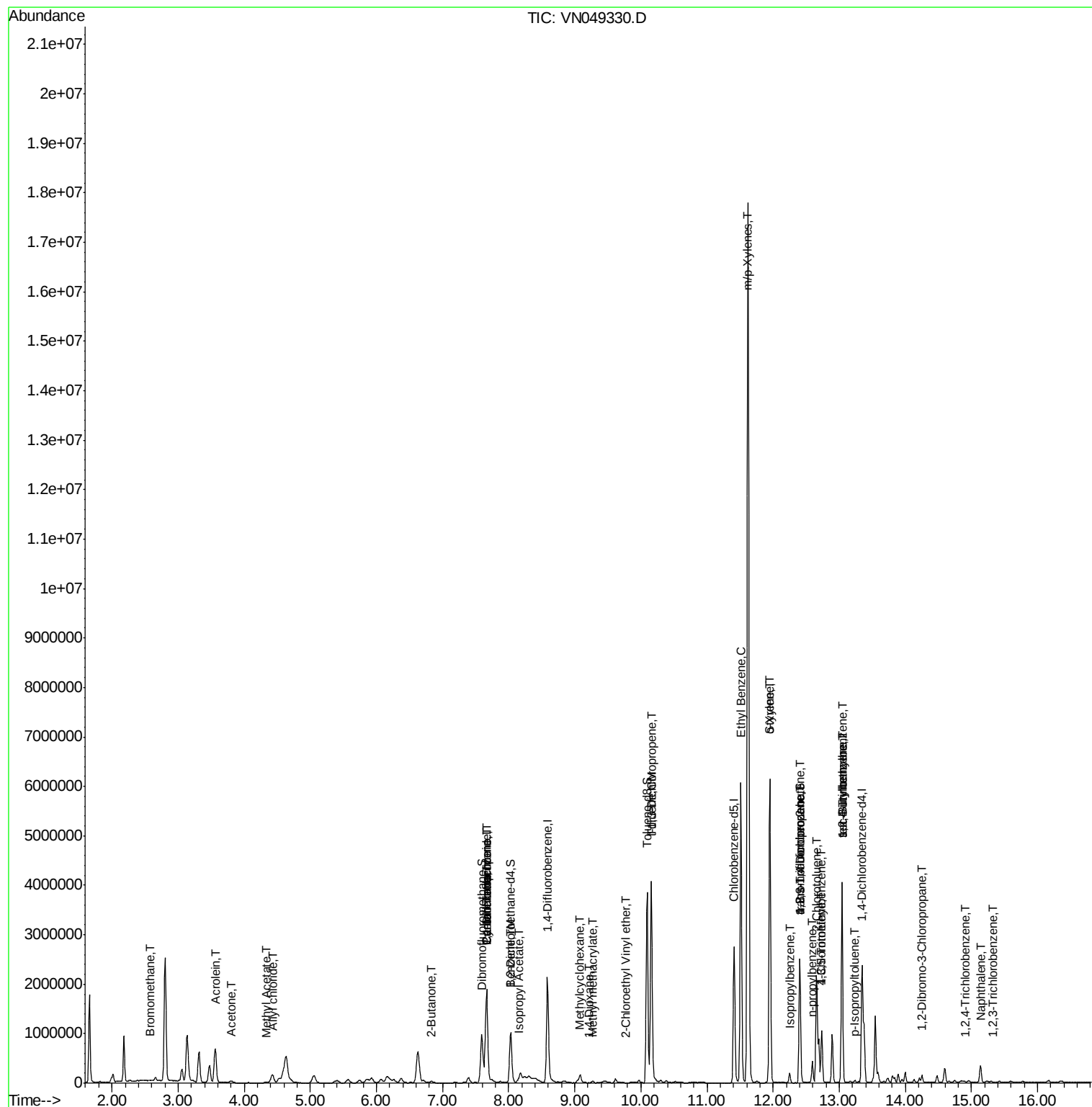
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.26	75	593	0.28	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	216	4.76	ug/l #	58
95) Naphthalene	15.14	128	300411	17.27	ug/l	99
96) 1,2,3-Trichlorobenzene	15.33	180	100	3.47	ug/l #	1

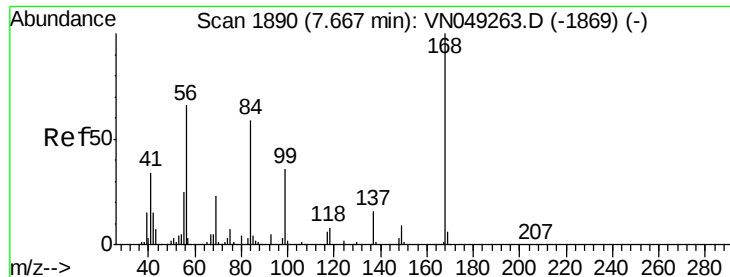
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

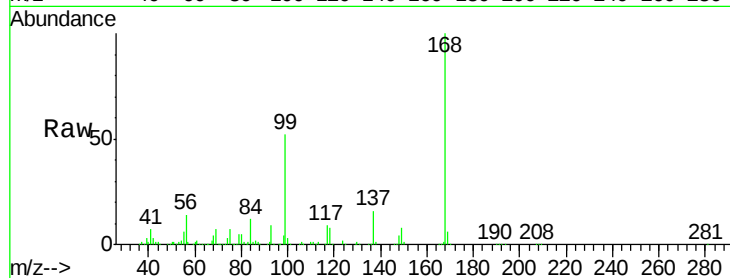
ClientSampleId :

Tot Ion:168 Resp: 1390075

Ion Ratio Lower Upper

168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

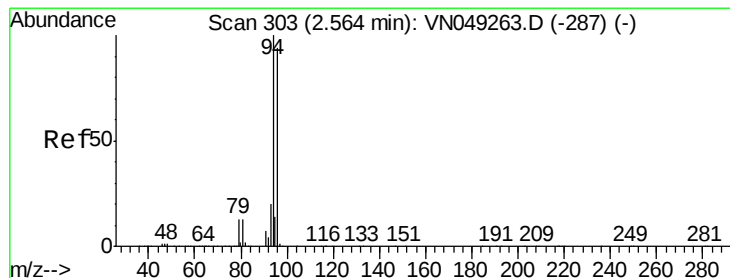
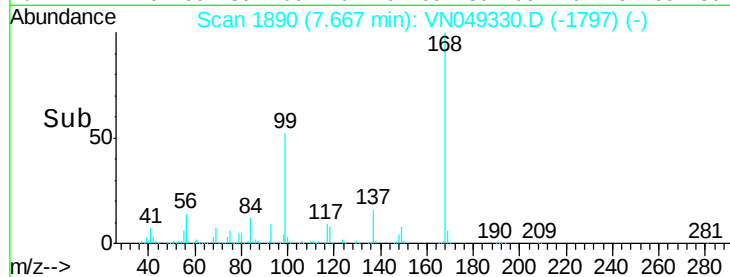
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: 0.23 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049330.D

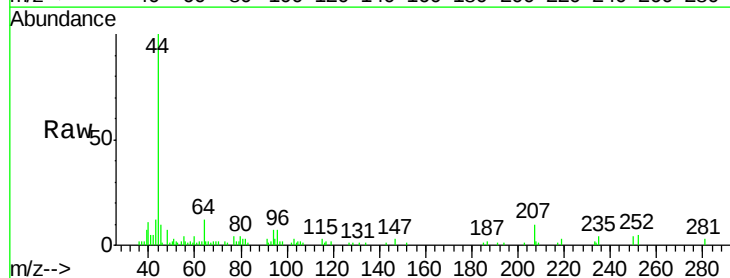
Acq: 17 Jun 2018 00:12

Tgt Ion: 94 Resp: 2689

Ion Ratio Lower Upper

94 100

96 72.4 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

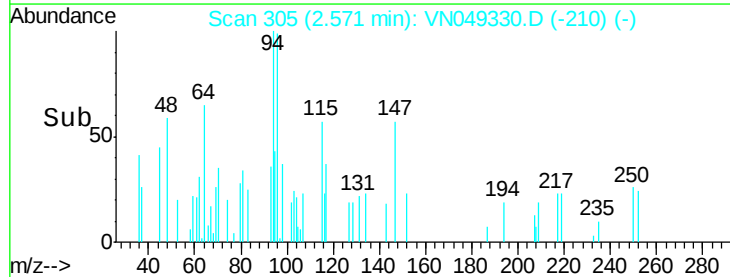
1000

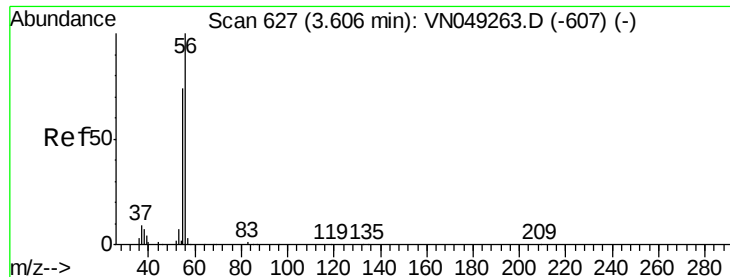
500

0

2.55 2.60

Time-->





#13

Acrolein

Concen: 23.62 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.05 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

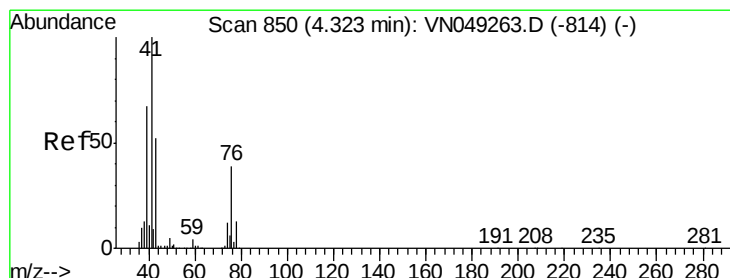
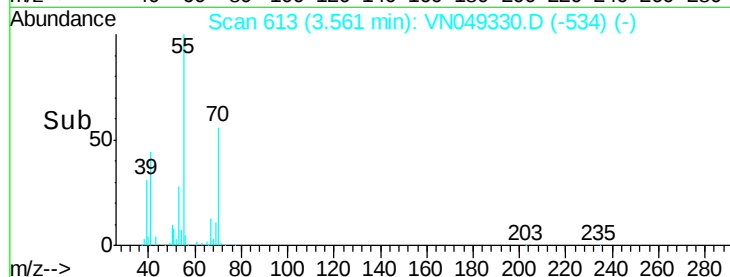
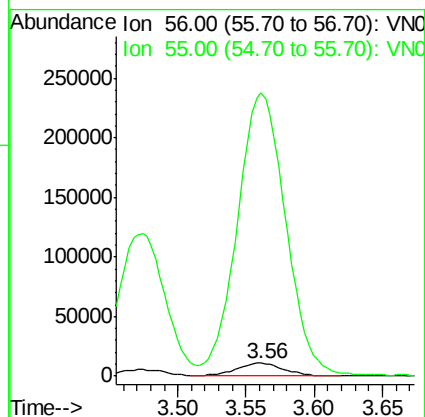
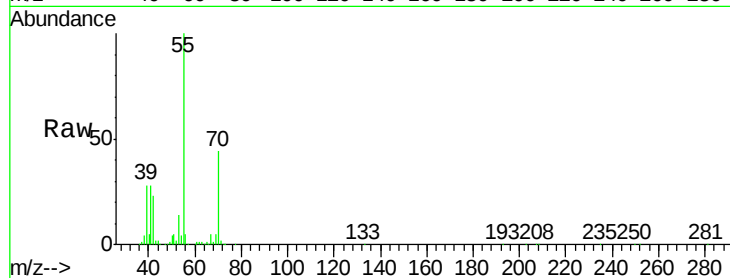
ClientSampleId :

Tot Ion: 56 Resp: 26803

Ion Ratio Lower Upper

56 100

55 2161.2 57.1 85.7#



#14

Allyl chloride

Concen: 1.56 ug/l

RT: 4.42 min Scan# 880

Delta R.T. 0.10 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

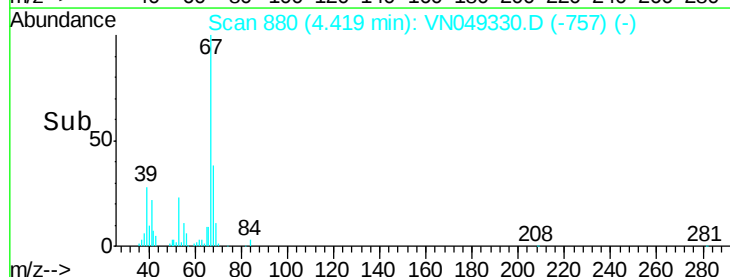
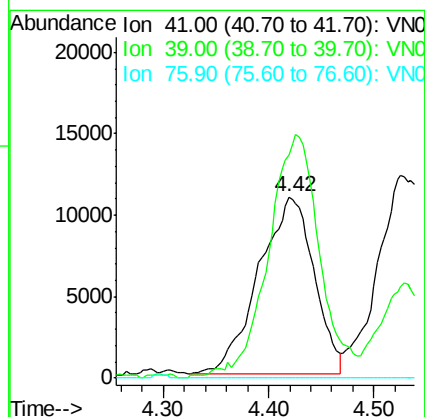
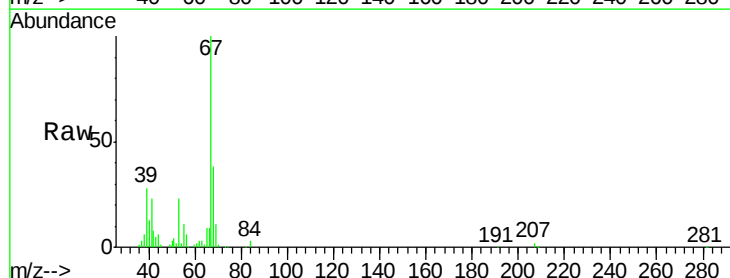
Tgt Ion: 41 Resp: 39304

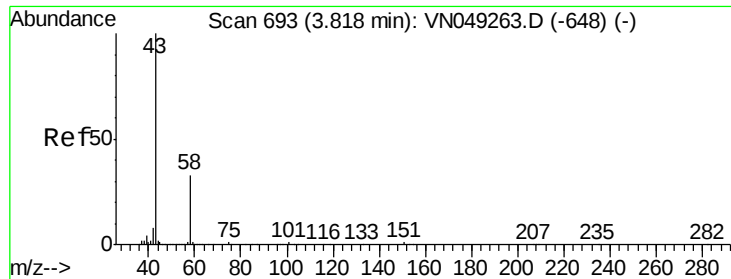
Ion Ratio Lower Upper

41 100

39 128.2 62.5 93.7#

76 0.0 27.1 40.7#





#16

Acetone

Concen: 5.67 ug/l

RT: 3.81 min Scan# 689

Delta R.T. -0.01 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

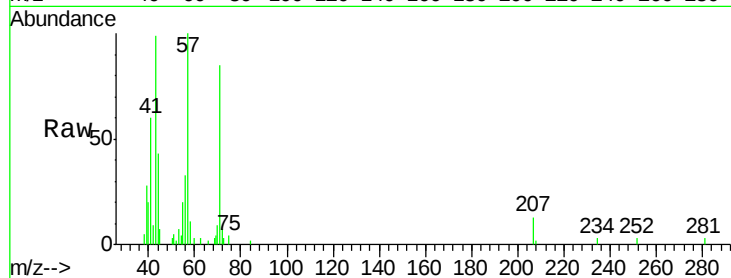
ClientSampled :

Tot Ion: 43 Resp: 25367

Ion Ratio Lower Upper

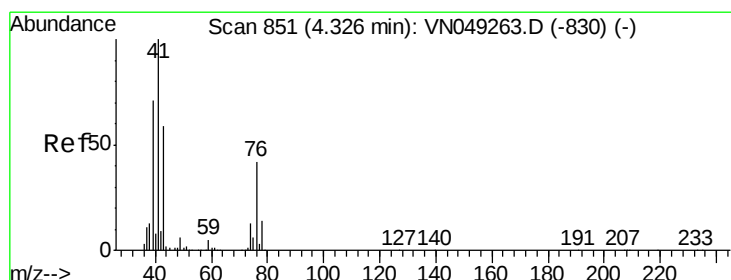
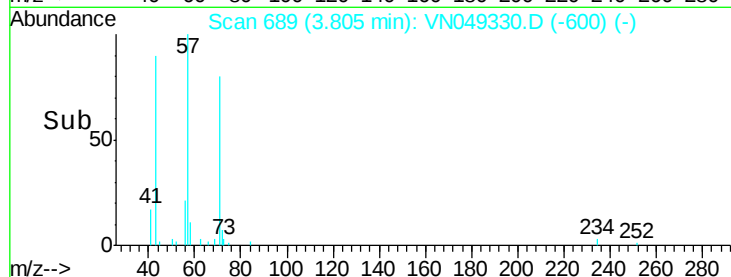
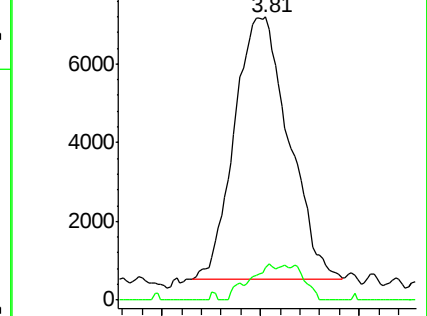
43 100

58 12.5 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.16 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049330.D

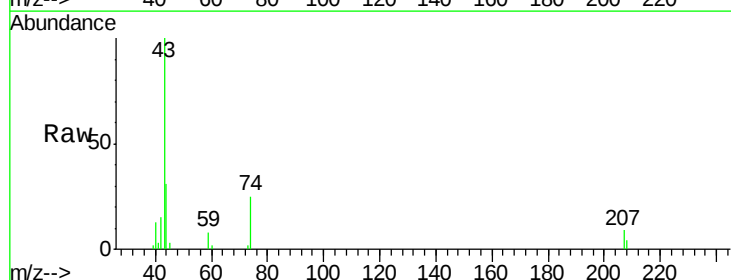
Acq: 17 Jun 2018 00:12

Tgt Ion: 43 Resp: 29430

Ion Ratio Lower Upper

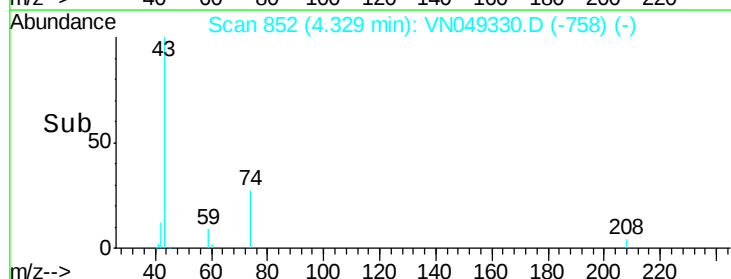
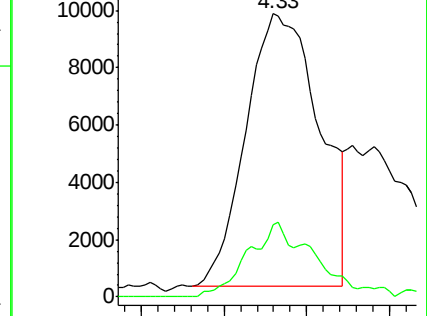
43 100

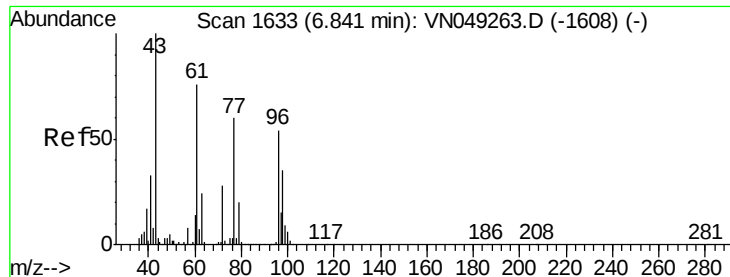
74 15.6 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#25

2-Butanone

Concen: 0.28 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

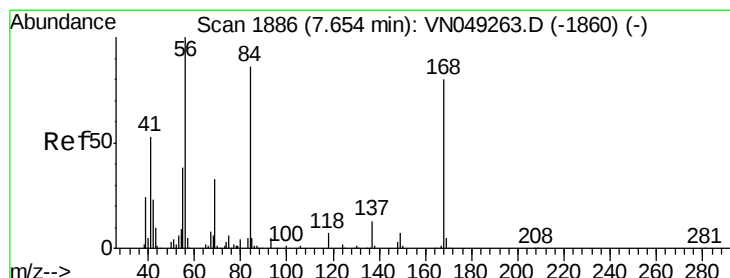
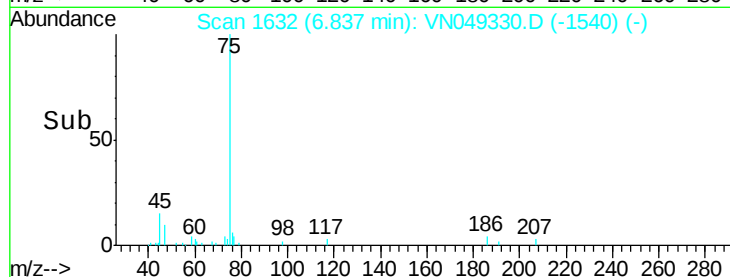
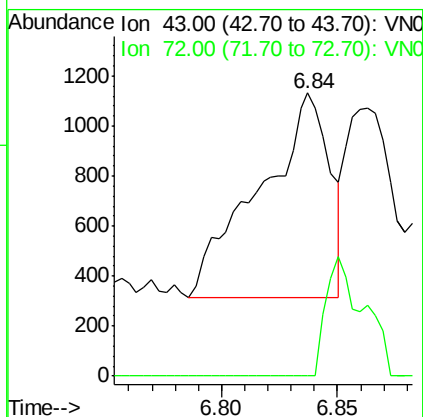
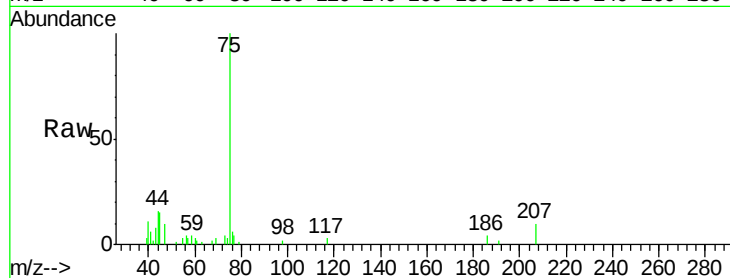
ClientSampleId :

Tot Ion: 43 Resp: 1712

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.2#



#31

Cyclohexane

Concen: 9.48 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

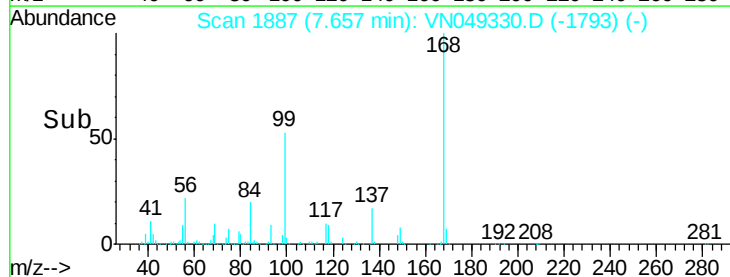
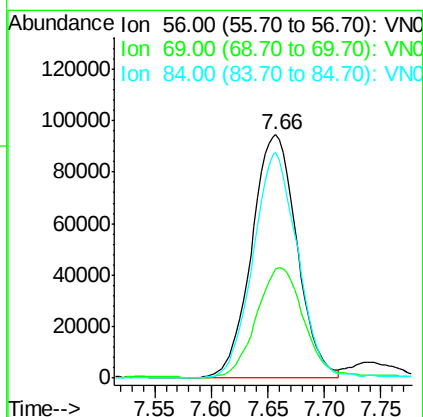
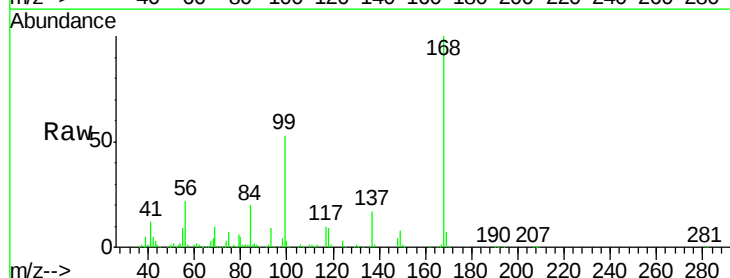
Tgt Ion: 56 Resp: 262313

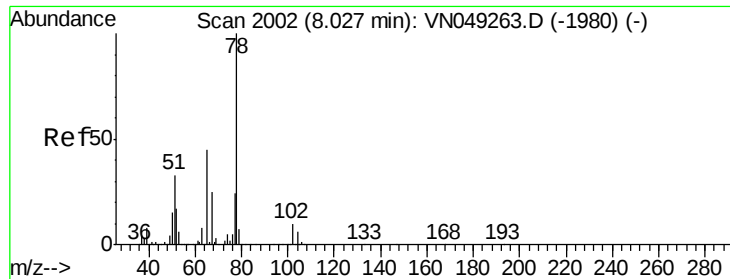
Ion Ratio Lower Upper

56 100

69 44.7 25.0 37.4#

84 92.5 64.6 96.8





#33

1,2-Dichloroethane-d4

Concen: 44.79 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

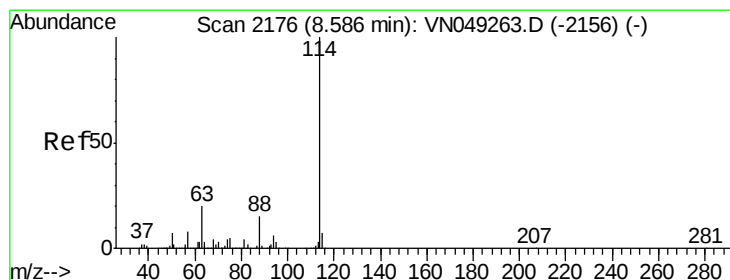
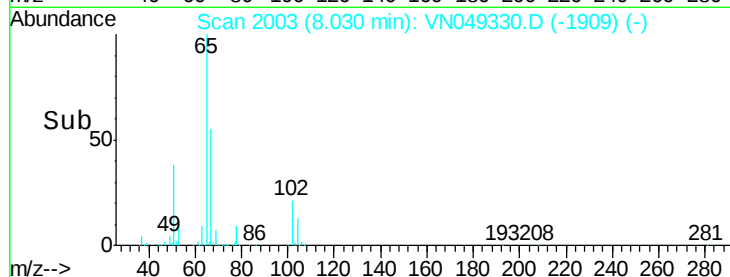
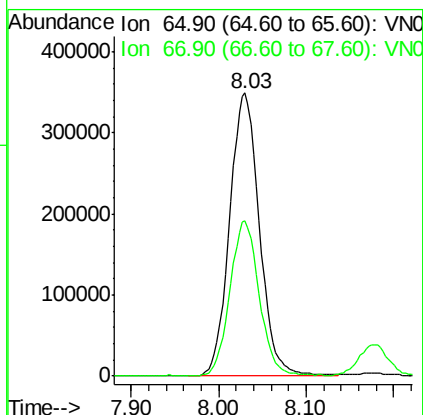
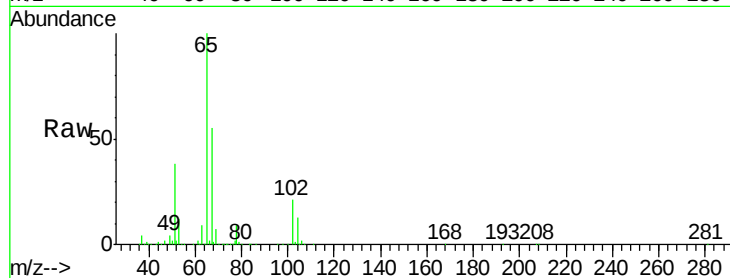
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 825888

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

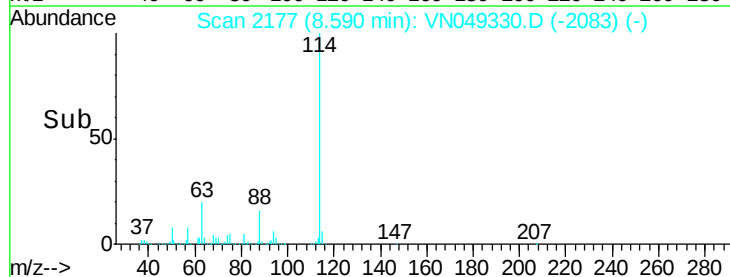
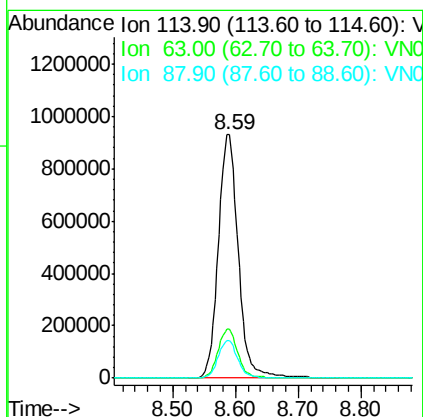
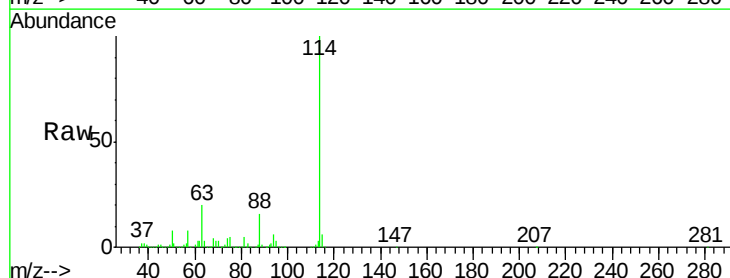
Tgt Ion: 114 Resp: 2062421

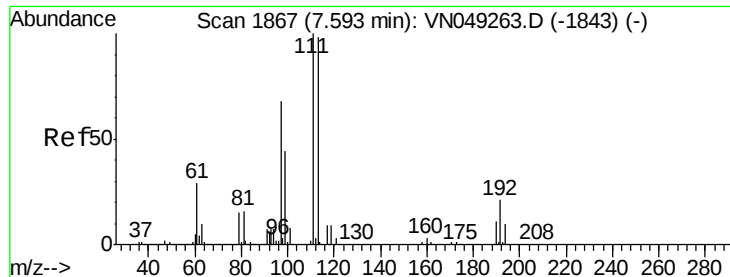
Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

88 15.5 0.0 31.4

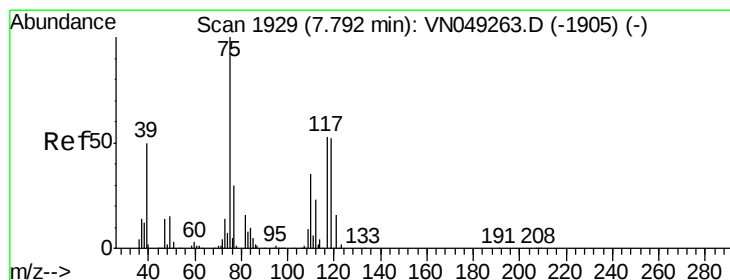
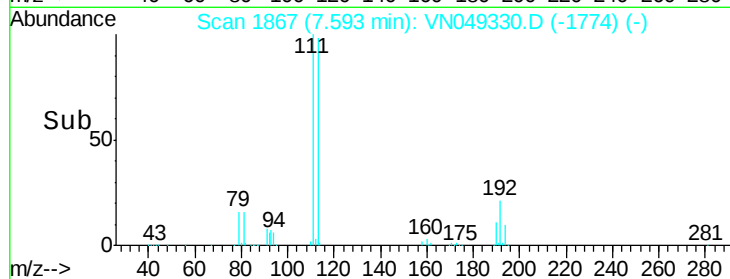
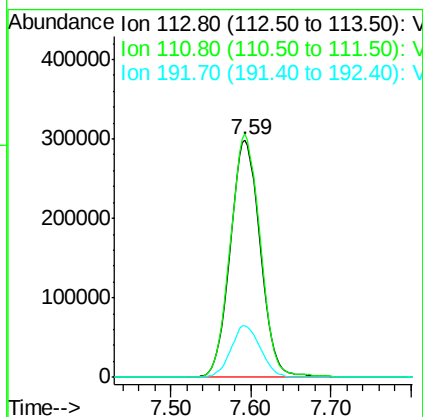
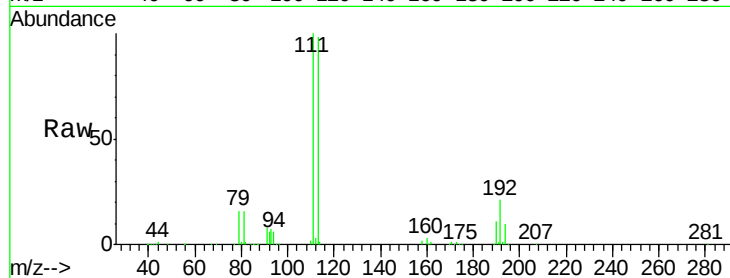




#35
 Dibromofluoromethane
 Concen: 45.40 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049330.D
 Acq: 17 Jun 2018 00:12

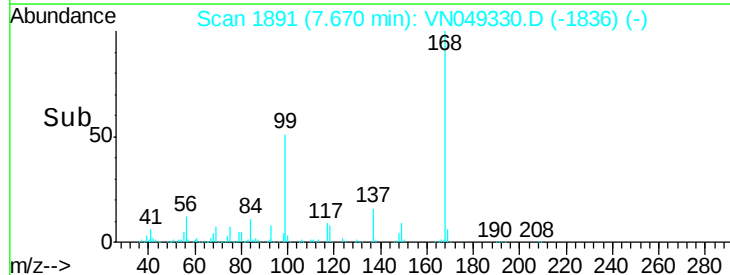
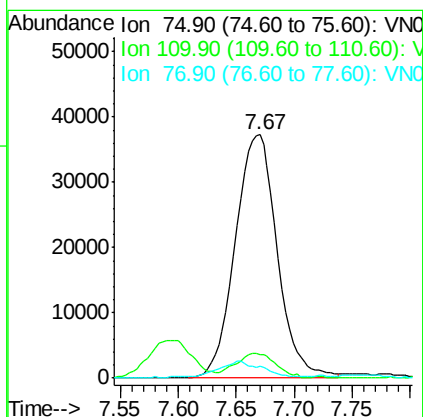
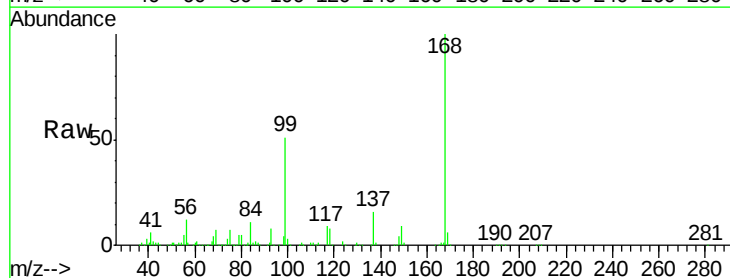
Instrument :
 MSVOA_N
 ClientSampleId :

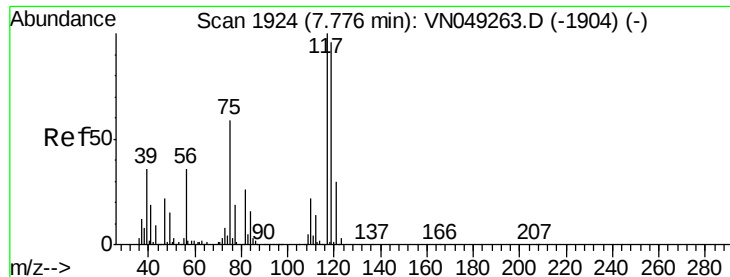
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	21.6	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.97 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN049330.D
 Acq: 17 Jun 2018 00:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.0	50.9#
77	6.2	24.4	36.6#

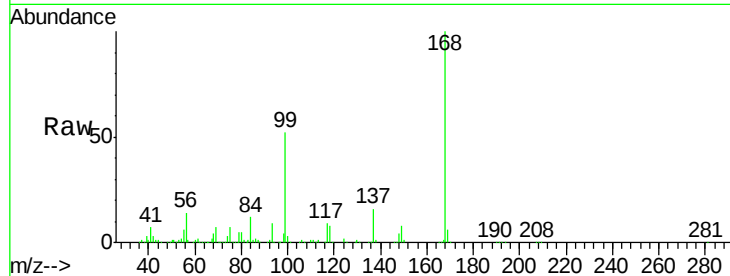




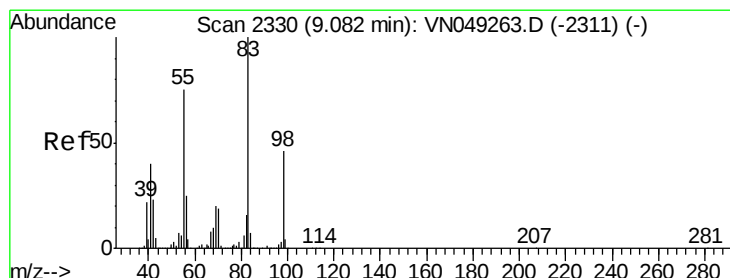
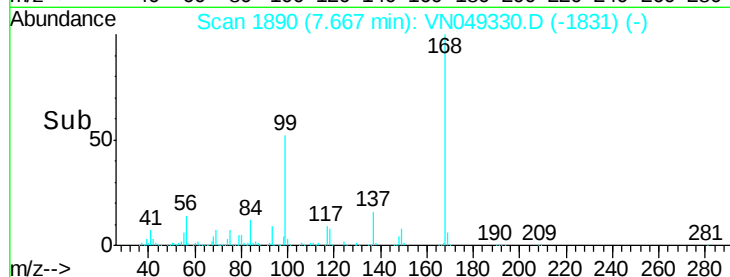
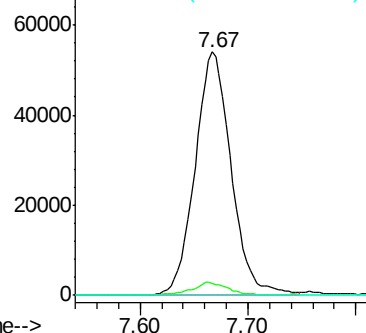
#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 125955
Ion Ratio Lower Upper
117 100
119 4.6 75.6 113.4#
121 0.0 24.7 37.1#

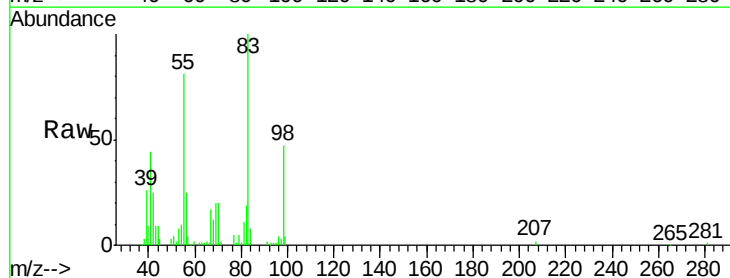


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

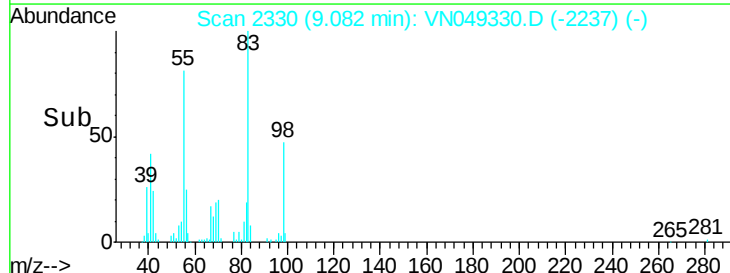
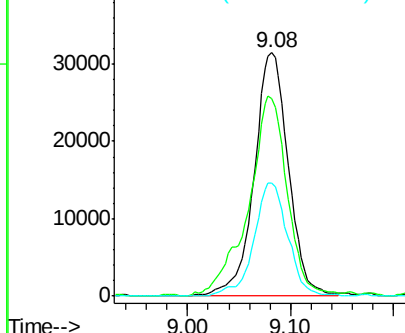


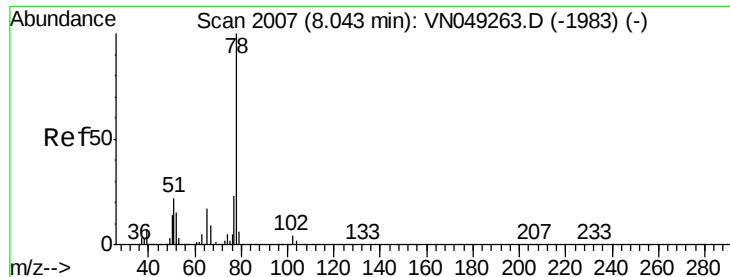
#39
Methylcyclohexane
Concen: 2.85 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion: 83 Resp: 72307
Ion Ratio Lower Upper
83 100
55 81.0 65.1 97.7
98 46.6 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 1.42 ug/l

RT: 8.04 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

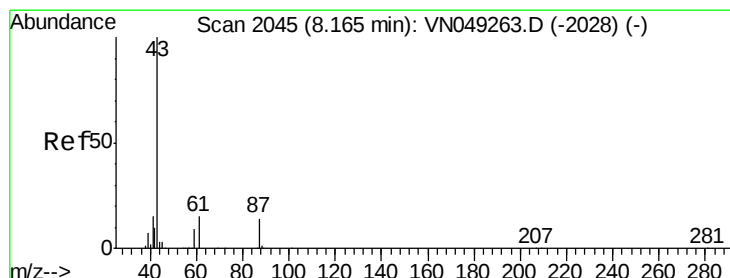
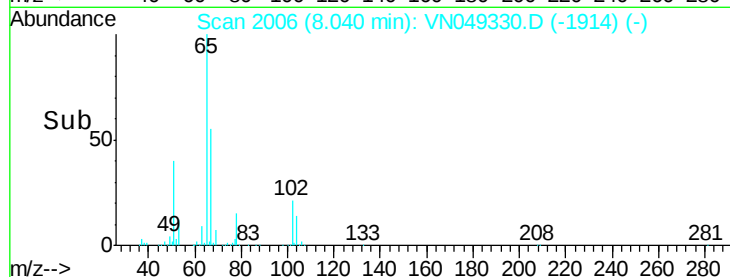
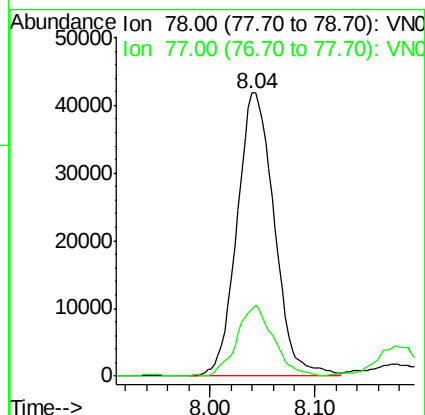
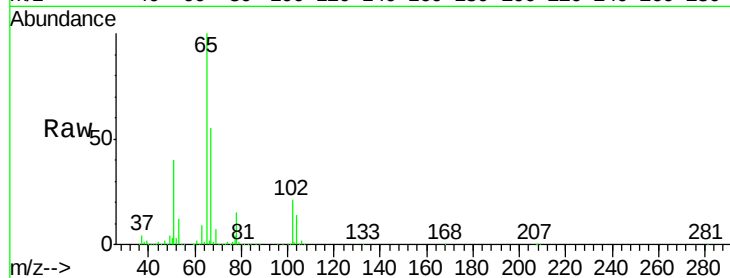
ClientSampled :

Tot Ion: 78 Resp: 102777

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0



#43

Isopropyl Acetate

Concen: 0.34 ug/l

RT: 8.14 min Scan# 2038

Delta R.T. -0.02 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

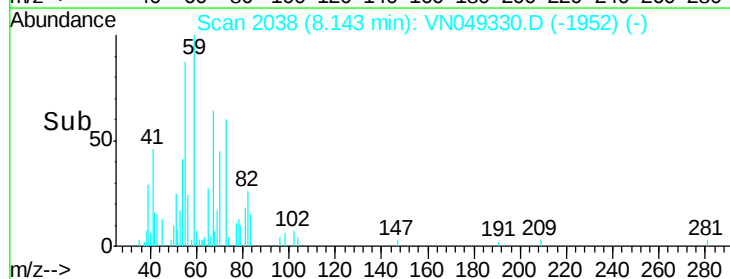
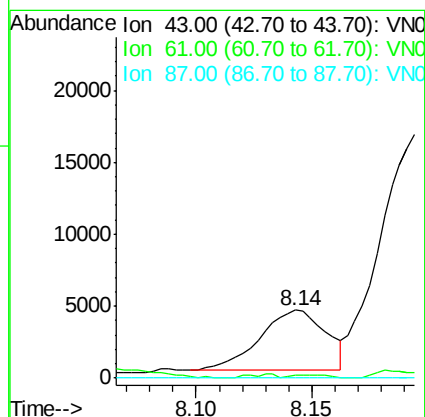
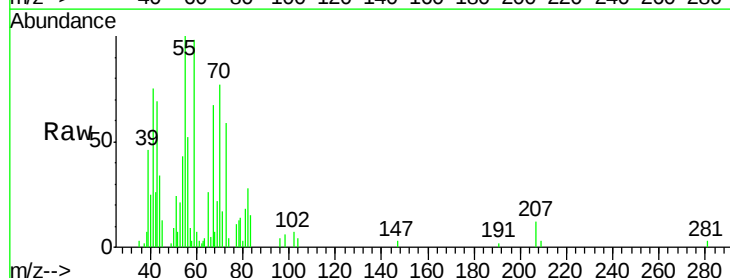
Tgt Ion: 43 Resp: 8332

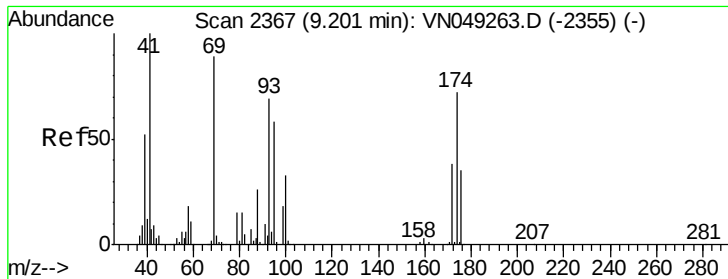
Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.4 14.0#

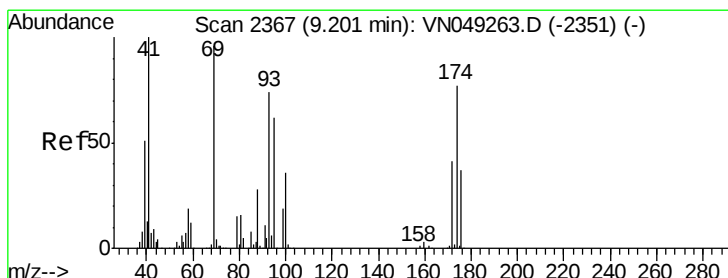
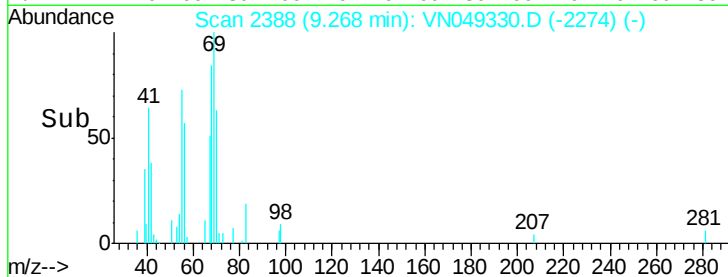
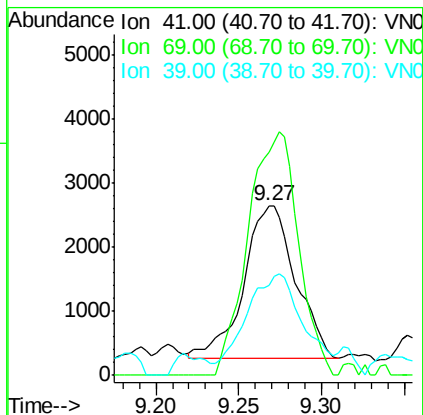
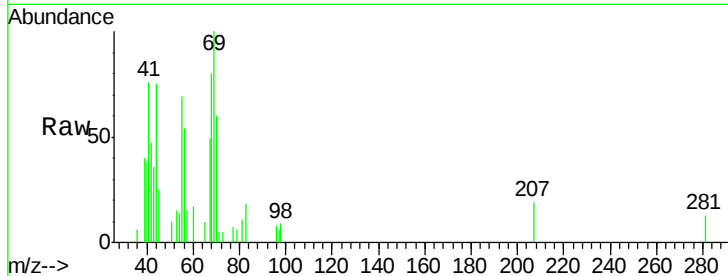




#48
Methvl methacrylate
Concen: 0.45 ug/l
RT: 9.27 min Scan# 2388
Delta R.T. 0.07 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

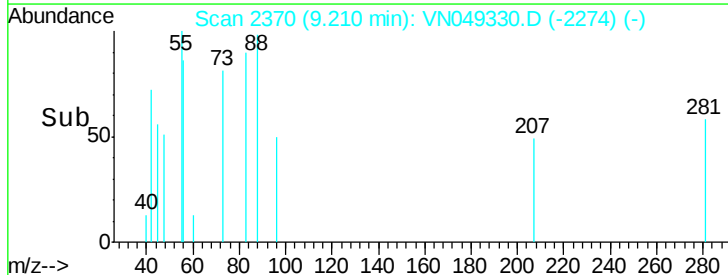
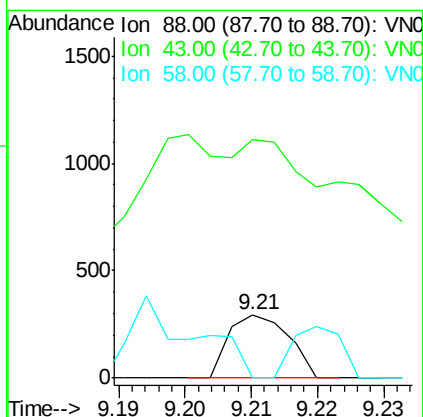
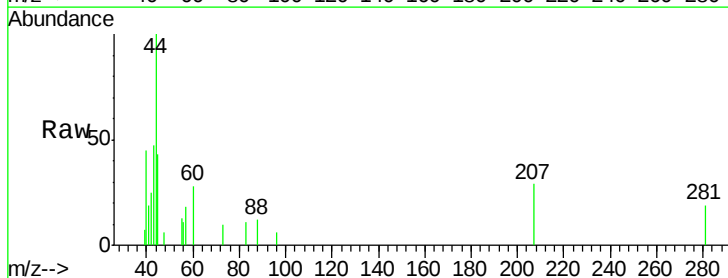
Instrument :
MSVOA_N
ClientSampled :

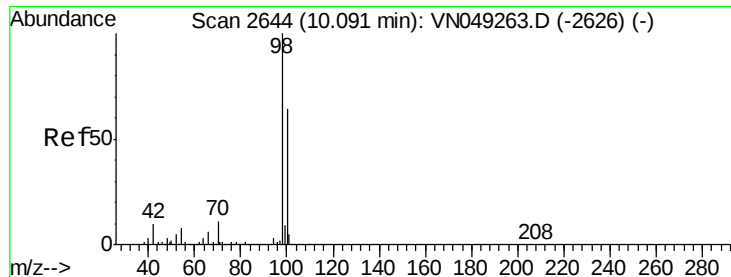
Tot Ion: 41 Resp: 5214
Ion Ratio Lower Upper
41 100
69 153.8 62.0 93.0#
39 64.4 50.6 75.8



#49
1,4-Dioxane
Concen: 1.16 ug/l
RT: 9.21 min Scan# 2370
Delta R.T. 0.01 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 66.5 58.9 88.3

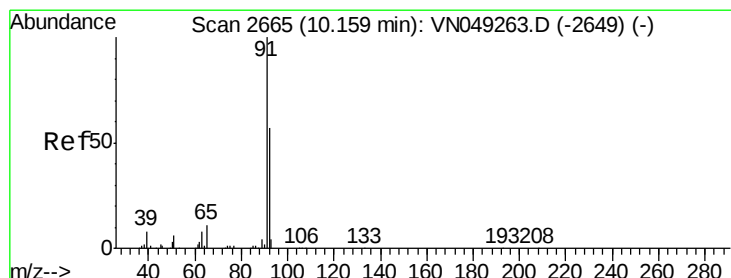
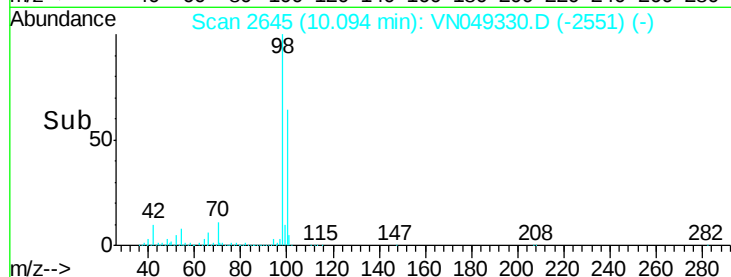
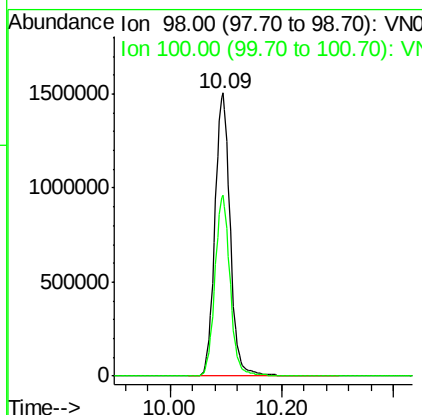
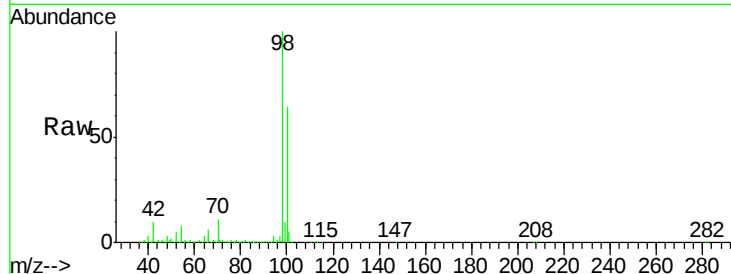




#50
Toluene-d8
Concen: 45.08 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

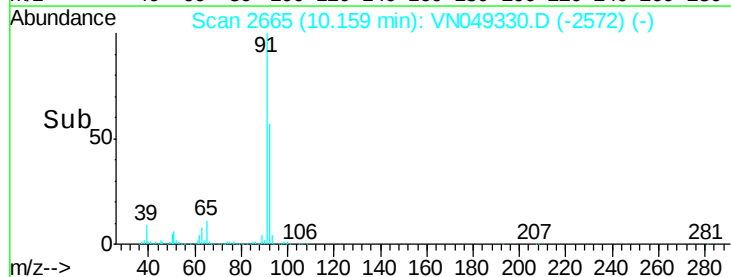
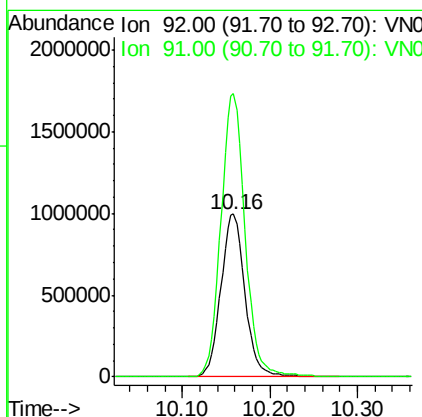
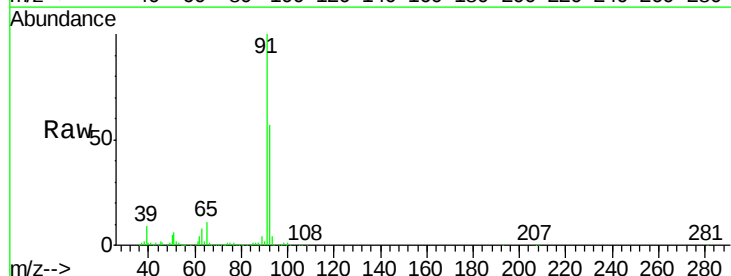
Instrument :
MSVOA_N
ClientSampleId :

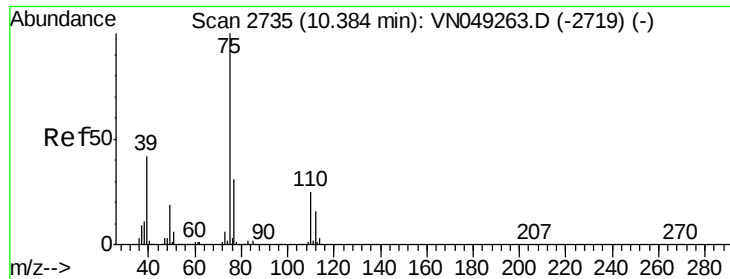
Tot Ion: 98 Resp: 2864083
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.8



#52
Toluene
Concen: 44.69 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion: 92 Resp: 1900775
Ion Ratio Lower Upper
92 100
91 175.0 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 0.91 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. -0.23 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

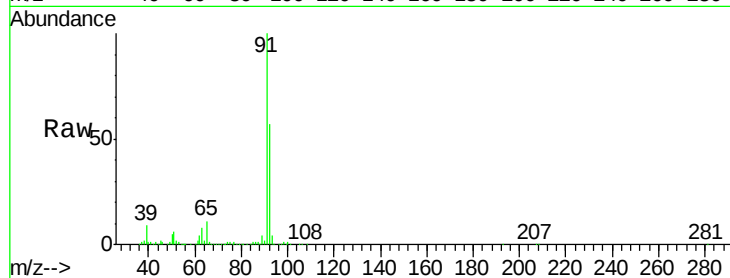
ClientSampleId :

Tot Ion: 75 Resp: 21098

Ion Ratio Lower Upper

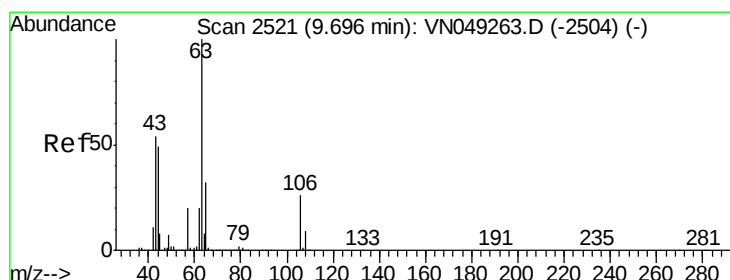
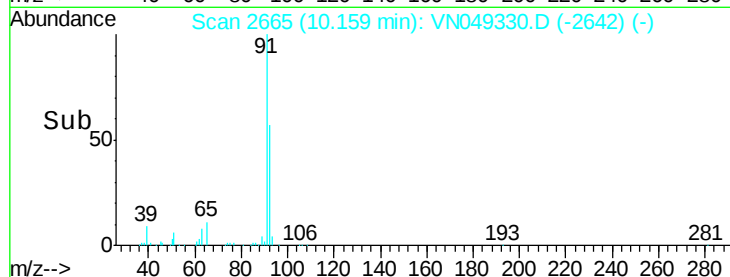
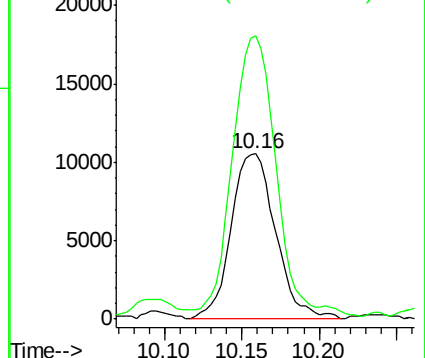
75 100

77 166.3 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.76 min Scan# 2540

Delta R.T. 0.06 min

Lab File: VN049330.D

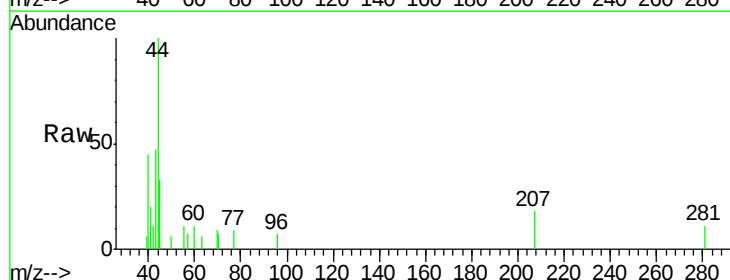
Acq: 17 Jun 2018 00:12

Tgt Ion: 63 Resp: 60

Ion Ratio Lower Upper

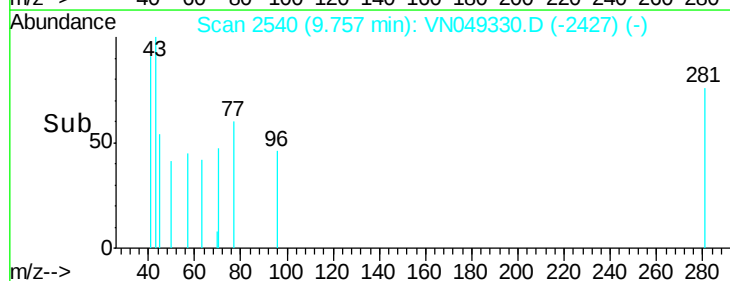
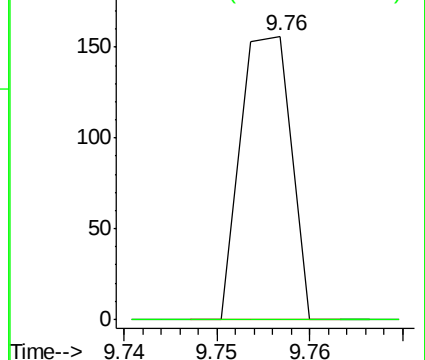
63 100

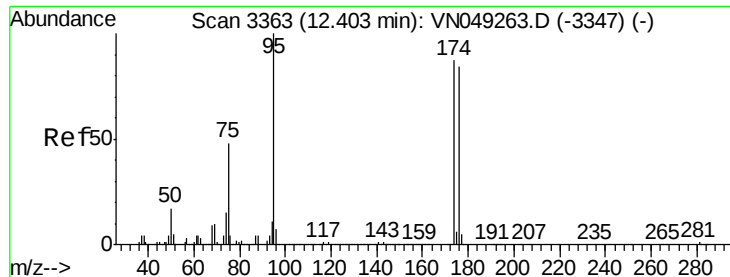
106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 41.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

ClientSampleId :

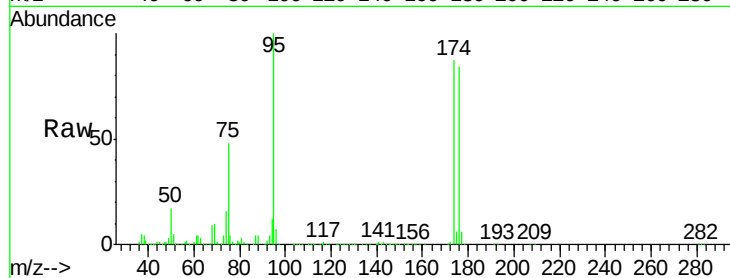
Tot Ion: 95 Resp: 875711

Ion Ratio Lower Upper

95 100

174 87.5 0.0 165.6

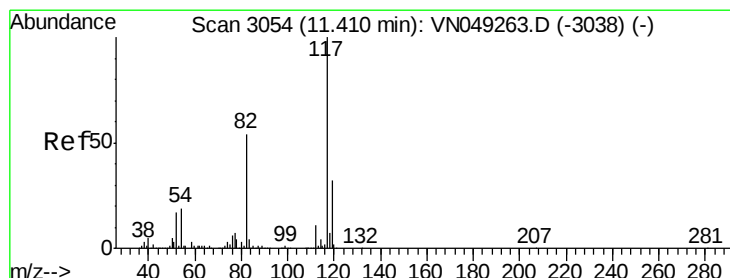
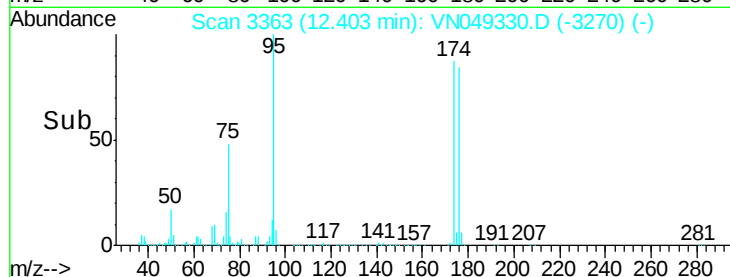
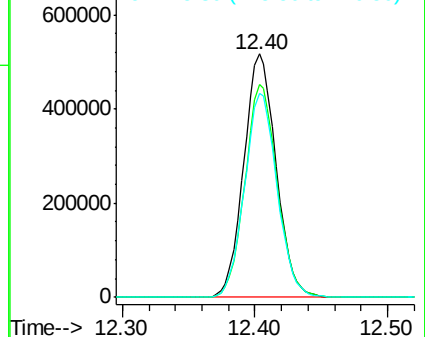
176 84.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

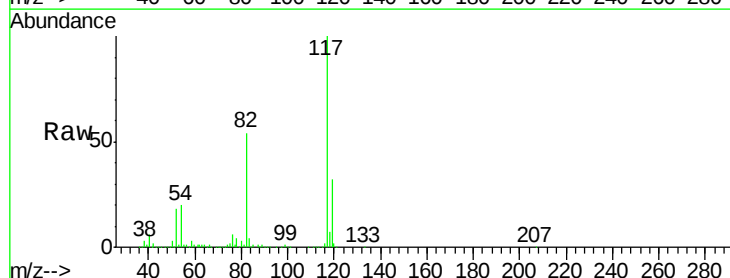
Tgt Ion: 117 Resp: 1730218

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

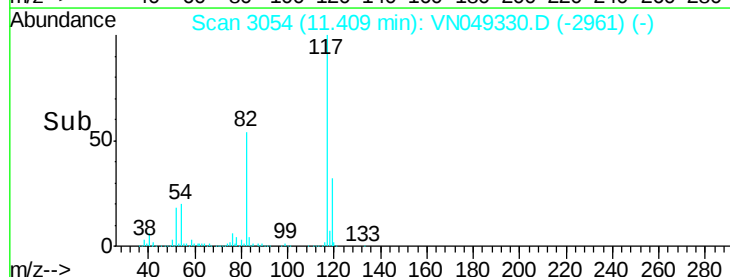
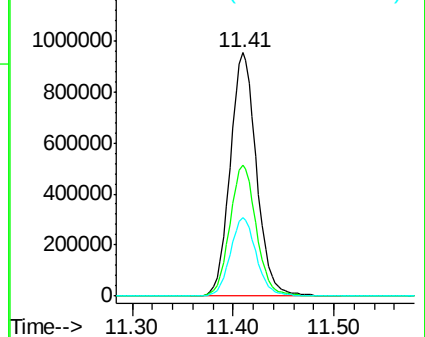
119 32.1 25.5 38.3

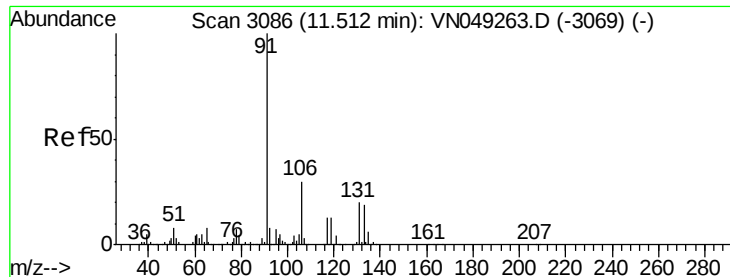


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

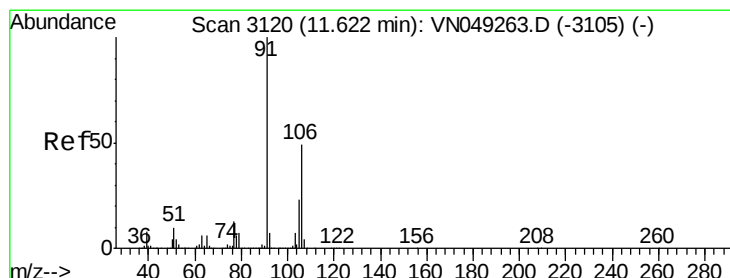
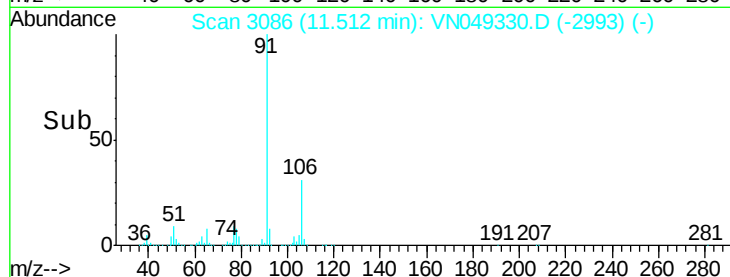
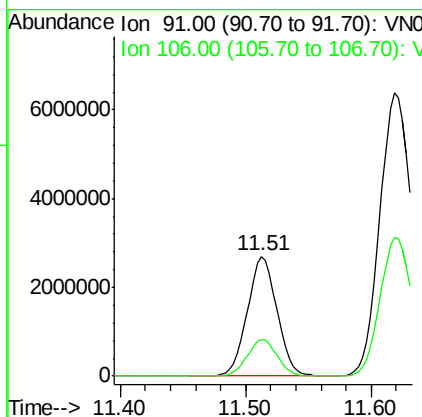
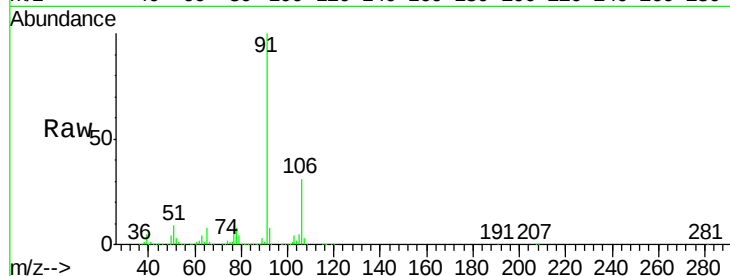




#67
Ethyl Benzene
Concen: 60.12 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

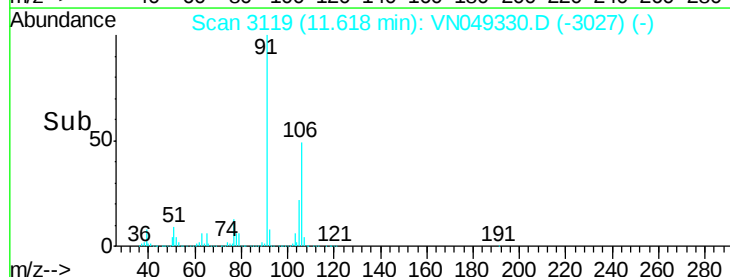
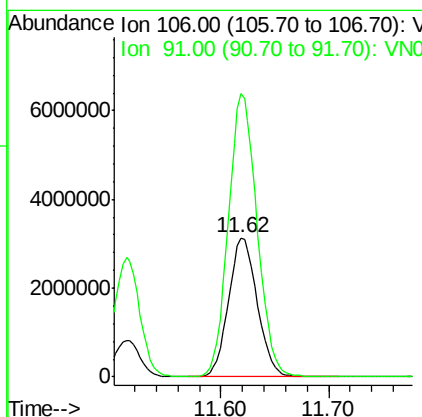
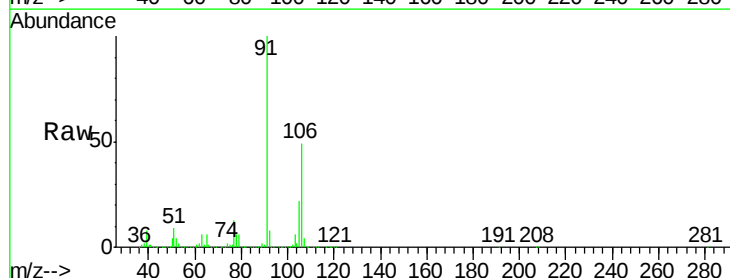
Instrument :
MSVOA_N
ClientSampled :

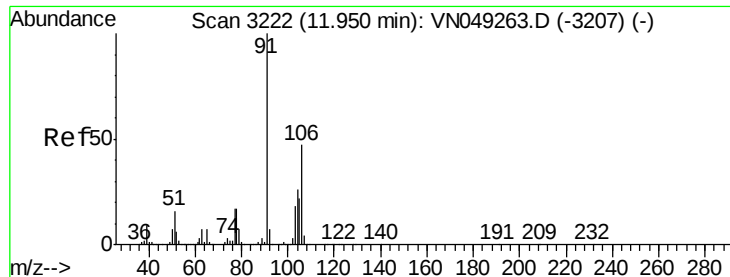
Tot Ion: 91 Resp: 4444606
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9



#68
m/p-Xylenes
Concen: 208.79 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion: 106 Resp: 5792865
Ion Ratio Lower Upper
106 100
91 204.3 167.3 250.9

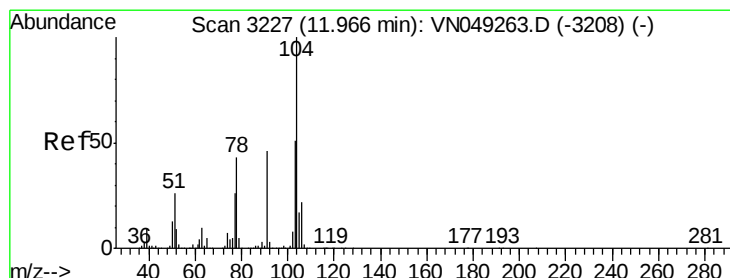
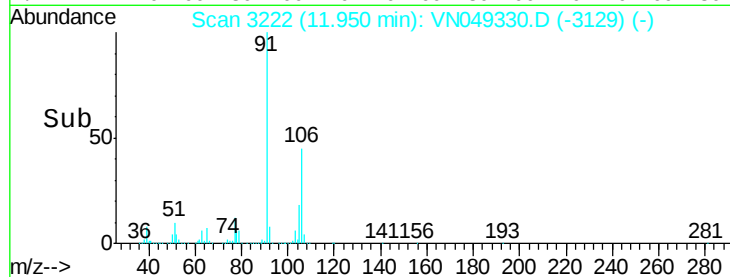
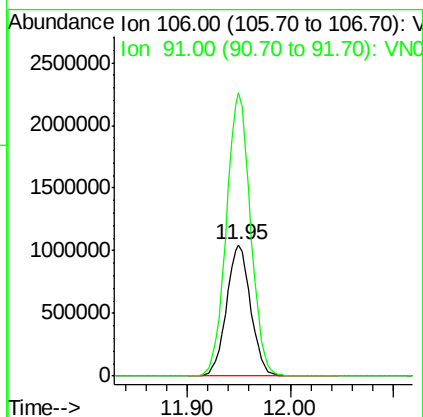
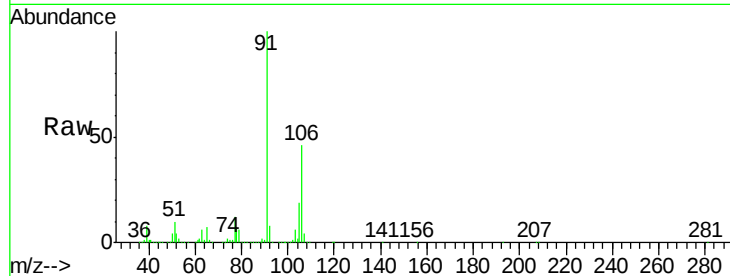




#69
o-Xylene
Concen: 63.62 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

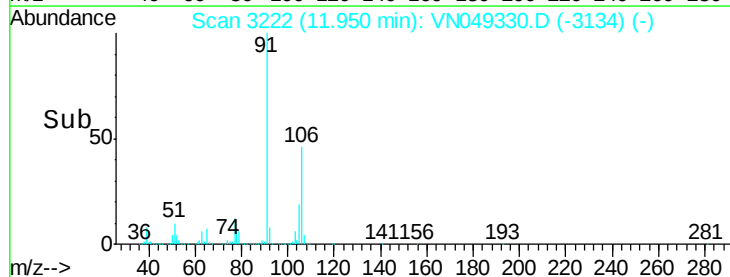
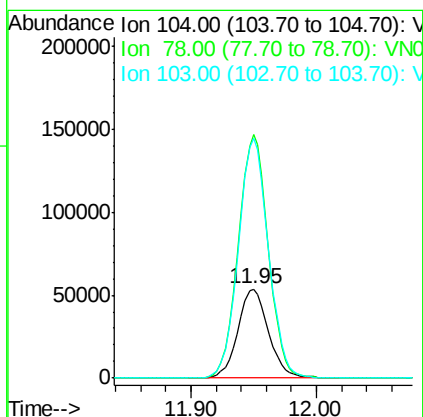
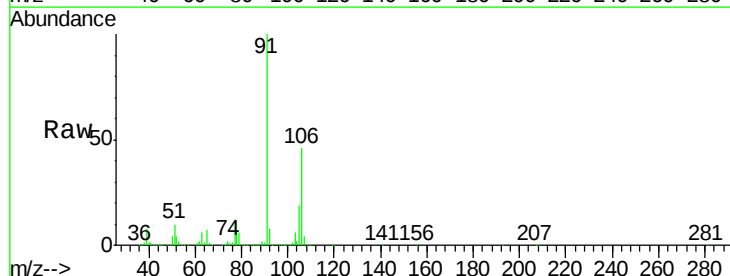
Instrument :
MSVOA_N
ClientSampled :

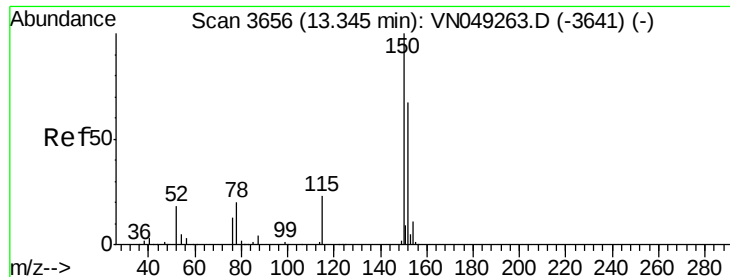
Tot Ion:106 Resp: 1700232
Ion Ratio Lower Upper
106 100
91 217.0 111.0 333.0



#70
Styrene
Concen: 2.17 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.02 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion:104 Resp: 91526
Ion Ratio Lower Upper
104 100
78 267.3 41.6 62.4#
103 261.9 45.4 68.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

ClientSampleId :

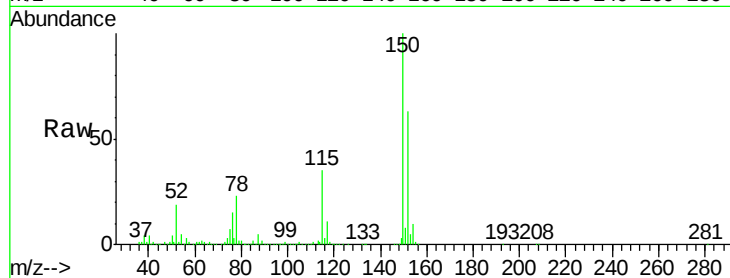
Tot Ion:152 Resp: 682766

Ion Ratio Lower Upper

152 100

115 59.7 28.7 86.1

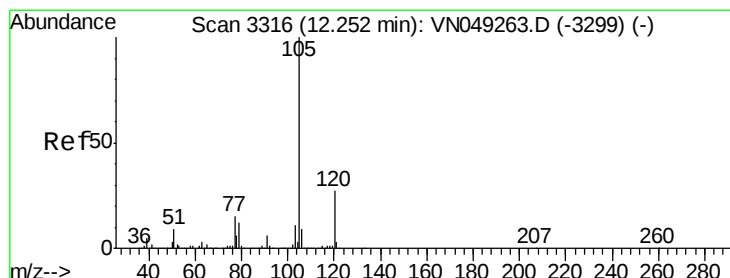
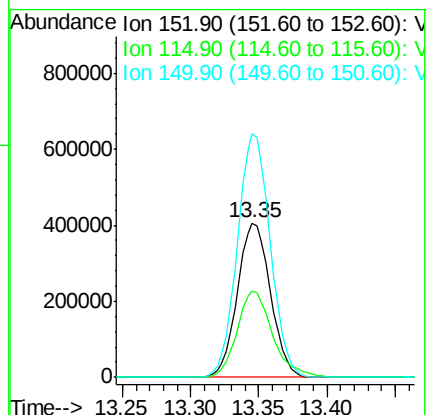
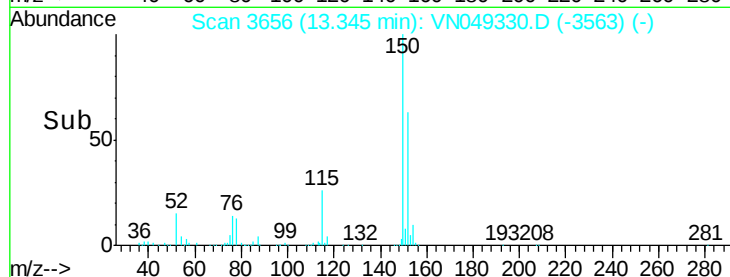
150 156.9 0.0 351.0



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



#73

Isopropylbenzene

Concen: 2.18 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN049330.D

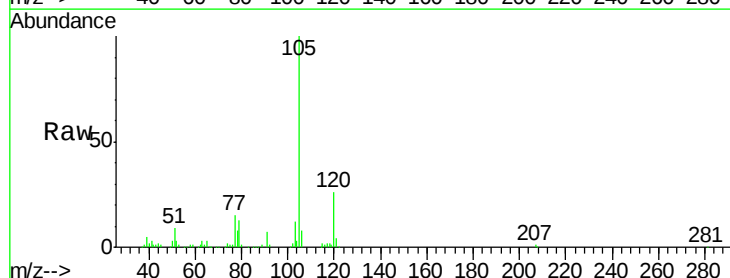
Acq: 17 Jun 2018 00:12

Tgt Ion:105 Resp: 130425

Ion Ratio Lower Upper

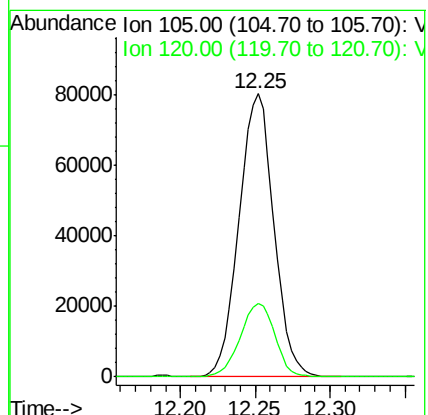
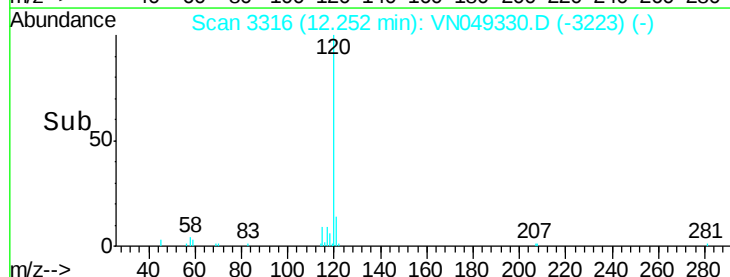
105 100

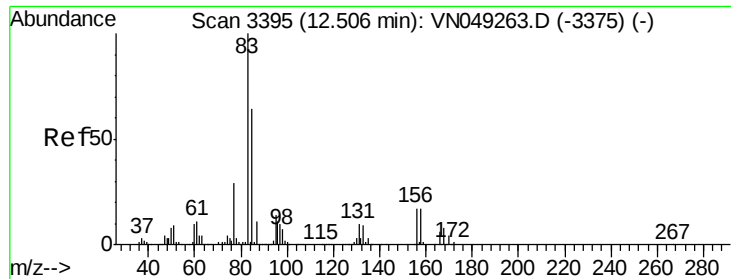
120 25.9 12.8 38.3



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: 12.52 min Scan# 3399

Delta R.T. 0.01 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

ClientSampleId :

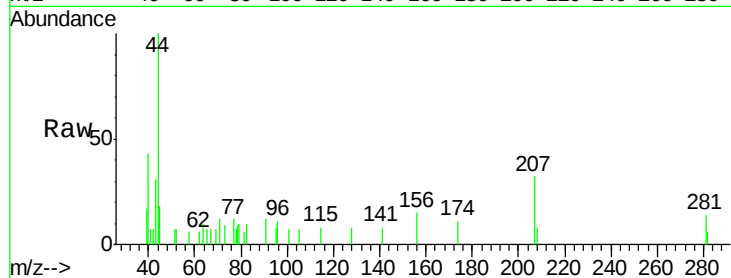
Tot Ion: 83 Resp: 120

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

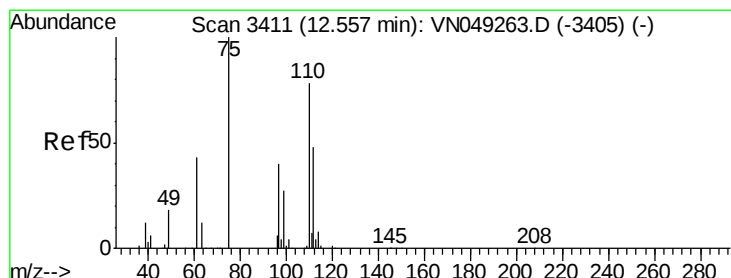
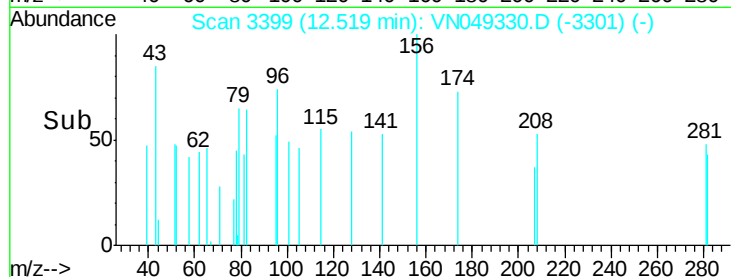
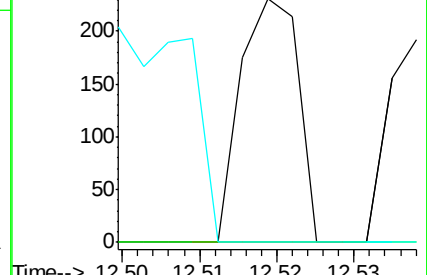
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 36.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049330.D

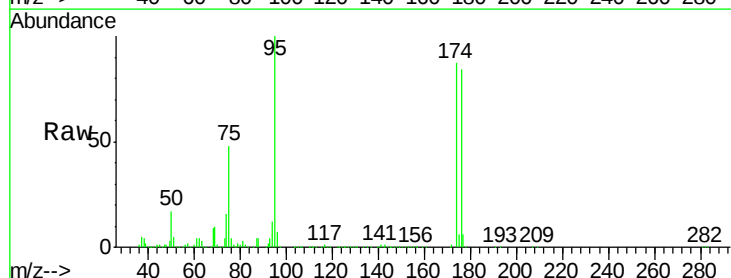
Acq: 17 Jun 2018 00:12

Tgt Ion: 75 Resp: 421668

Ion Ratio Lower Upper

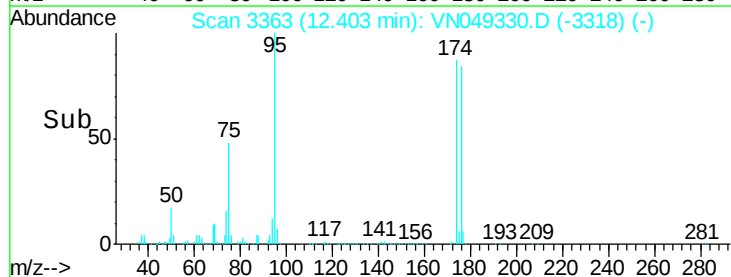
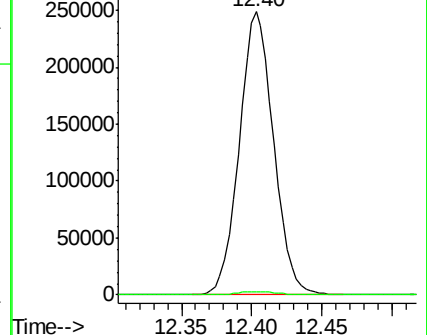
75 100

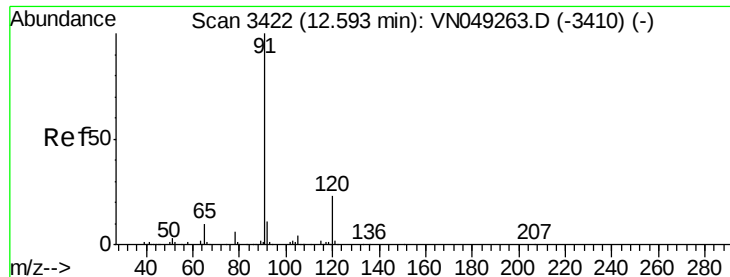
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 5.23 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

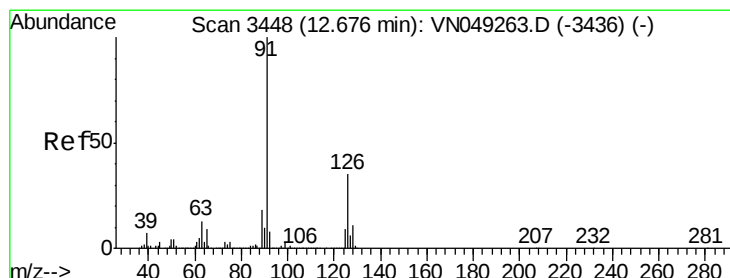
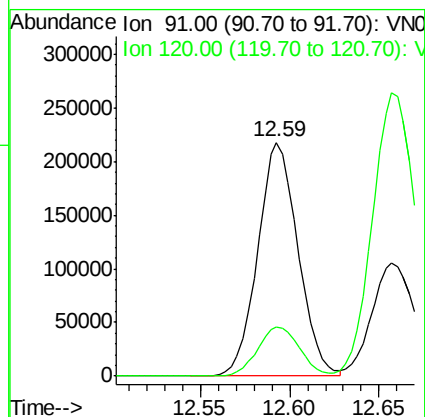
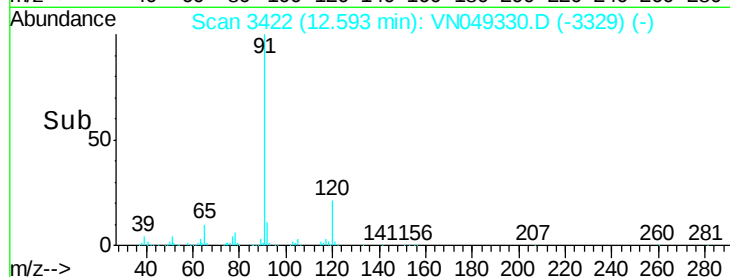
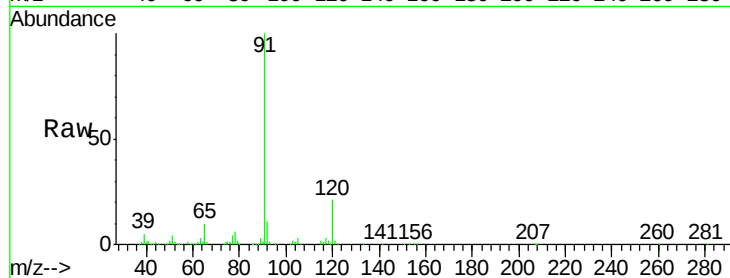
ClientSampleId :

Tot Ion: 91 Resp: 343955

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.5



#79

2-Chlorotoluene

Concen: 3.93 ug/l

RT: 12.66 min Scan# 3442

Delta R.T. -0.02 min

Lab File: VN049330.D

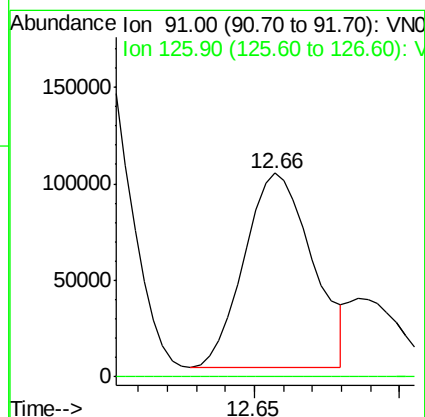
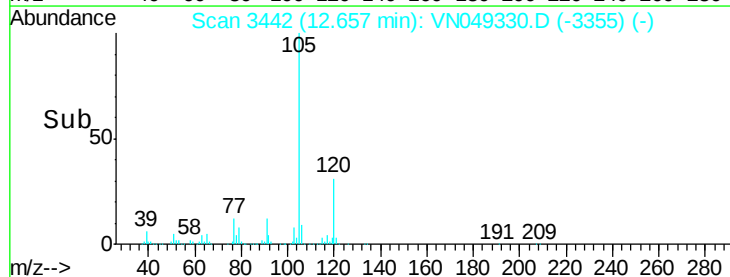
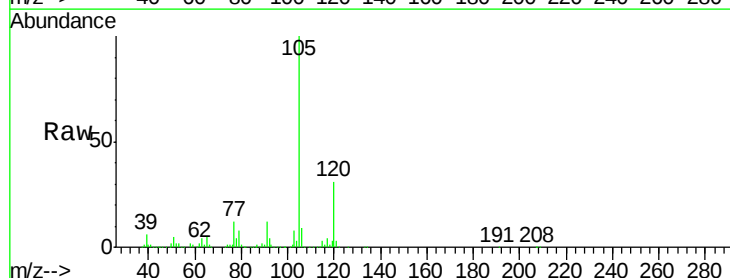
Acq: 17 Jun 2018 00:12

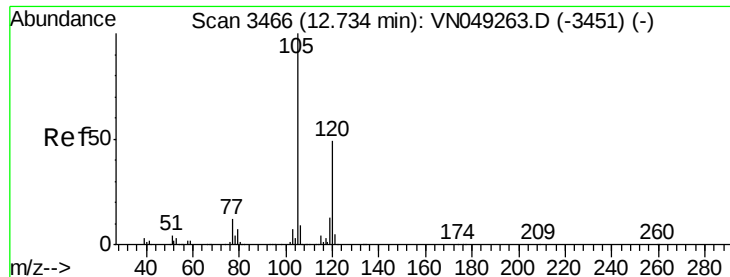
Tgt Ion: 91 Resp: 163943

Ion Ratio Lower Upper

91 100

126 0.2 16.6 49.8#





#80

1,3,5-Trimethylbenzene

Concen: 12.67 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

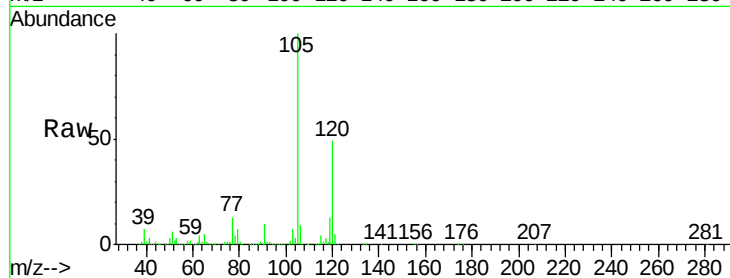
ClientSampled :

Tot Ion:105 Resp: 597163

Ion Ratio Lower Upper

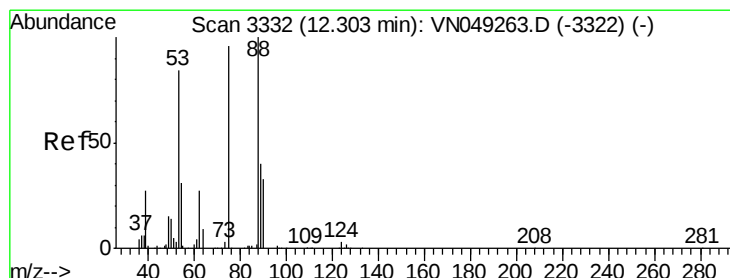
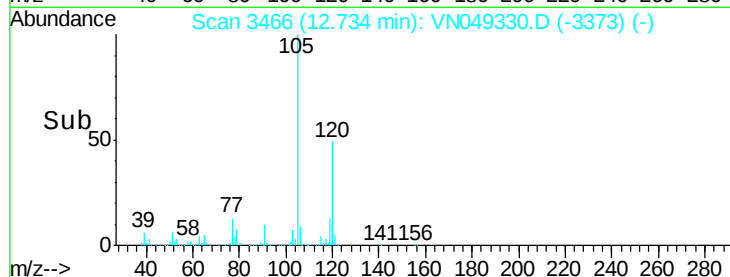
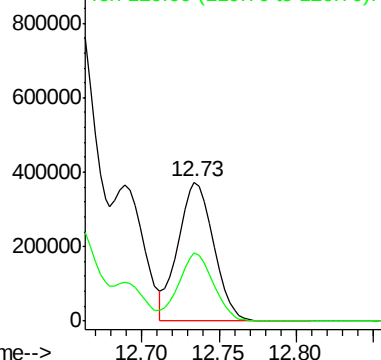
105 100

120 47.8 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: 114.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

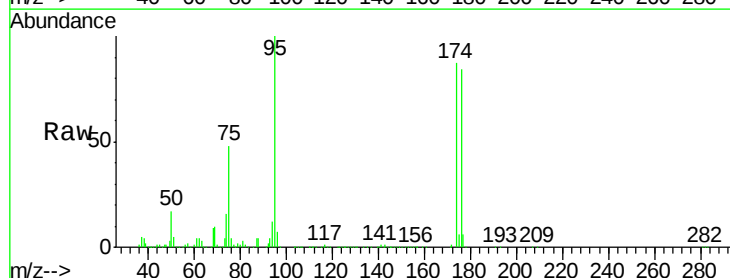
Tgt Ion: 75 Resp: 421668

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

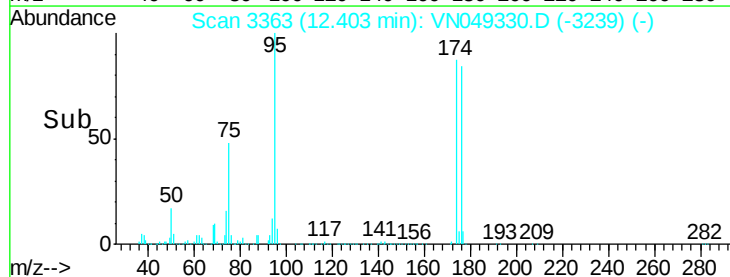
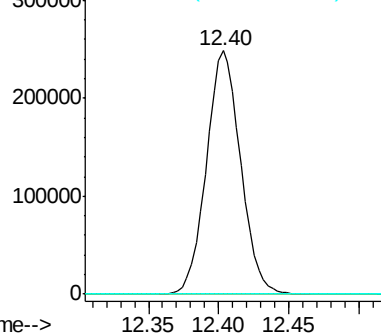
89 0.0 36.5 54.7#

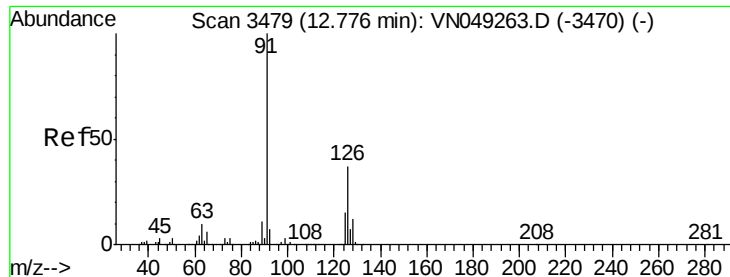


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 1.48 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

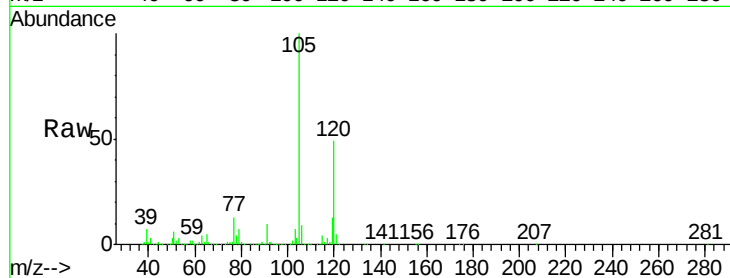
ClientSampleId :

Tot Ion: 91 Resp: 59543

Ion Ratio Lower Upper

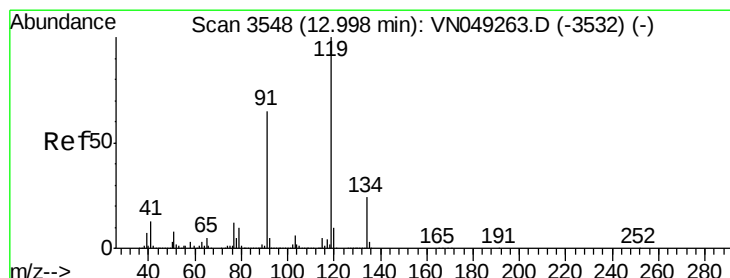
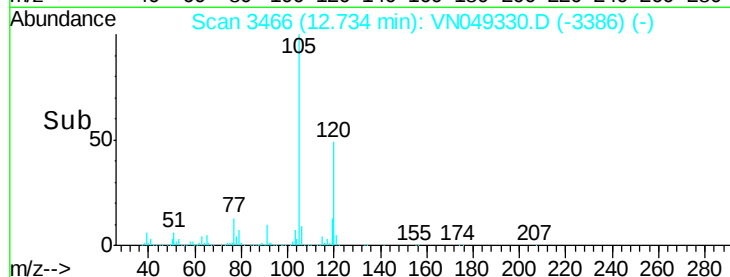
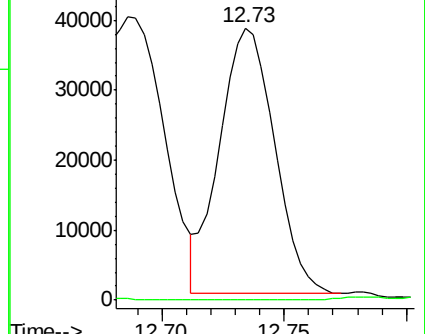
91 100

126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN049330.D (-3466) (-)

Ion 125.90 (125.60 to 126.60): VN049330.D (-3466) (-)



#83

tert-Butylbenzene

Concen: 6.76 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.04 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

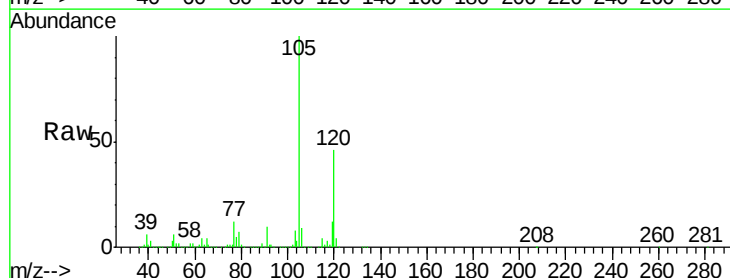
Tgt Ion: 119 Resp: 282207

Ion Ratio Lower Upper

119 100

91 81.2 33.7 101.0

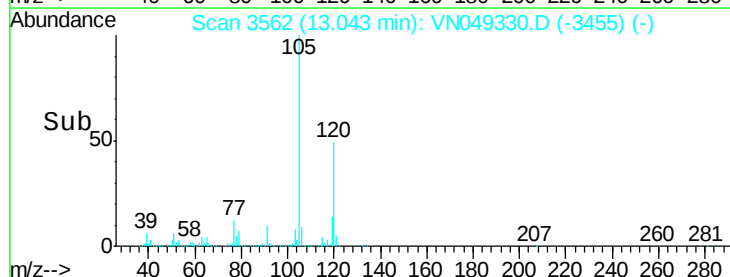
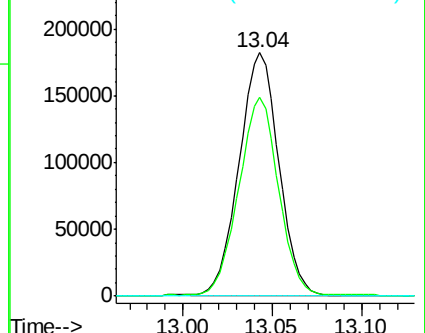
134 0.3 12.9 38.6#

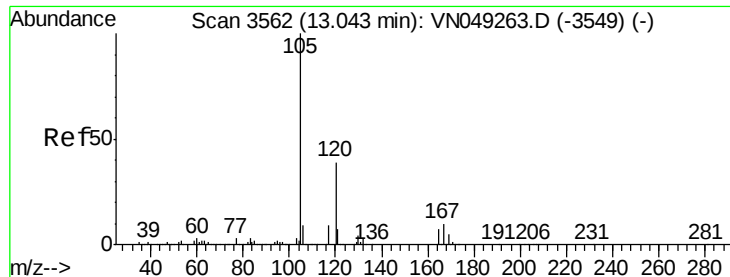


Abundance Ion 119.00 (118.70 to 119.70): VN049330.D (-3562) (-)

Ion 91.00 (90.70 to 91.70): VN049330.D (-3562) (-)

Ion 134.00 (133.70 to 134.70): VN049330.D (-3562) (-)

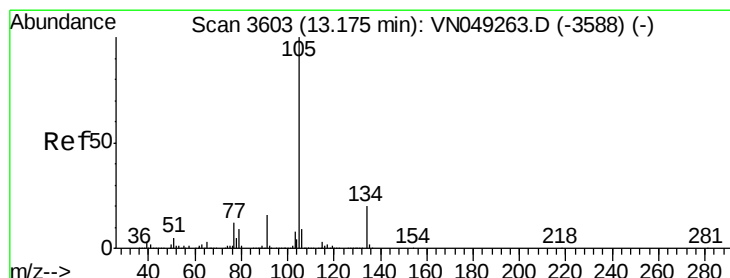
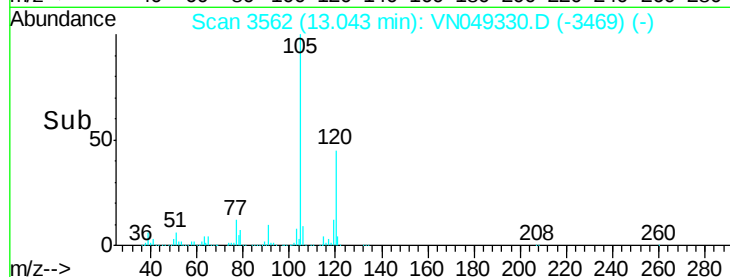
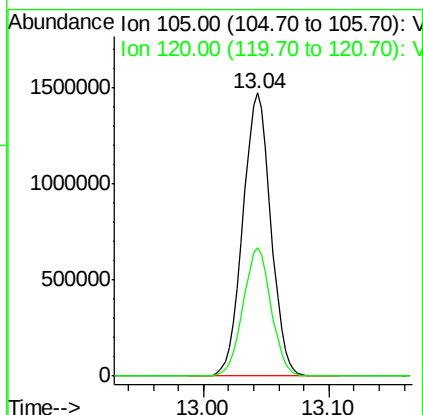
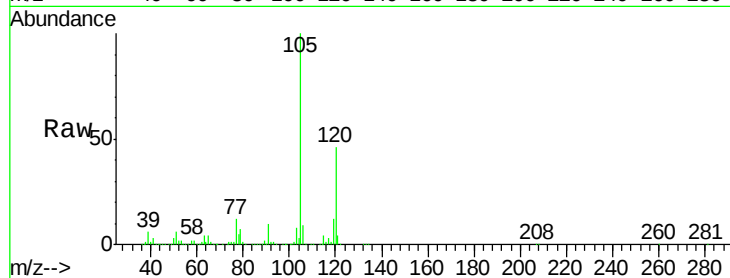




#84
 1,2,4-Trimethylbenzene
 Concen: 48.79 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.00 min
 Lab File: VN049330.D
 Acq: 17 Jun 2018 00:12

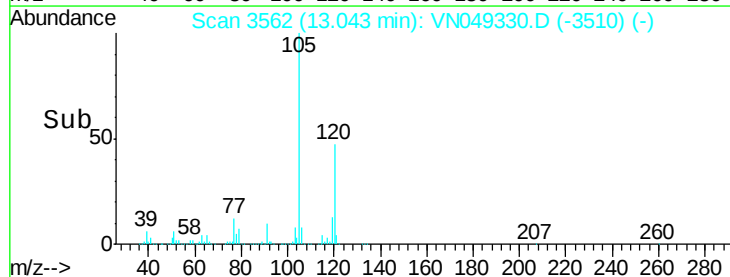
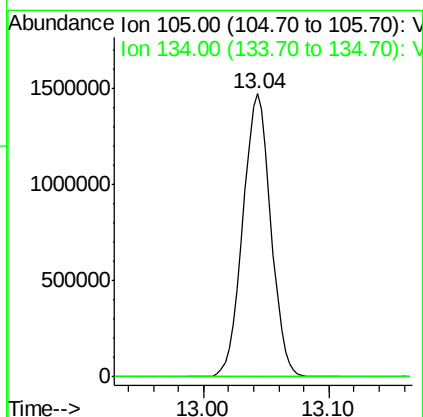
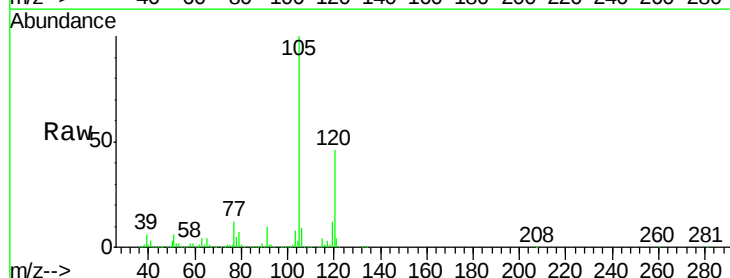
Instrument :
 MSVOA_N
 ClientSampleId :

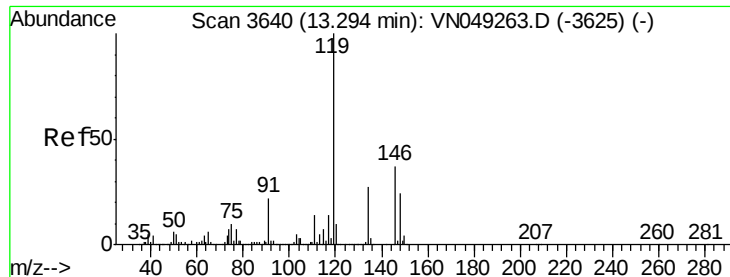
Tot Ion:105 Resp: 2283571
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 41.10 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.13 min
 Lab File: VN049330.D
 Acq: 17 Jun 2018 00:12

Tgt Ion:105 Resp: 2283571
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#

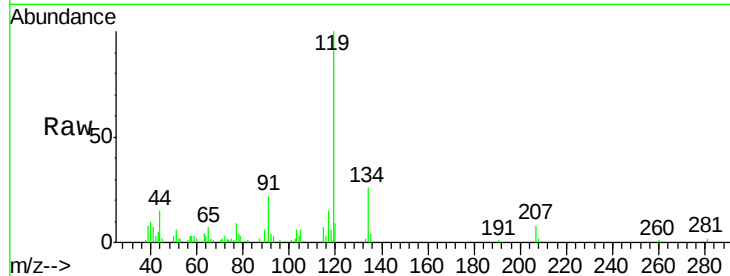




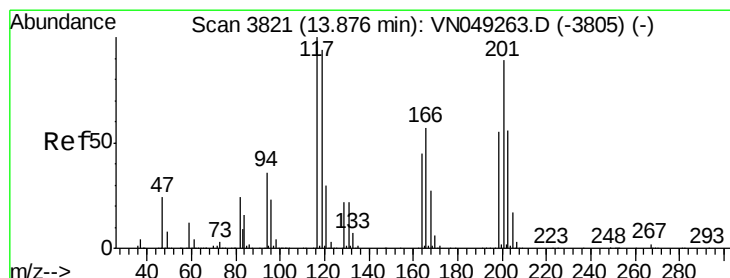
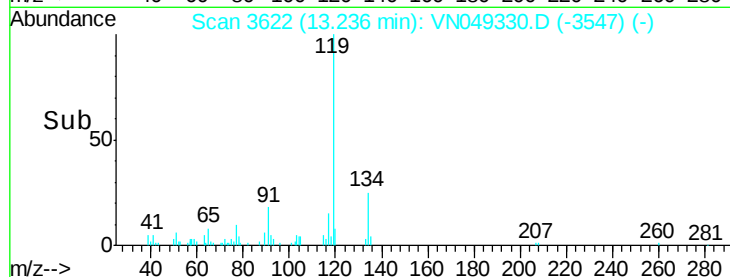
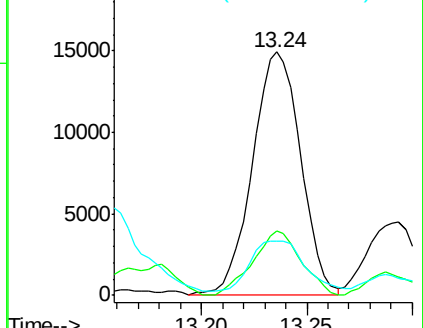
#86
p-Isopropyltoluene
Concen: 0.51 ug/l
RT: 13.24 min Scan# 3622
Delta R.T. -0.06 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 23760
Ion Ratio Lower Upper
119 100
134 26.4 12.9 38.6
91 0.0 12.1 36.3#

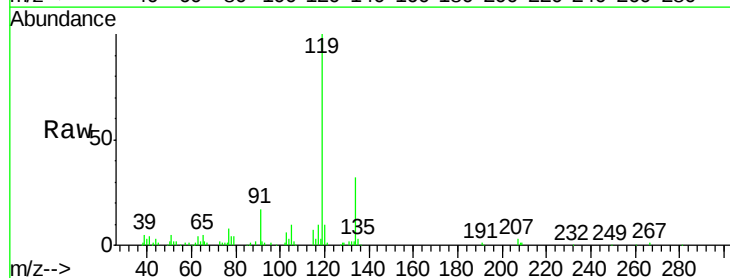


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

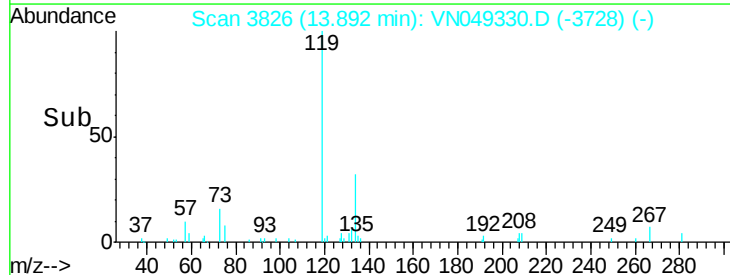
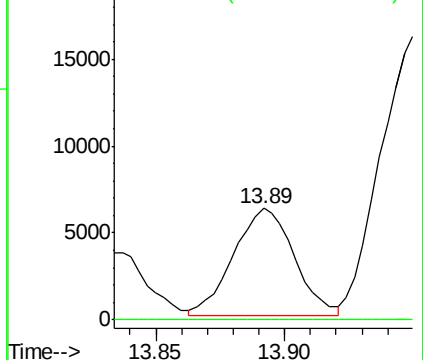


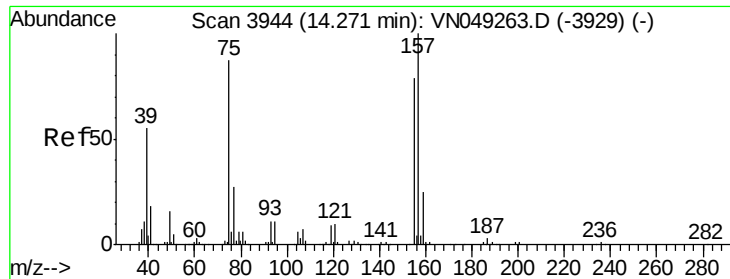
#90
Hexachloroethane
Concen: Below Cal
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion:117 Resp: 10131
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

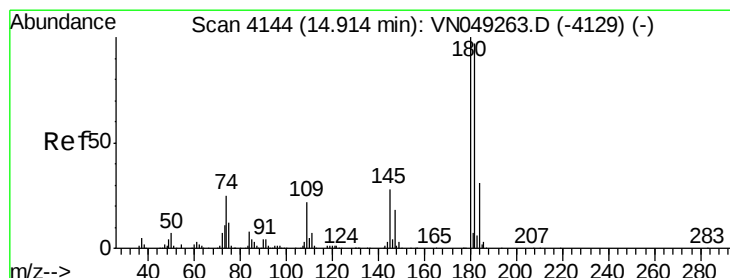
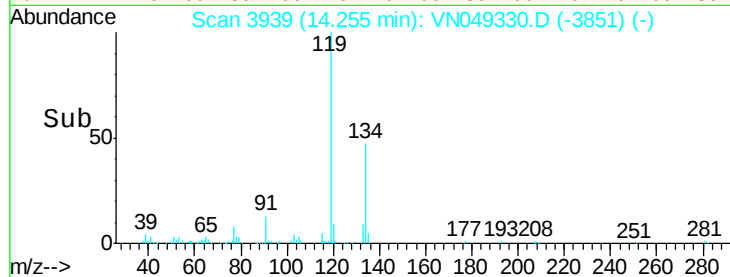
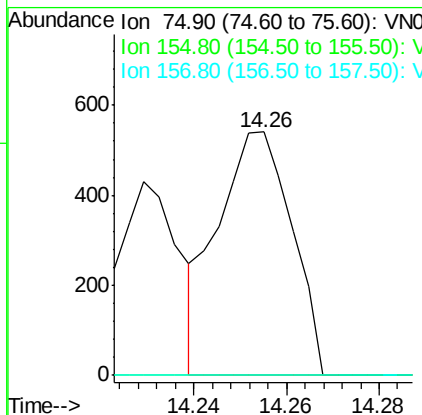
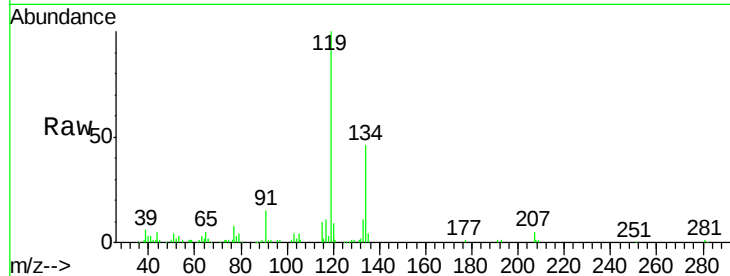




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.28 ug/l
 RT: 14.26 min Scan# 3939
 Delta R.T. -0.02 min
 Lab File: VN049330.D
 Acq: 17 Jun 2018 00:12

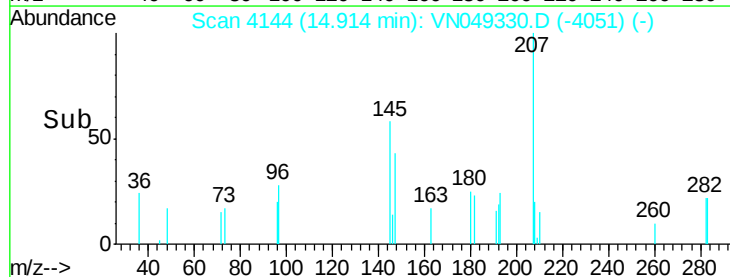
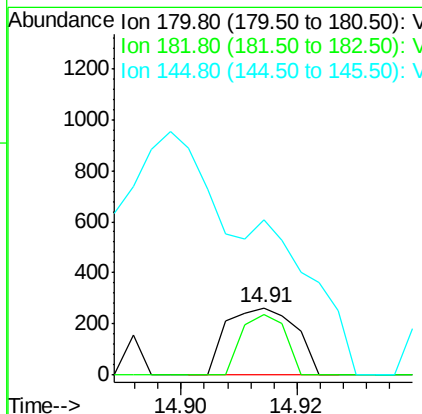
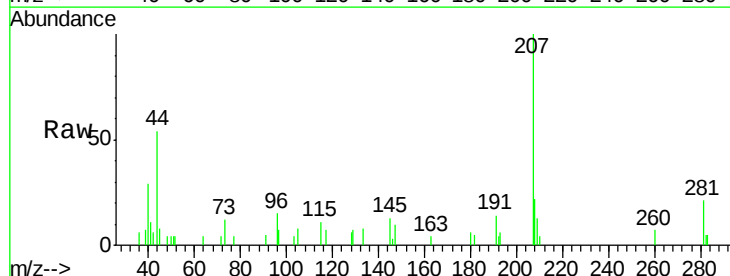
Instrument :
 MSVOA_N
 ClientSampleId :

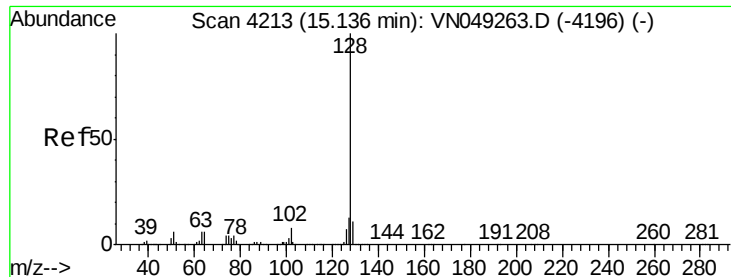
Tot Ion: 75 Resp: 593
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.8 116.3#
 157 0.0 51.0 153.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.76 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049330.D
 Acq: 17 Jun 2018 00:12

Tgt Ion: 180 Resp: 216
 Ion Ratio Lower Upper
 180 100
 182 56.9 46.9 140.8
 145 0.0 14.7 44.1#

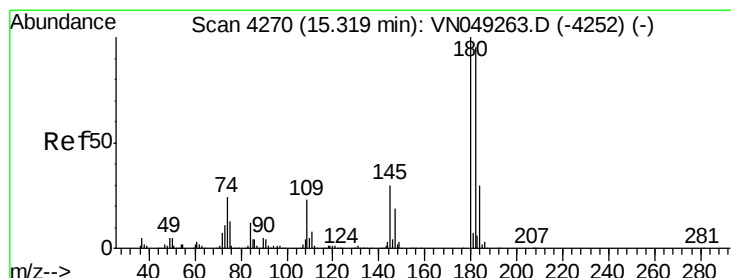
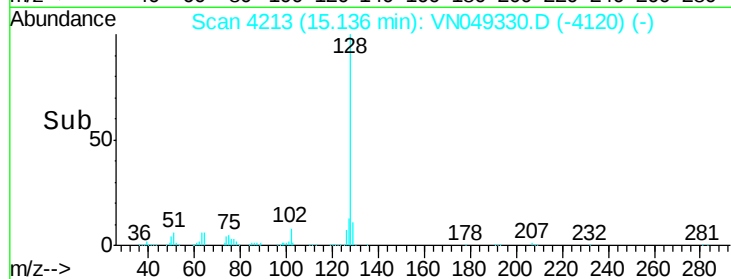
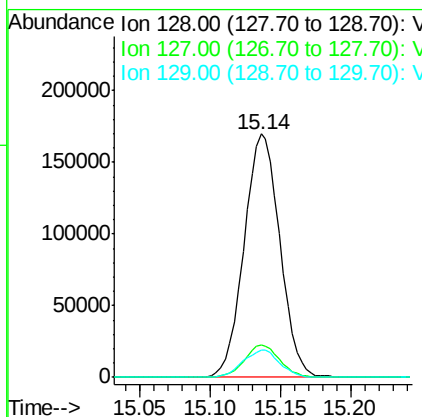
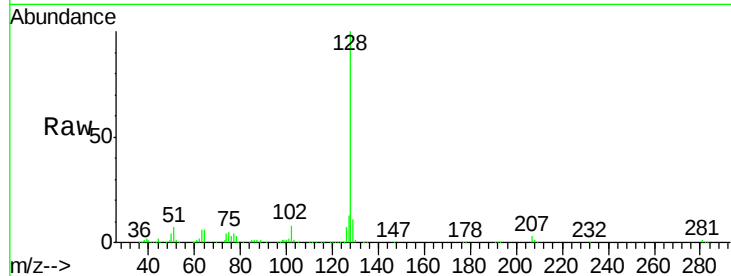




#95
Naphthalene
Concen: 17.27 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 300411
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.5 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.47 ug/l
RT: 15.33 min Scan# 4272
Delta R.T. 0.01 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion:180 Resp: 100
Ion Ratio Lower Upper
180 100
182 29.0 47.3 141.8#
145 175.0 15.6 46.7#

