

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049304.D
 Acq On : 16 Jun 2018 11:35
 Operator : MD\SY
 Sample : J3501-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 01:16:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1313233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2047527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1603755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	442547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	851636	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	755765	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
50) Toluene-d8	10.09	98	2806451	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	
62) 4-Bromofluorobenzene	12.40	95	645344	30.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.88%	

Target Compounds

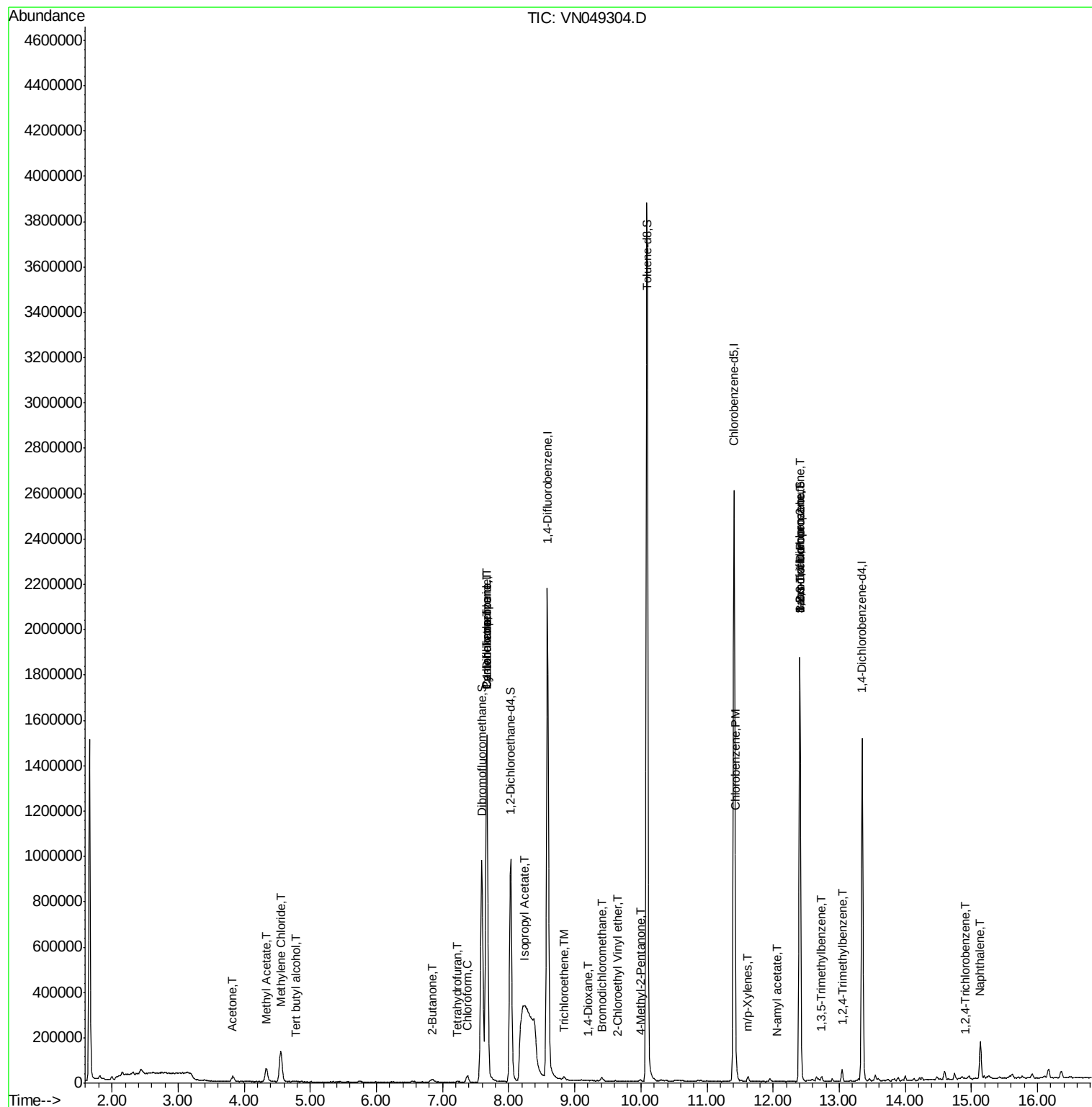
						Qvalue
11) Tert butyl alcohol	4.78	59	1185	1.16	ug/l #	70
16) Acetone	3.82	43	39852	9.42	ug/l #	89
18) Methyl Acetate	4.33	43	114012	8.84	ug/l	93
20) Methylene Chloride	4.55	84	102235	5.79	ug/l	91
25) 2-Butanone	6.85	43	6661	1.17	ug/l	100
29) Tetrahydrofuran	7.21	42	770	0.21	ug/l #	33
30) Chloroform	7.38	83	30134	1.00	ug/l	99
31) Cyclohexane	7.66	56	25964	0.83	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	93887	4.00	ug/l #	50
38) Carbon Tetrachloride	7.67	117	120220	4.95	ug/l #	17
43) Isopropyl Acetate	8.24	43	582095	23.88	ug/l #	64
44) Trichloroethene	8.84	130	4718	0.25	ug/l	83
47) Bromodichloromethane	9.41	83	9775	0.41	ug/l #	87
49) 1,4-Dioxane	9.21	88	99	0.62	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	4598	0.36	ug/l	88
58) 2-Chloroethyl Vinyl ether	9.65	63	34	14.33	ug/l #	51
65) Chlorobenzene	11.44	112	17618	0.43	ug/l	97
68) m/p-Xylenes	11.62	106	6815	0.26	ug/l	98
71) Bromoform	12.41	173	5329	0.53	ug/l #	1
74) N-amyl acetate	12.04	43	2989	0.31	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.41	83	559	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	315267	41.75	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	8899	0.29	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	315267	131.96	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	28947	0.95	ug/l	92
90) Hexachloroethane	13.88	117	437	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.91	180	310	4.78	ug/l #	1
95) Naphthalene	15.13	128	147134	13.68	ug/l	98

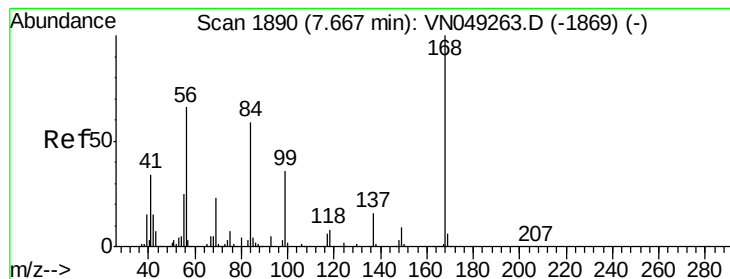
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

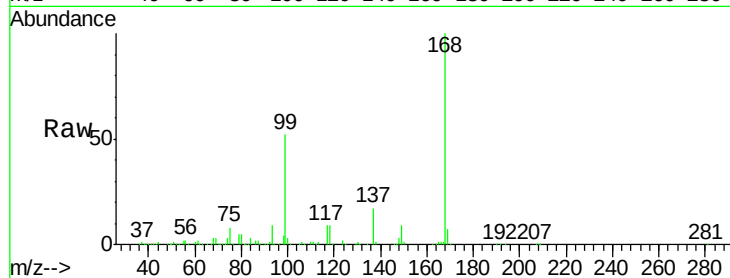
ClientSampled :

Tot Ion:168 Resp: 1313233

Ion Ratio Lower Upper

168 100

99 51.7 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

500000

400000

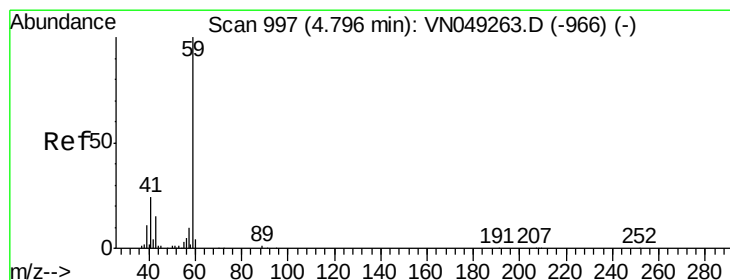
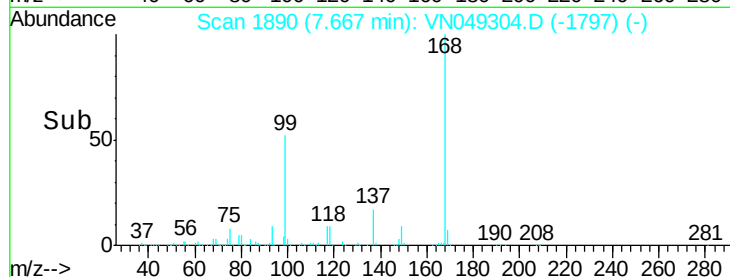
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.16 ug/l

RT: 4.78 min Scan# 993

Delta R.T. -0.01 min

Lab File: VN049304.D

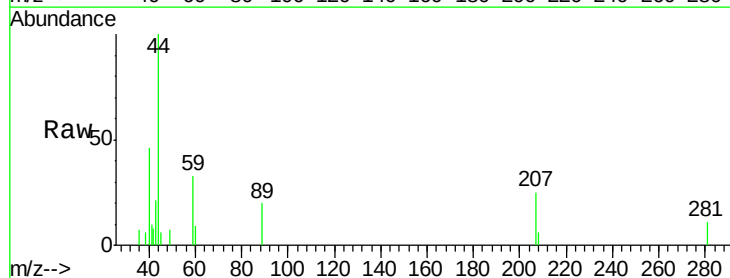
Acq: 16 Jun 2018 11:35

Tgt Ion: 59 Resp: 1185

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.78

1000

800

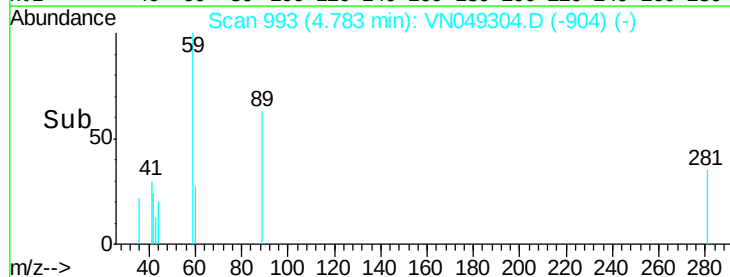
600

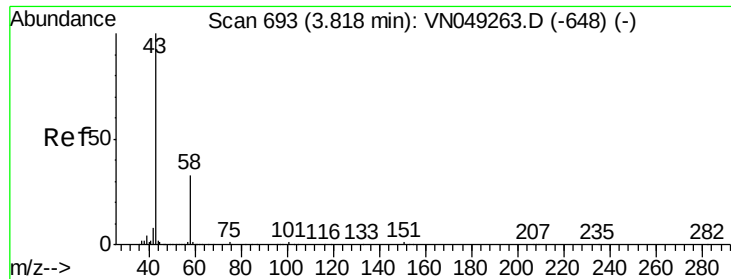
400

200

0

Time-->





#16

Acetone

Concen: 9.42 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

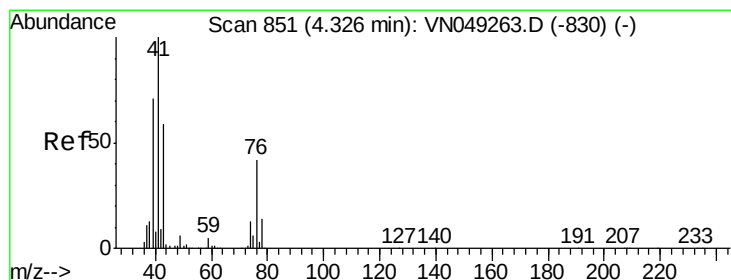
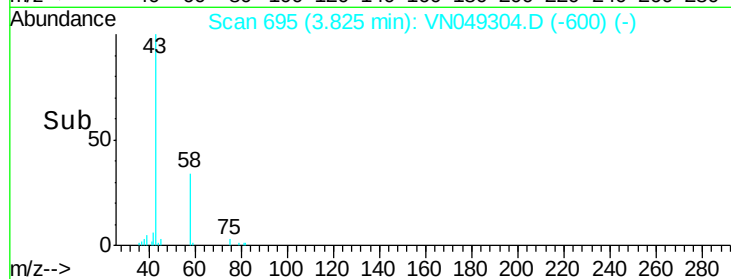
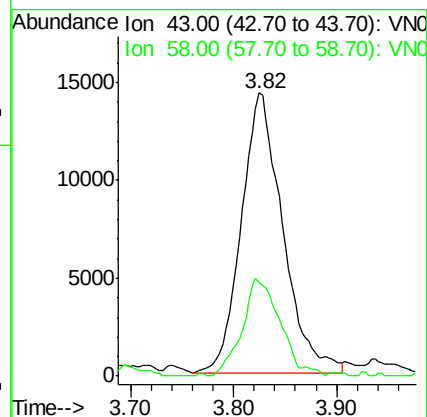
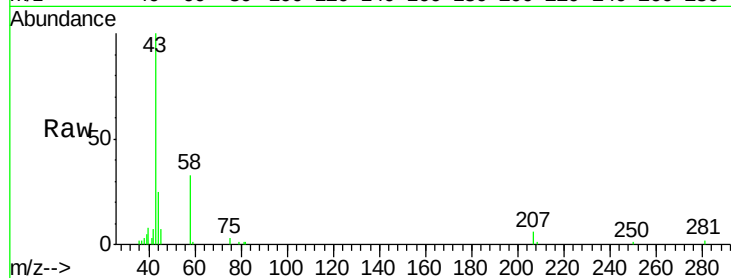
ClientSampleId :

Tot Ion: 43 Resp: 39852

Ion Ratio Lower Upper

43 100

58 33.8 22.4 33.6#



#18

Methyl Acetate

Concen: 8.84 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049304.D

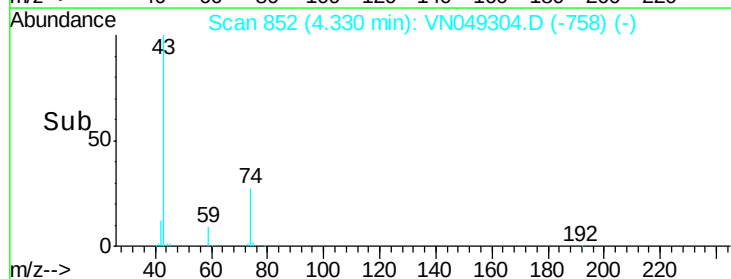
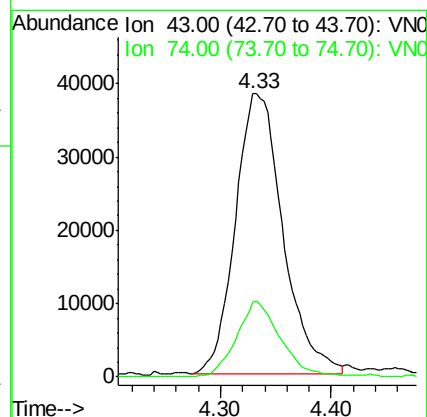
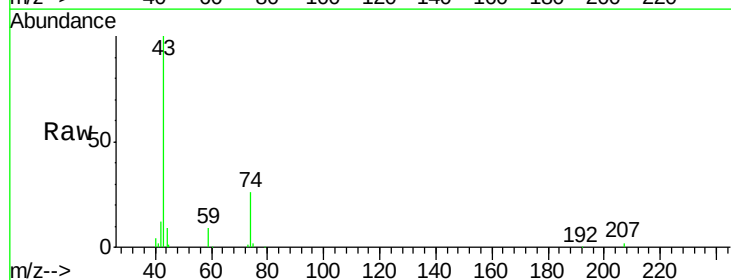
Acq: 16 Jun 2018 11:35

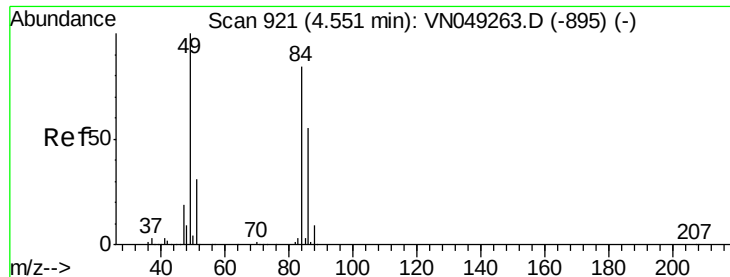
Tgt Ion: 43 Resp: 114012

Ion Ratio Lower Upper

43 100

74 25.0 17.4 26.0

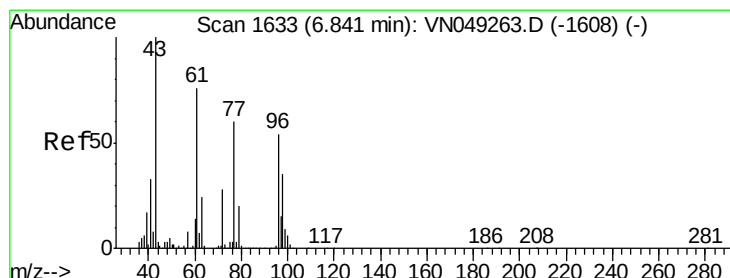
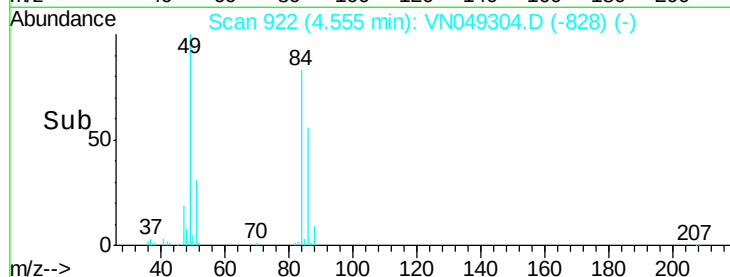
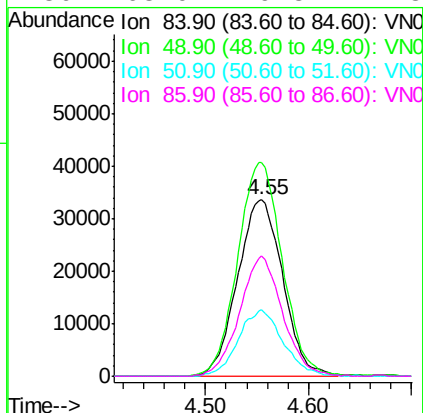
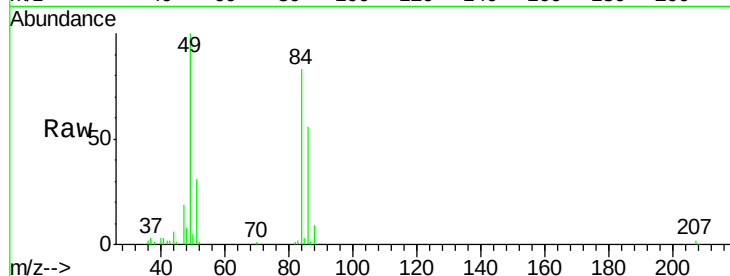




#20
Methylene Chloride
Concen: 5.79 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049304.D
Acq: 16 Jun 2018 11:35

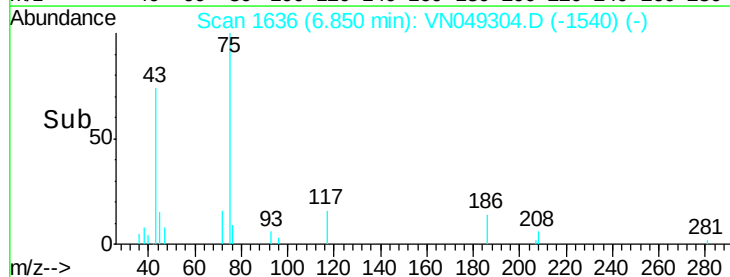
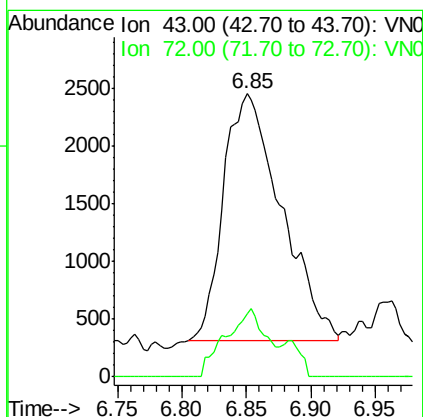
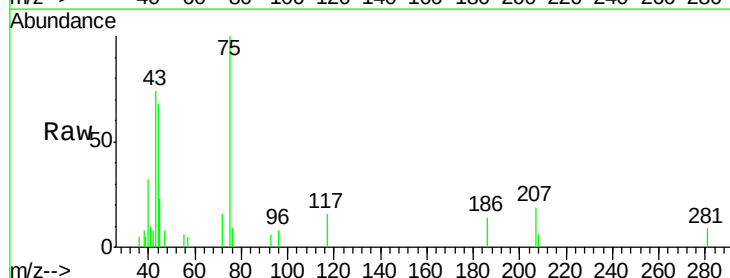
Instrument :
MSVOA_N
ClientSampled :

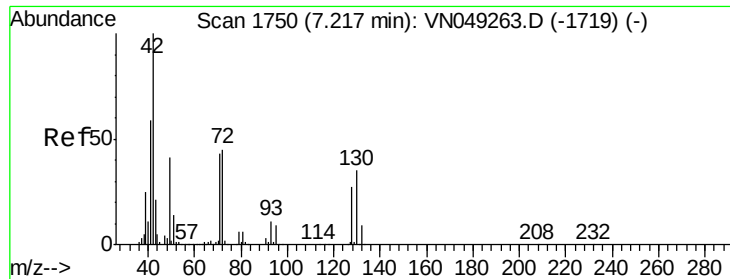
Tot Ion: 84 Resp: 102235
Ion Ratio Lower Upper
84 100
49 121.0 106.9 160.3
51 37.4 32.7 49.1
86 68.0 49.8 74.8



#25
2-Butanone
Concen: 1.17 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049304.D
Acq: 16 Jun 2018 11:35

Tgt Ion: 43 Resp: 6661
Ion Ratio Lower Upper
43 100
72 25.4 20.2 30.2

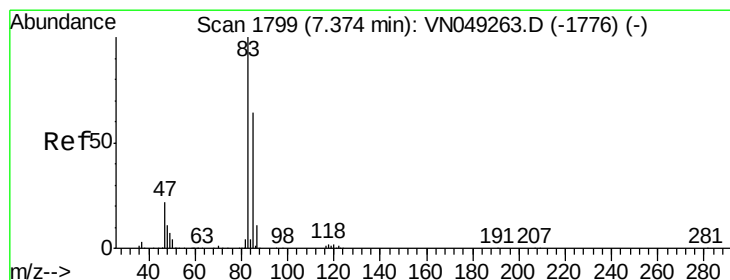
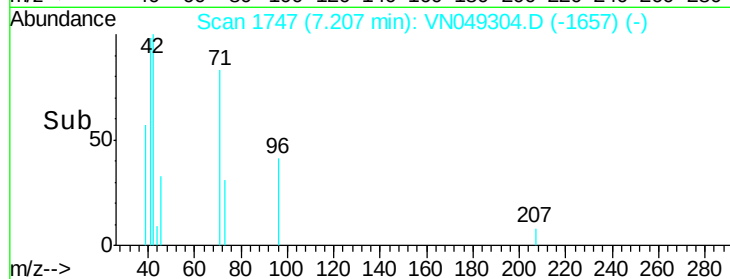
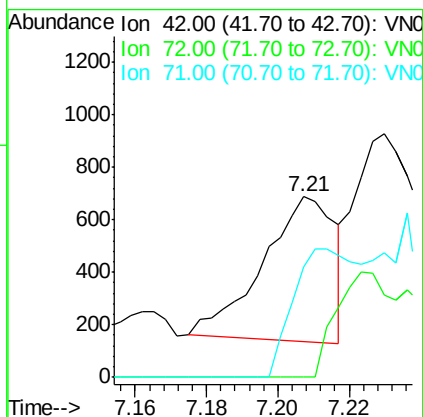
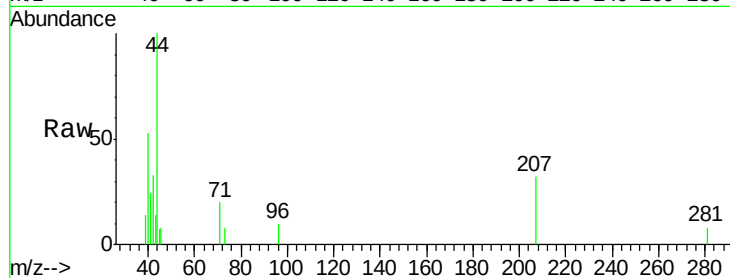




#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 7.21 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VN049304.D
Acq: 16 Jun 2018 11:35

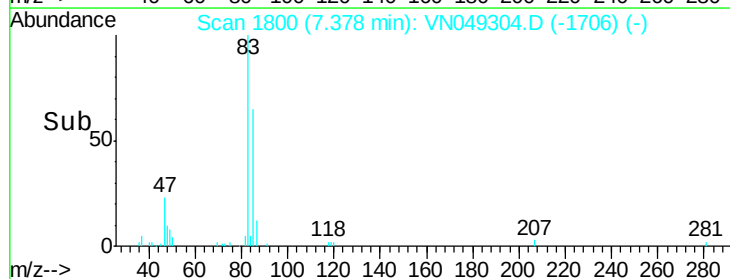
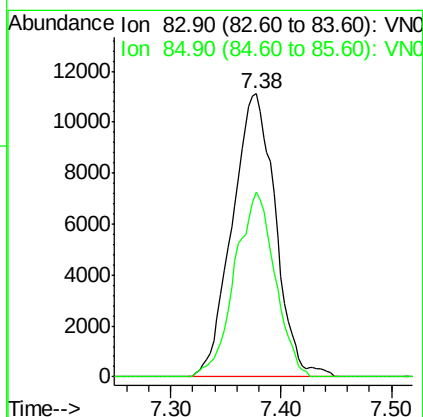
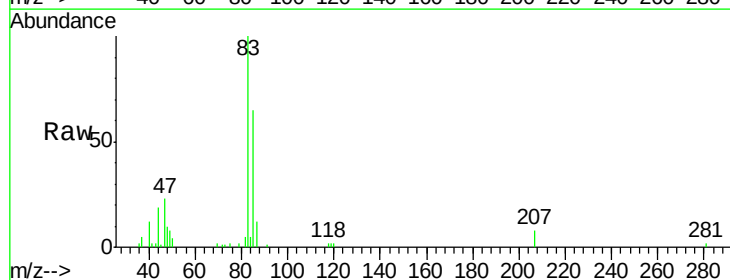
Instrument :
MSVOA_N
ClientSampled :

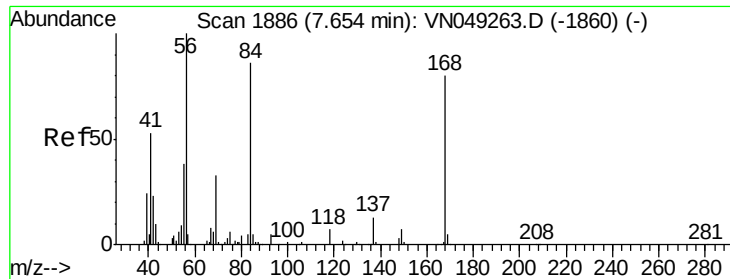
Tot Ion: 42 Resp: 770
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 79.4 30.5 45.7#



#30
Chloroform
Concen: 1.00 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049304.D
Acq: 16 Jun 2018 11:35

Tgt Ion: 83 Resp: 30134
Ion Ratio Lower Upper
83 100
85 65.1 51.7 77.5

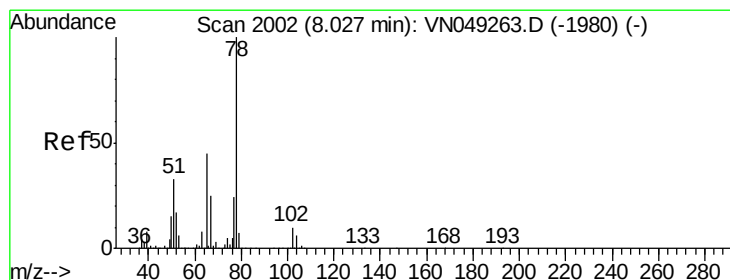
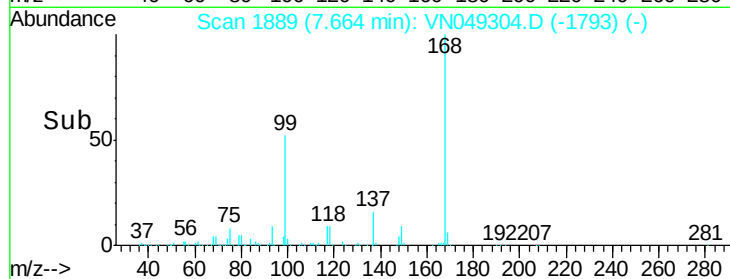
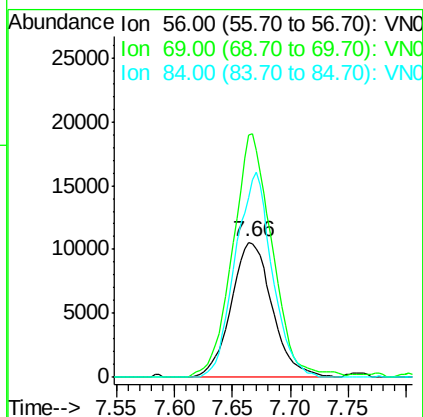
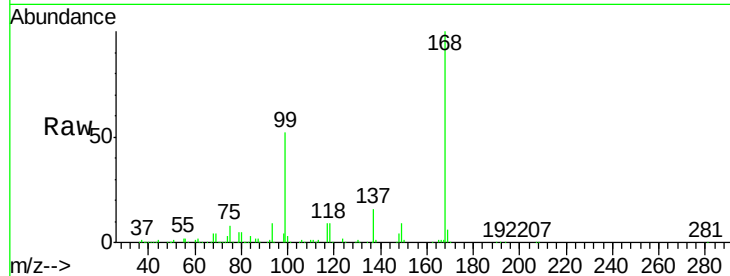




#31
Cyclohexane
Concen: 0.83 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049304.D
Acq: 16 Jun 2018 11:35

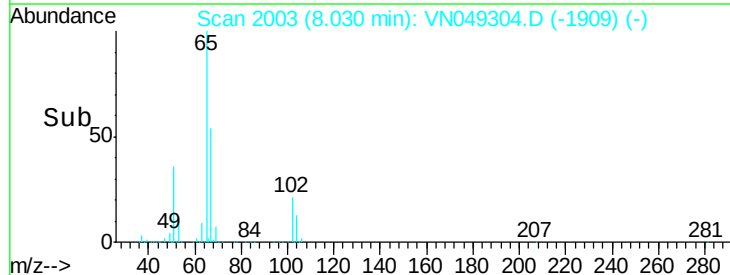
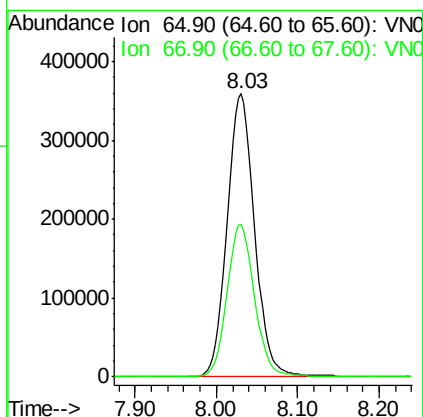
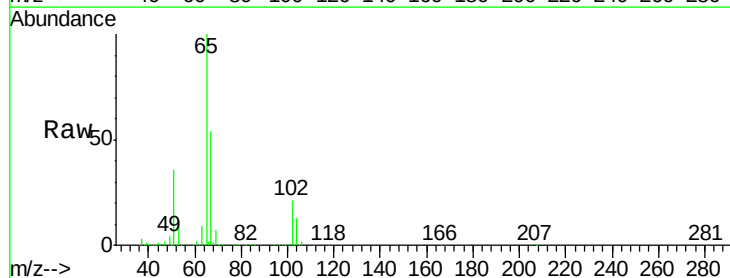
Instrument :
MSVOA_N
ClientSampleId :

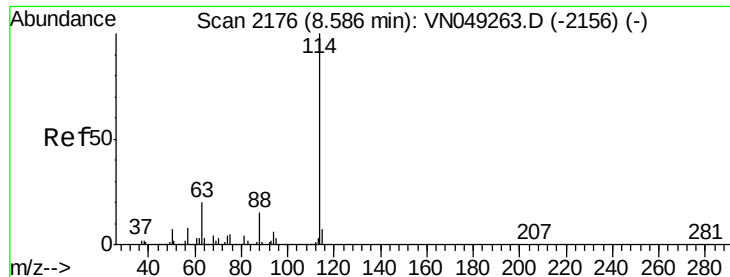
Tot Ion: 56 Resp: 25964
Ion Ratio Lower Upper
56 100
69 179.0 25.0 37.4#
84 132.4 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 48.89 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049304.D
Acq: 16 Jun 2018 11:35

Tgt Ion: 65 Resp: 851636
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

ClientSampleId :

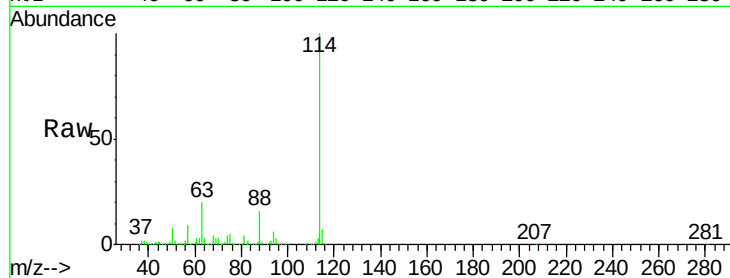
Tot Ion:114 Resp: 2047527

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

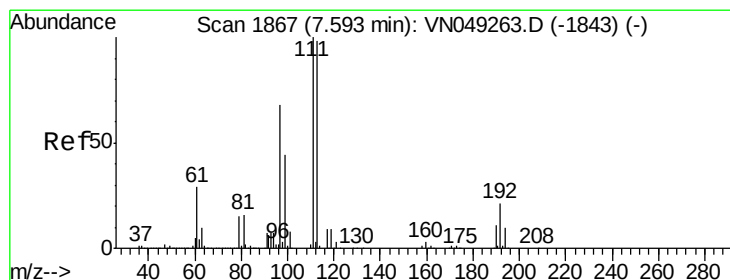
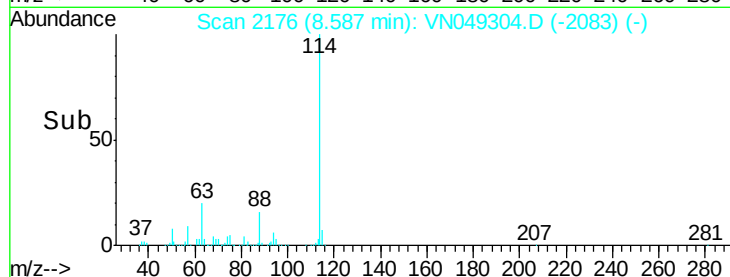
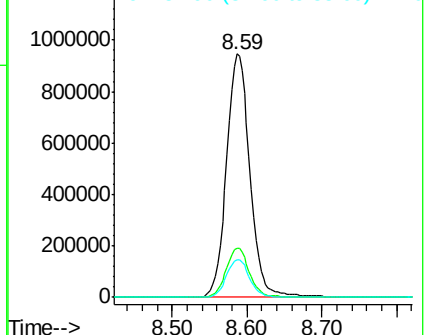
88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.62 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

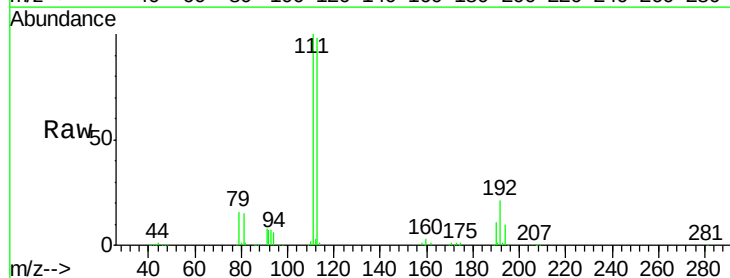
Tgt Ion:113 Resp: 755765

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

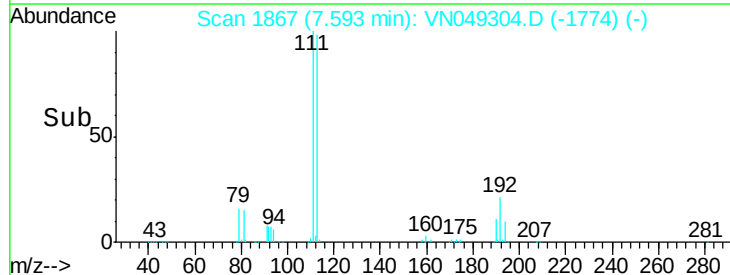
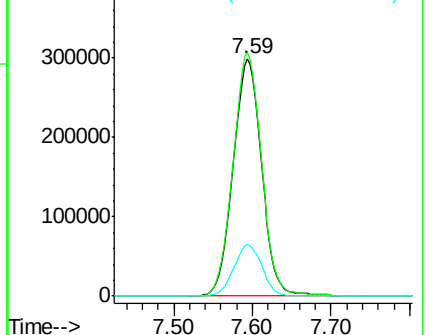
192 21.6 15.0 22.6

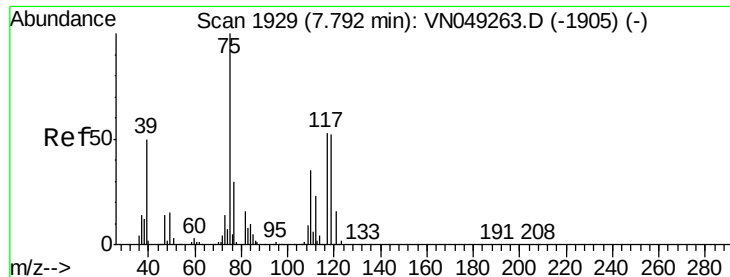


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.00 ug/l

RT: 7.67 min Scan# 1890

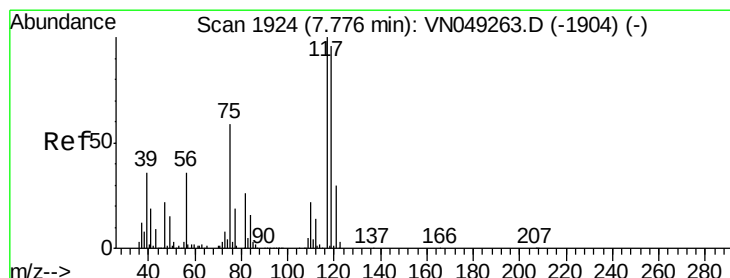
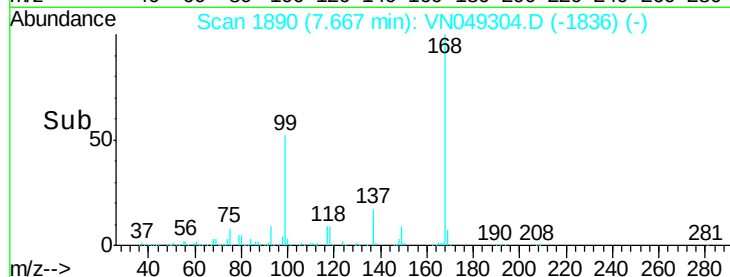
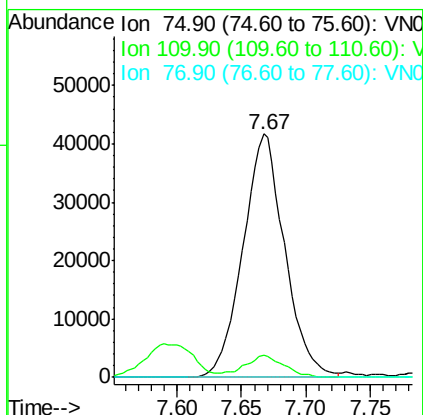
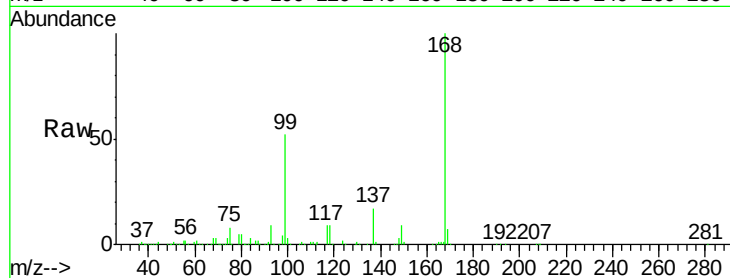
Delta R.T. -0.13 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	75	Resp:	93887
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.0	50.9#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.95 ug/l

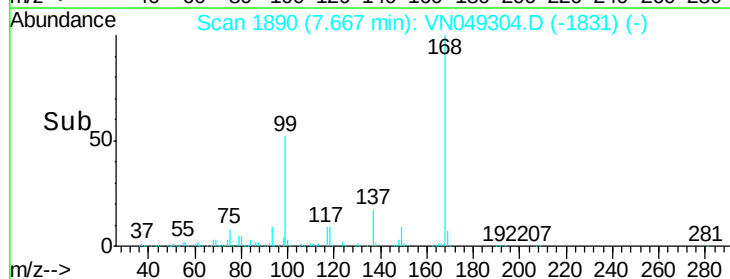
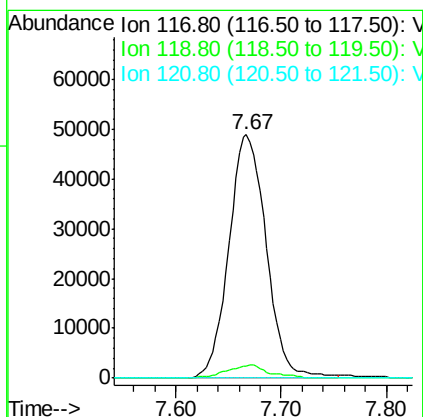
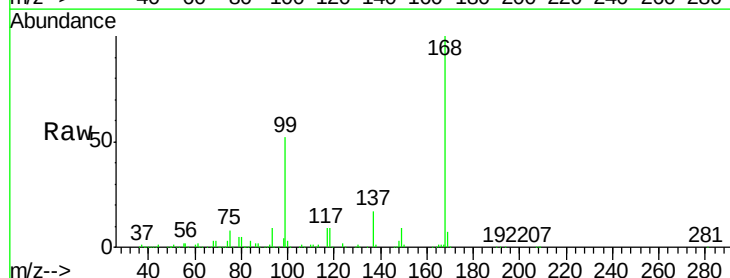
RT: 7.67 min Scan# 1890

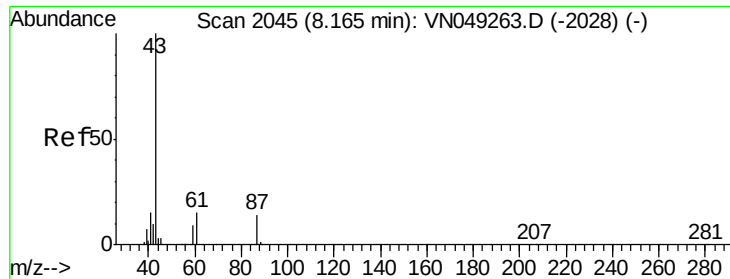
Delta R.T. -0.11 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Tgt Ion:	117	Resp:	120220
Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.6	113.4#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 23.88 ug/l

RT: 8.24 min Scan# 2068

Delta R.T. 0.07 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

ClientSampled :

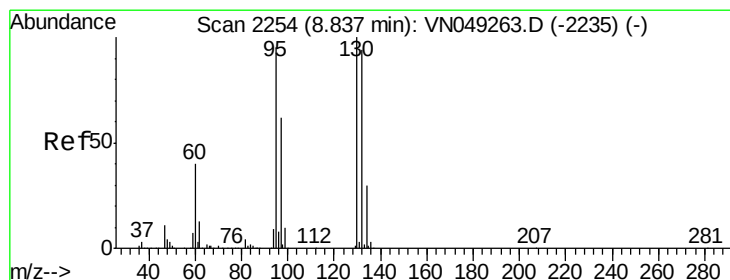
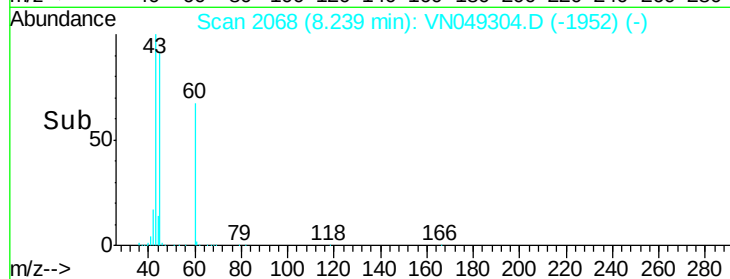
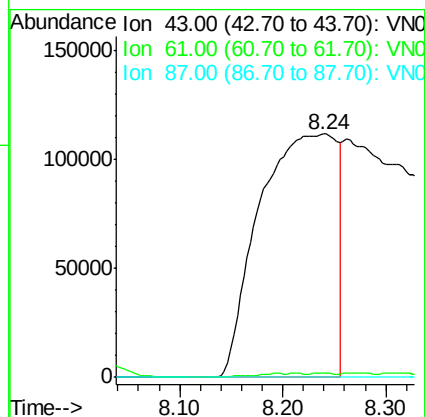
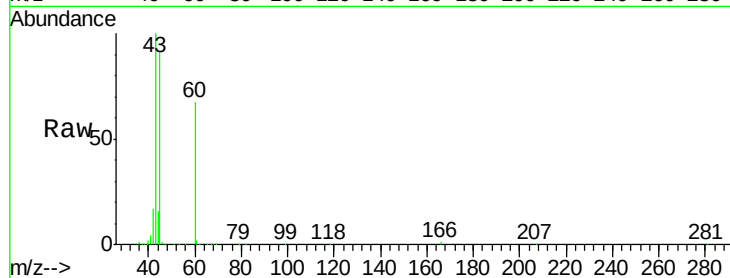
Tot Ion: 43 Resp: 582095

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.4 14.0#



#44

Trichloroethene

Concen: 0.25 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049304.D

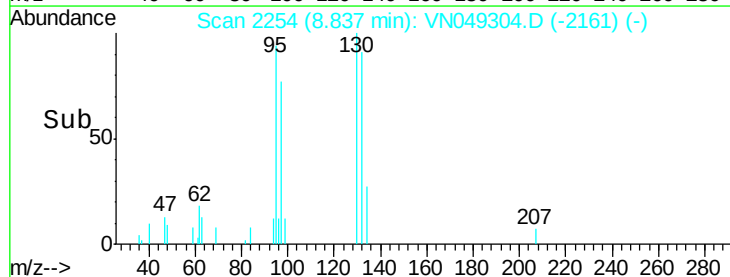
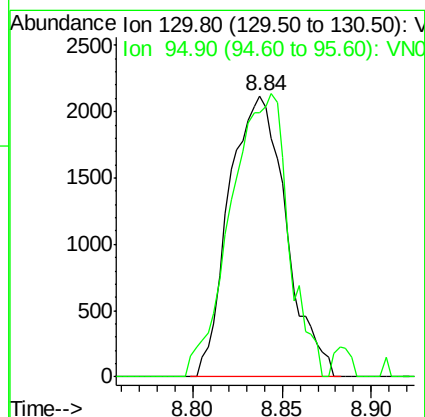
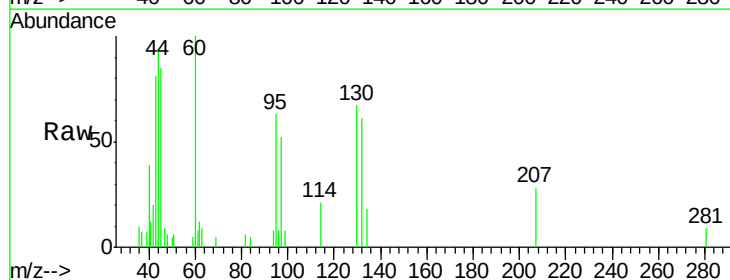
Acq: 16 Jun 2018 11:35

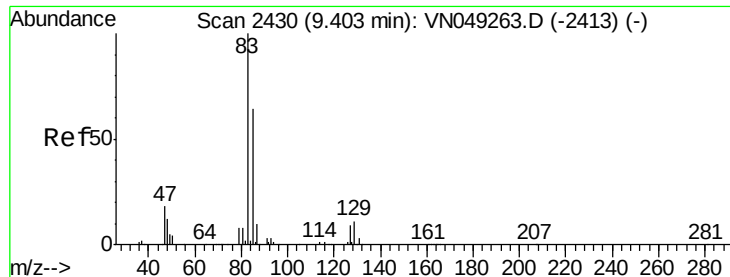
Tgt Ion:130 Resp: 4718

Ion Ratio Lower Upper

130 100

95 86.5 0.0 208.6





#47

Bromodichloromethane

Concen: 0.41 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

ClientSampled :

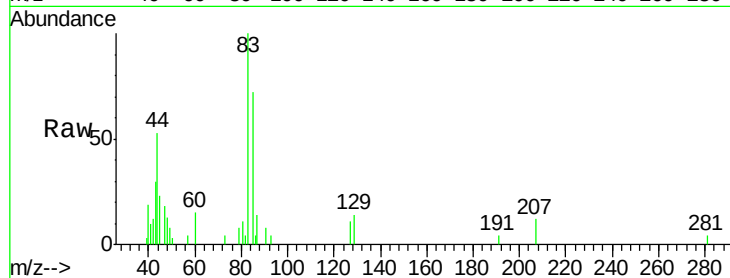
Tot Ion: 83 Resp: 9775

Ion Ratio Lower Upper

83 100

85 72.2 49.4 74.0

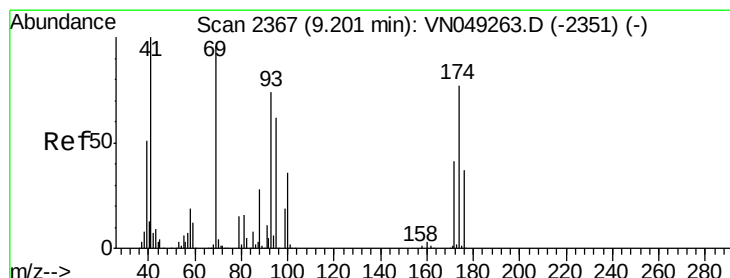
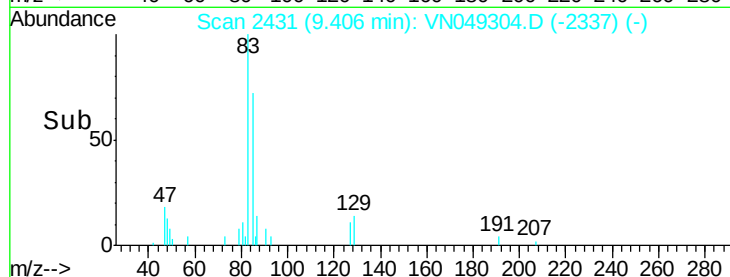
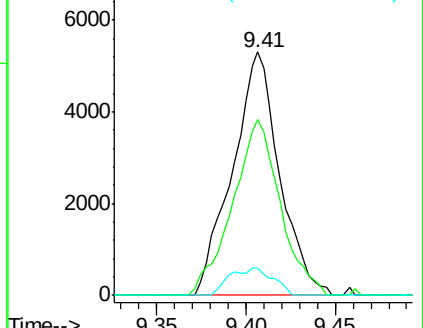
127 11.1 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VN049304.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049304.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049304.D (-2337) (-)



#49

1,4-Dioxane

Concen: 0.62 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.01 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

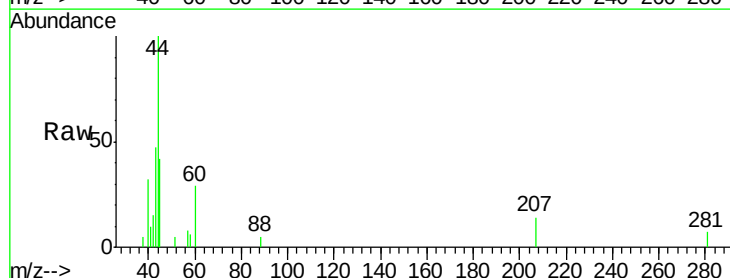
Tgt Ion: 88 Resp: 99

Ion Ratio Lower Upper

88 100

43 0.0 30.9 46.3#

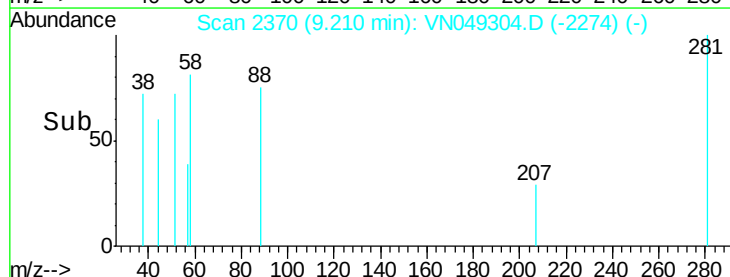
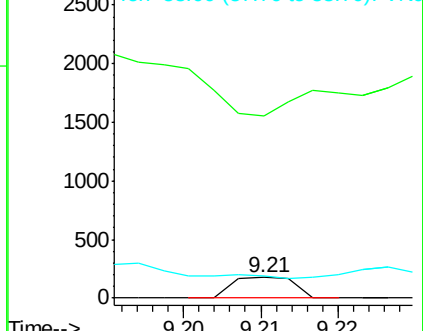
58 0.0 58.9 88.3#

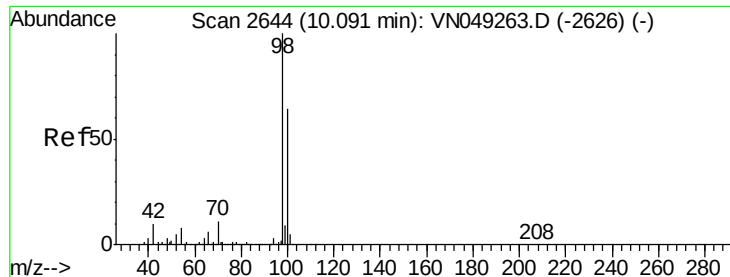


Abundance Ion 88.00 (87.70 to 88.70): VN049304.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049304.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049304.D (-2274) (-)





#50

Toluene-d8

Concen: 44.49 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

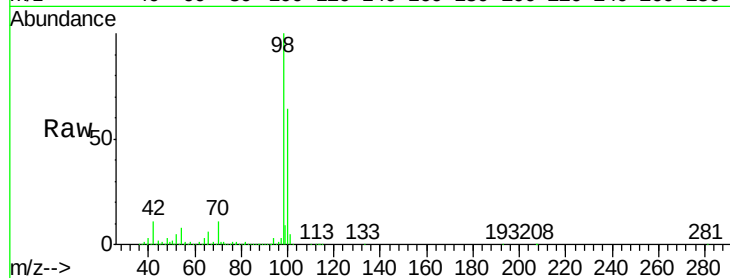
ClientSampled :

Tot Ion: 98 Resp: 2806451

Ion Ratio Lower Upper

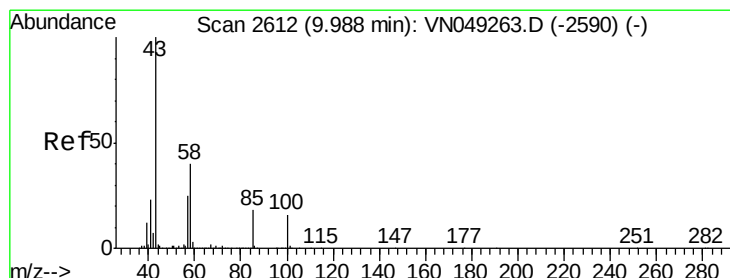
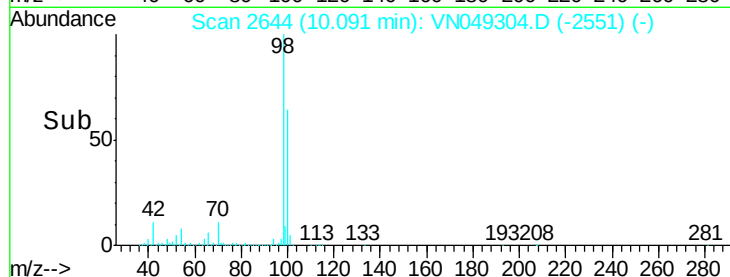
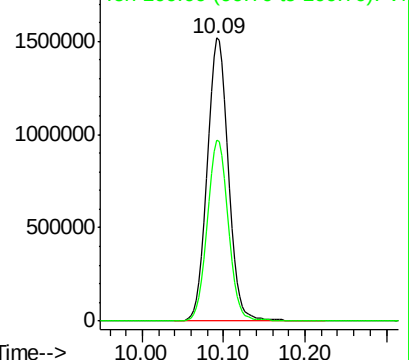
98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.36 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049304.D

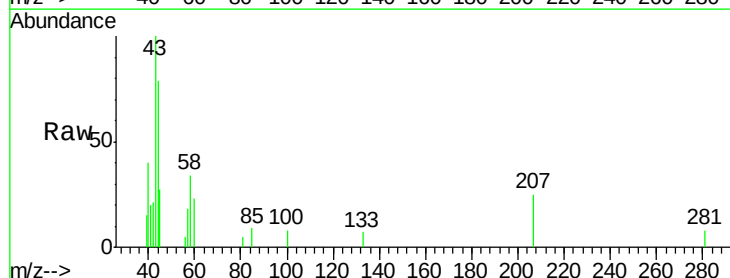
Acq: 16 Jun 2018 11:35

Tgt Ion: 43 Resp: 4598

Ion Ratio Lower Upper

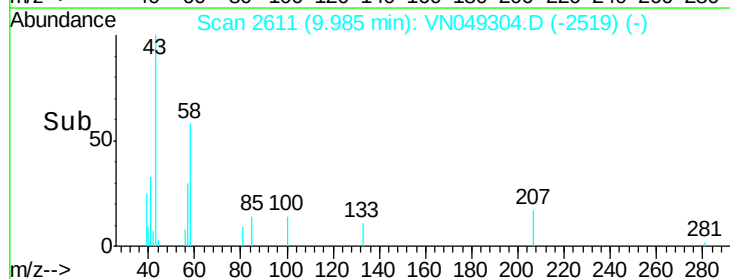
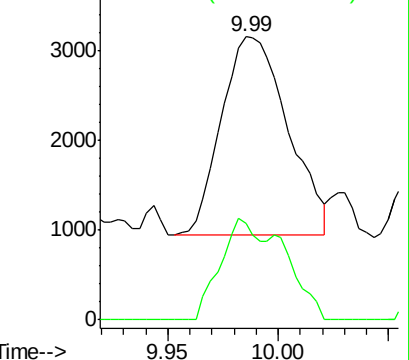
43 100

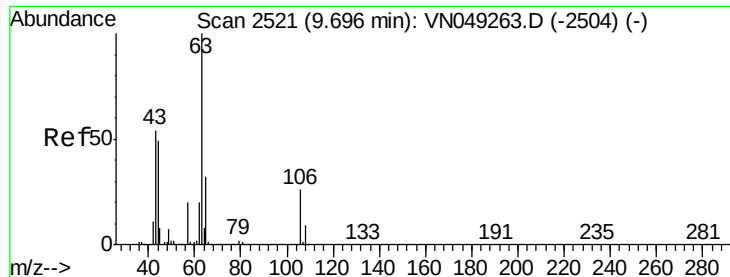
58 29.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

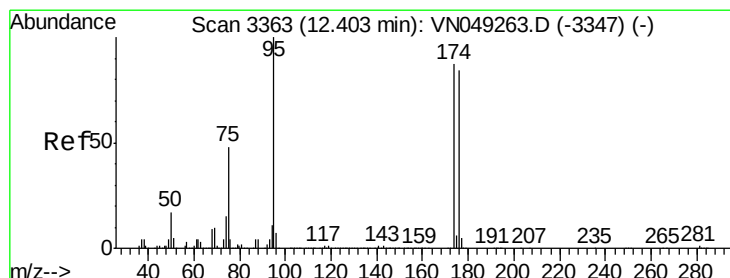
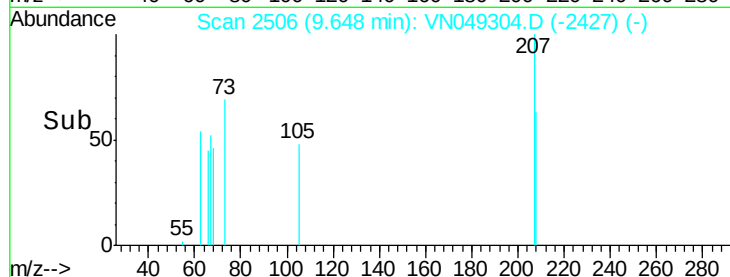
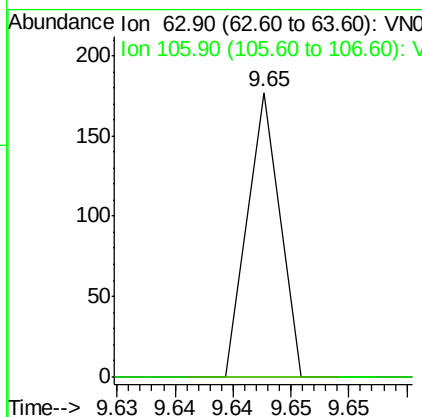
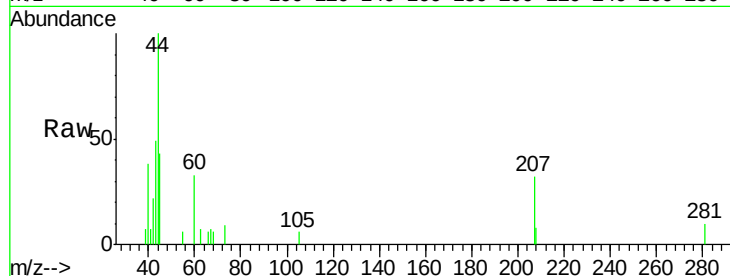




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.33 ug/l
 RT: 9.65 min Scan# 2506
 Delta R.T. -0.05 min
 Lab File: VN049304.D
 Acq: 16 Jun 2018 11:35

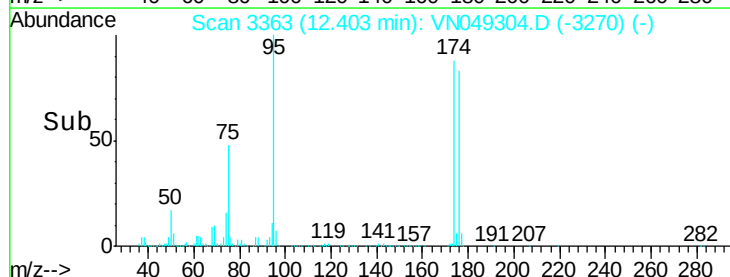
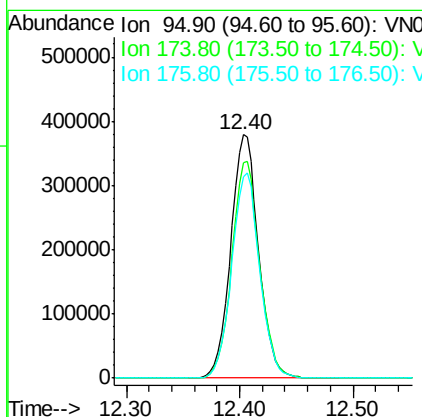
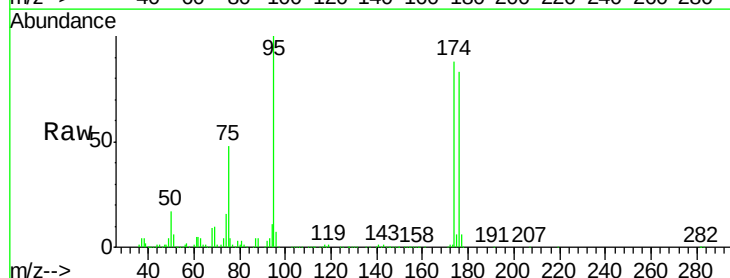
Instrument :
 MSVOA_N
 ClientSampleId :

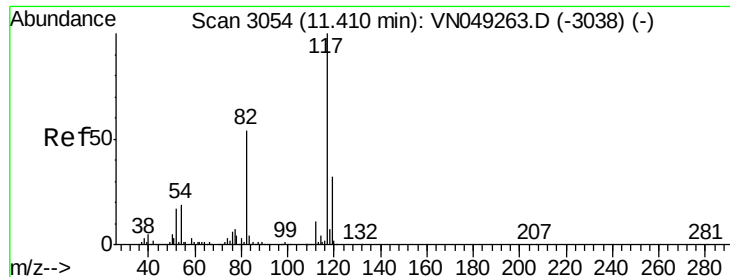
Tot Ion: 63 Resp: 34
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.2#



#62
 4-Bromofluorobenzene
 Concen: 30.94 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049304.D
 Acq: 16 Jun 2018 11:35

Tgt Ion: 95 Resp: 645344
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 165.6
 176 85.0 0.0 157.4

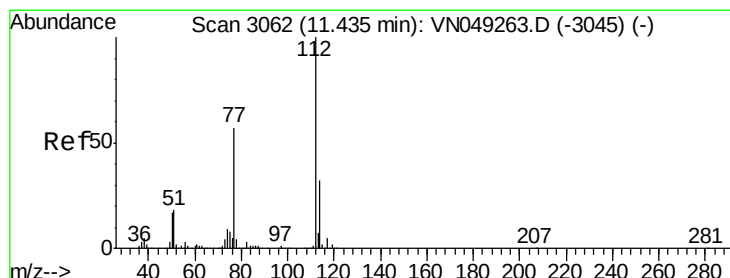
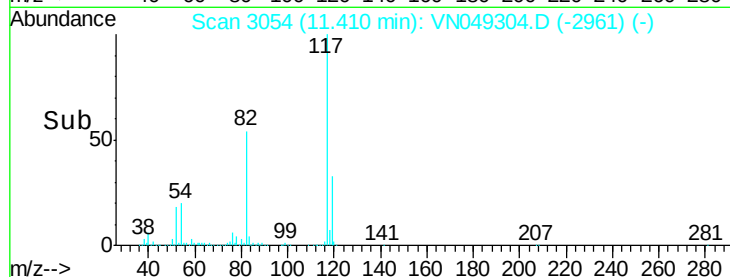
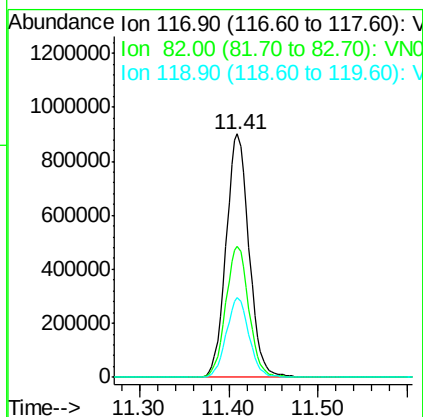
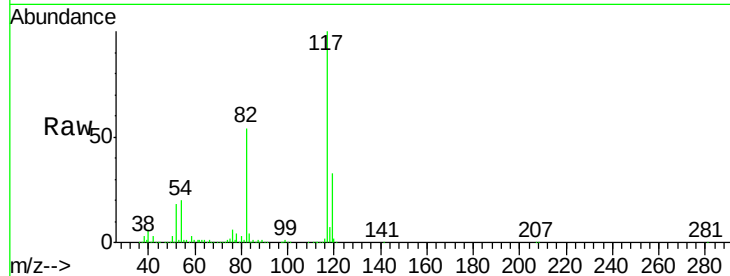




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049304.D
Acq: 16 Jun 2018 11:35

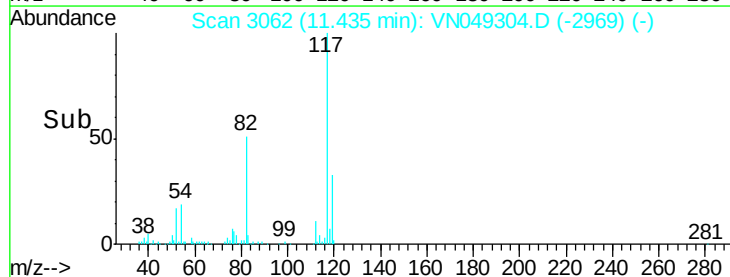
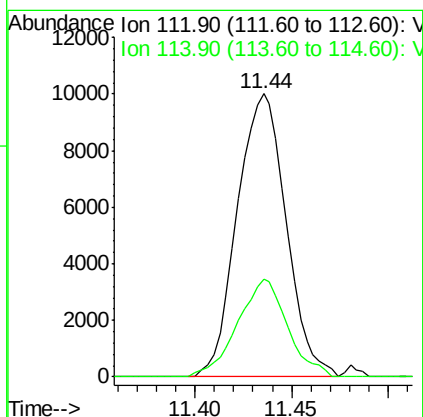
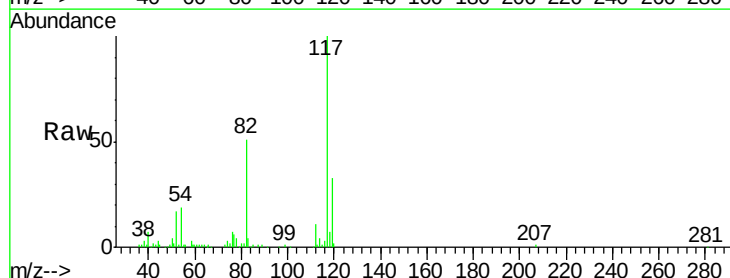
Instrument :
MSVOA_N
ClientSampled :

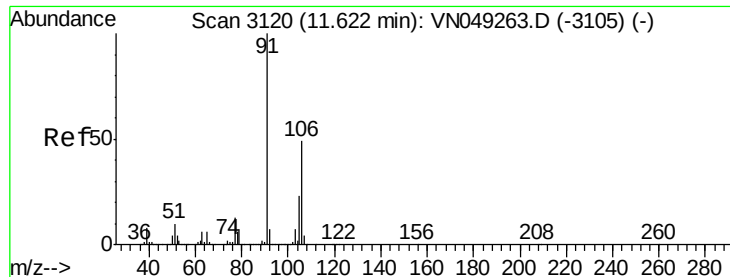
Tot Ion:117 Resp: 1603755
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.6 25.5 38.3



#65
Chlorobenzene
Concen: 0.43 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049304.D
Acq: 16 Jun 2018 11:35

Tgt Ion:112 Resp: 17618
Ion Ratio Lower Upper
112 100
114 34.6 26.2 39.4

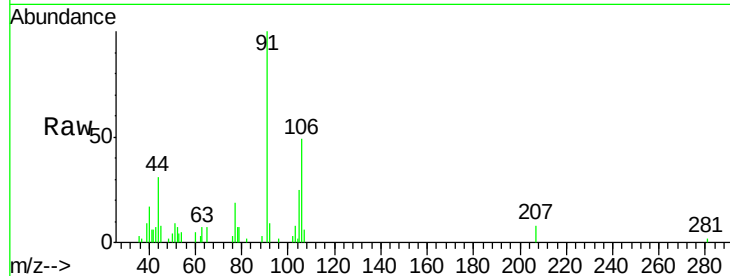




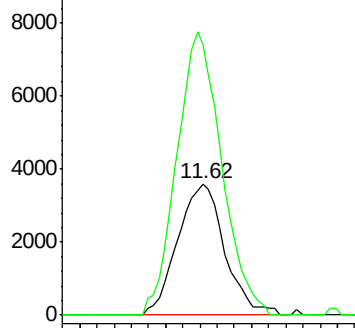
#68
m/p-Xylenes
Concen: 0.26 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049304.D
Acq: 16 Jun 2018 11:35

Instrument :
MSVOA_N
ClientSampleId :

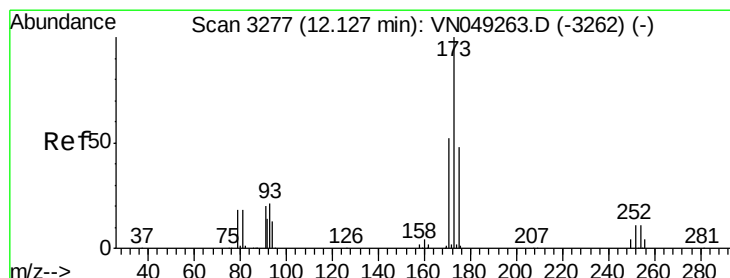
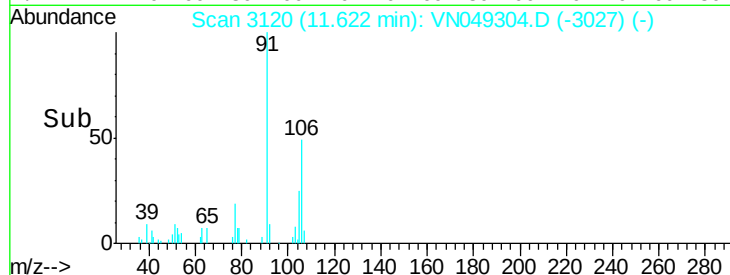
Tot Ion:106 Resp: 6815
Ion Ratio Lower Upper
106 100
91 206.1 167.3 250.9



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

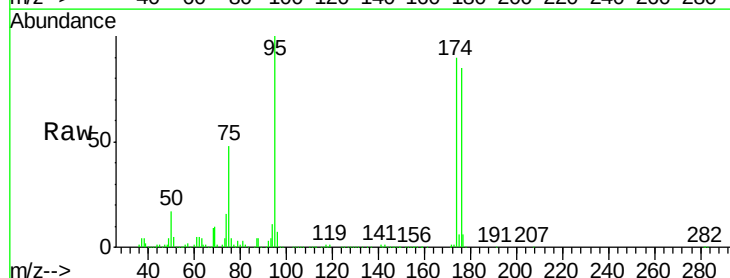


Time--> 11.55 11.60 11.65

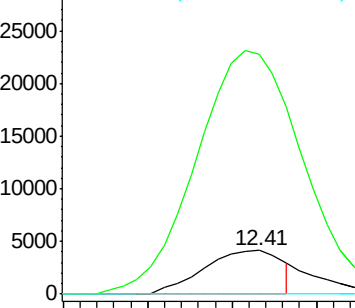


#71
Bromoform
Concen: 0.53 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049304.D
Acq: 16 Jun 2018 11:35

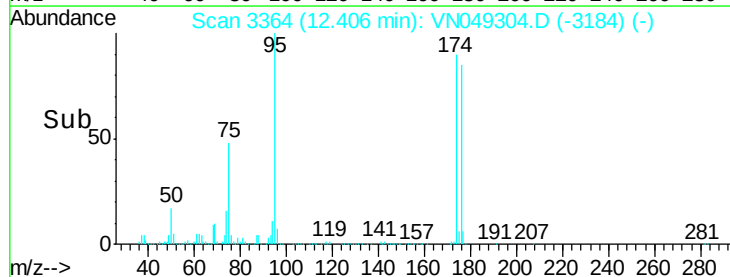
Tgt Ion:173 Resp: 5329
Ion Ratio Lower Upper
173 100
175 613.8 24.5 73.5#
254 0.0 0.1 0.1#

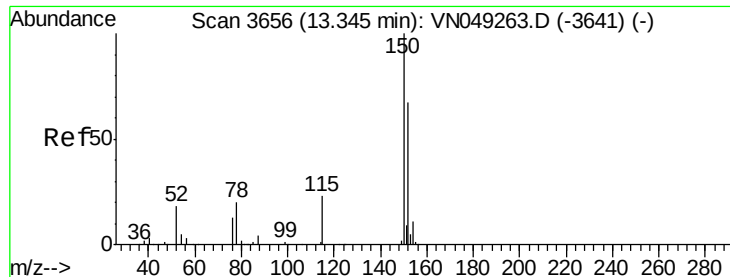


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



Time--> 12.36 12.38 12.40 12.42





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

ClientSampleId :

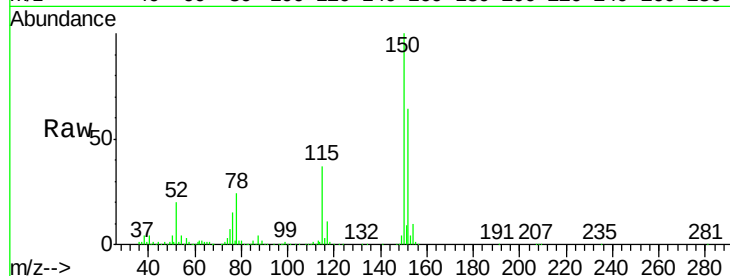
Tot Ion:152 Resp: 442547

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.1

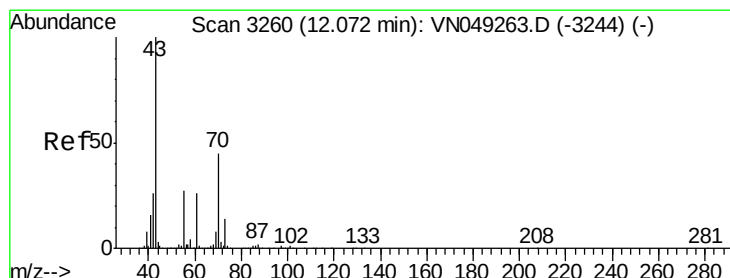
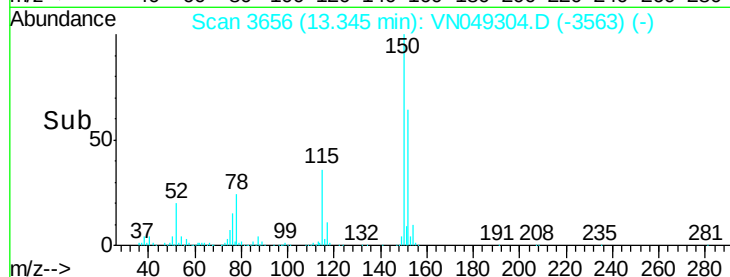
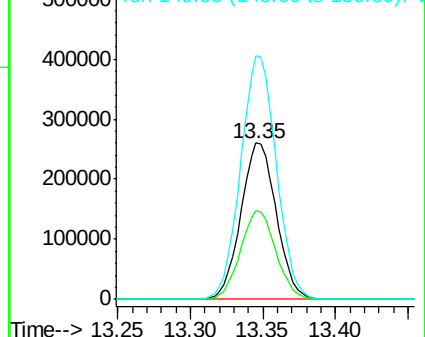
150 156.5 0.0 351.0



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



#74

N-ethyl acetate

Concen: 0.31 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Tgt Ion: 43 Resp: 2989

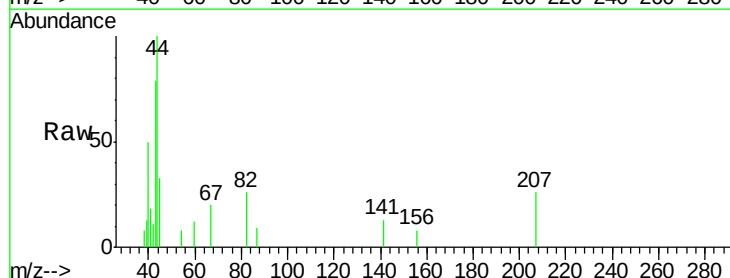
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 2.1 19.4 29.2#

61 0.0 17.8 26.6#

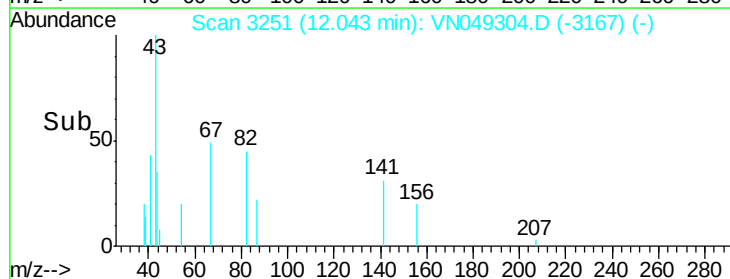
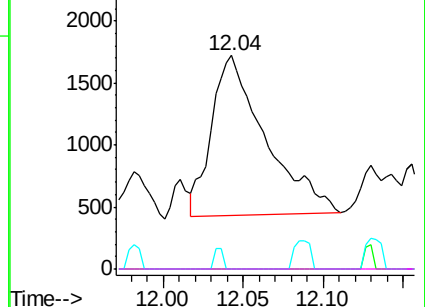


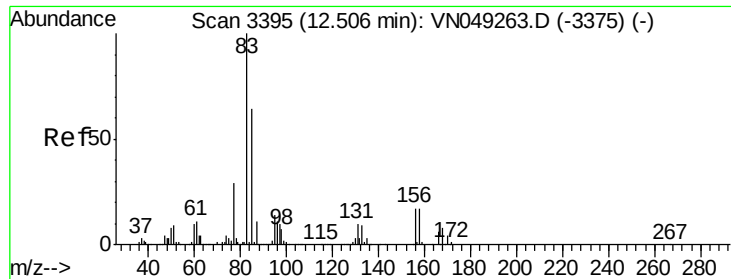
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

ClientSampled :

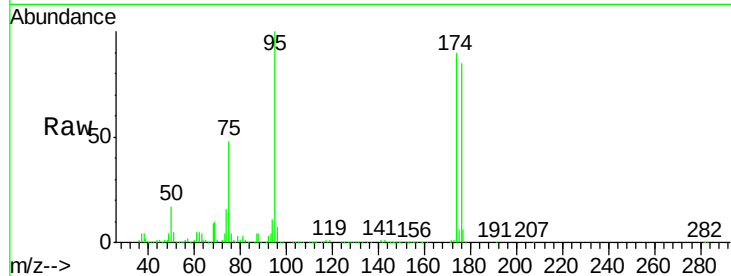
Tot Ion: 83 Resp: 559

Ion Ratio Lower Upper

83 100

131 173.7 5.0 15.0#

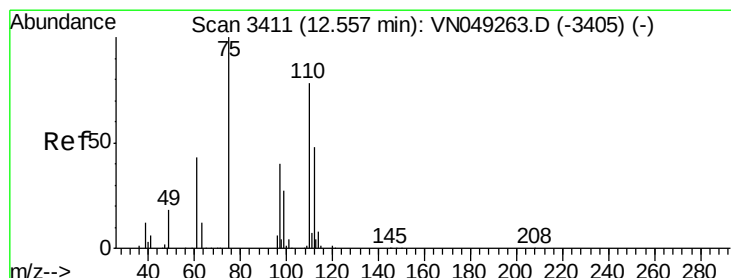
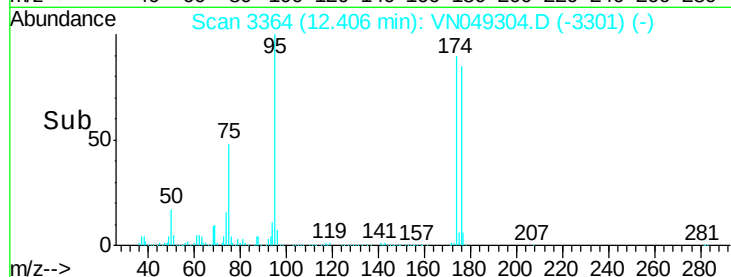
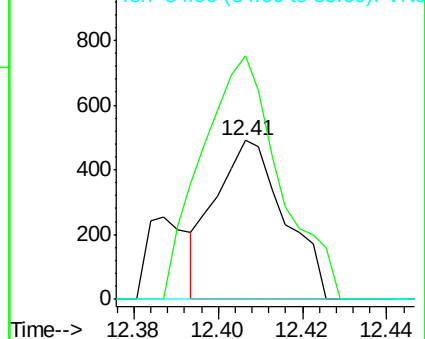
85 0.0 32.0 96.0#



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: 41.75 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049304.D

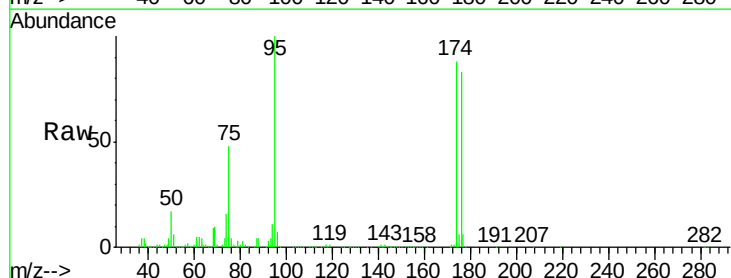
Acq: 16 Jun 2018 11:35

Tgt Ion: 75 Resp: 315267

Ion Ratio Lower Upper

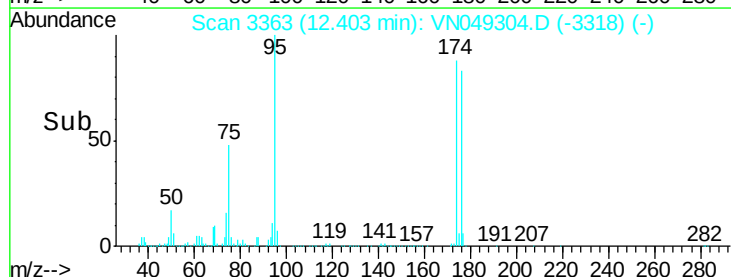
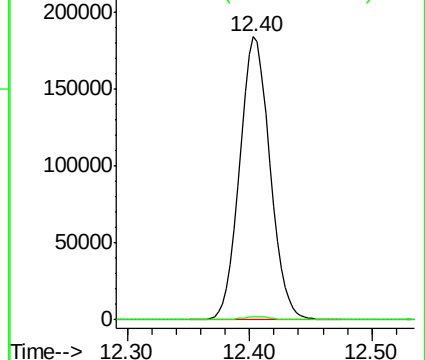
75 100

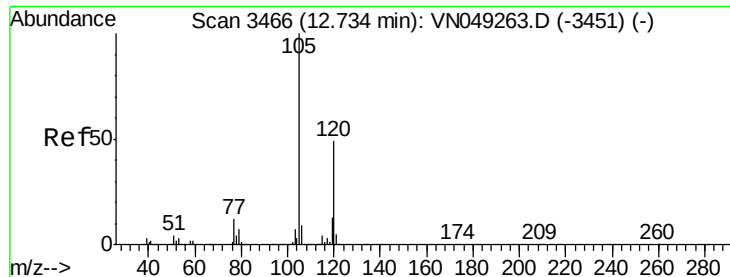
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#80

1,3,5-Trimethylbenzene

Concen: 0.29 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

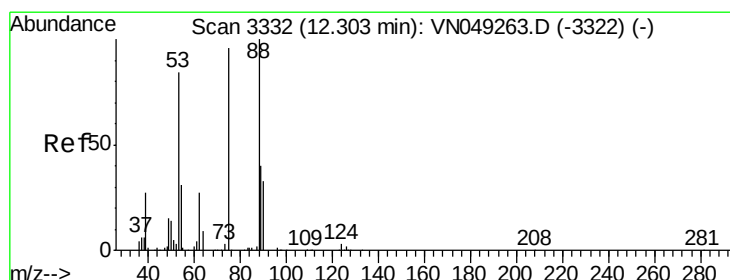
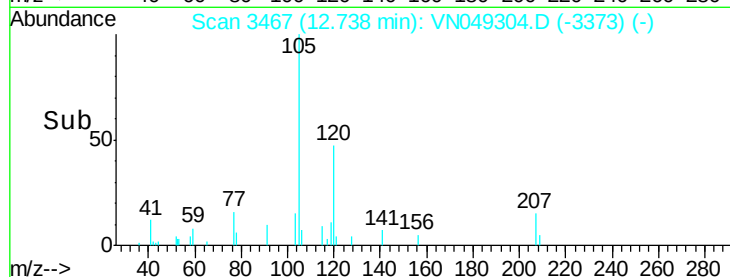
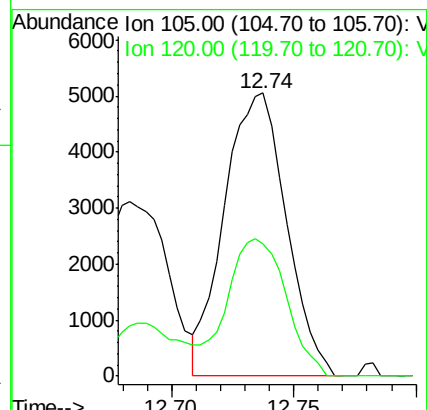
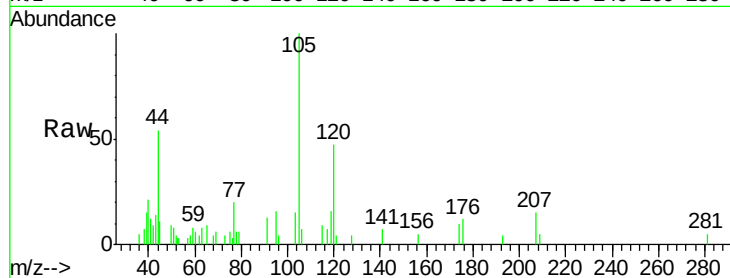
ClientSampled :

Tot Ion:105 Resp: 8899

Ion Ratio Lower Upper

105 100

120 45.8 23.5 70.5



#81

trans-1,4-Dichloro-2-butene

Concen: 131.96 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

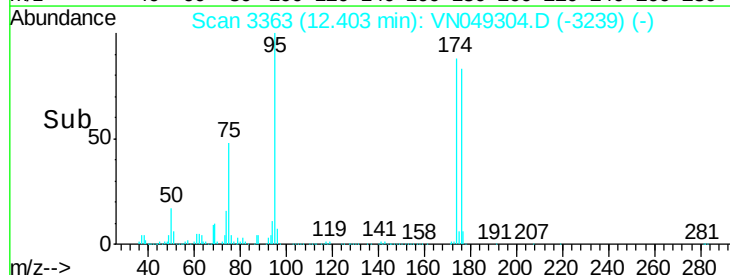
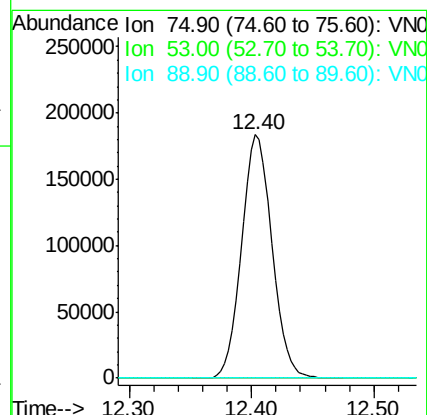
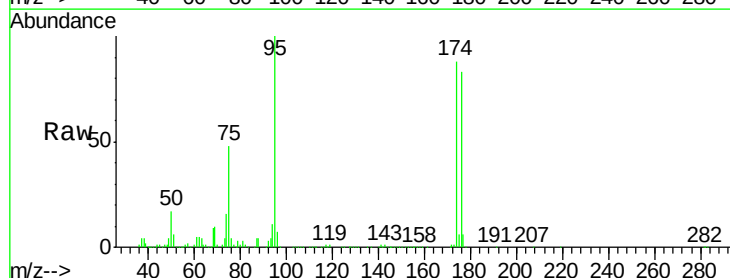
Tgt Ion: 75 Resp: 315267

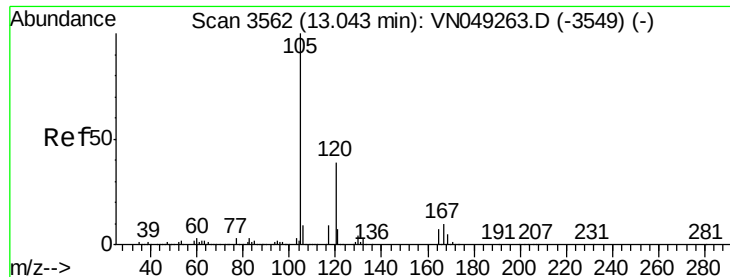
Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

89 0.1 36.5 54.7#





#84

1,2,4-Trimethylbenzene

Concen: 0.95 ua/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

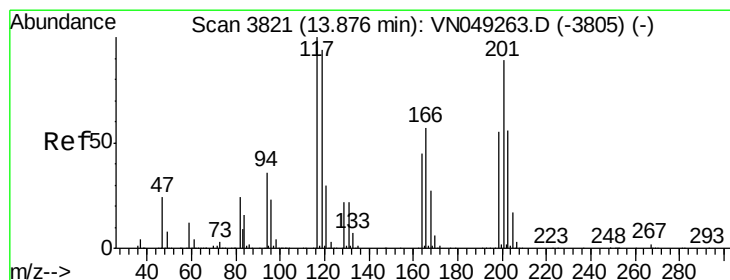
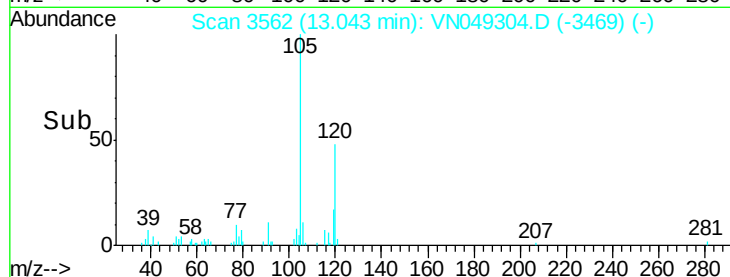
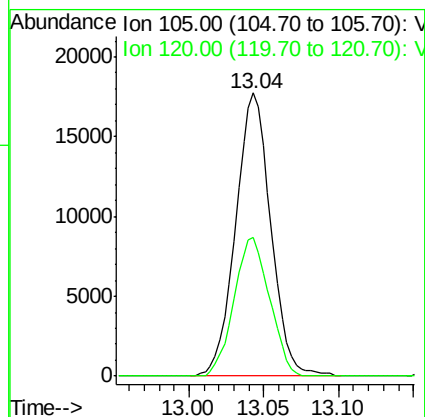
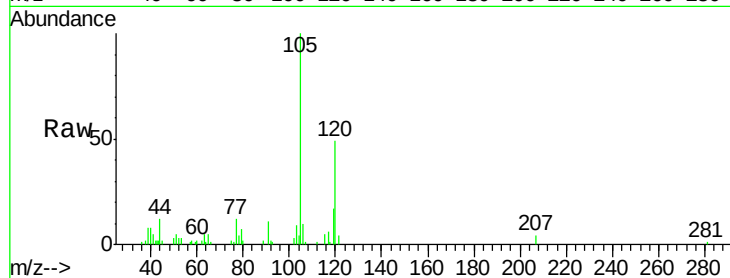
ClientSampled :

Tot Ion:105 Resp: 28947

Ion Ratio Lower Upper

105 100

120 49.4 22.2 66.6



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3823

Delta R.T. 0.01 min

Lab File: VN049304.D

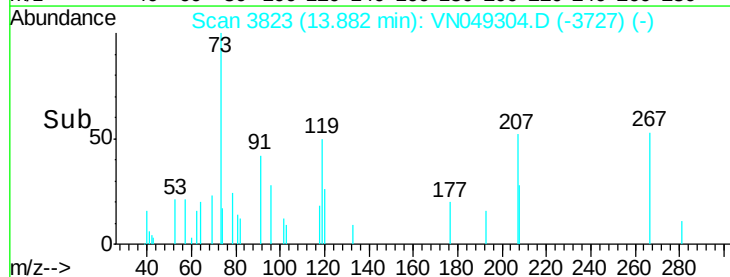
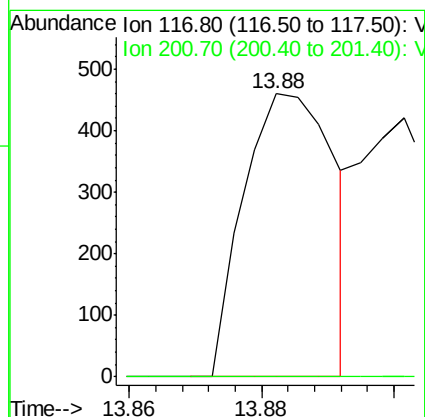
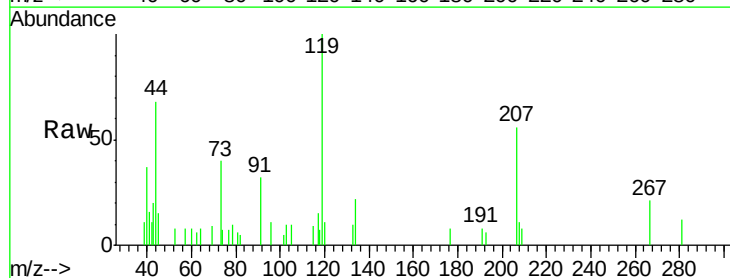
Acq: 16 Jun 2018 11:35

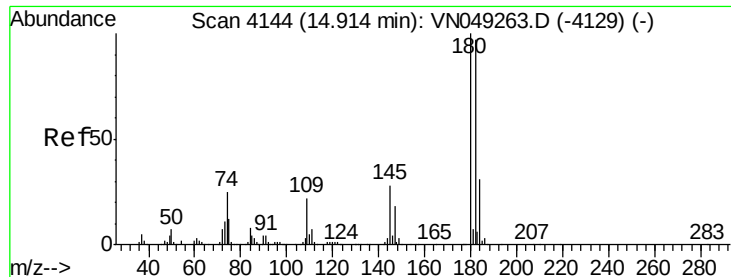
Tgt Ion:117 Resp: 437

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#





#93

1,2,4-Trichlorobenzene

Concen: 4.78 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

Instrument :

MSVOA_N

ClientSampled :

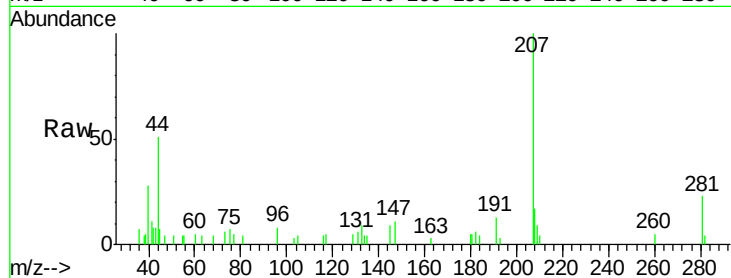
Tot Ion:180 Resp: 310

Ion Ratio Lower Upper

180 100

182 137.1 46.9 140.8

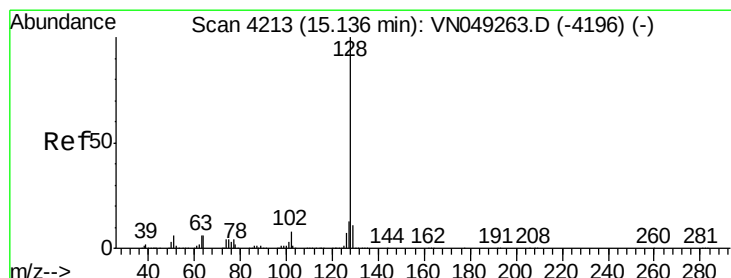
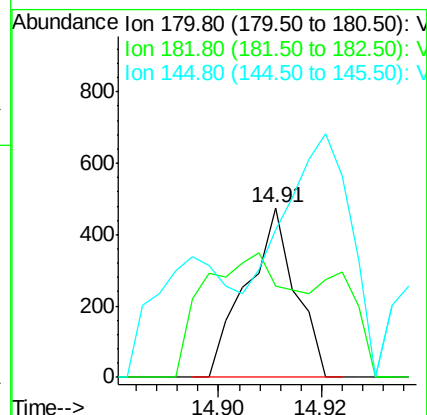
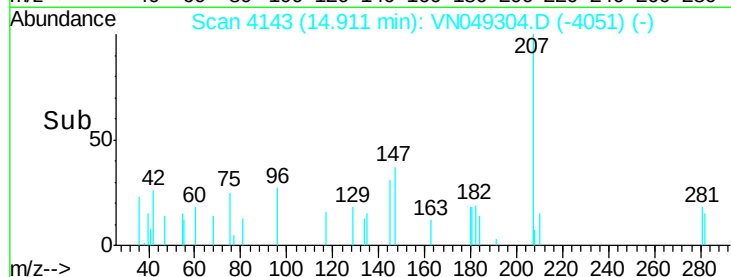
145 211.9 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 13.68 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN049304.D

Acq: 16 Jun 2018 11:35

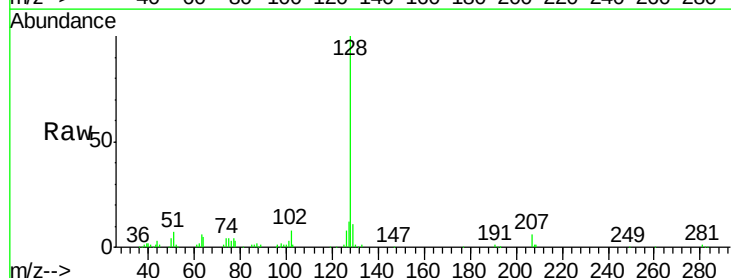
Tgt Ion:128 Resp: 147134

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

