

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049313.D
 Acq On : 16 Jun 2018 16:54
 Operator : MD\SY
 Sample : J3562-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 03:19:10 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	7.66	168	1467174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2279303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1895331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	533195	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	965035	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
35) Dibromofluoromethane	7.59	113	865223	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
50) Toluene-d8	10.09	98	3197913	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
62) 4-Bromofluorobenzene	12.40	95	811953	34.97	ug/l	0.00
Spiked Amount			Recovery	=	69.94%	

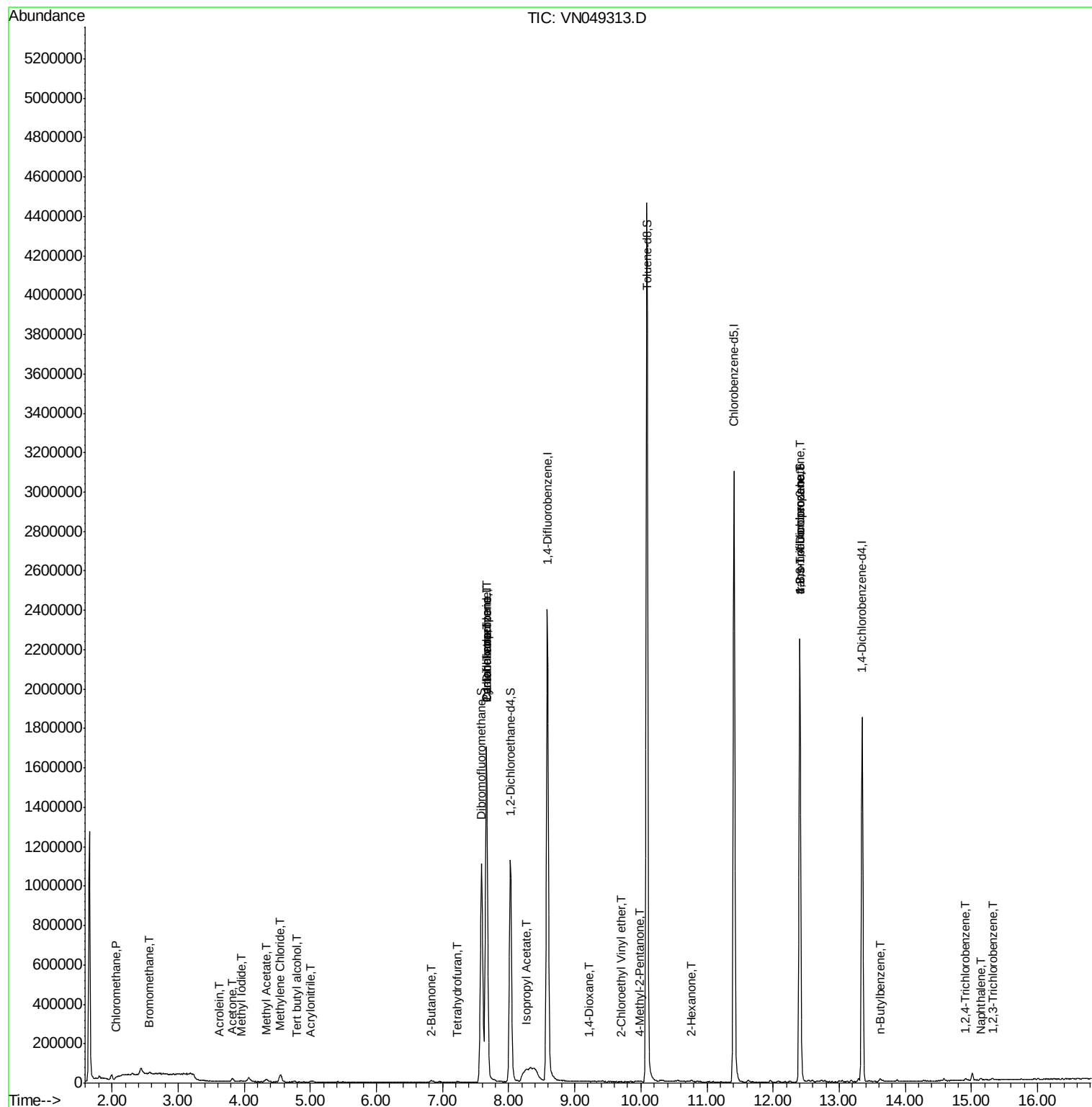
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	5689	0.26	ug/l #	82
5) Bromomethane	2.57	94	4867	0.40	ug/l	98
10) Methyl Iodide	3.95	142	6626	0.35	ug/l #	73
11) Tert butyl alcohol	4.79	59	471	0.41	ug/l #	70
13) Acrolein	3.62	56	1087	0.91	ug/l #	54
15) Acrylonitrile	5.00	53	1385	0.24	ug/l #	43
16) Acetone	3.82	43	22959	4.86	ug/l	91
18) Methyl Acetate	4.33	43	25228	1.75	ug/l #	84
20) Methylene Chloride	4.54	84	26725	1.35	ug/l	92
25) 2-Butanone	6.84	43	2432	0.38	ug/l #	86
29) Tetrahydrofuran	7.22	42	2390	0.59	ug/l #	79
31) Cyclohexane	7.66	56	27130	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	104125	3.99	ug/l #	50
38) Carbon Tetrachloride	7.66	117	131707	4.87	ug/l #	17
43) Isopropyl Acetate	8.26	43	74707	2.75	ug/l #	64
49) 1,4-Dioxane	9.21	88	568	3.22	ug/l #	55
51) 4-Methyl-2-Pentanone	9.99	43	4274	0.30	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.69	63	101	14.34	ug/l #	51
59) 2-Hexanone	10.76	43	6613	0.72	ug/l	85
75) 1,1,2,2-Tetrachloroethane	12.51	83	774	Below	Cal #	55
76) 1,2,3-Trichloropropane	12.40	75	382661	42.06	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	382661	132.94	ug/l #	8
89) n-Butylbenzene	13.62	91	8380	0.30	ug/l	95
90) Hexachloroethane	13.88	117	1529	Below	Cal	78
93) 1,2,4-Trichlorobenzene	14.91	180	2989	5.04	ug/l	77
94) Hexachlorobutadiene	15.01	225	7076	Below	Cal	97
95) Naphthalene	15.14	128	5691	2.46	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	3418	3.81	ug/l	99

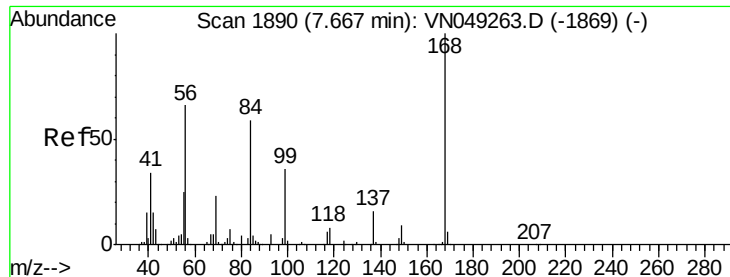
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049313.D
Acq On : 16 Jun 2018 16:54
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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 18 03:19:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
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: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

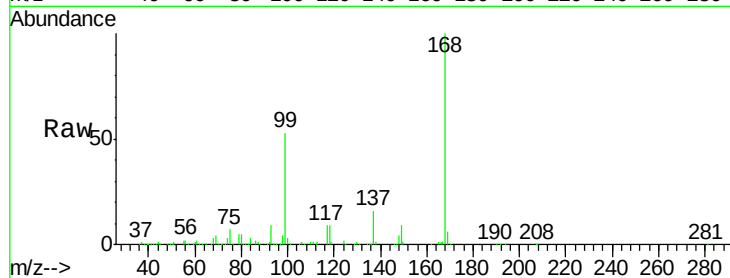
ClientSampleId :

Tot Ion:168 Resp: 1467174

Ion Ratio Lower Upper

168 100

99 52.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049313.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049313.D (-1797) (-)

7.66

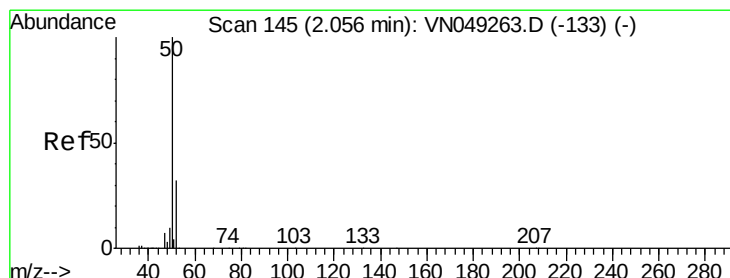
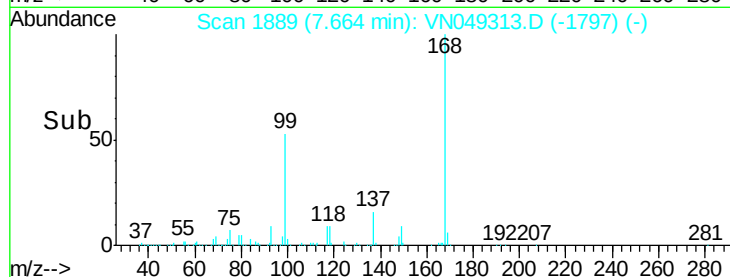
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.26 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049313.D

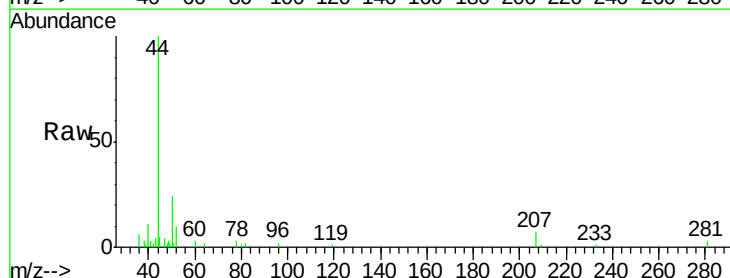
Acq: 16 Jun 2018 16:54

Tgt Ion: 50 Resp: 5689

Ion Ratio Lower Upper

50 100

52 41.2 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VN049313.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049313.D (-52) (-)

2.06

4000

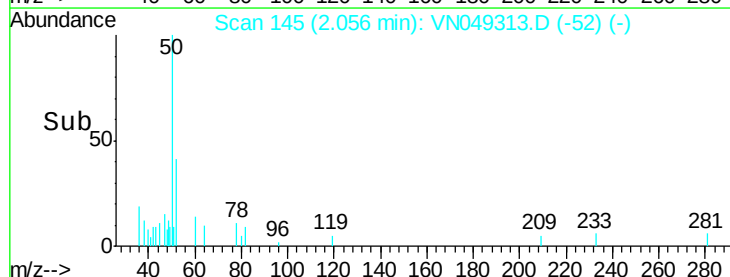
3000

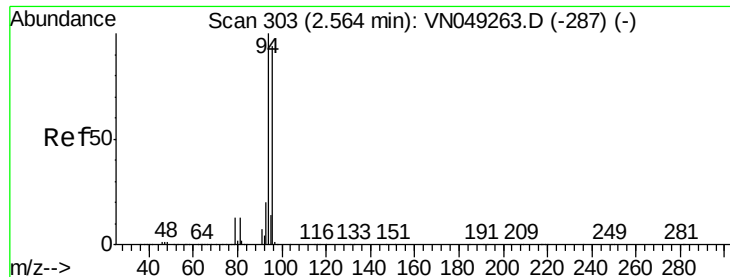
2000

1000

0

Time--> 2.00 2.05 2.10





#5

Bromomethane

Concen: 0.40 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

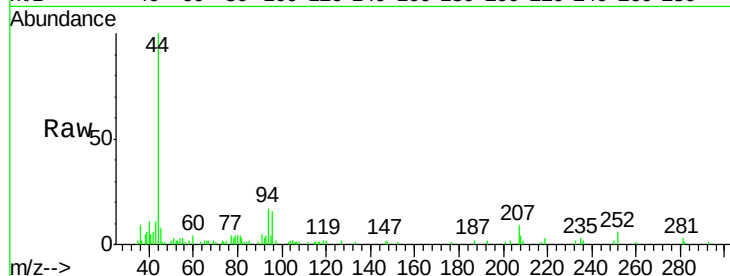
ClientSampled :

Tot Ion: 94 Resp: 4867

Ion Ratio Lower Upper

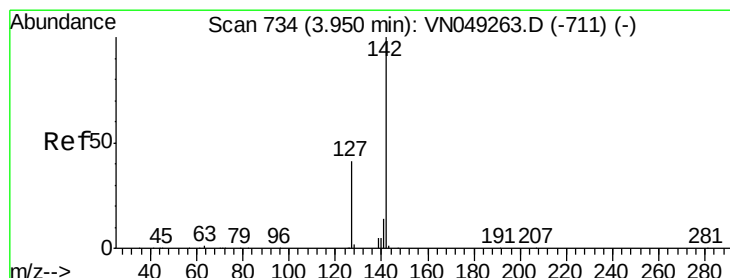
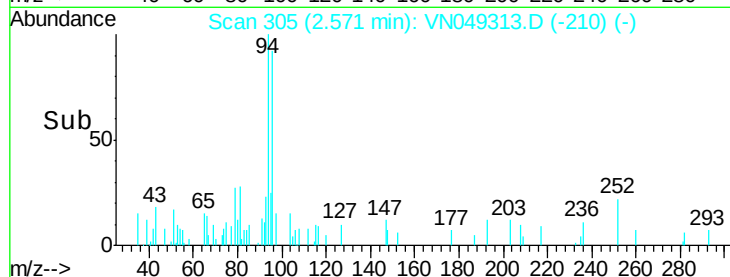
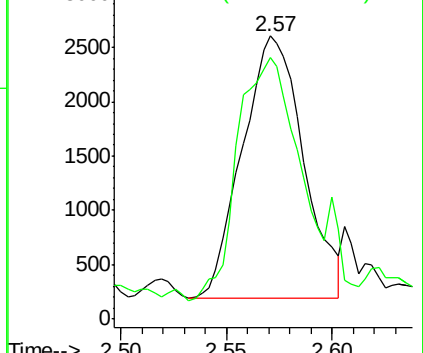
94 100

96 92.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 0.35 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

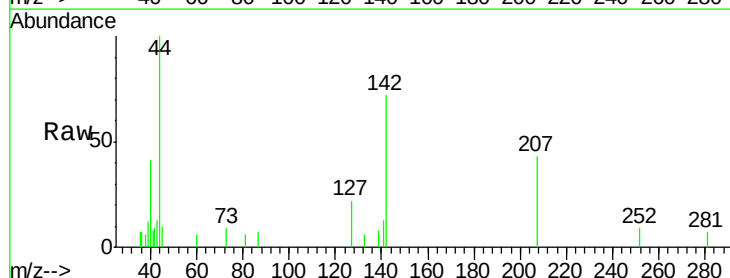
Tgt Ion: 142 Resp: 6626

Ion Ratio Lower Upper

142 100

127 26.0 38.2 57.4#

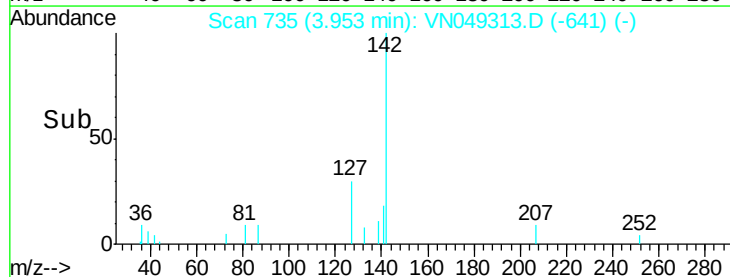
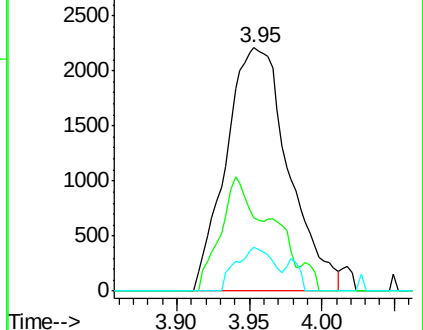
141 10.7 11.9 17.9#

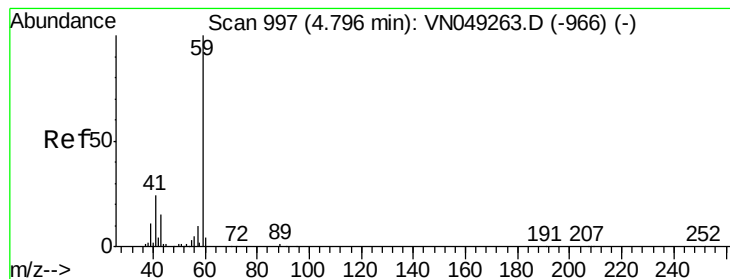


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



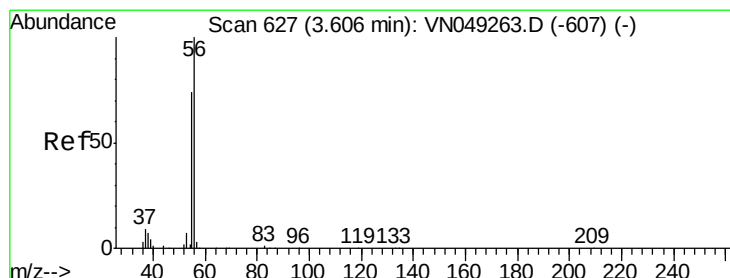
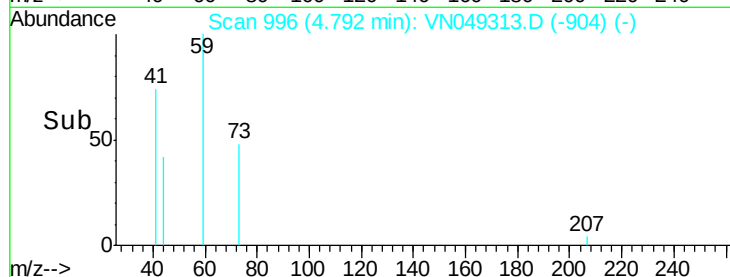
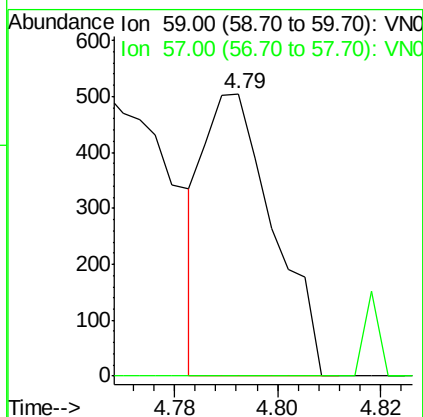
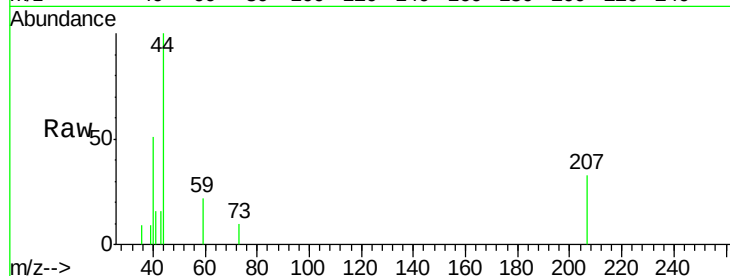


#11

Tert butyl alcohol
Concen: 0.41 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.00 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

Instrument :
MSVOA_N
ClientSampled :

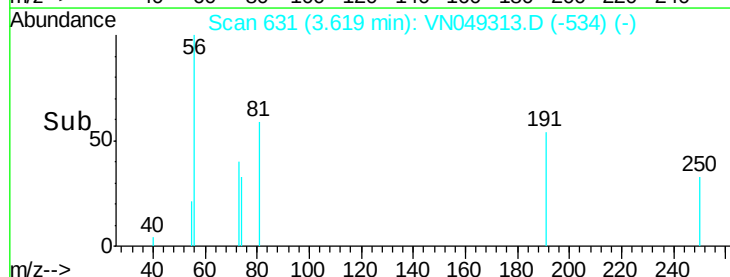
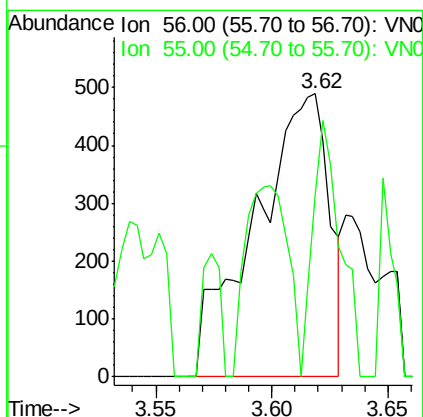
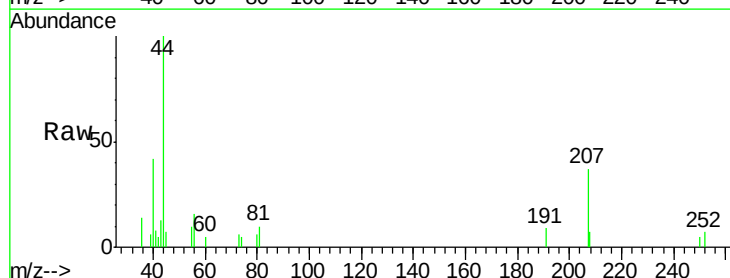
Tot Ion: 59 Resp: 471
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#

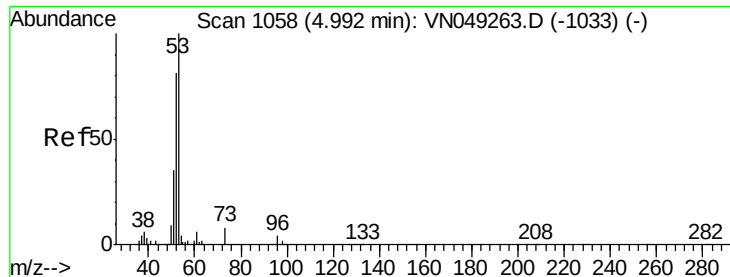


#13

Acrolein
Concen: 0.91 ug/l
RT: 3.62 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

Tgt Ion: 56 Resp: 1087
Ion Ratio Lower Upper
56 100
55 33.4 57.1 85.7#

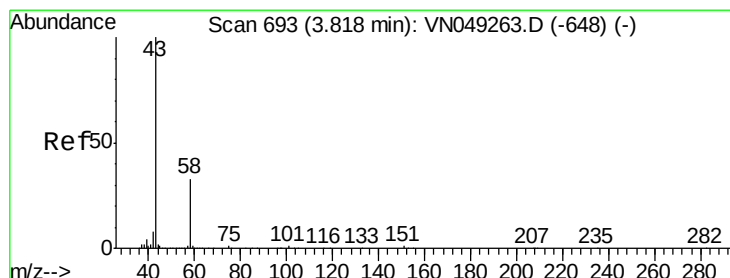
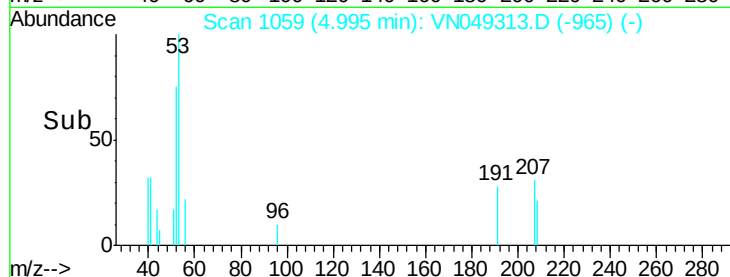
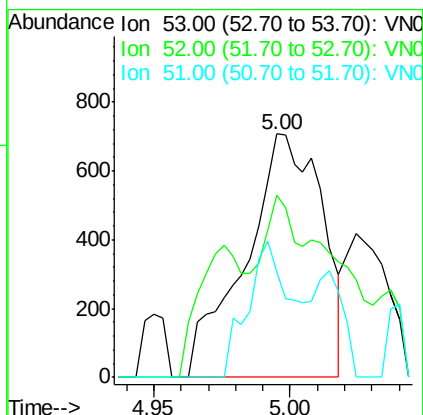
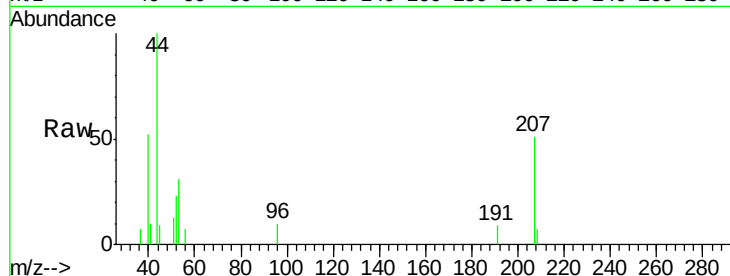




#15
 Acrylonitrile
 Concen: 0.24 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VN049313.D
 Acq: 16 Jun 2018 16:54

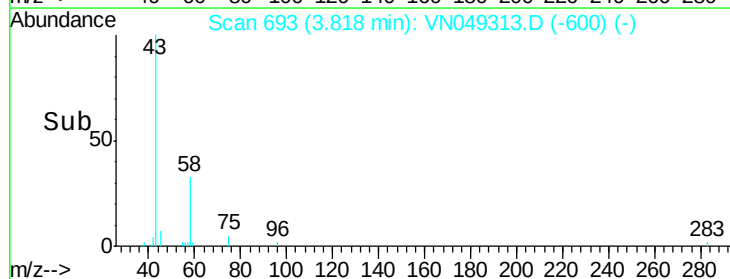
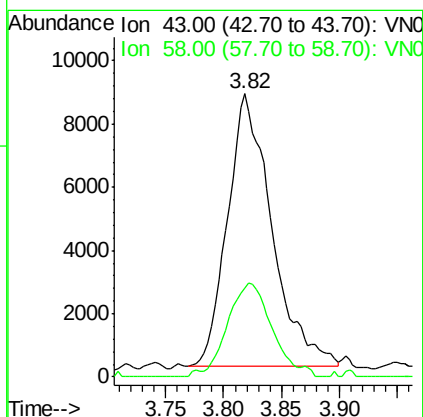
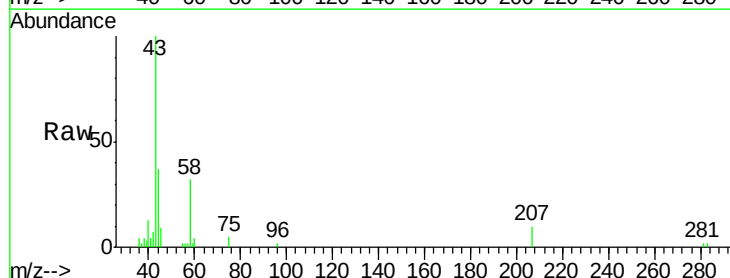
Instrument :
 MSVOA_N
 ClientSampled :

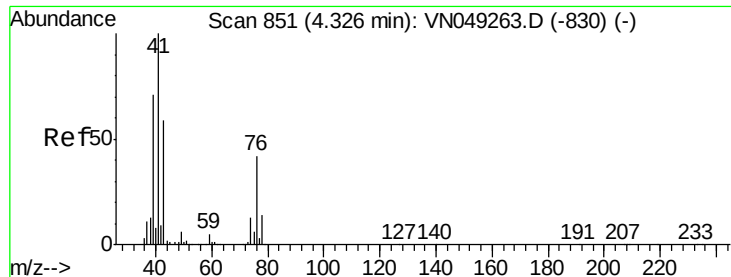
Tot Ion: 53 Resp: 1385
 Ion Ratio Lower Upper
 53 100
 52 13.5 66.6 100.0#
 51 31.1 29.8 44.8



#16
 Acetone
 Concen: 4.86 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049313.D
 Acq: 16 Jun 2018 16:54

Tgt Ion: 43 Resp: 22959
 Ion Ratio Lower Upper
 43 100
 58 32.7 22.4 33.6

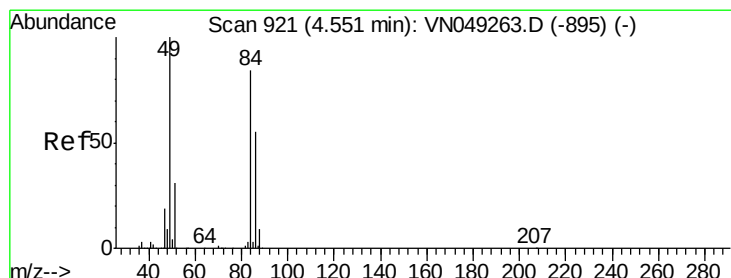
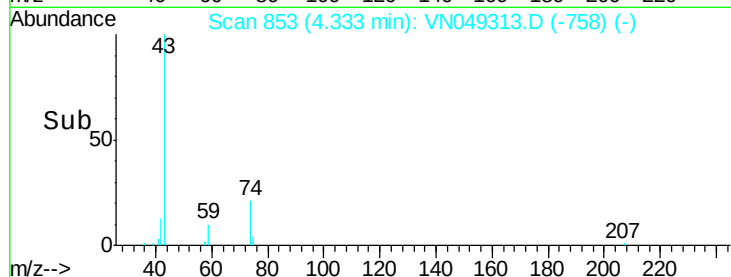
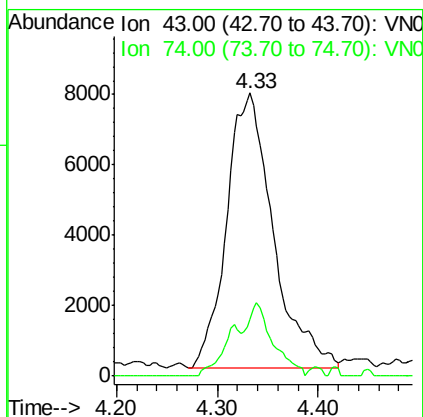
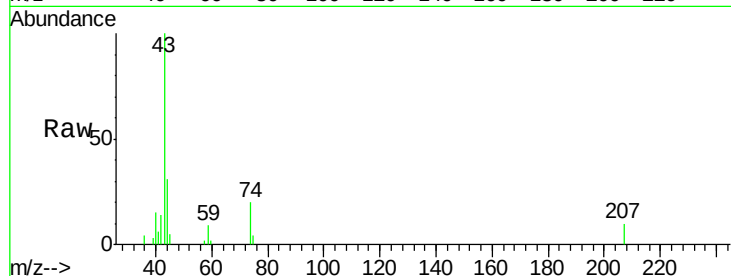




#18
Methvl Acetate
Concen: 1.75 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

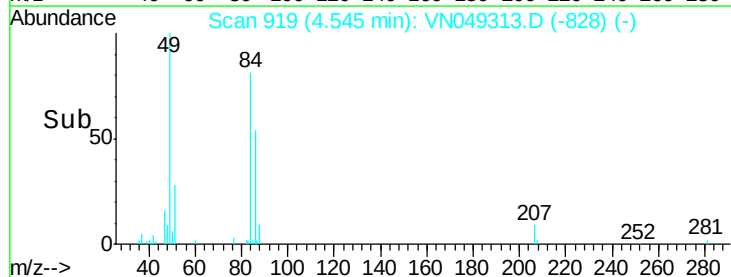
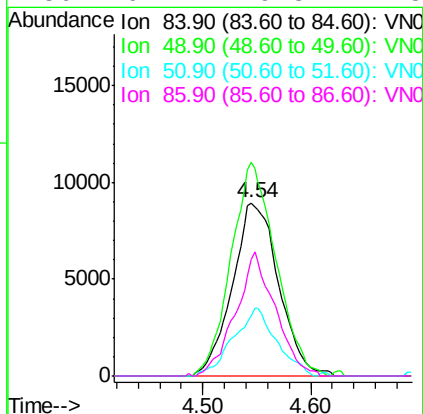
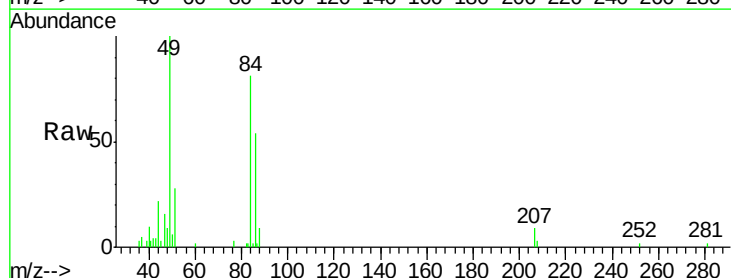
Instrument :
MSVOA_N
ClientSampleId :

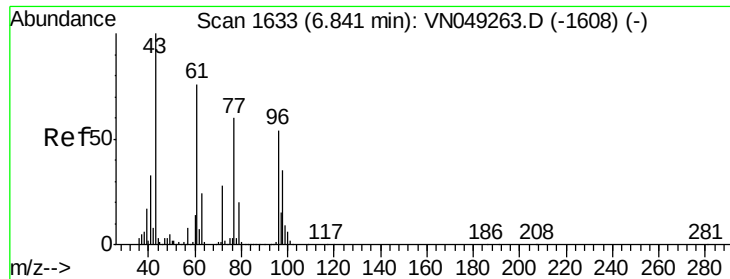
Tot Ion: 43 Resp: 25228
Ion Ratio Lower Upper
43 100
74 13.9 17.4 26.0#



#20
Methylene Chloride
Concen: 1.35 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

Tgt Ion: 84 Resp: 26725
Ion Ratio Lower Upper
84 100
49 123.4 106.9 160.3
51 35.0 32.7 49.1
86 67.1 49.8 74.8





#25

2-Butanone

Concen: 0.38 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

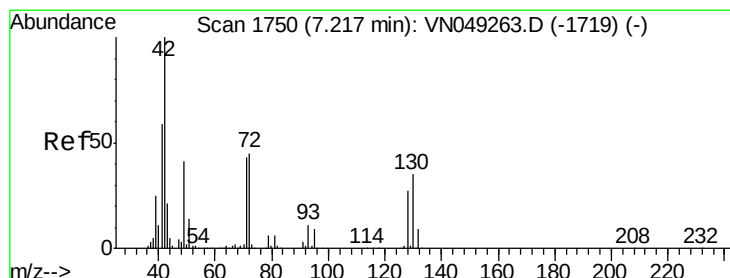
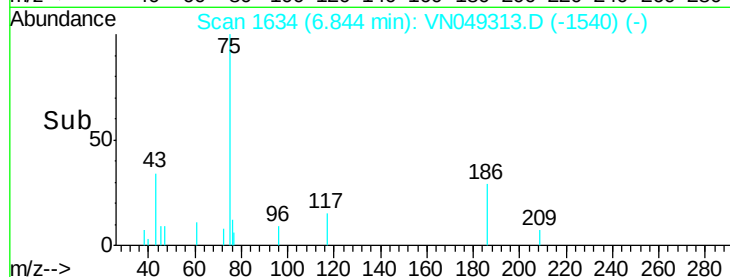
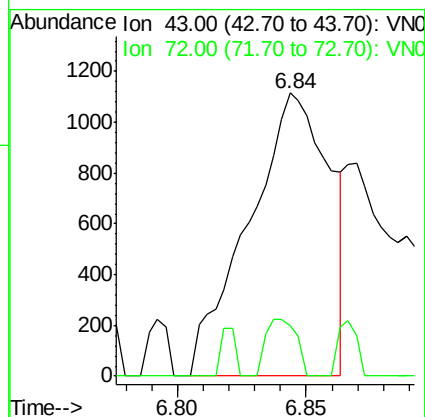
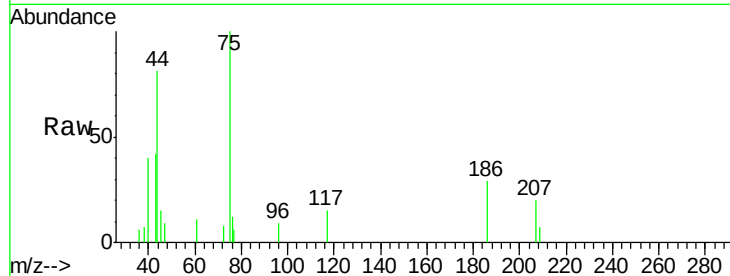
ClientSampled :

Tot Ion: 43 Resp: 2432

Ion Ratio Lower Upper

43 100

72 17.9 20.2 30.2#



#29

Tetrahydrofuran

Concen: 0.59 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

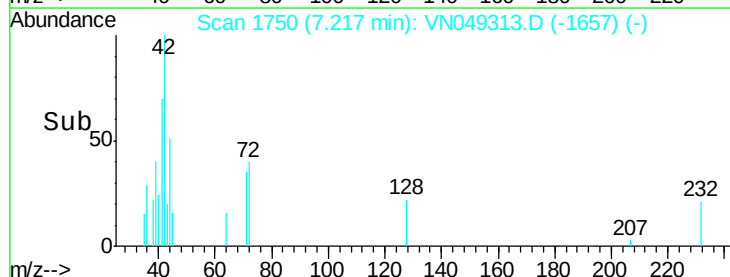
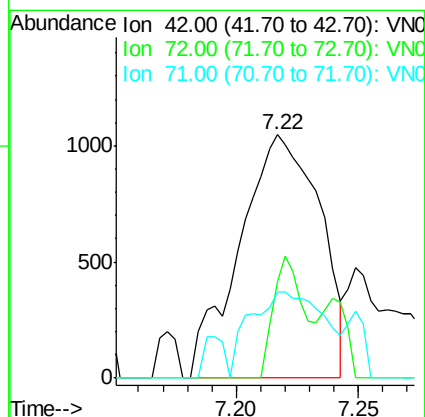
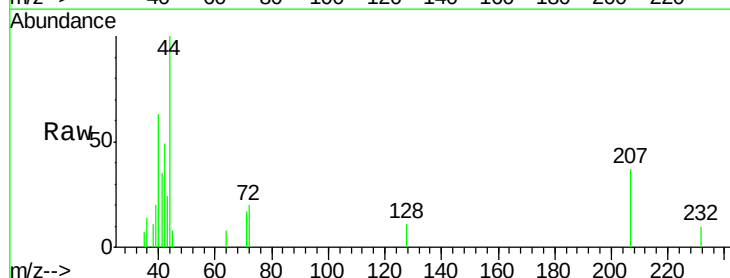
Tgt Ion: 42 Resp: 2390

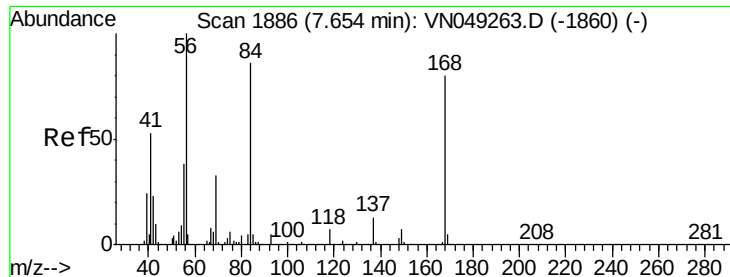
Ion Ratio Lower Upper

42 100

72 19.7 32.2 48.4#

71 32.7 30.5 45.7

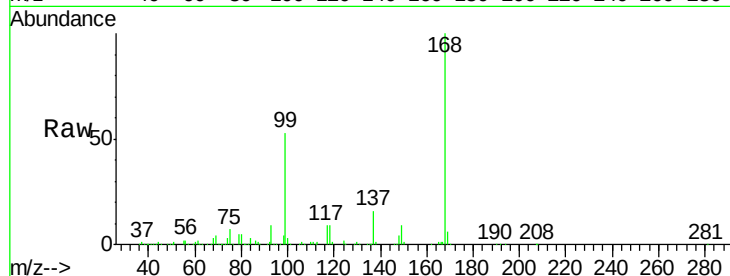




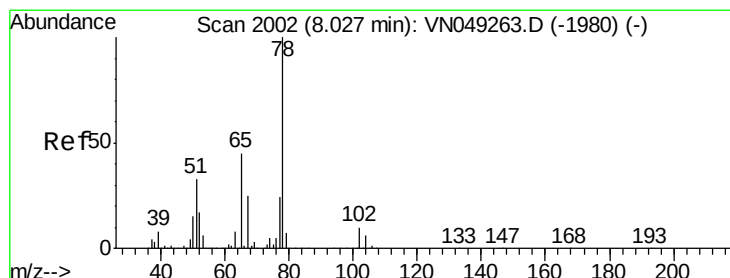
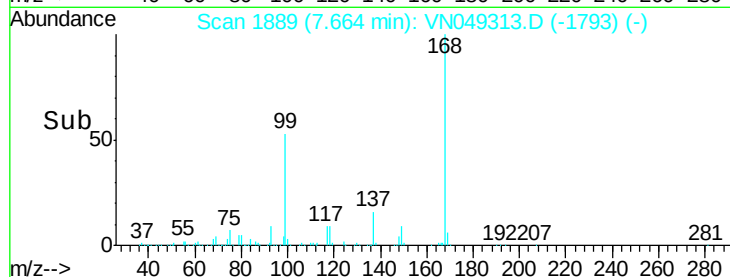
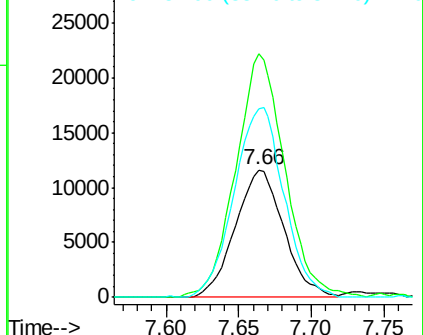
#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 27130
Ion Ratio Lower Upper
56 100
69 187.8 25.0 37.4#
84 148.0 64.6 96.8#

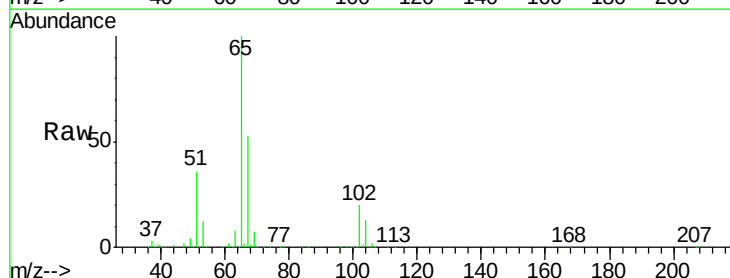


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

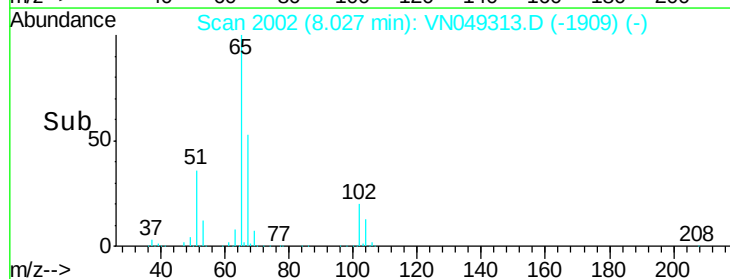
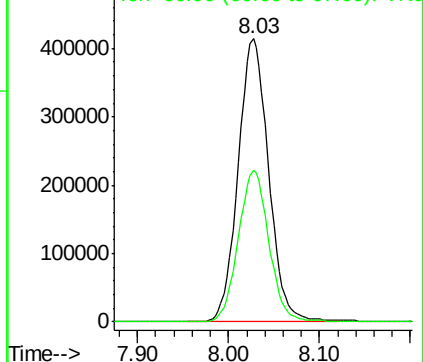


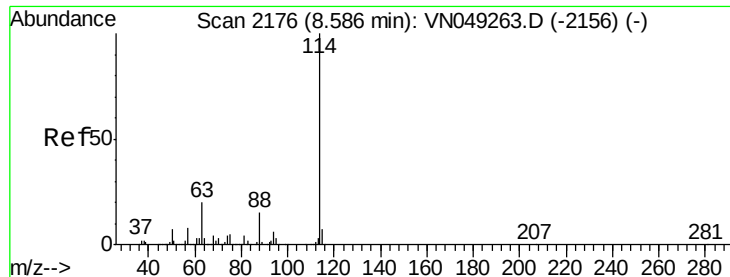
#33
1,2-Dichloroethane-d4
Concen: 49.59 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

Tgt Ion: 65 Resp: 965035
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.8



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

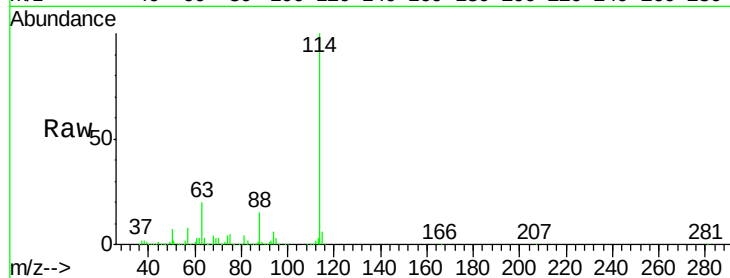




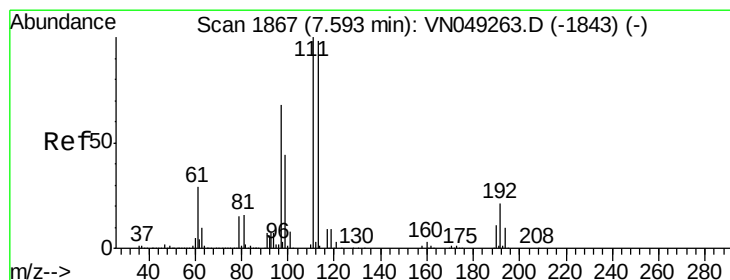
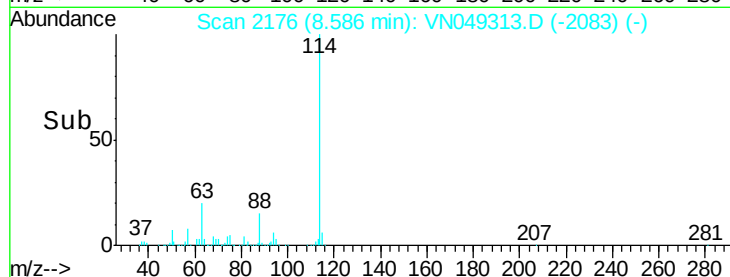
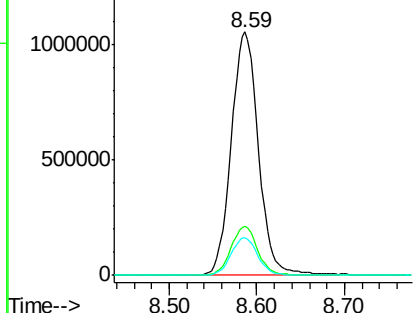
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049313.D
 Acq: 16 Jun 2018 16:54

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 2279303
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.5 0.0 31.4

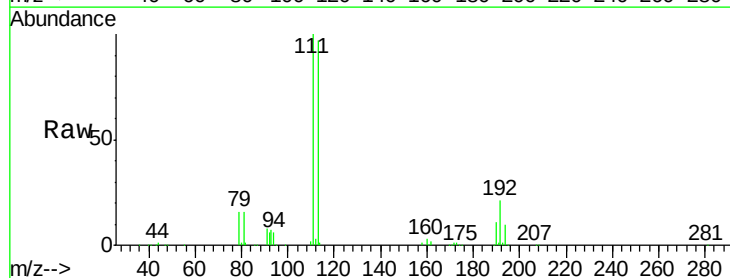


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

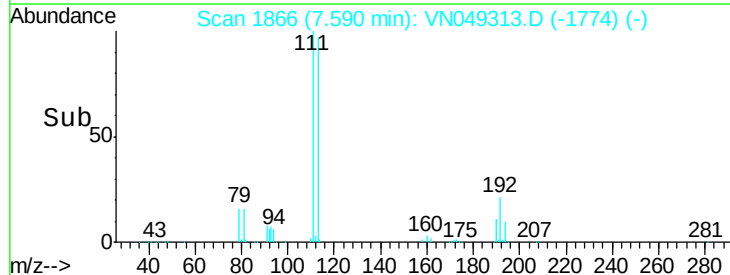
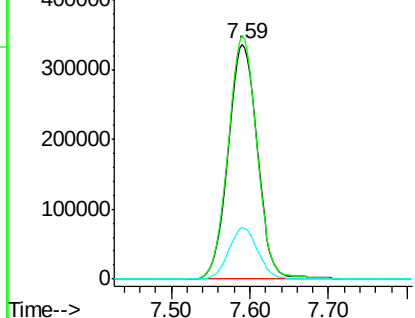


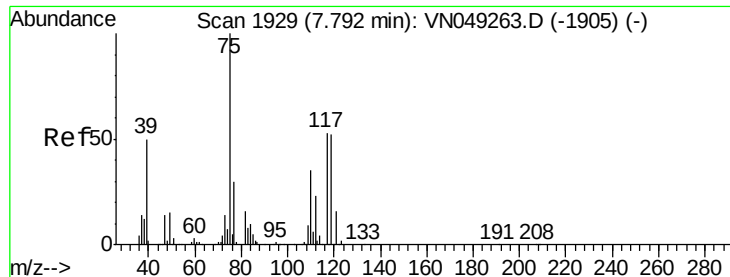
#35
 Dibromofluoromethane
 Concen: 46.92 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049313.D
 Acq: 16 Jun 2018 16:54

Tgt Ion:113 Resp: 865223
 Ion Ratio Lower Upper
 113 100
 111 102.1 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: 3.99 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.13 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

ClientSampleId :

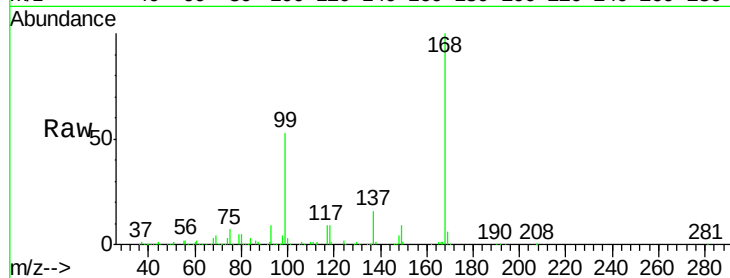
Tot Ion: 75 Resp: 104125

Ion Ratio Lower Upper

75 100

110 8.4 17.0 50.9#

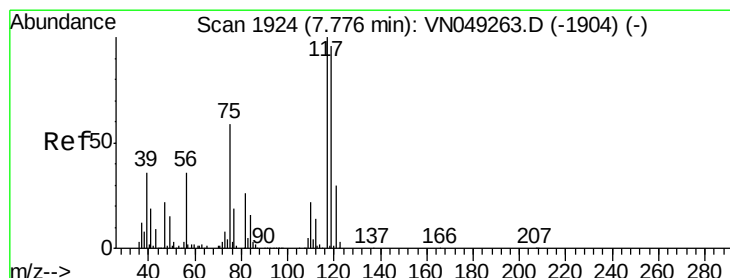
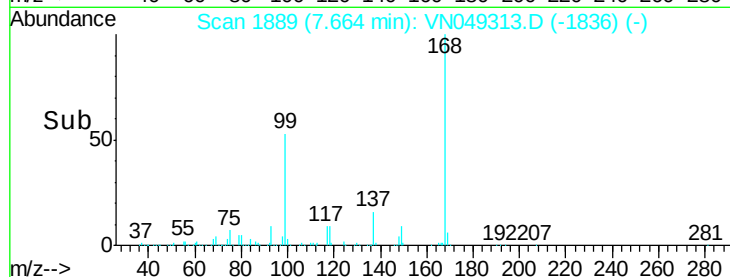
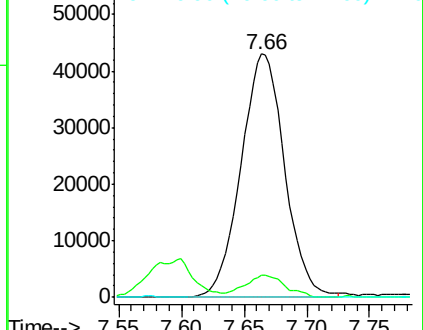
77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VN049313.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049313.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049313.D (-1836) (-)



#38

Carbon Tetrachloride

Concen: 4.87 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.11 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

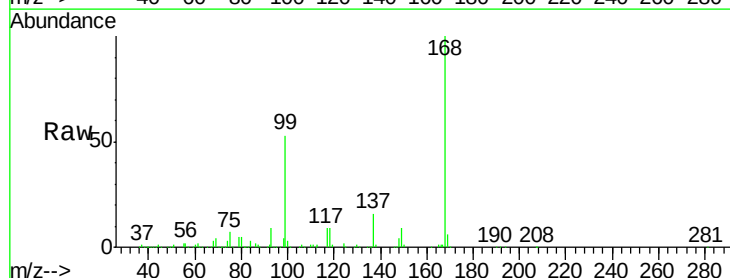
Tgt Ion: 117 Resp: 131707

Ion Ratio Lower Upper

117 100

119 5.7 75.6 113.4#

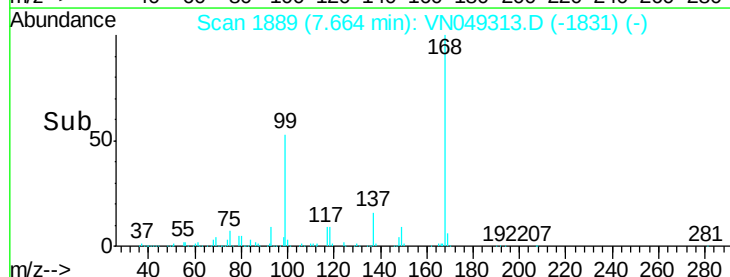
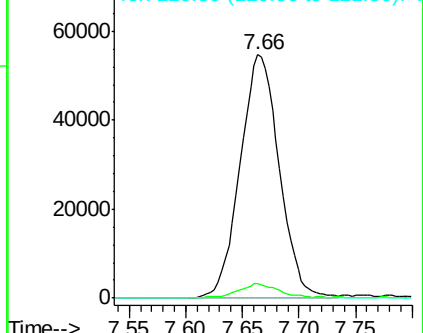
121 0.0 24.7 37.1#

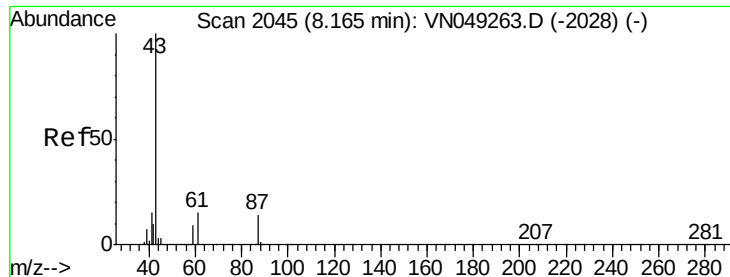


Abundance Ion 116.80 (116.50 to 117.50): VN049313.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN049313.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049313.D (-1831) (-)





#43

Isopropyl Acetate

Concen: 2.75 ug/l

RT: 8.26 min Scan# 2074

Delta R.T. 0.09 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

ClientSampleId :

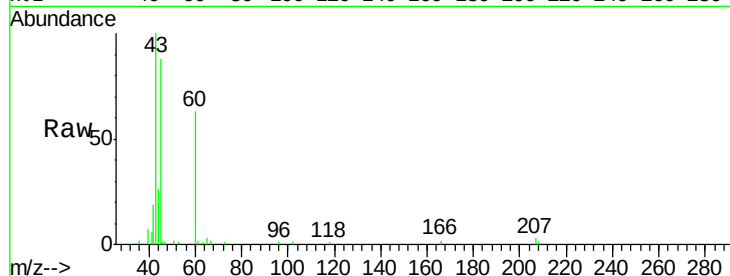
Tot Ion: 43 Resp: 74707

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.4 14.0#

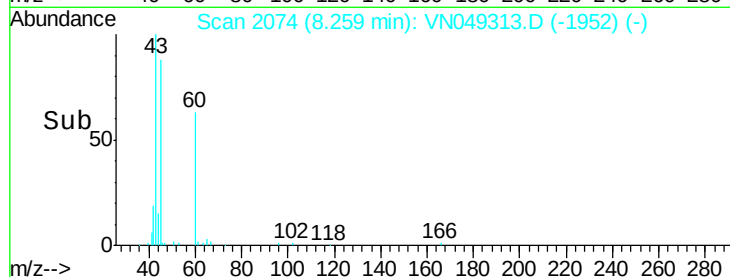


Abundance Ion 43.00 (42.70 to 43.70): VN049313.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049313.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049313.D (-1952) (-)

Time-->



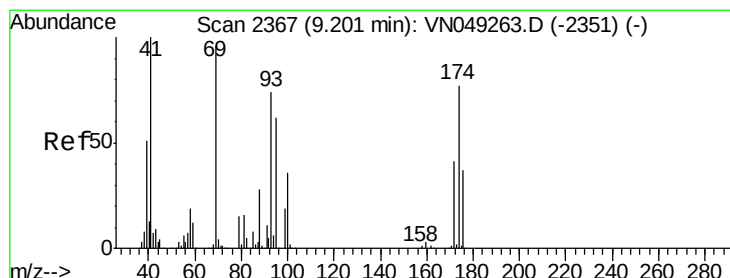
Abundance

Ion 43.00 (42.70 to 43.70): VN049313.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049313.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049313.D (-1952) (-)

Time-->



#49

1,4-Dioxane

Concen: 3.22 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.01 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

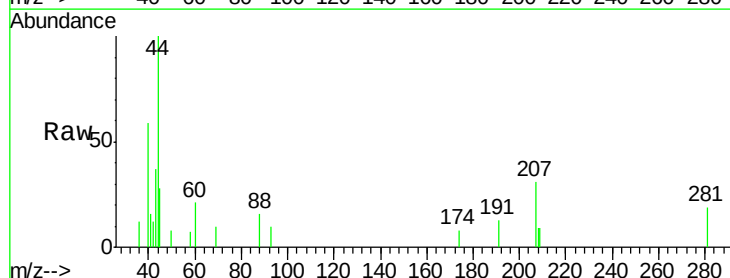
Tgt Ion: 88 Resp: 568

Ion Ratio Lower Upper

88 100

43 26.2 30.9 46.3#

58 24.8 58.9 88.3#

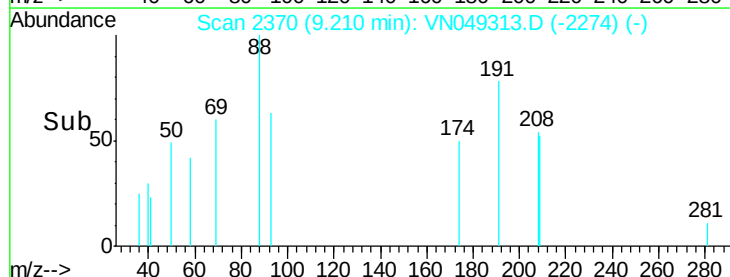


Abundance Ion 88.00 (87.70 to 88.70): VN049313.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049313.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049313.D (-2274) (-)

Time-->



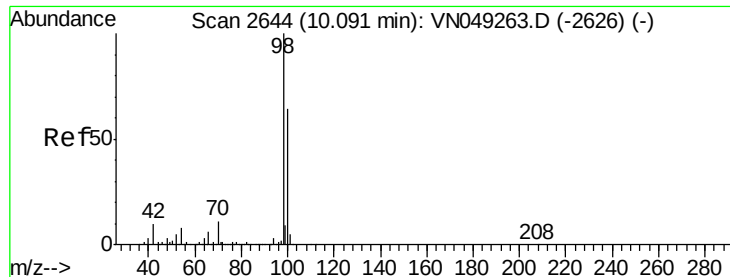
Abundance

Ion 88.00 (87.70 to 88.70): VN049313.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049313.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049313.D (-2274) (-)

Time-->



#50

Toluene-d8

Concen: 45.54 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

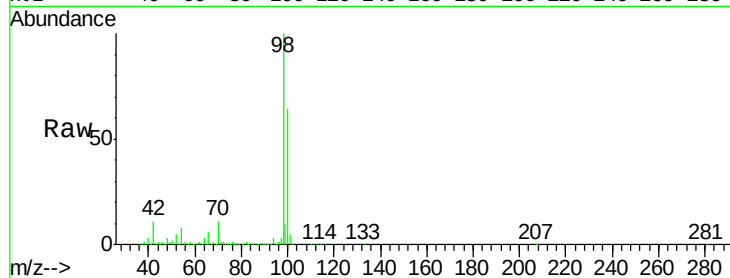
ClientSampled :

Tot Ion: 98 Resp: 3197913

Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

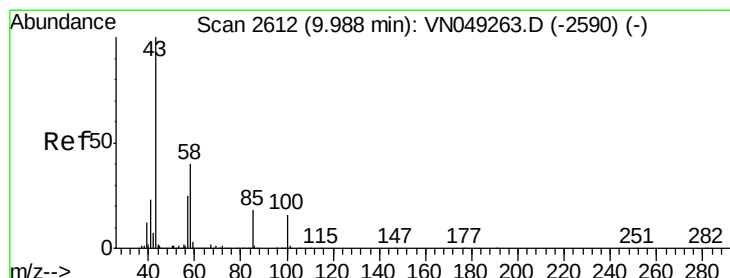
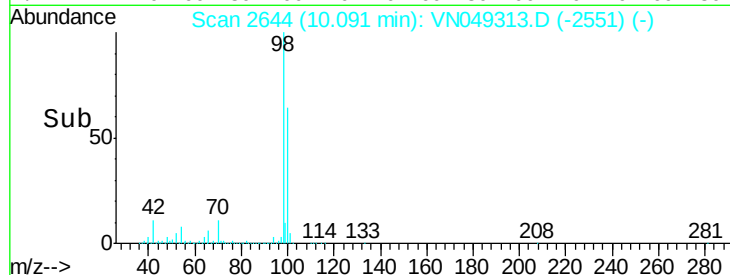
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.30 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049313.D

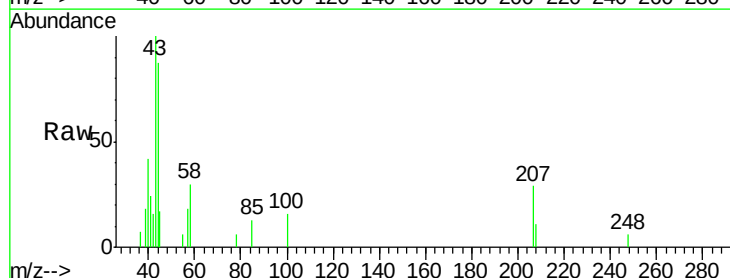
Acq: 16 Jun 2018 16:54

Tgt Ion: 43 Resp: 4274

Ion Ratio Lower Upper

43 100

58 33.4 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

4000

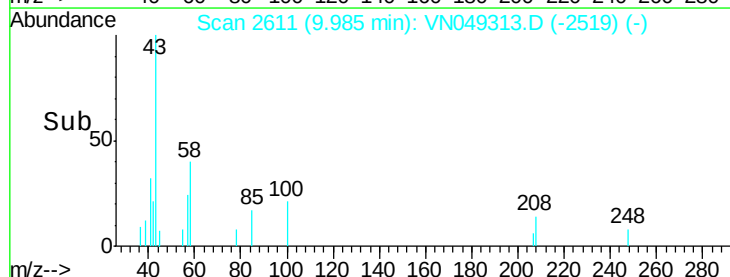
3000

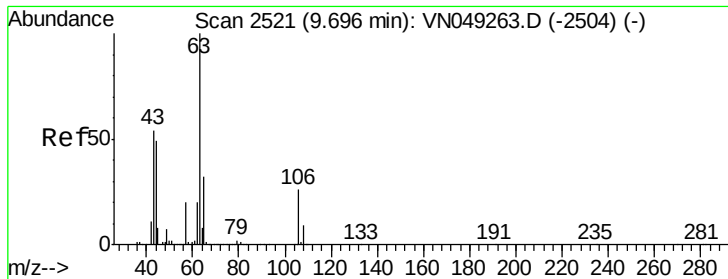
2000

1000

0

Time-->





#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.69 min Scan# 2519

Delta R.T. -0.01 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

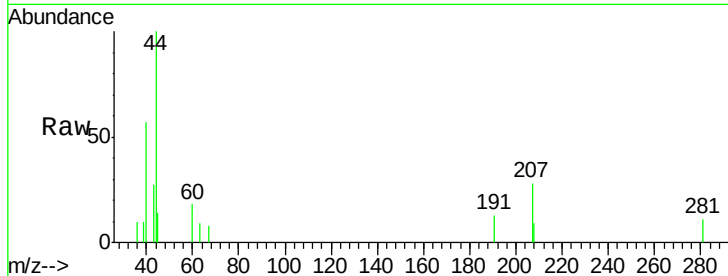
ClientSampled :

Tot Ion: 63 Resp: 101

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

250

200

150

100

50

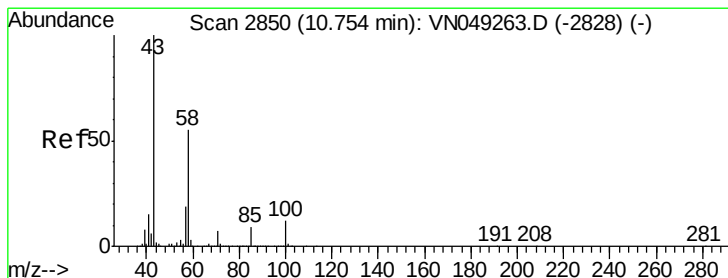
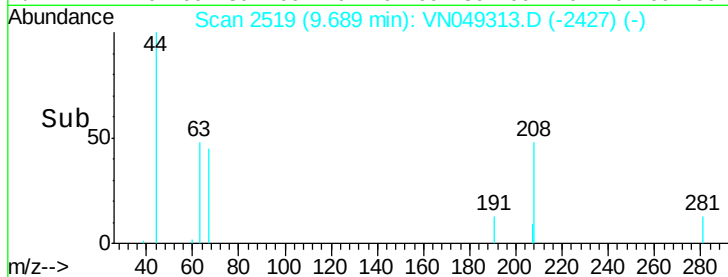
0

9.68

9.69

9.70

Time-->



#59

2-Hexanone

Concen: 0.72 ug/l

RT: 10.76 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VN049313.D

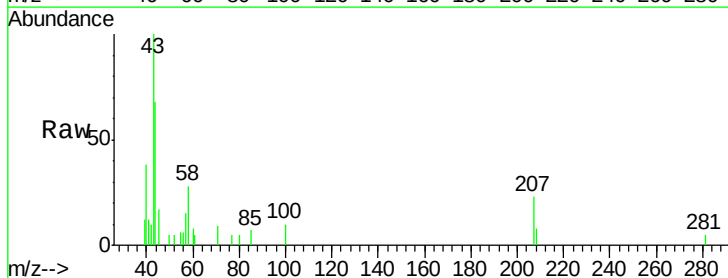
Acq: 16 Jun 2018 16:54

Tgt Ion: 43 Resp: 6613

Ion Ratio Lower Upper

43 100

58 39.8 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

4000

3000

2000

1000

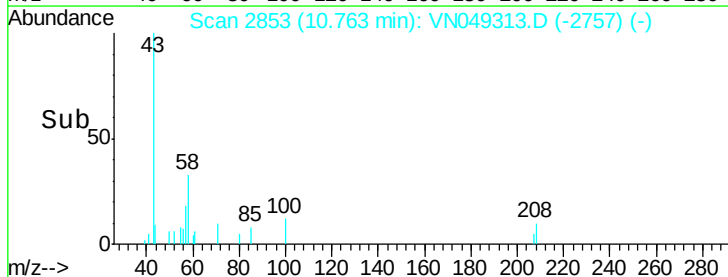
0

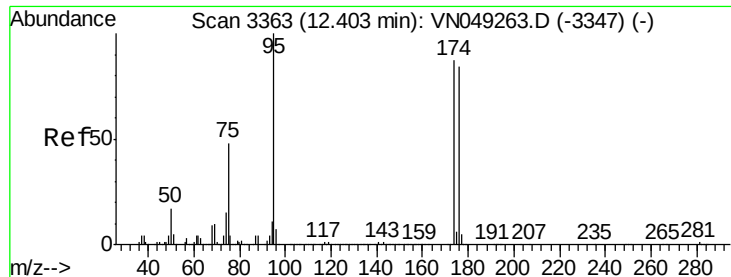
10.70

10.75

10.80

Time-->

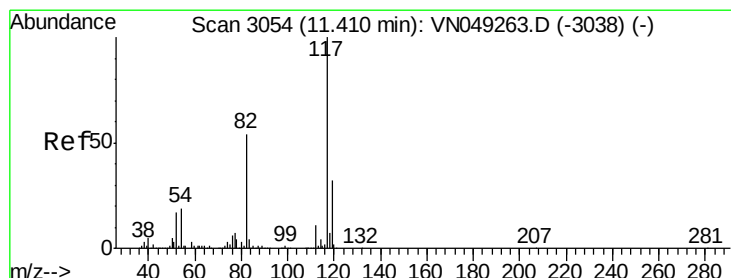
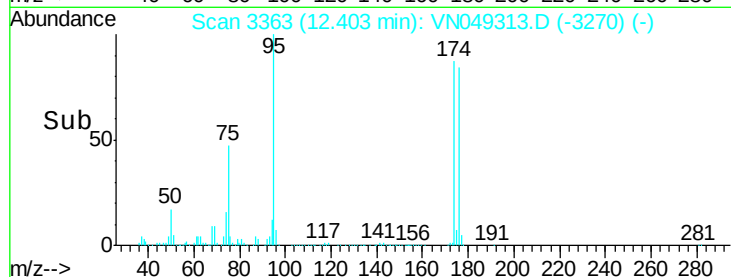
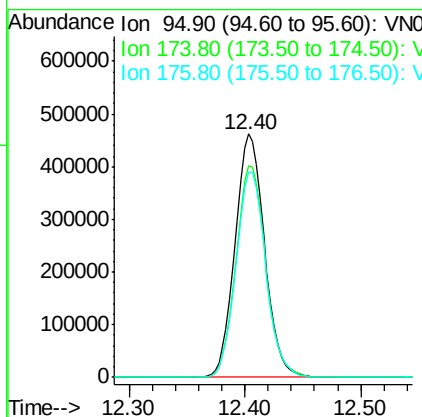
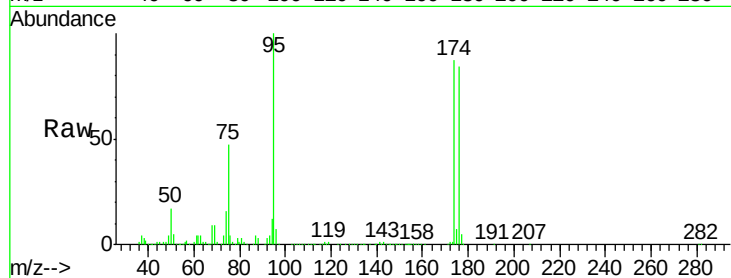




#62
4-Bromofluorobenzene
Concen: 34.97 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

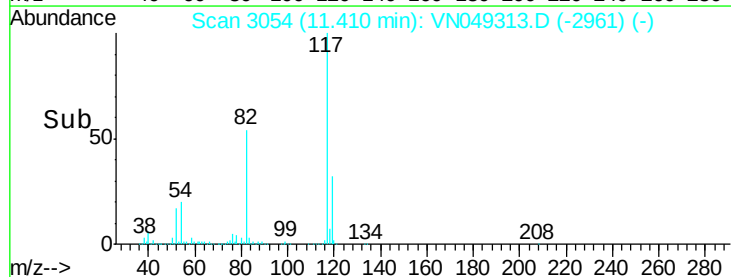
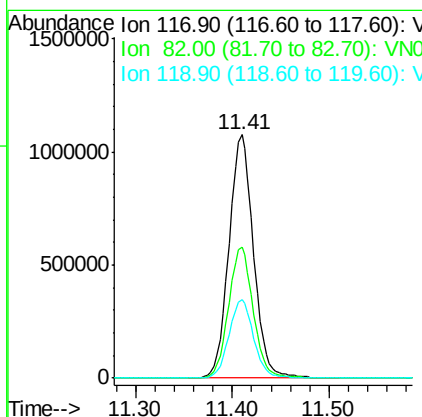
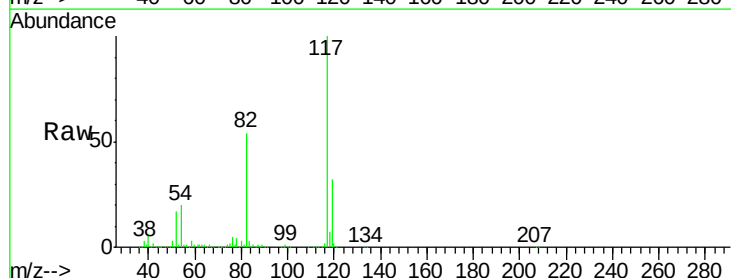
Instrument :
MSVOA_N
ClientSampled :

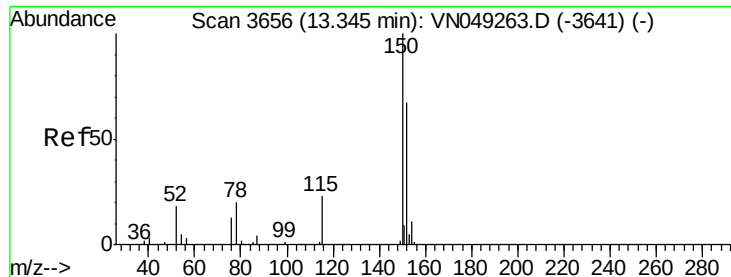
Tot Ion: 95 Resp: 811953
Ion Ratio Lower Upper
95 100
174 87.7 0.0 165.6
176 85.3 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

Tgt Ion: 117 Resp: 1895331
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

ClientSampleId :

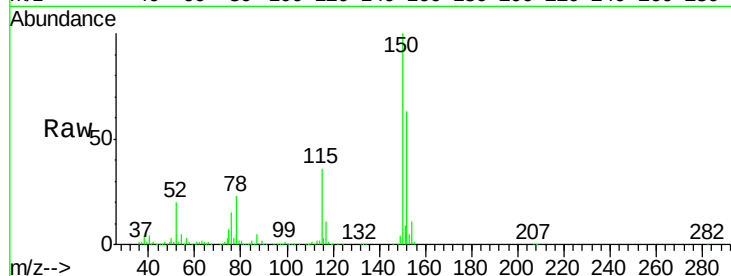
Tot Ion:152 Resp: 533195

Ion Ratio Lower Upper

152 100

115 57.1 28.7 86.1

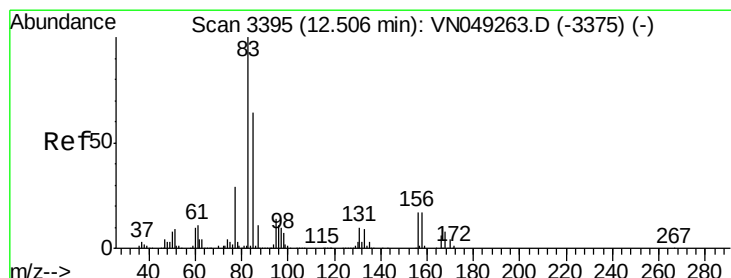
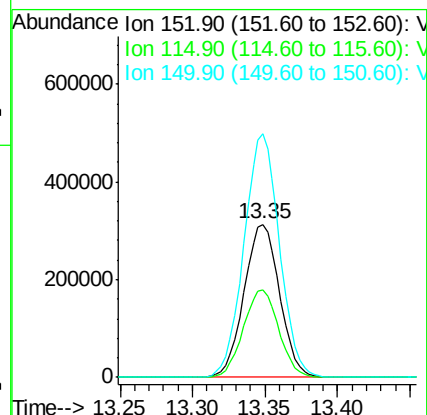
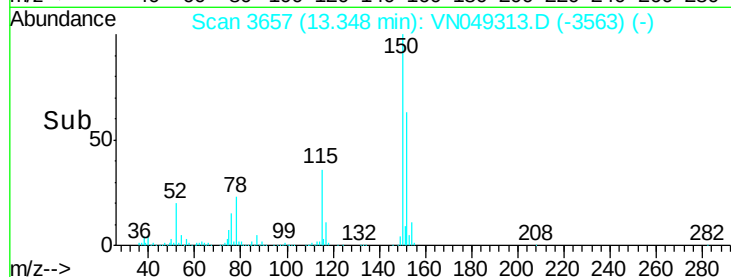
150 158.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

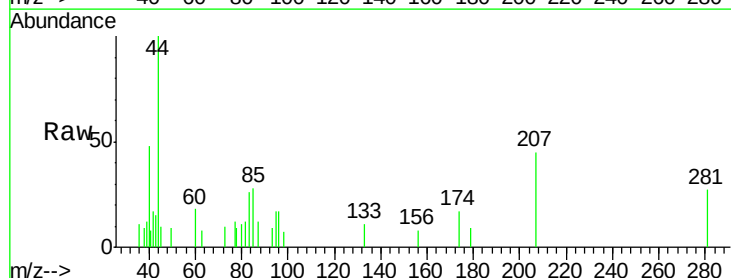
Tgt Ion: 83 Resp: 774

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

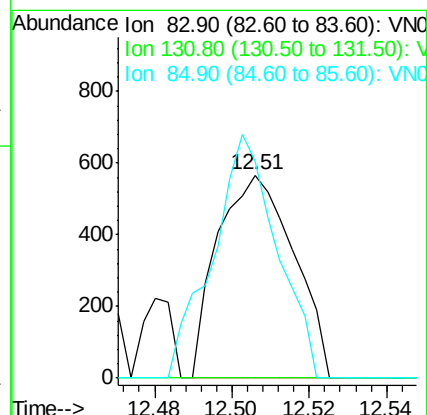
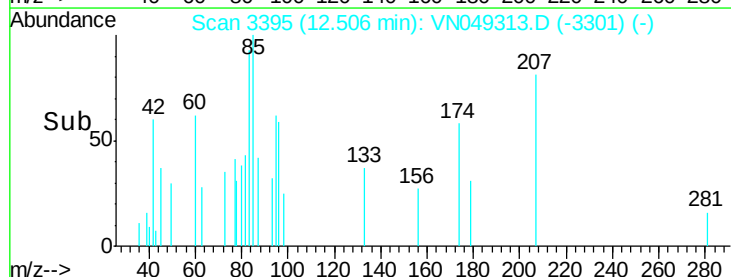
85 101.2 32.0 96.0#

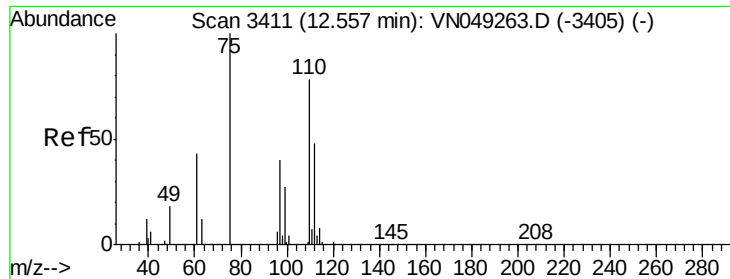


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 42.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

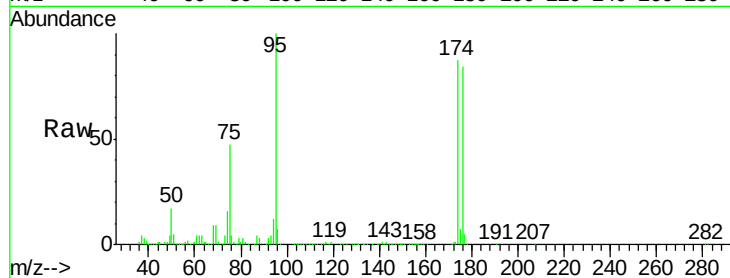
ClientSampleId :

Tot Ion: 75 Resp: 382661

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

250000

200000

150000

100000

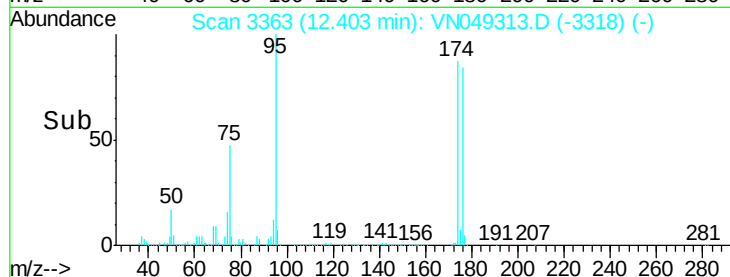
50000

0

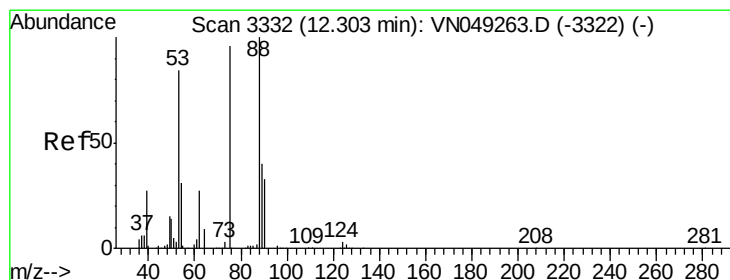
12.30

12.40

12.50



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 132.94 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

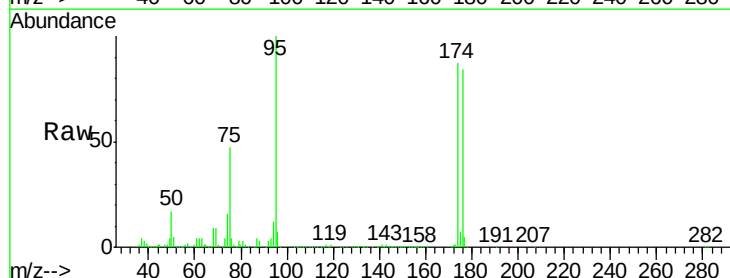
Tgt Ion: 75 Resp: 382661

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

300000

250000

200000

150000

100000

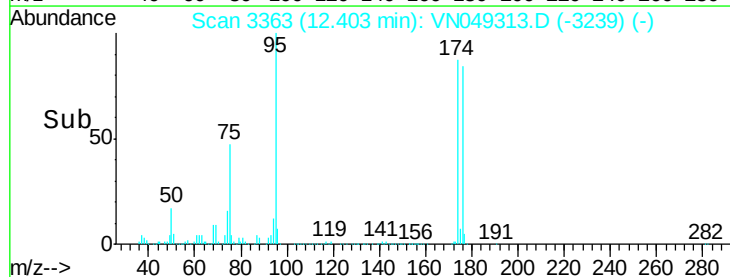
50000

0

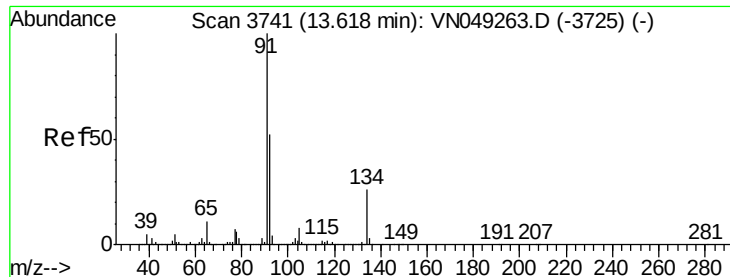
12.30

12.40

12.50



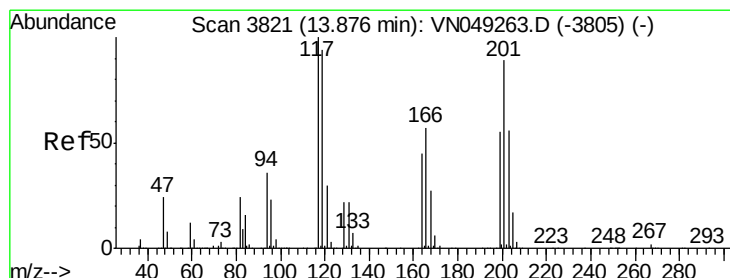
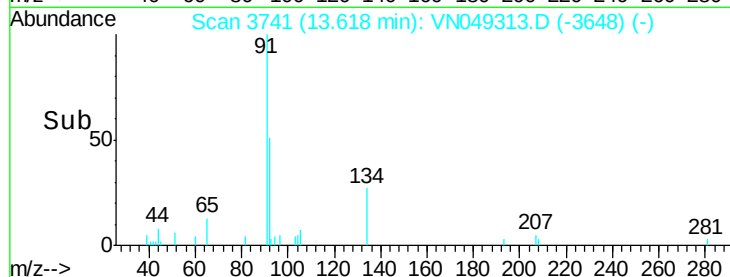
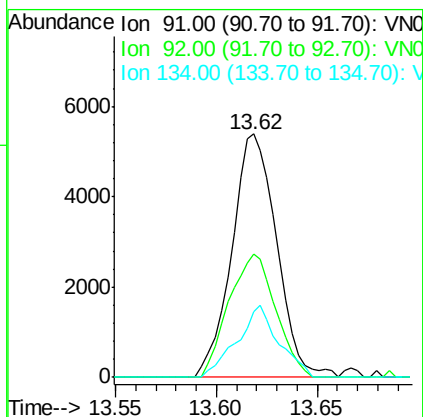
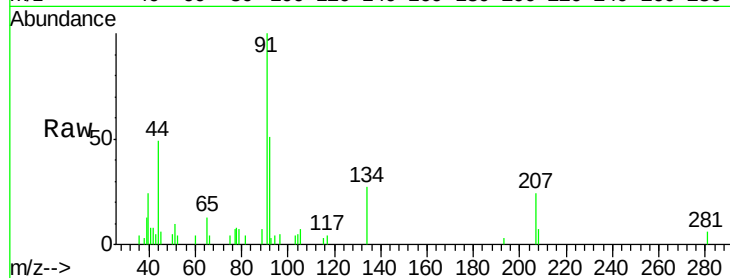
Time-->



#89
n-Butylbenzene
Concen: 0.30 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

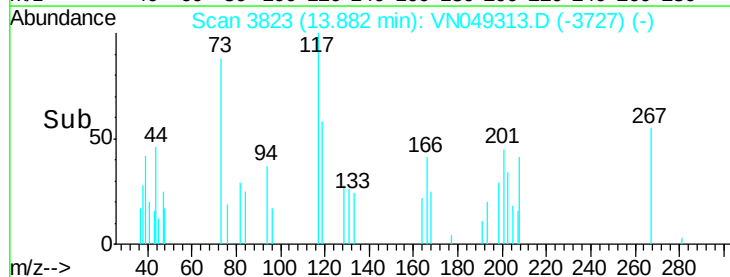
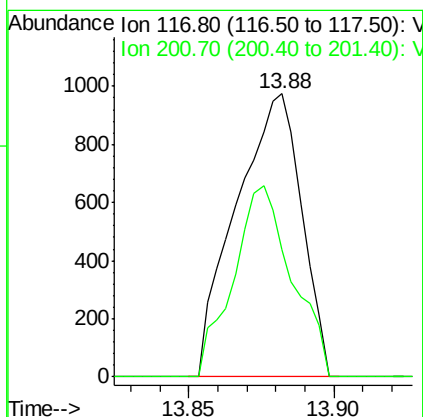
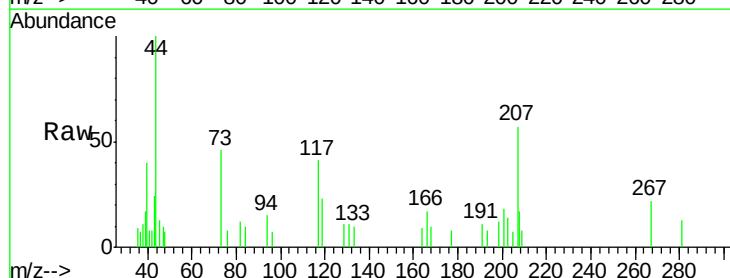
Instrument :
MSVOA_N
ClientSampled :

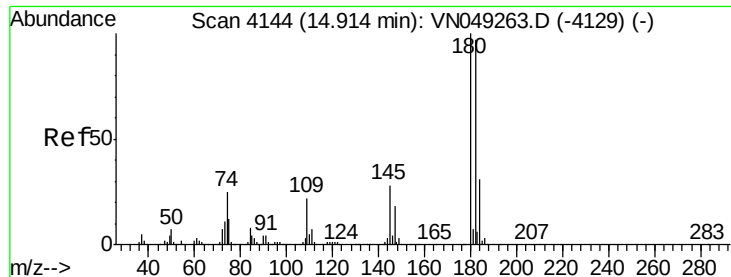
Tot Ion: 91 Resp: 8380
Ion Ratio Lower Upper
91 100
92 53.1 25.1 75.4
134 27.2 12.0 36.0



#90
Hexachloroethane
Concen: Below Cal
RT: 13.88 min Scan# 3823
Delta R.T. 0.01 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

Tgt Ion: 117 Resp: 1529
Ion Ratio Lower Upper
117 100
201 60.6 40.1 120.2





#93

1,2,4-Trichlorobenzene

Concen: 5.04 ua/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

ClientSampled :

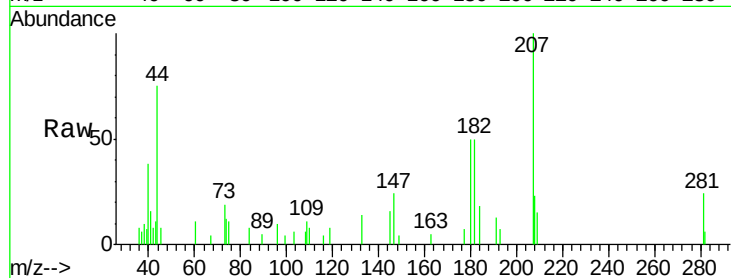
Tot Ion:180 Resp: 2989

Ion Ratio Lower Upper

180 100

182 120.2 46.9 140.8

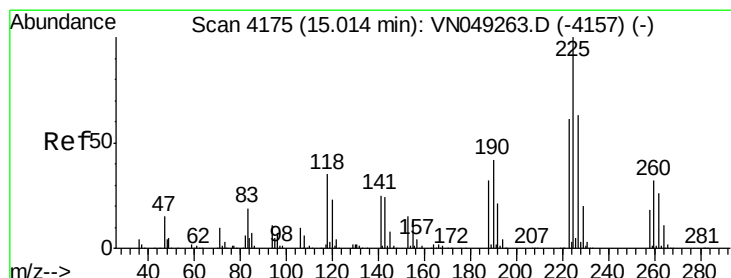
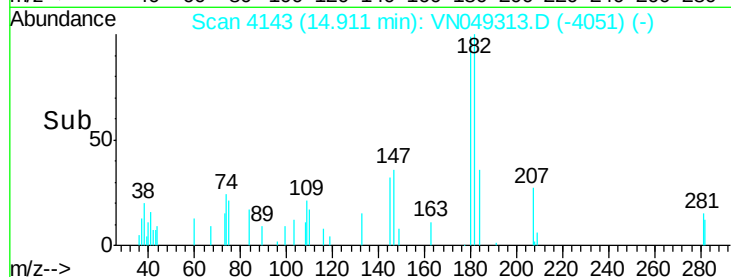
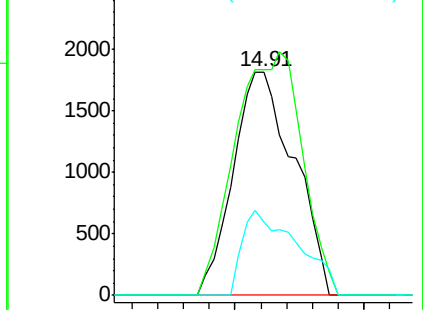
145 34.5 14.7 44.1



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: VN049313.D

Acq: 16 Jun 2018 16:54

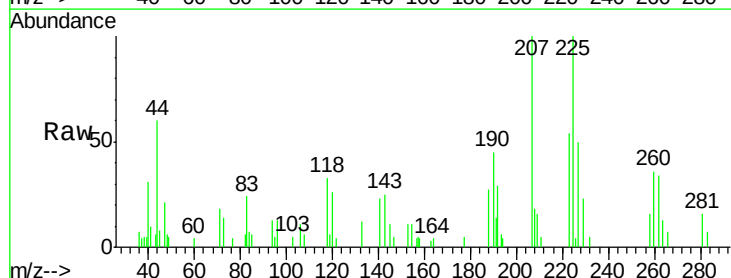
Tgt Ion:225 Resp: 7076

Ion Ratio Lower Upper

225 100

223 63.3 32.1 96.3

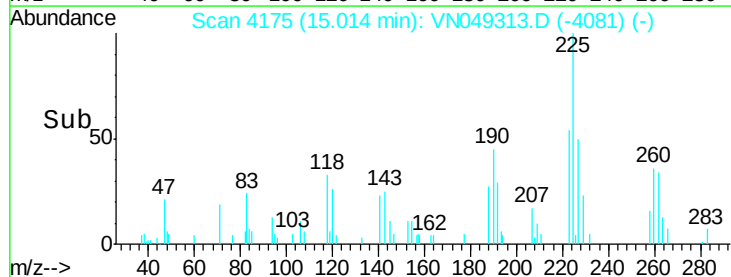
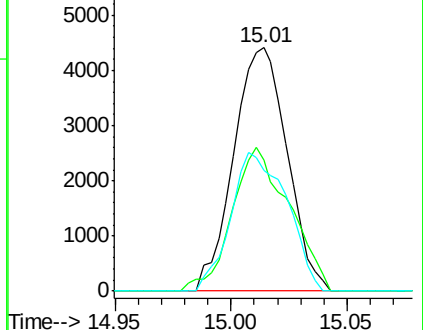
227 59.7 31.8 95.3

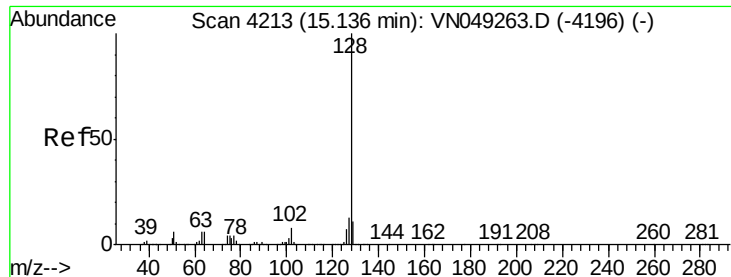


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 2.46 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

ClientSampled :

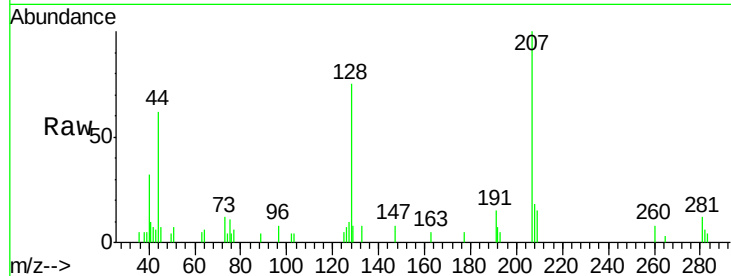
Tot Ion:128 Resp: 5691

Ion Ratio Lower Upper

128 100

127 8.8 10.6 16.0#

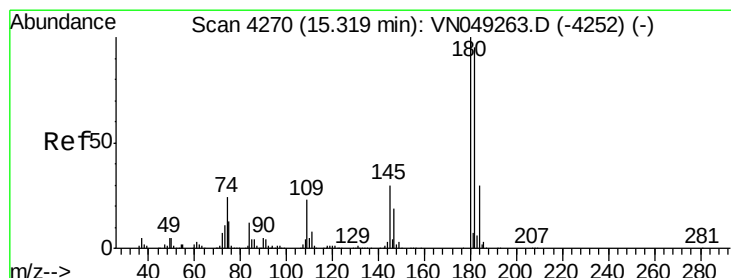
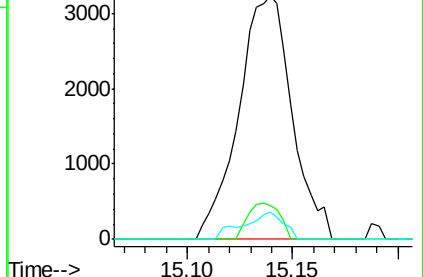
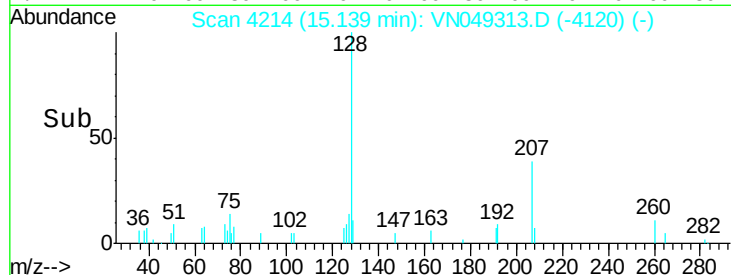
129 8.3 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.81 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

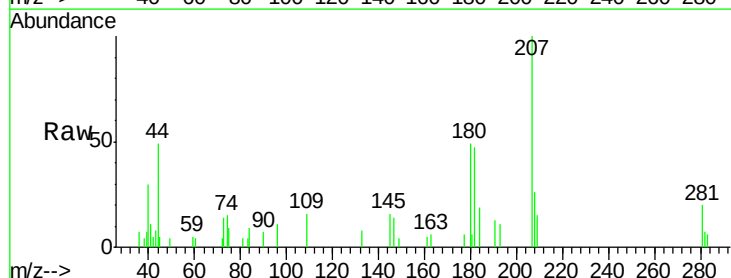
Tgt Ion:180 Resp: 3418

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 32.2 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

