

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121718\
 Data File : VN052921.D
 Acq On : 17 Dec 2018 12:31
 Operator : MD\SY
 Sample : J6437-04 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 23573

Quant Time: Dec 18 04:43:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1335473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2051029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1868702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	770184	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	669854	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	7.59	113	513528	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	
50) Toluene-d8	10.09	98	2527601	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	859552	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	

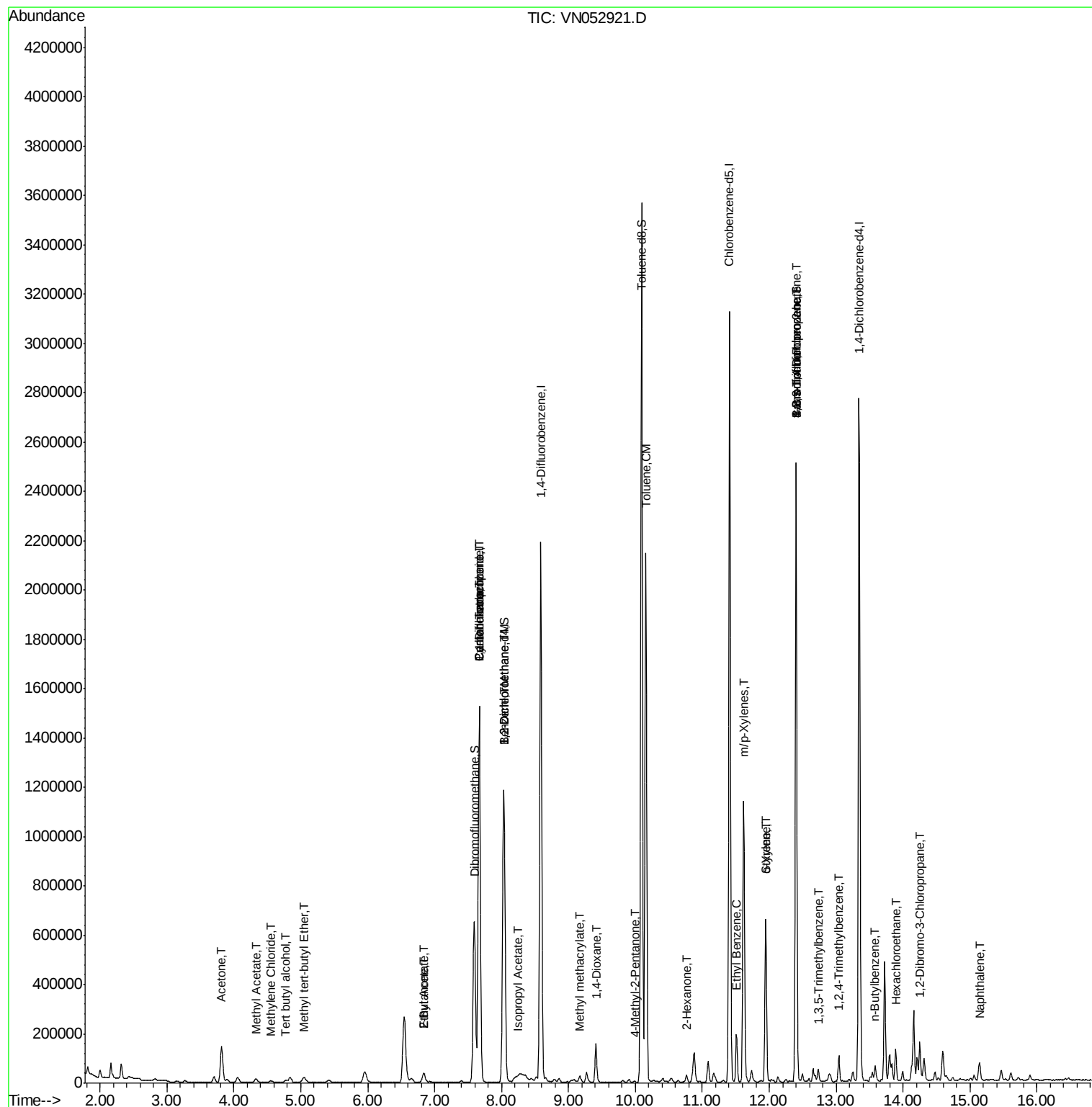
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	17034	21.469	ug/l #	93
16) Acetone	3.82	43	243335	76.300	ug/l	94
18) Methyl Acetate	4.33	43	28022	2.394	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	36090	1.083	ug/l	92
20) Methylene Chloride	4.56	84	3851	0.268	ug/l #	87
25) 2-Butanone	6.84	43	64904	13.116	ug/l	99
31) Cyclohexane	7.66	56	25526	0.486	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	89098	4.717	ug/l #	49
37) Ethyl Acetate	6.84	43	64904	5.720	ug/l #	68
38) Carbon Tetrachloride	7.67	117	116797	6.718	ug/l #	16
40) Benzene	8.04	78	580081	10.233	ug/l	99
42) 1,2-Dichloroethane	8.04	62	4923	0.288	ug/l	84
43) Isopropyl Acetate	8.23	43	28903	1.242	ug/l #	53
48) Methyl methacrylate	9.17	41	7154	0.701	ug/l #	33
49) 1,4-Dioxane	9.41	88	928	8.014	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2698	0.253	ug/l #	35
52) Toluene	10.16	92	962240	28.026	ug/l	100
59) 2-Hexanone	10.76	43	7819	1.070	ug/l	70
67) Ethyl Benzene	11.51	91	144226	2.166	ug/l	99
68) m/p-Xylenes	11.62	106	369874	14.795	ug/l	99
69) o-Xylene	11.95	106	187707	7.689	ug/l	98
70) Styrene	11.95	104	9421	0.240	ug/l #	1
71) Bromoform	12.40	173	5173	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	403521	35.511	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	21076	0.454	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	403521	114.079	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	60880	1.295	ug/l	100
89) n-Butylbenzene	13.58	91	9168	0.227	ug/l #	1
90) Hexachloroethane	13.89	117	7187	0.893	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	818	0.421	ug/l #	1
95) Naphthalene	15.14	128	42601	1.513	ug/l	99

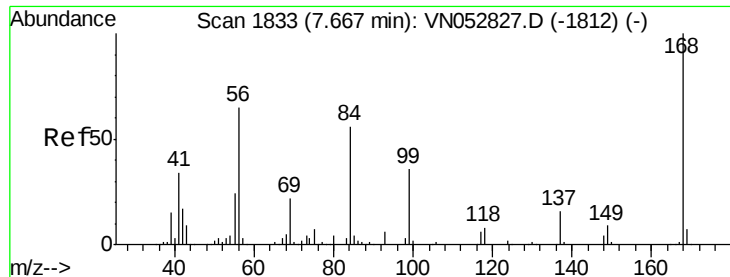
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

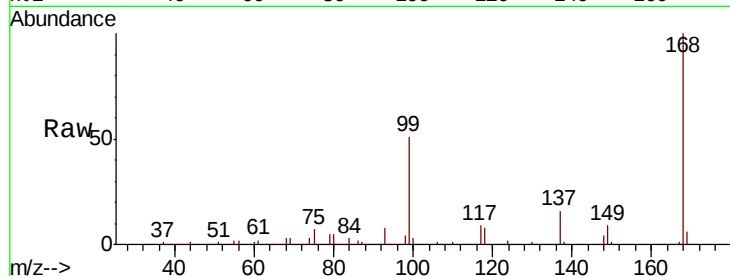
23573

Tot Ion:168 Resp: 1335473

Ion Ratio Lower Upper

168 100

99 50.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

600000

500000

400000

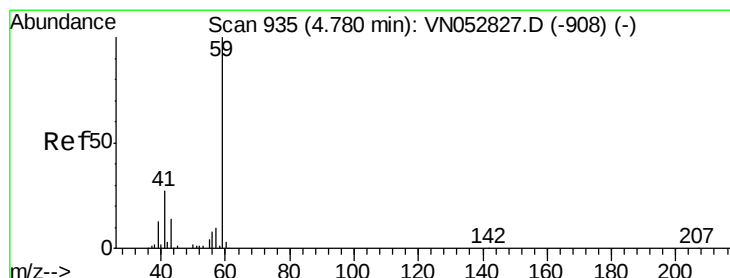
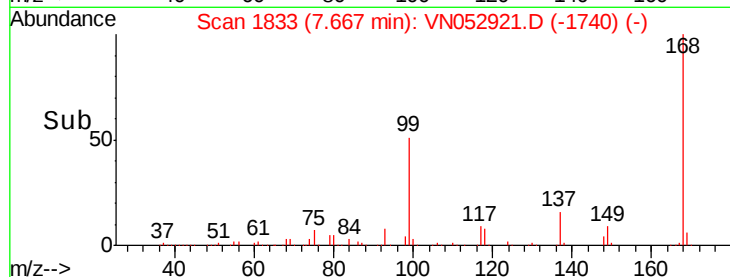
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 21.469 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN052921.D

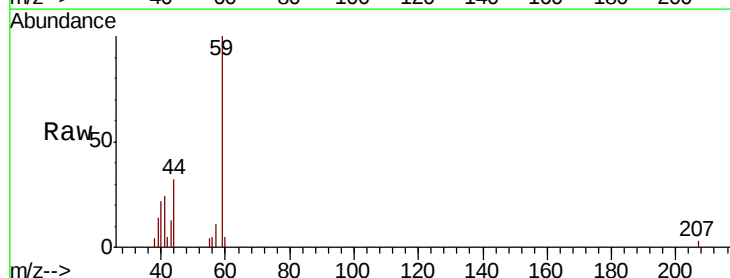
Acq: 17 Dec 2018 12:31

Tgt Ion: 59 Resp: 17034

Ion Ratio Lower Upper

59 100

57 6.9 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN052827.D (-908) (-)

Ion 57.00 (56.70 to 57.70): VN052827.D (-908) (-)

4.78

5000

4000

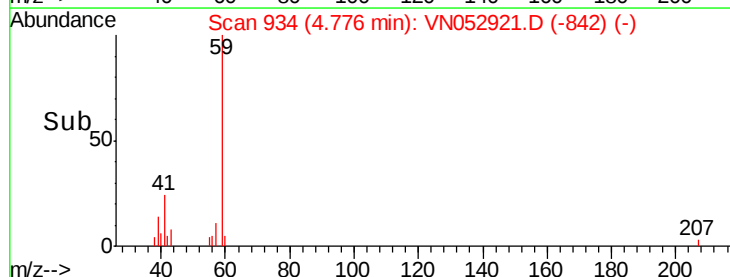
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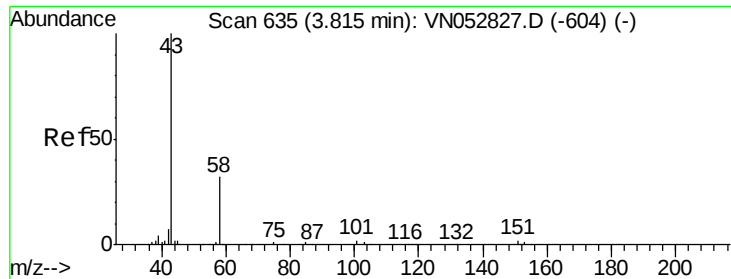
2000

1000

0

Time-->





#16

Acetone

Concen: 76.300 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

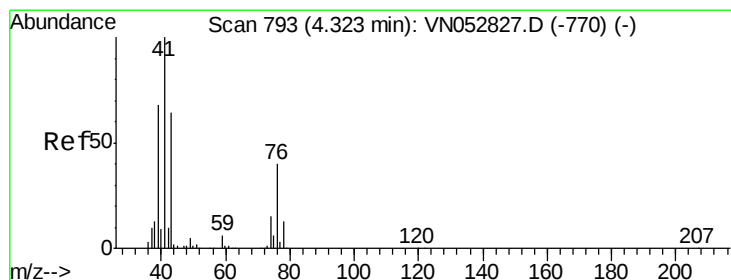
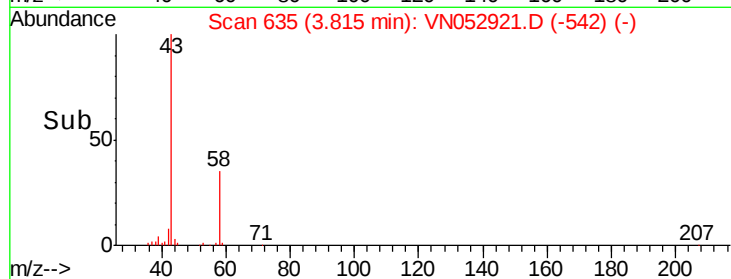
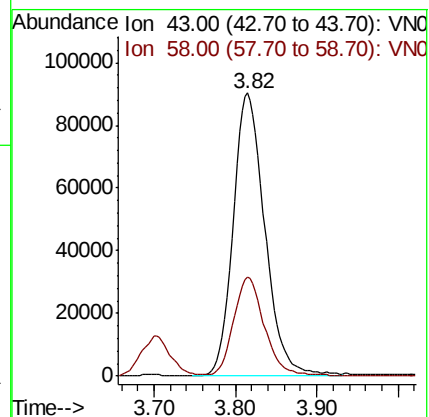
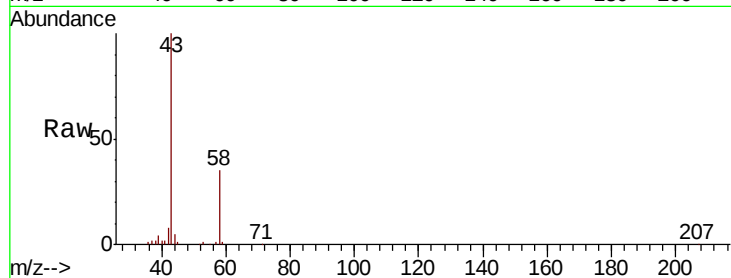
23573

Tot Ion: 43 Resp: 243335

Ion Ratio Lower Upper

43 100

58 35.0 25.4 38.0



#18

Methyl Acetate

Concen: 2.394 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN052921.D

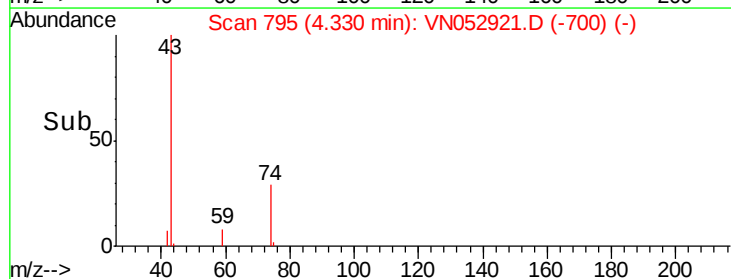
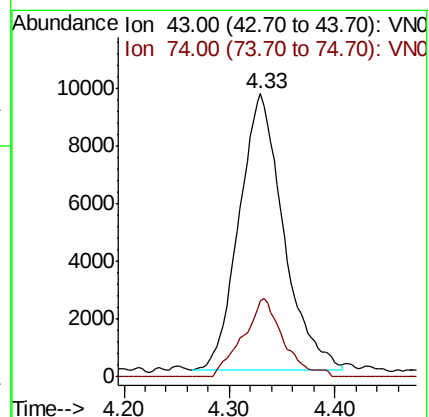
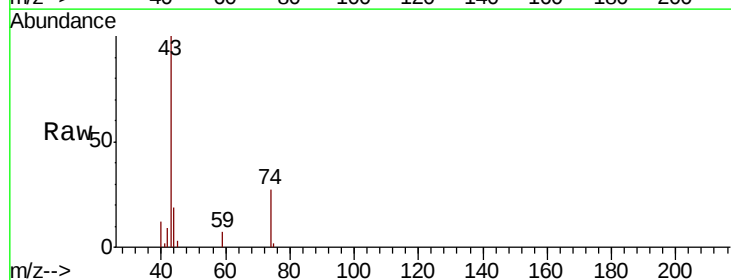
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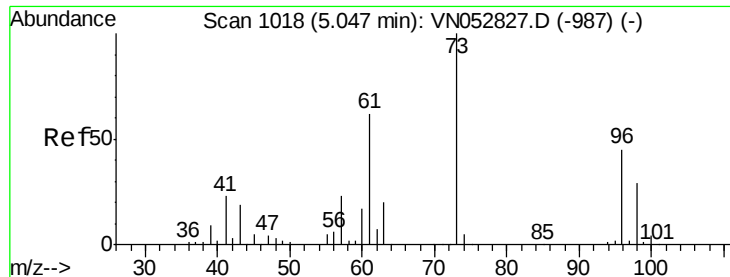
Tgt Ion: 43 Resp: 28022

Ion Ratio Lower Upper

43 100

74 25.8 19.2 28.8

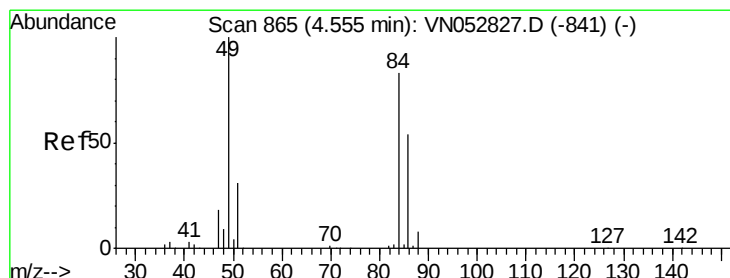
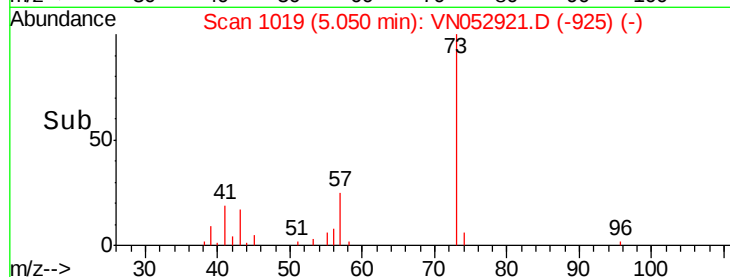
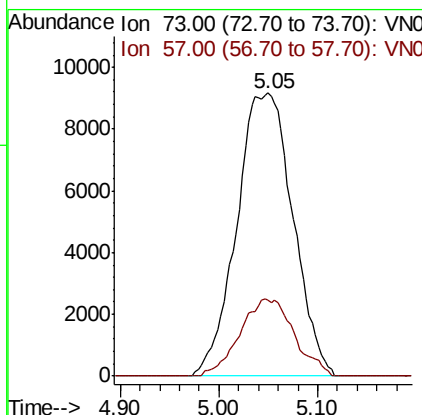
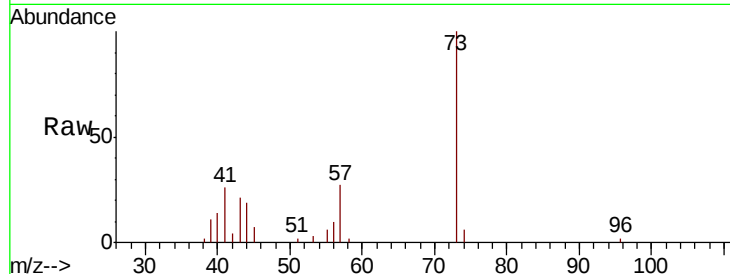




#19
Methyl tert-butyl Ether
Concen: 1.083 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

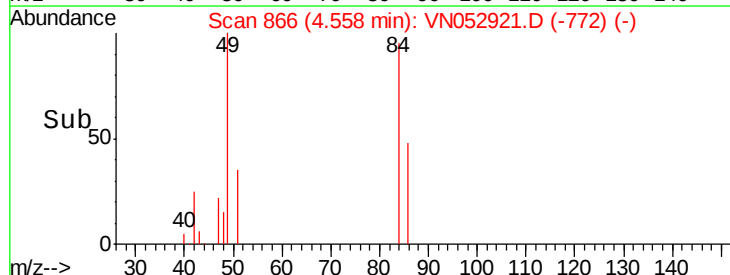
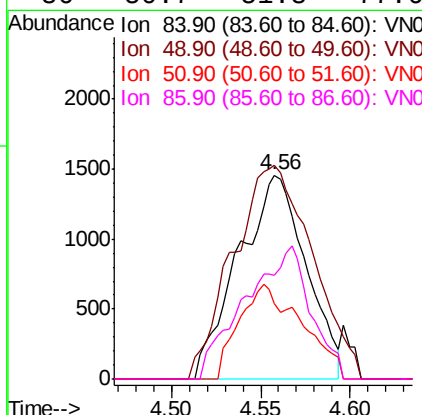
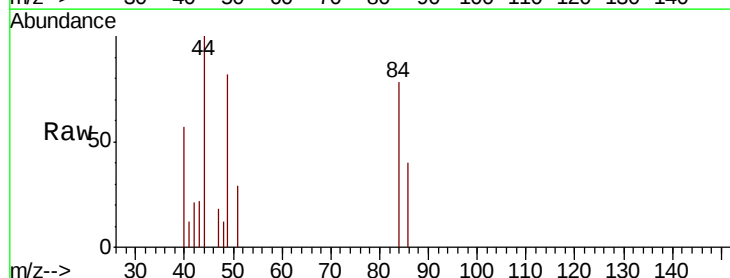
Instrument :
MSVOA_N
ClientSampled :
23573

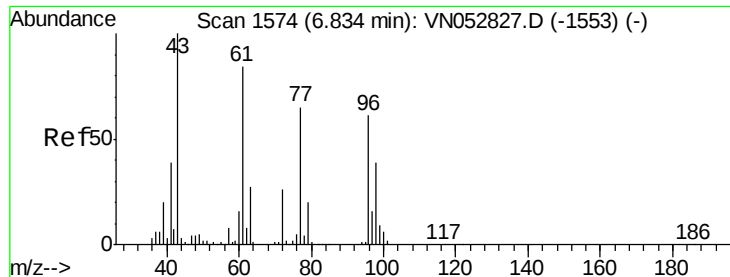
Tot Ion: 73 Resp: 36090
Ion Ratio Lower Upper
73 100
57 26.8 18.4 27.6



#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 84 Resp: 3851
Ion Ratio Lower Upper
84 100
49 104.9 96.8 145.2
51 36.9 29.9 44.9
86 50.7 51.8 77.6#





#25

2-Butanone

Concen: 13.116 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

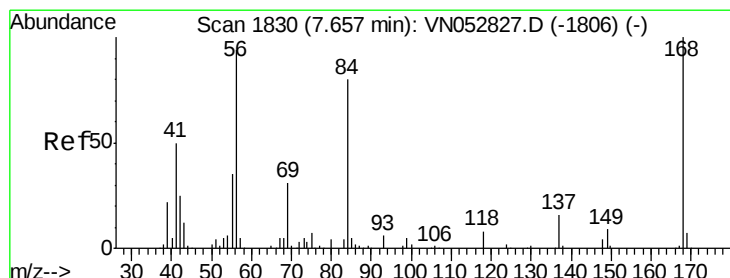
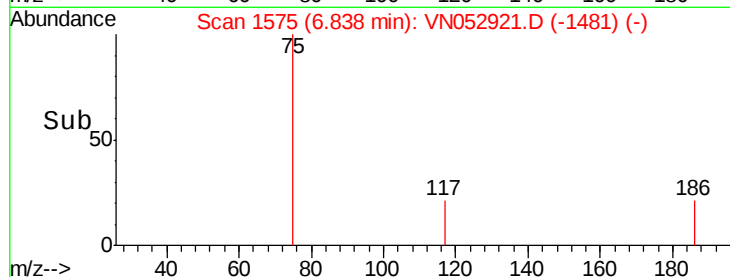
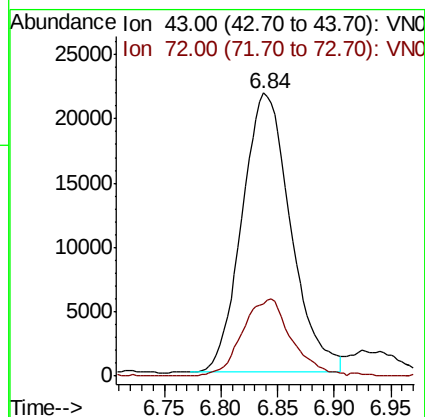
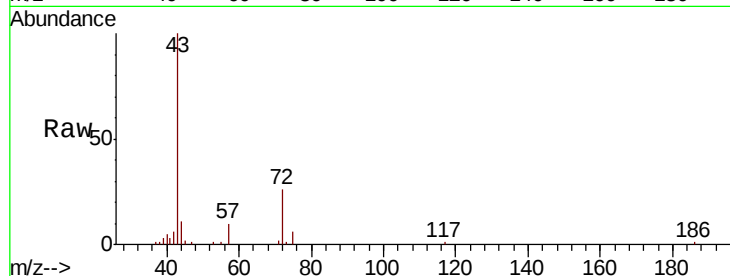
23573

Tot Ion: 43 Resp: 64904

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.6



#31

Cyclohexane

Concen: 0.486 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

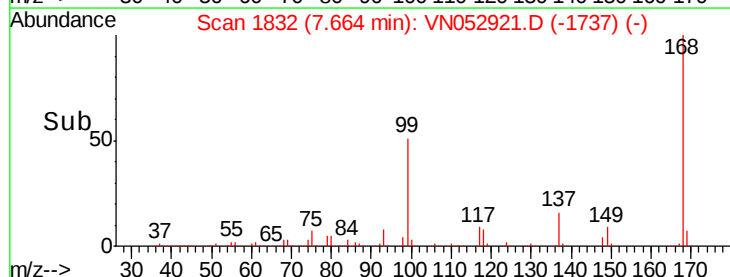
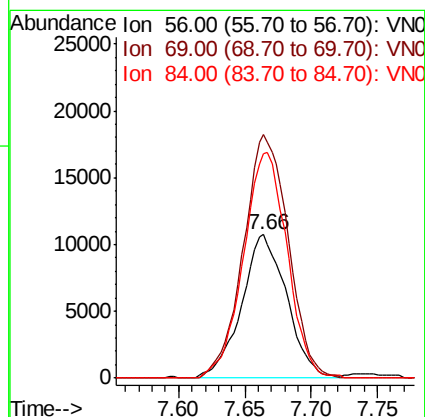
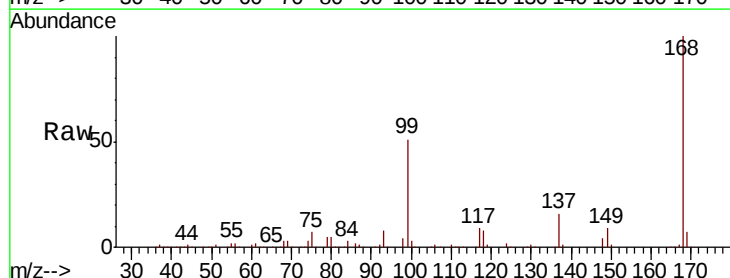
Tgt Ion: 56 Resp: 25526

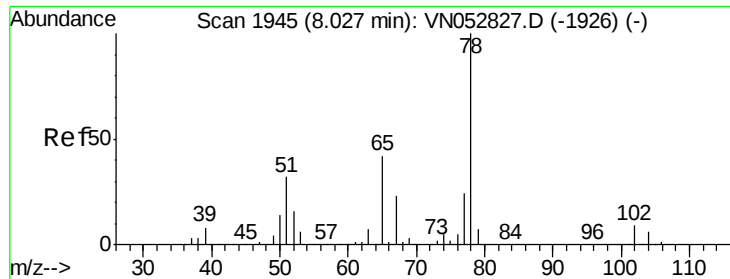
Ion Ratio Lower Upper

56 100

69 169.5 26.6 39.8#

84 156.5 68.4 102.6#

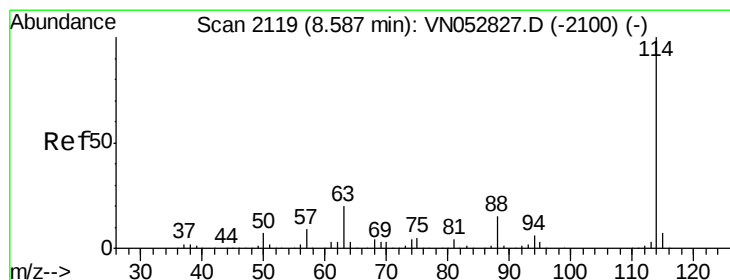
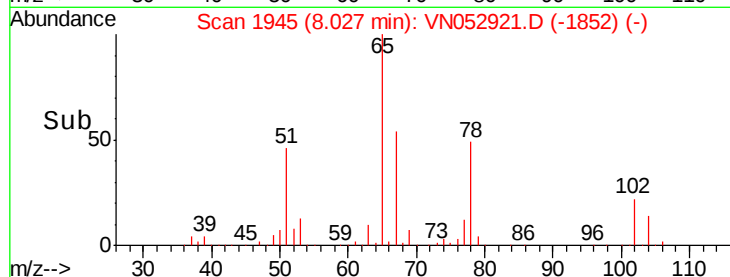
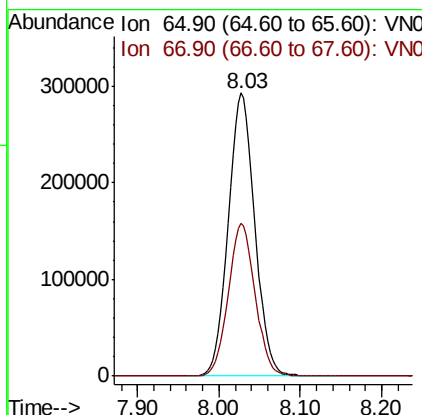
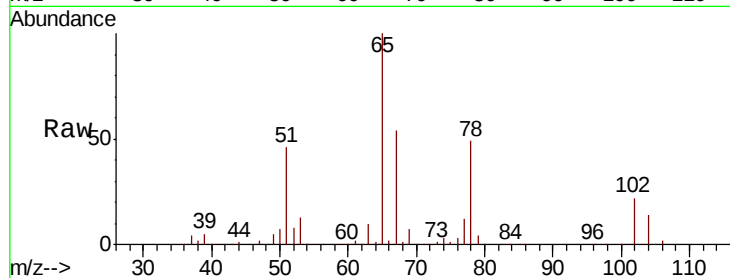




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

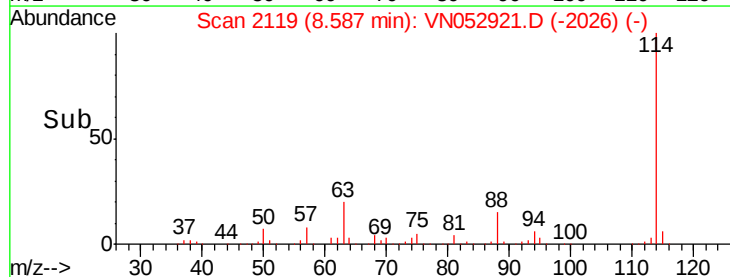
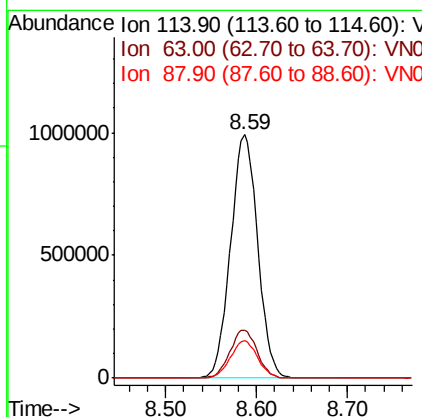
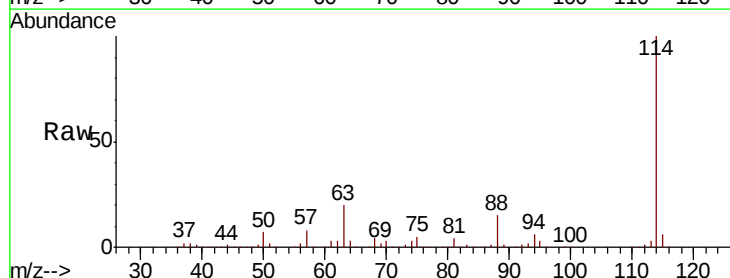
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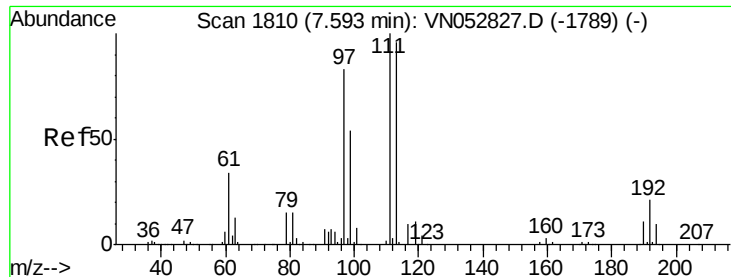
Tot Ion: 65 Resp: 669854
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 114 Resp: 2051029
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.3 0.0 31.0

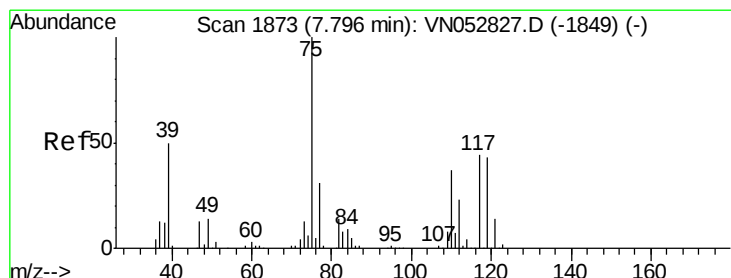
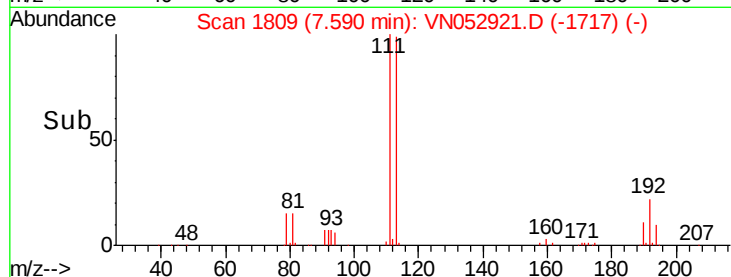
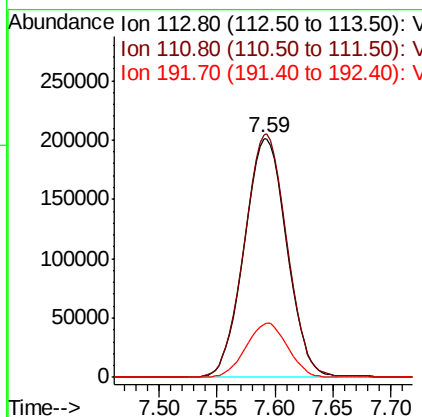
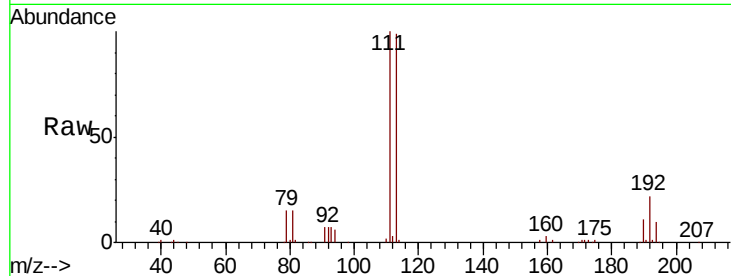




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

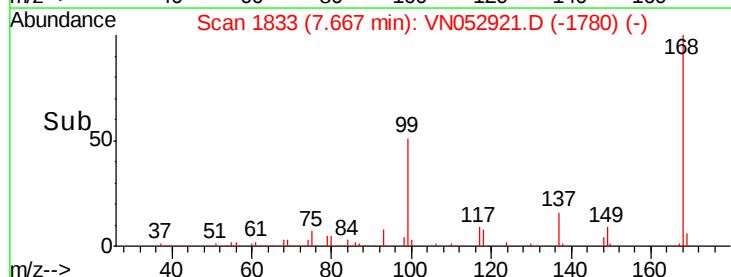
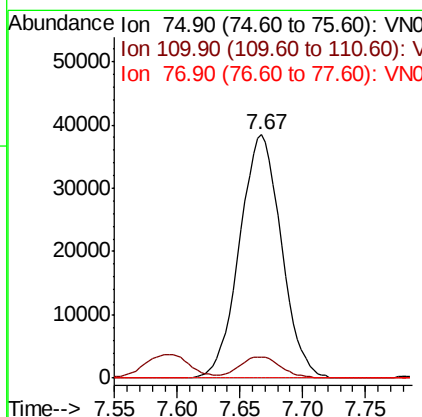
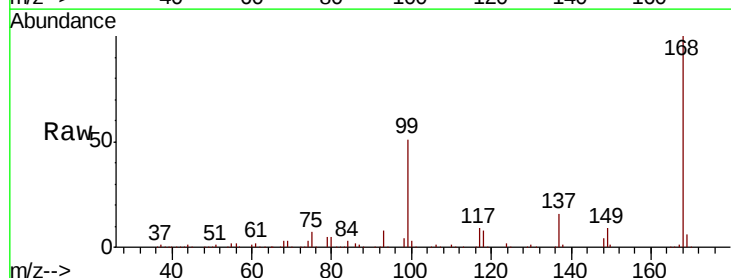
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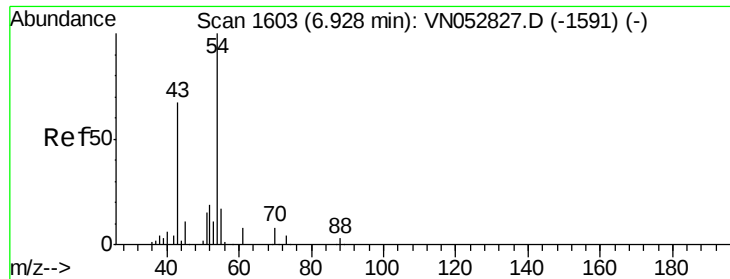
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.4
192	22.2	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.717 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.2	54.6#
77	0.0	24.9	37.3#

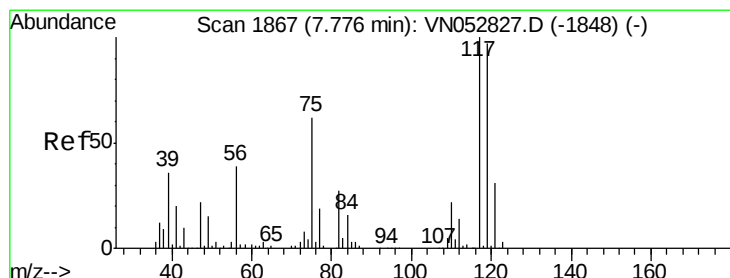
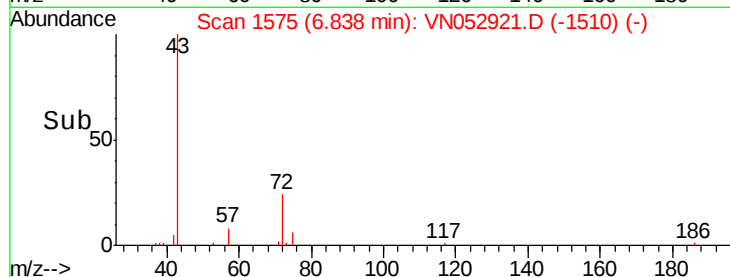
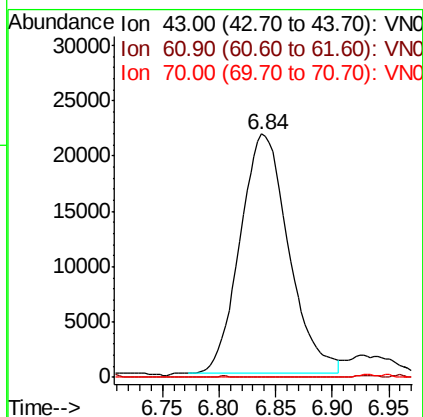
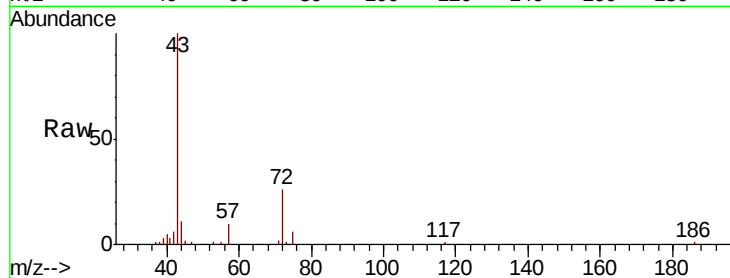




#37
Ethyl Acetate
Concen: 5.720 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.09 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

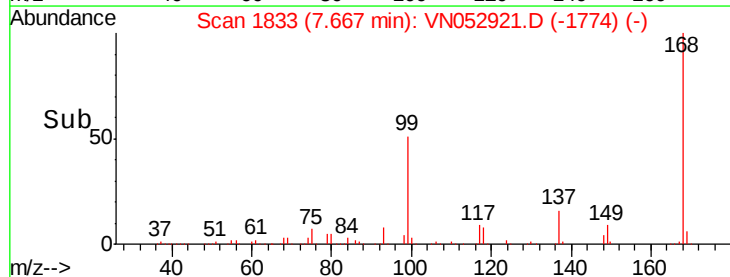
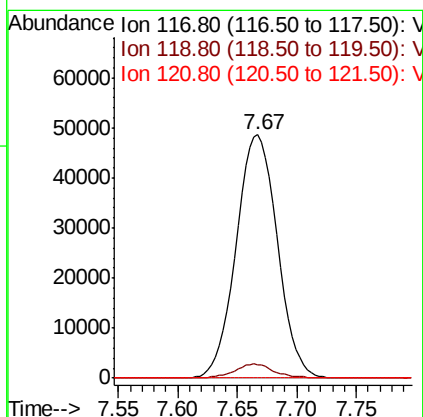
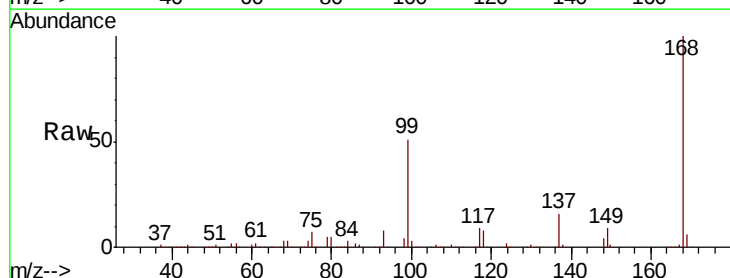
Instrument :
MSVOA_N
ClientSampleId :
23573

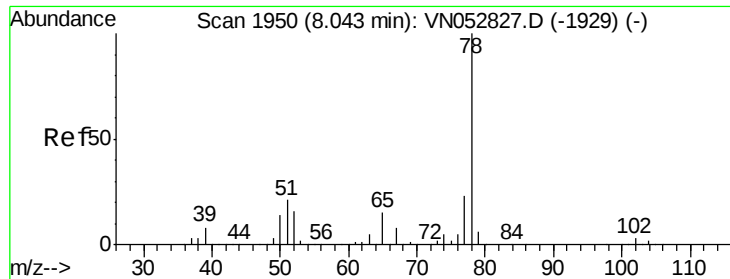
Tot Ion: 43 Resp: 64904
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 6.718 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 117 Resp: 116797
Ion Ratio Lower Upper
117 100
119 5.6 77.1 115.7#
121 0.0 24.9 37.3#





#40

Benzene

Concen: 10.233 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

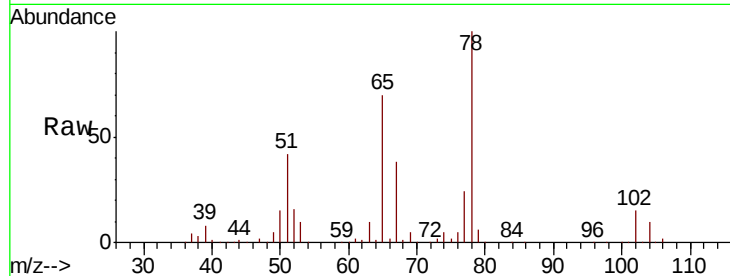
23573

Tot Ion: 78 Resp: 580081

Ion Ratio Lower Upper

78 100

77 23.6 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

250000

200000

150000

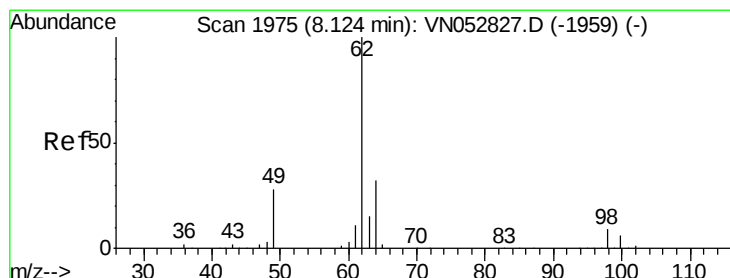
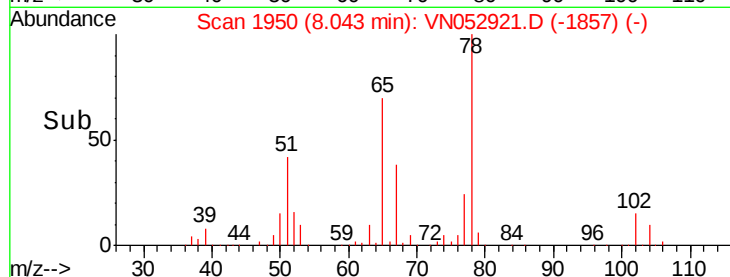
100000

50000

0

8.00 8.10

Time-->



#42

1,2-Dichloroethane

Concen: 0.288 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.08 min

Lab File: VN052921.D

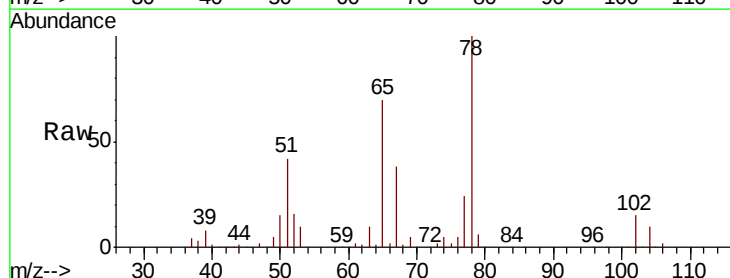
Acq: 17 Dec 2018 12:31

Tgt Ion: 62 Resp: 4923

Ion Ratio Lower Upper

62 100

98 15.3 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

2000

1500

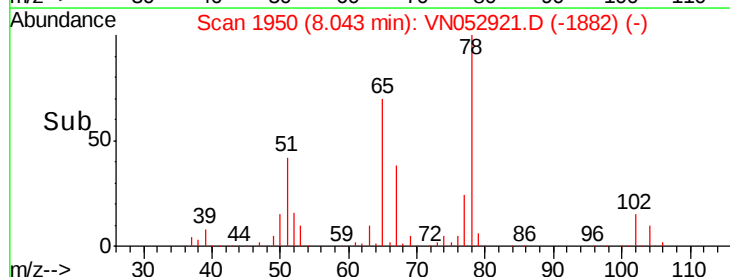
1000

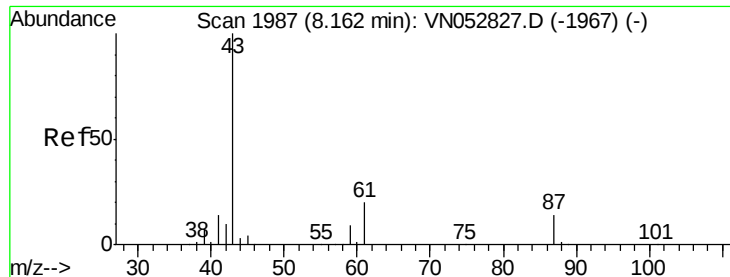
500

0

8.00 8.05 8.10

Time-->





#43

Isopropyl Acetate

Concen: 1.242 ug/l

RT: 8.23 min Scan# 2008

Delta R.T. 0.07 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

23573

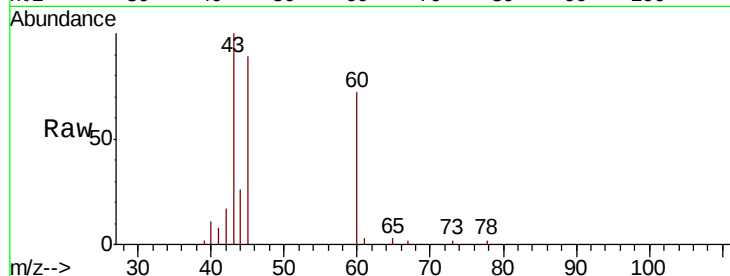
Tot Ion: 43 Resp: 28903

Ion Ratio Lower Upper

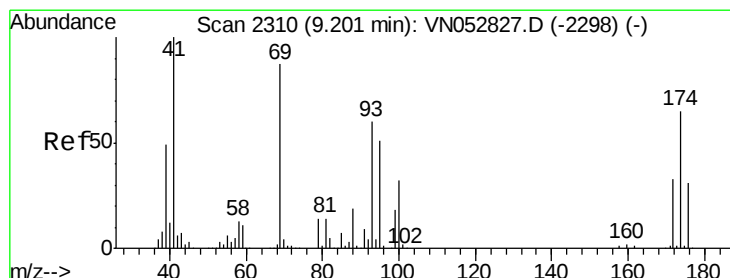
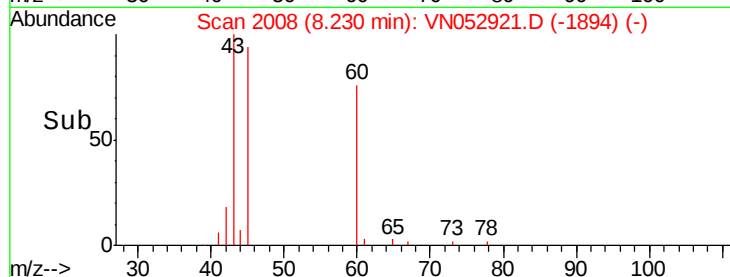
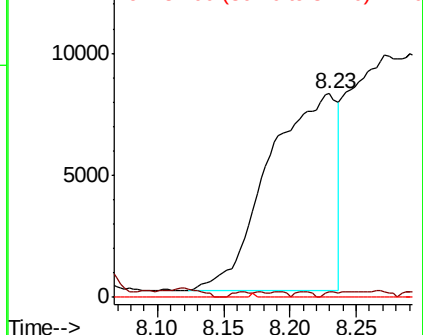
43 100

61 0.0 22.9 34.3#

87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 0.701 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.03 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

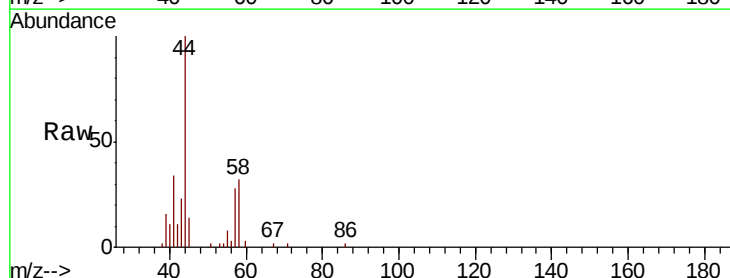
Tgt Ion: 41 Resp: 7154

Ion Ratio Lower Upper

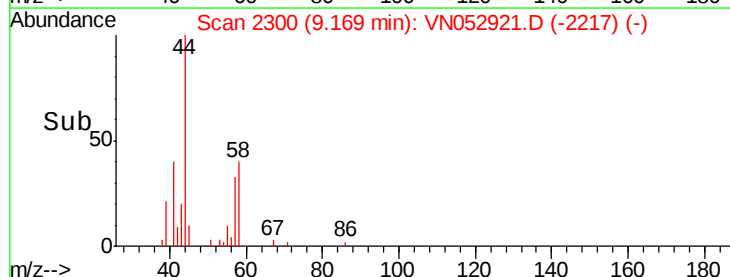
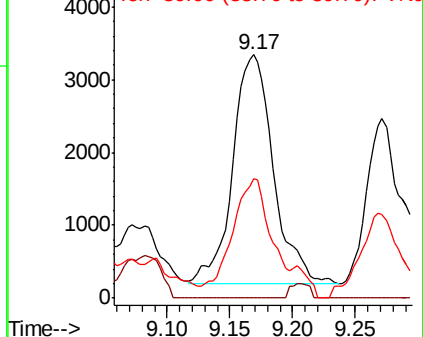
41 100

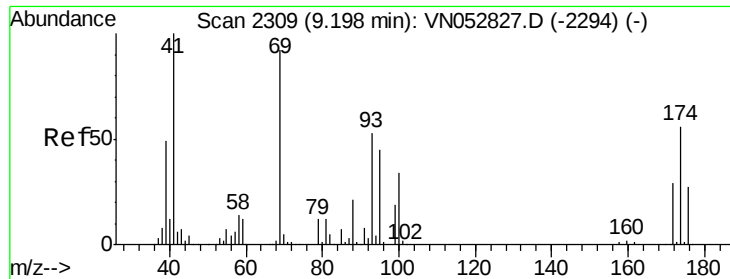
69 0.0 72.2 108.2#

39 40.6 41.9 62.9#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 8.014 ug/l

RT: 9.41 min Scan# 2376

Delta R.T. 0.22 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

23573

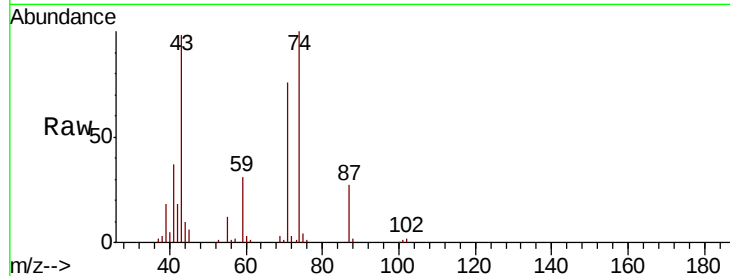
Tot Ion: 88 Resp: 928

Ion Ratio Lower Upper

88 100

43 6575.1 26.6 40.0#

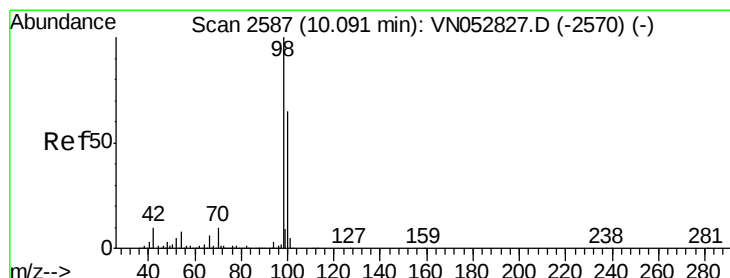
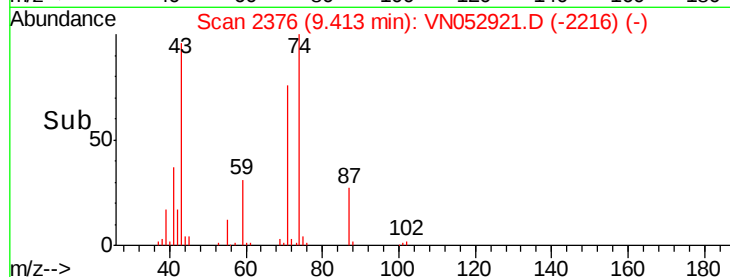
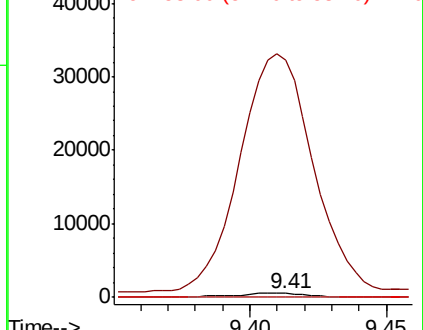
58 0.0 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 8.014 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052921.D

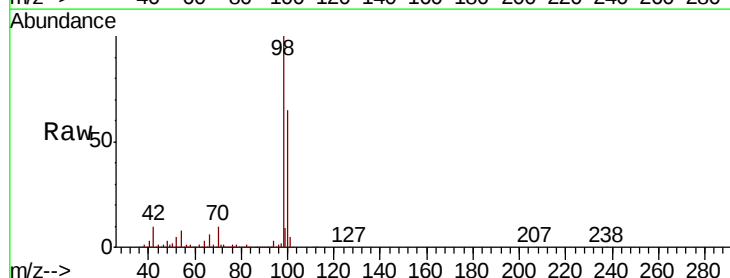
Acq: 17 Dec 2018 12:31

Tgt Ion: 98 Resp: 2527601

Ion Ratio Lower Upper

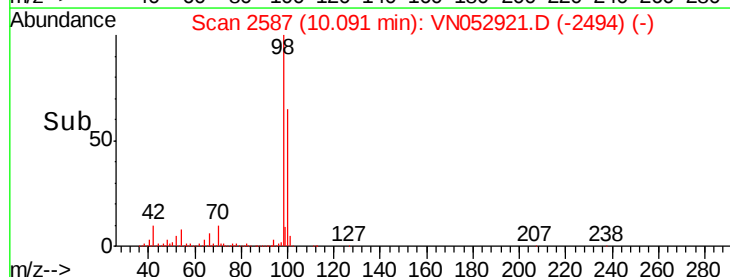
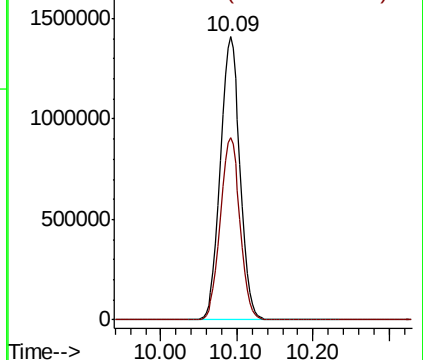
98 100

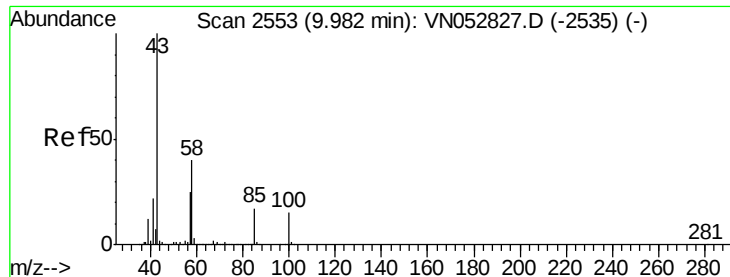
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

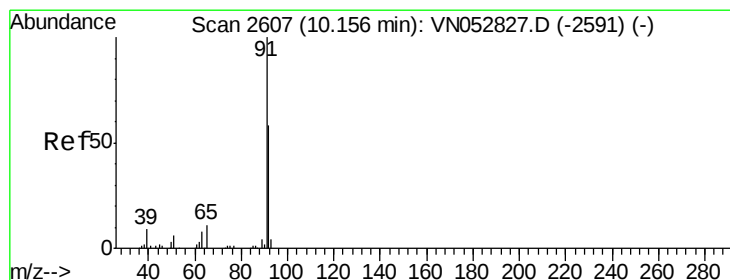
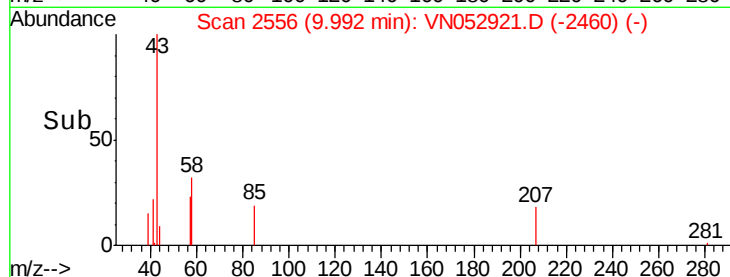
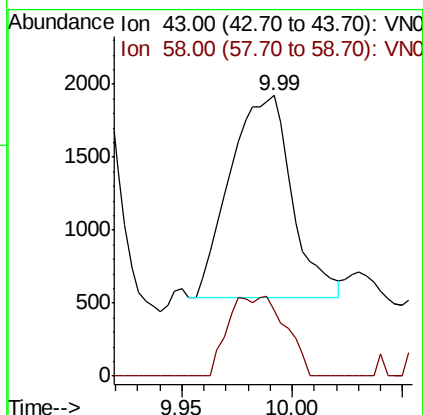
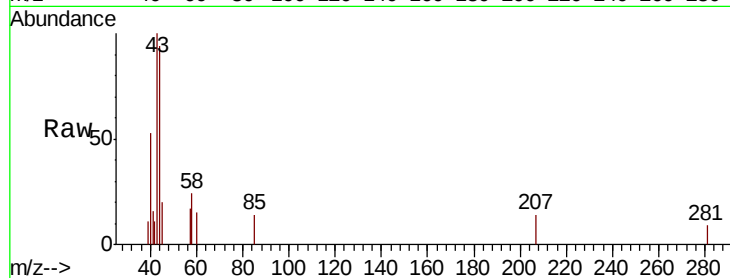




#51
 4-Methyl-2-Pentanone
 Concen: 0.253 ug/l
 RT: 9.99 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

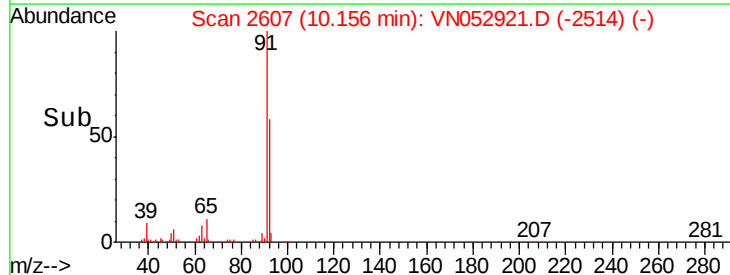
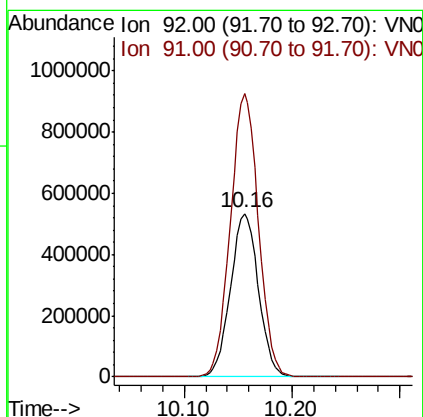
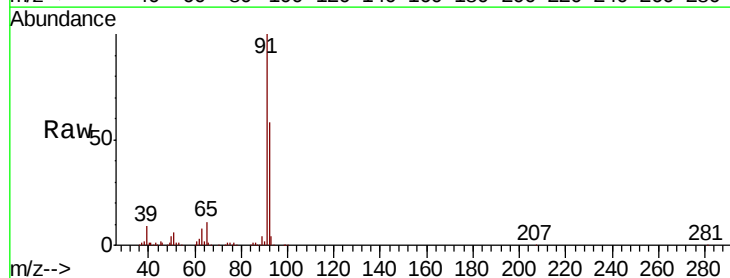
Instrument :
 MSVOA_N
 ClientSampleID :
 23573

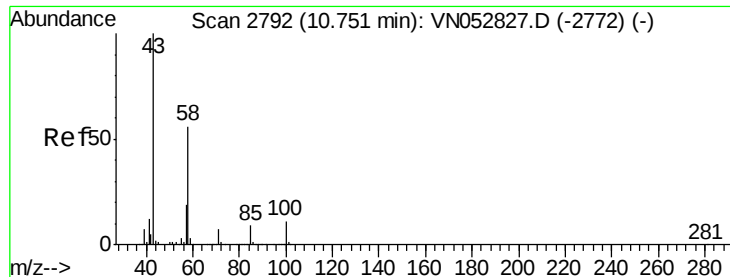
Tot Ion: 43 Resp: 2698
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.2 48.4#



#52
 Toluene
 Concen: 28.026 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 92 Resp: 962240
 Ion Ratio Lower Upper
 92 100
 91 174.2 139.8 209.6

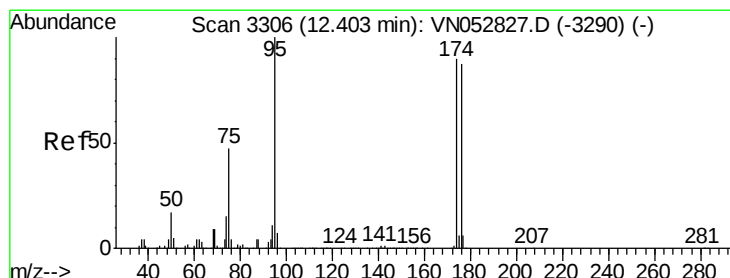
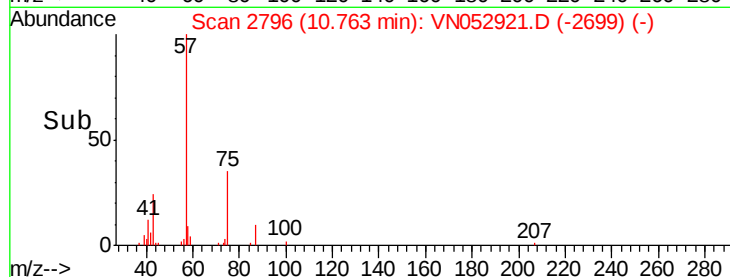
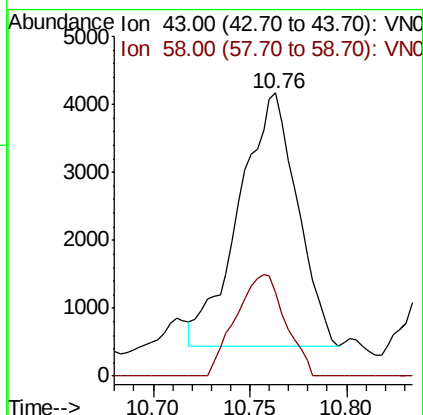
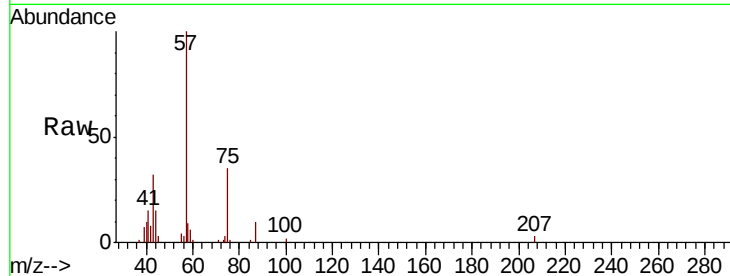




#59
2-Hexanone
Concen: 1.070 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

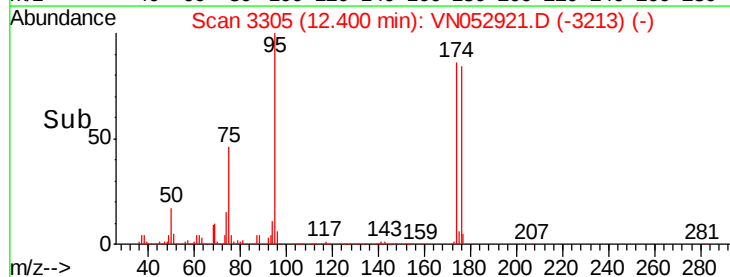
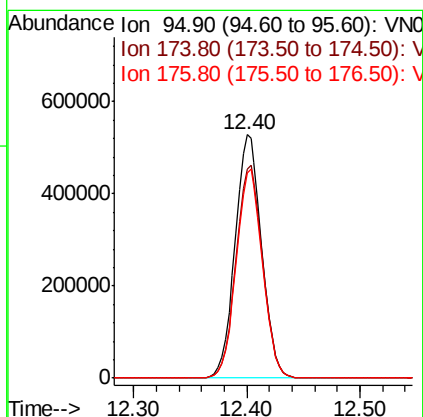
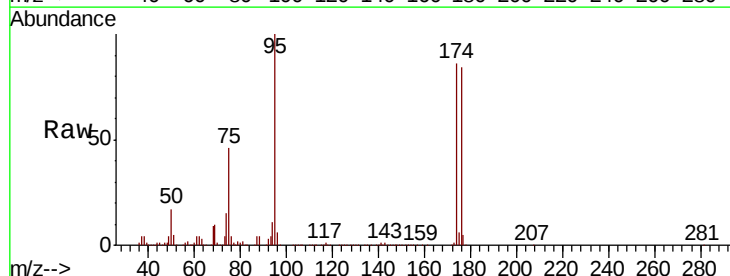
Instrument :
MSVOA_N
ClientSampleId :
23573

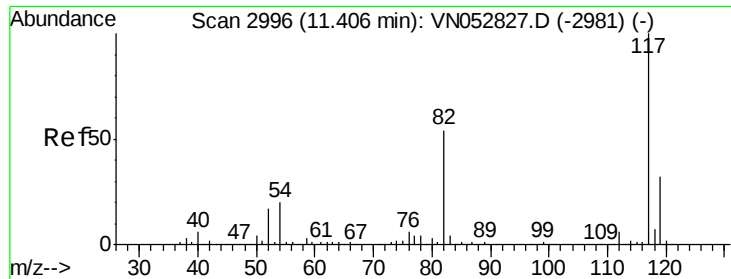
Tot Ion: 43 Resp: 7819
Ion Ratio Lower Upper
43 100
58 34.2 28.1 84.3



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 95 Resp: 859552
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.8
176 85.2 0.0 173.8

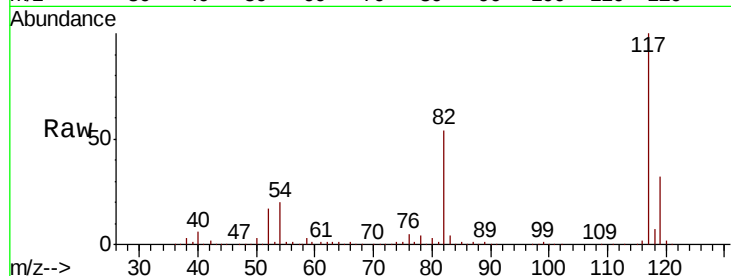




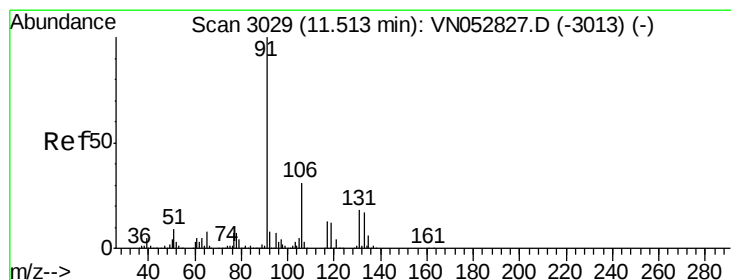
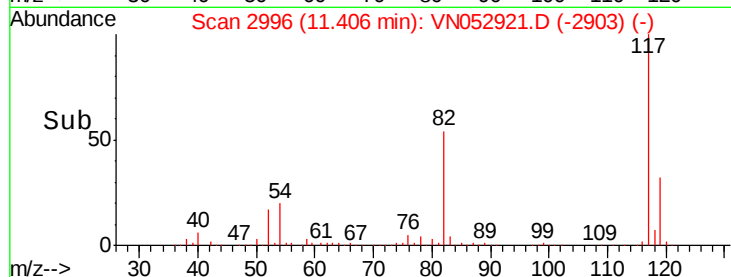
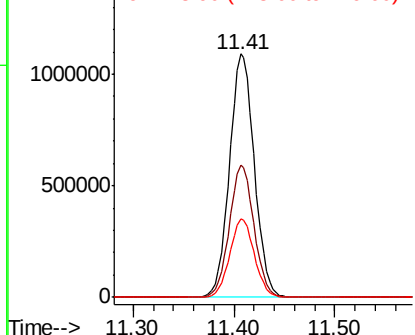
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_N
ClientSampled :
23573

Tot Ion:117 Resp: 1868702
Ion Ratio Lower Upper
117 100
82 54.2 42.8 64.2
119 32.1 25.5 38.3

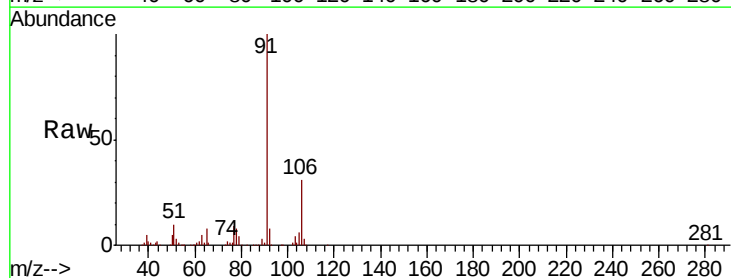


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

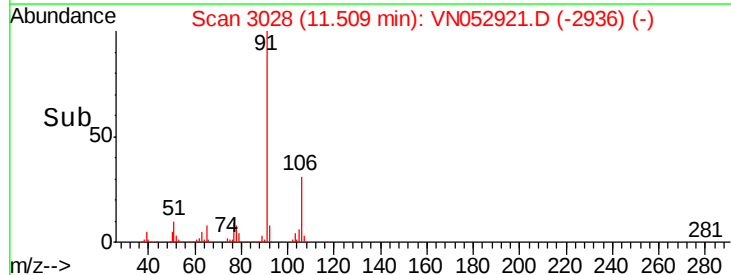
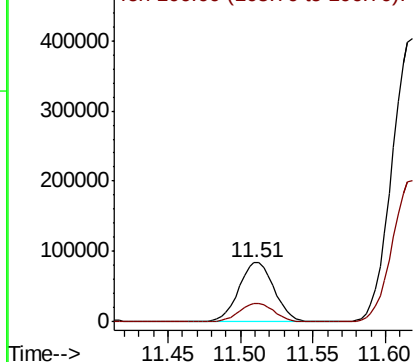


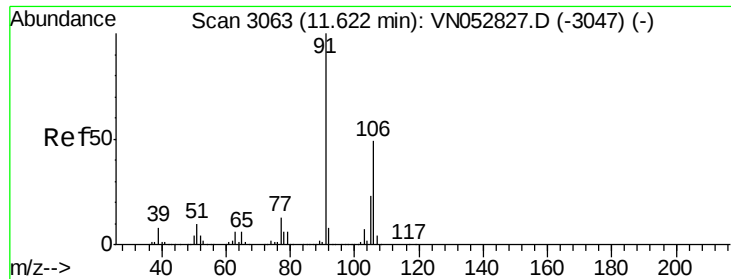
#67
Ethyl Benzene
Concen: 2.166 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 91 Resp: 144226
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



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





#68

m/p-Xylenes

Concen: 14.795 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

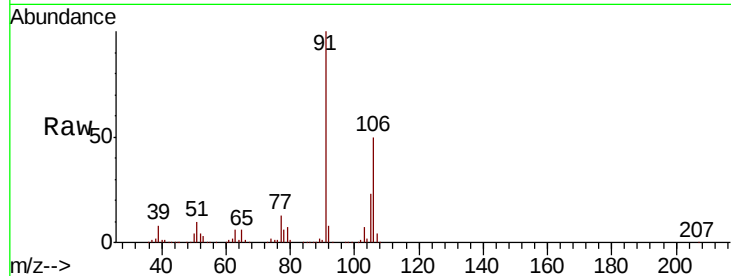
23573

Tot Ion:106 Resp: 369874

Ion Ratio Lower Upper

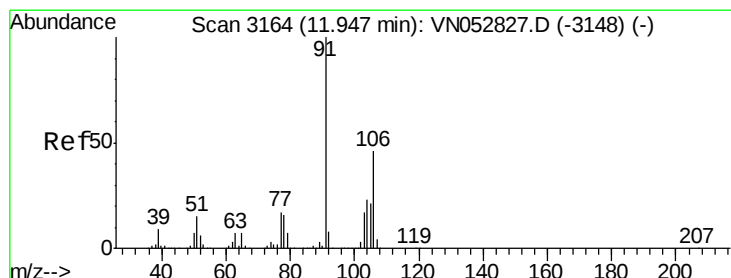
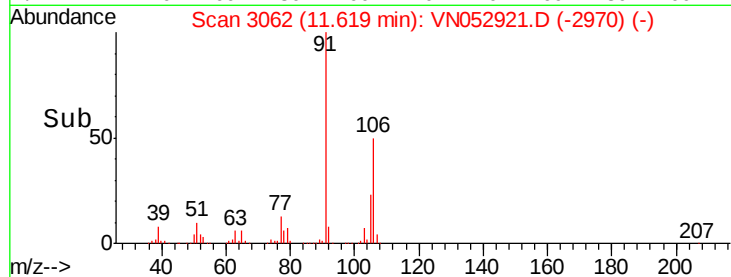
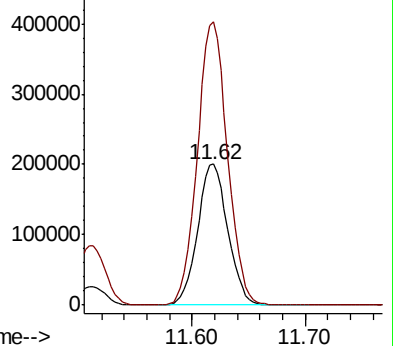
106 100

91 201.1 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 7.689 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN052921.D

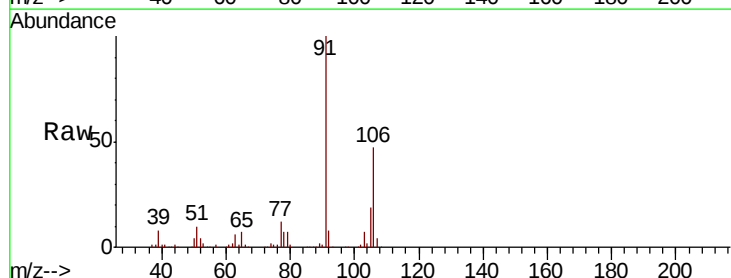
Acq: 17 Dec 2018 12:31

Tgt Ion:106 Resp: 187707

Ion Ratio Lower Upper

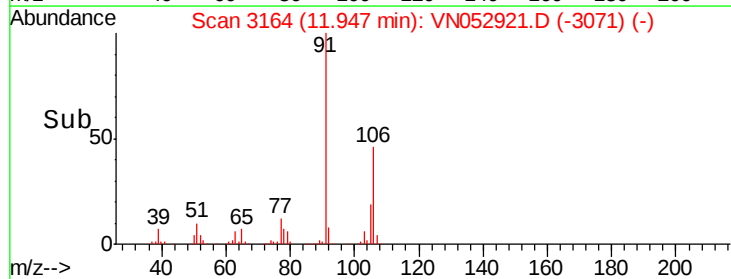
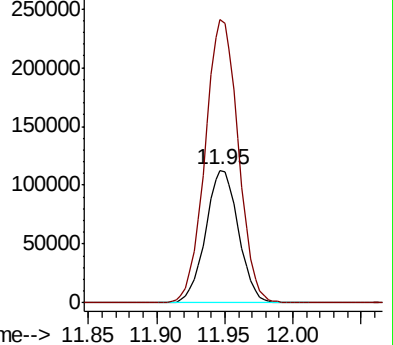
106 100

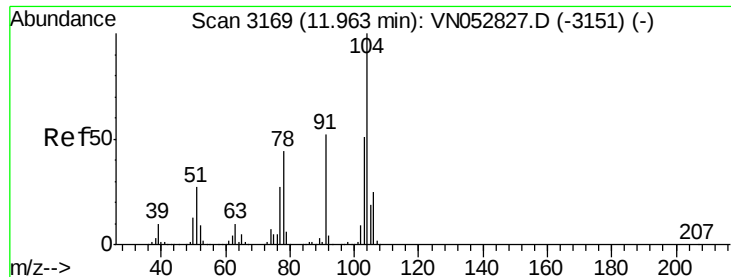
91 216.0 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

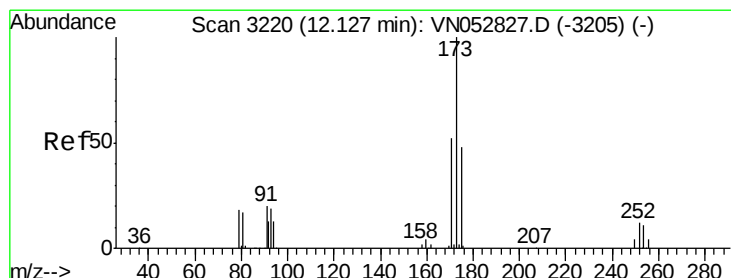
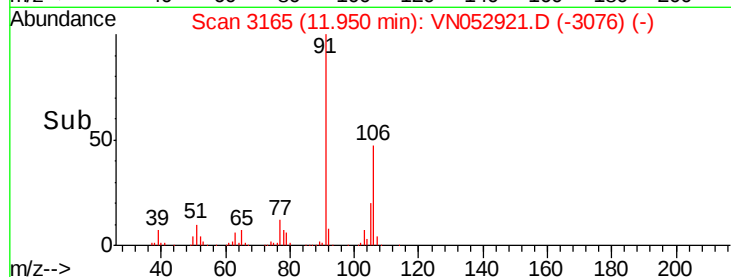
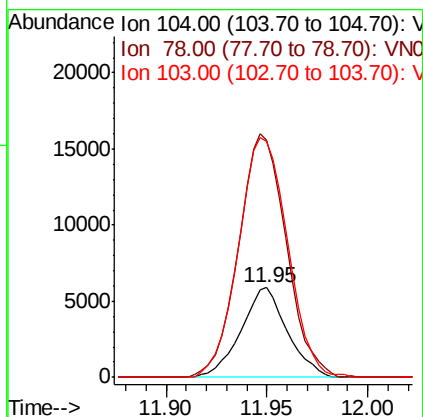
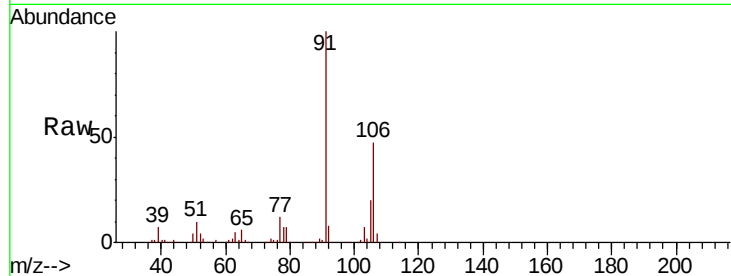




#70
Stvrene
Concen: 0.240 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

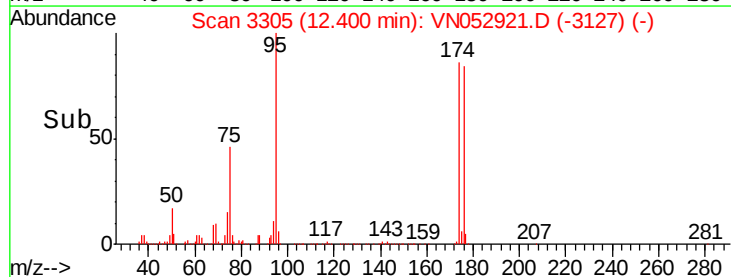
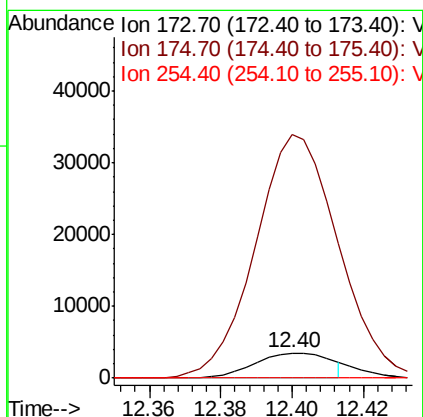
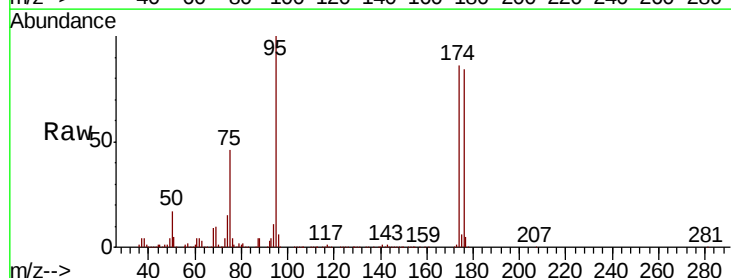
Instrument :
MSVOA_N
ClientSampleId :
23573

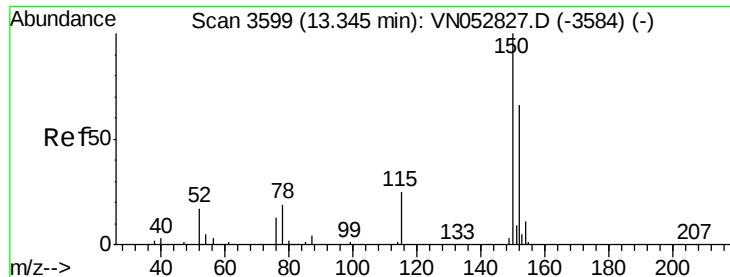
Tot Ion:104 Resp: 9421
Ion Ratio Lower Upper
104 100
78 281.1 38.9 58.3#
103 284.5 44.3 66.5#



#71
Bromoform
Concen: 0.565 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

Tgt Ion:173 Resp: 5173
Ion Ratio Lower Upper
173 100
175 930.3 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

23573

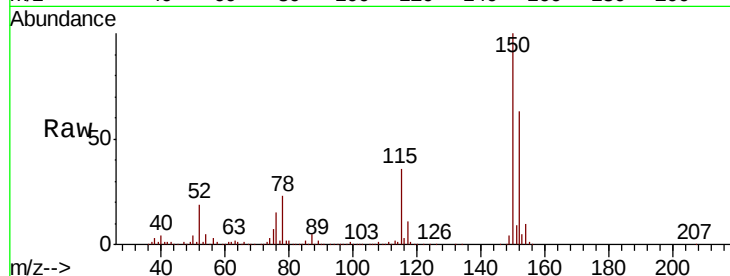
Tot Ion:152 Resp: 770184

Ion Ratio Lower Upper

152 100

115 57.2 28.3 85.0

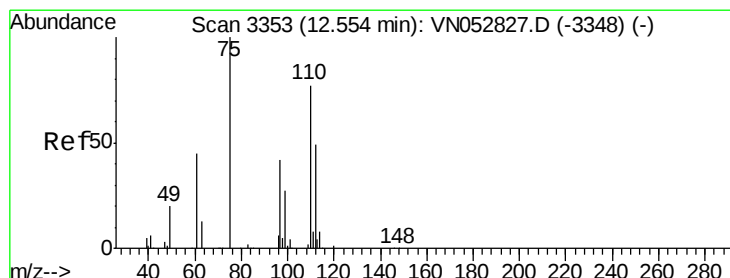
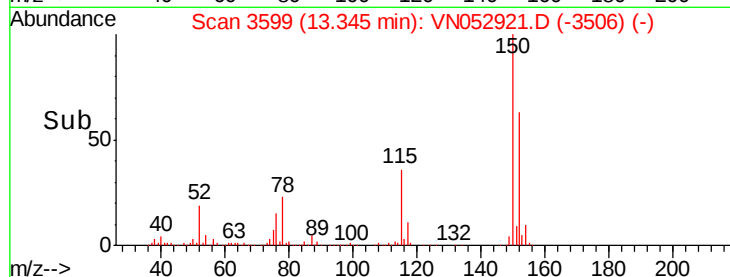
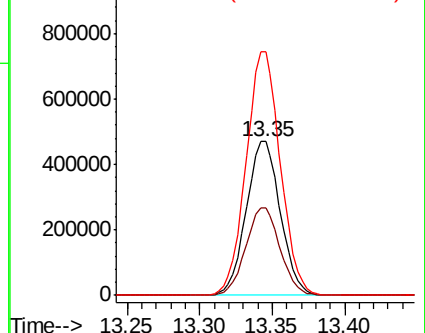
150 158.9 0.0 347.8



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



#76

1,2,3-Trichloropropane

Concen: 35.511 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052921.D

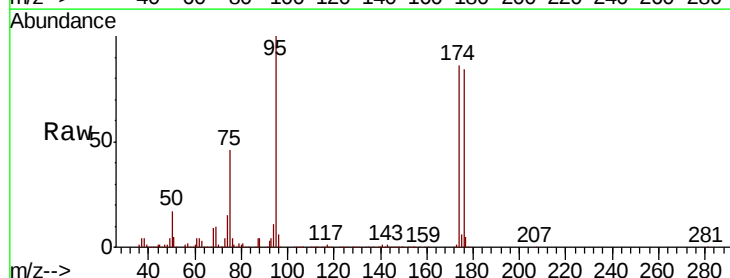
Acq: 17 Dec 2018 12:31

Tgt Ion: 75 Resp: 403521

Ion Ratio Lower Upper

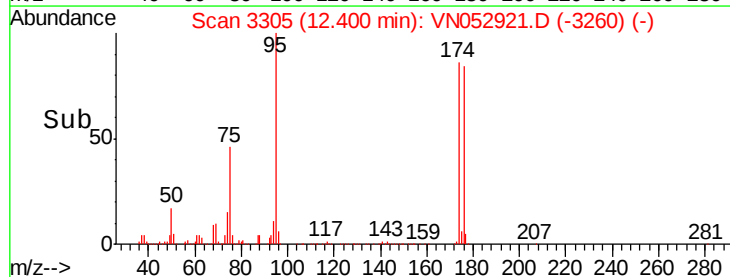
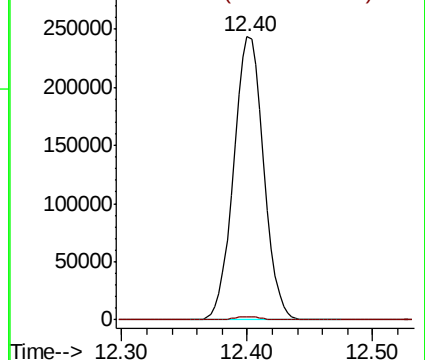
75 100

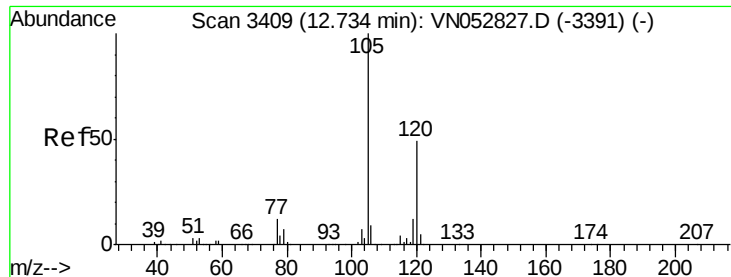
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.454 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

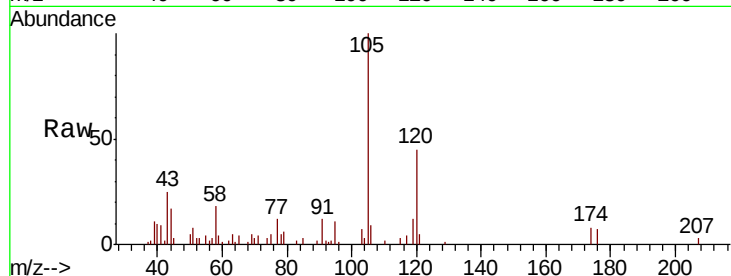
23573

Tot Ion:105 Resp: 21076

Ion Ratio Lower Upper

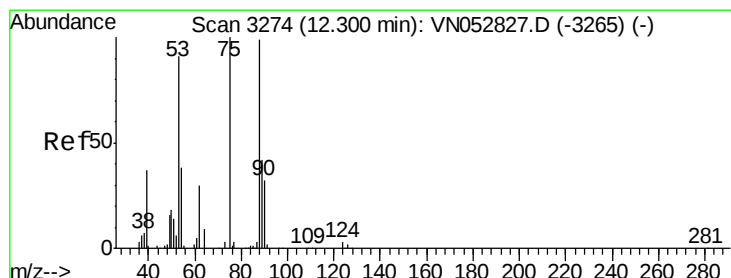
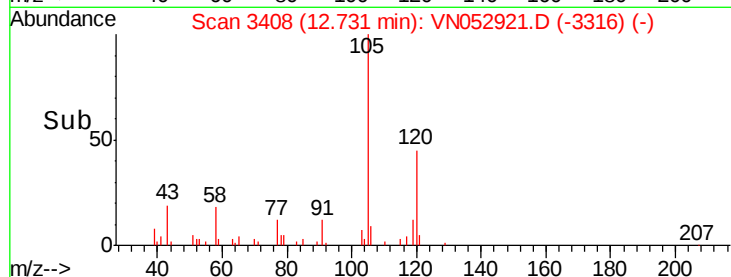
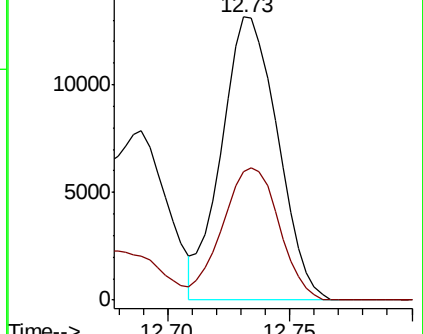
105 100

120 47.0 24.4 73.2



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: 114.079 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

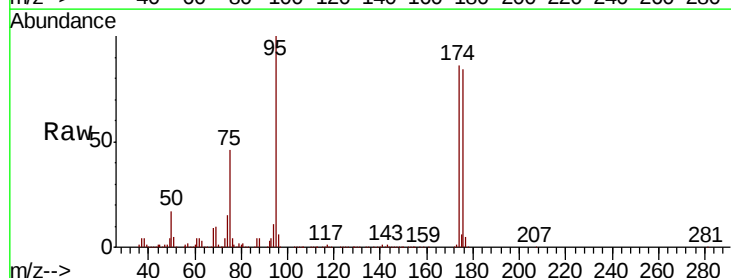
Tgt Ion: 75 Resp: 403521

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

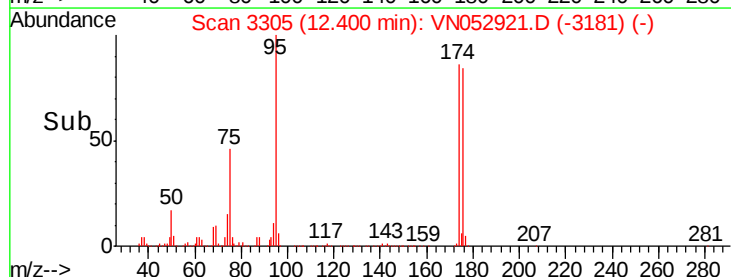
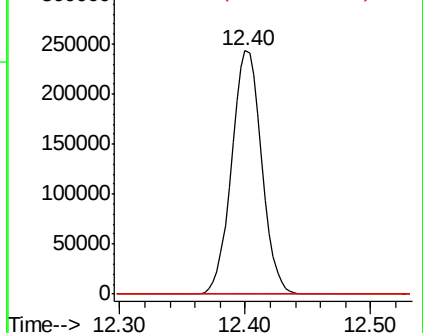
89 0.0 36.1 54.1#

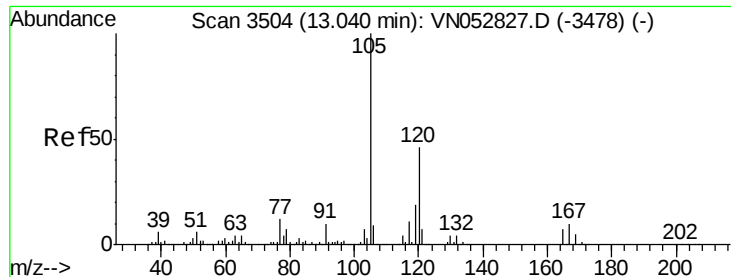


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 1.295 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

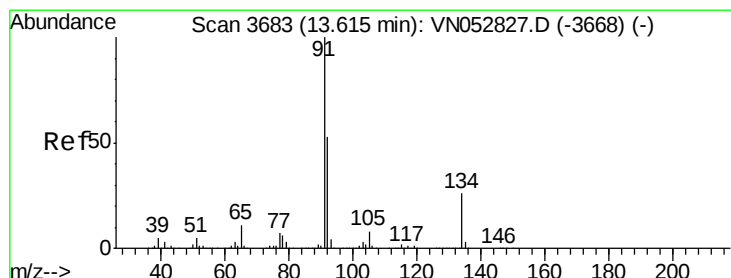
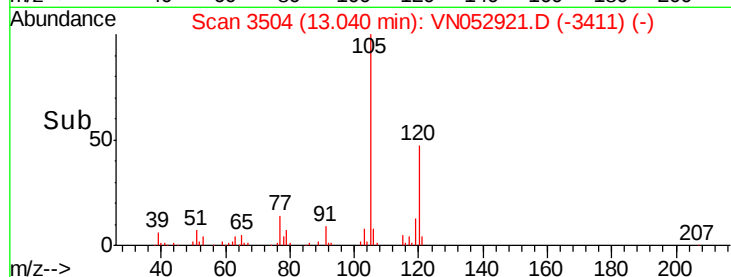
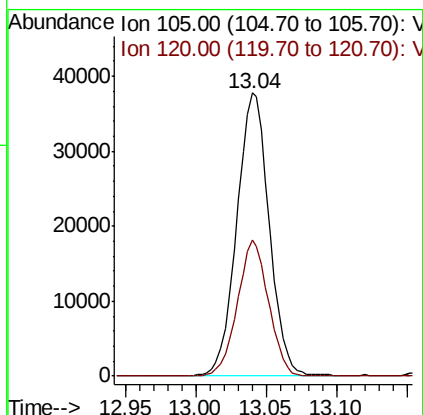
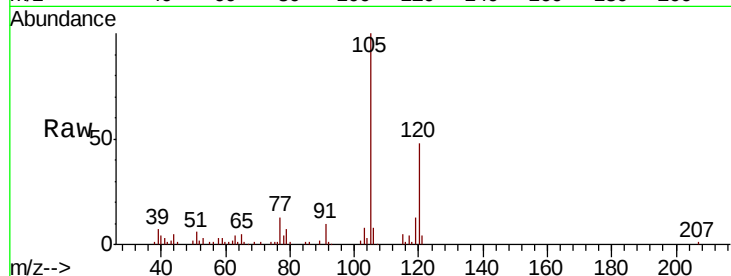
23573

Tot Ion:105 Resp: 60880

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.8



#89

n-Butylbenzene

Concen: 0.227 ug/l

RT: 13.58 min Scan# 3673

Delta R.T. -0.03 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

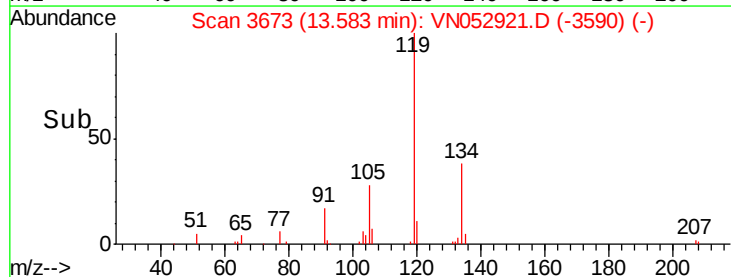
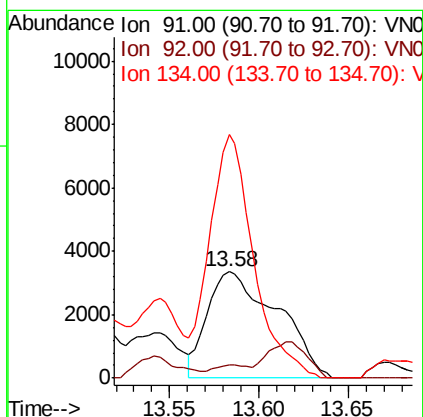
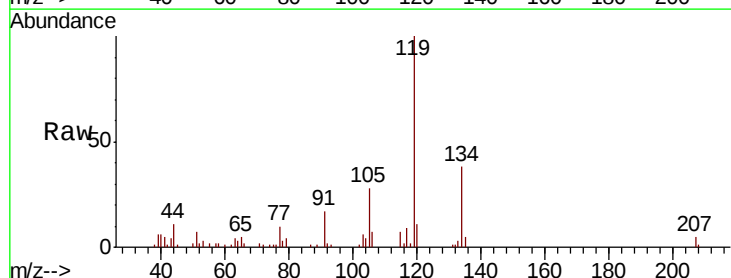
Tgt Ion: 91 Resp: 9168

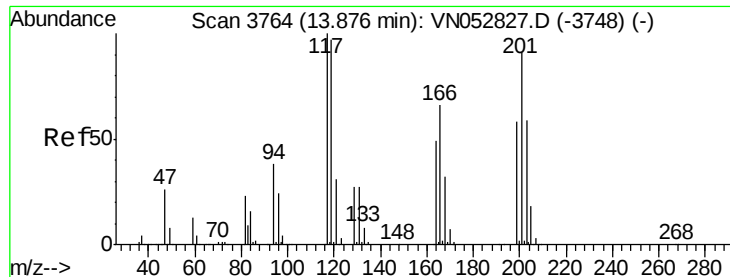
Ion Ratio Lower Upper

91 100

92 6.7 26.3 78.9#

134 143.7 13.3 39.8#





#90

Hexachloroethane

Concen: 0.893 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

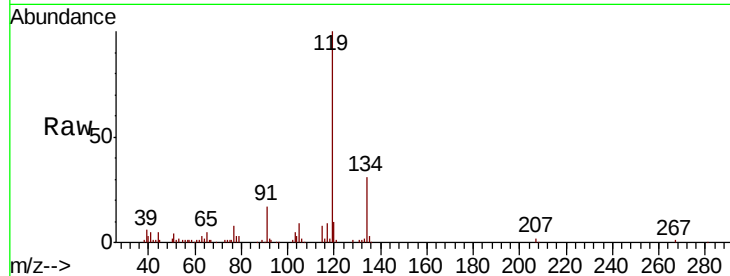
23573

Tot Ion:117 Resp: 7187

Ion Ratio Lower Upper

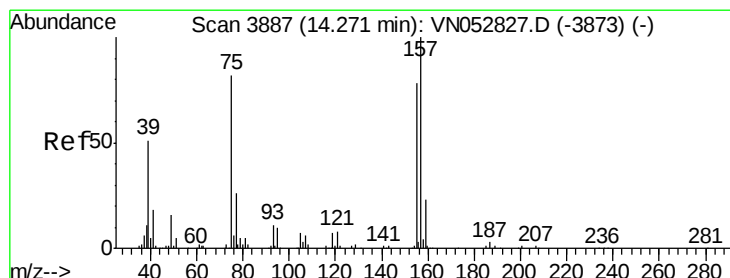
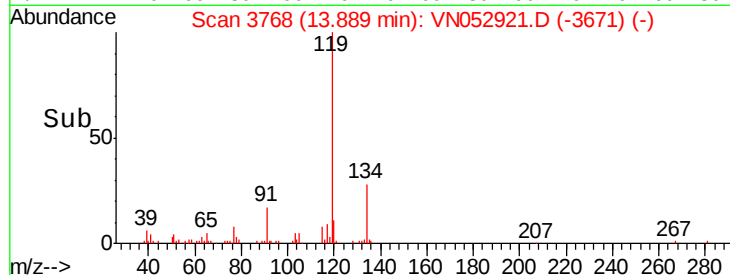
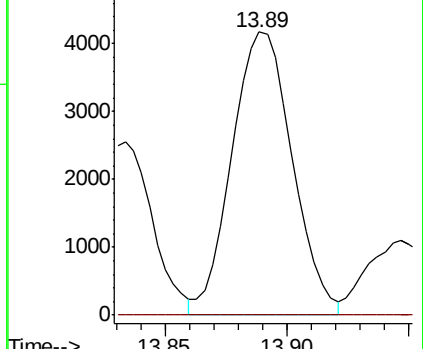
117 100

201 0.0 45.7 137.1#



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: 0.421 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

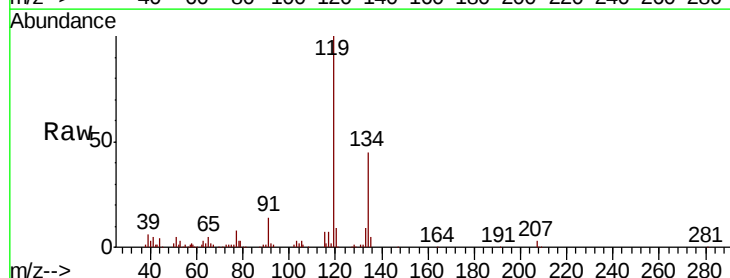
Tgt Ion: 75 Resp: 818

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

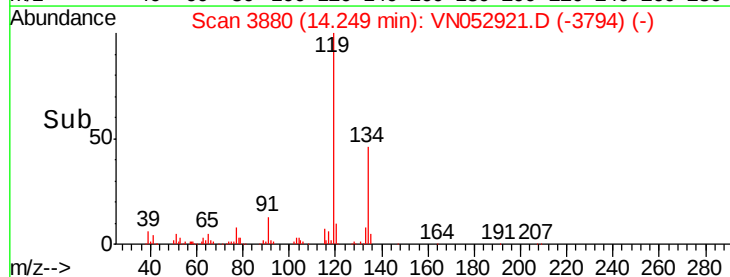
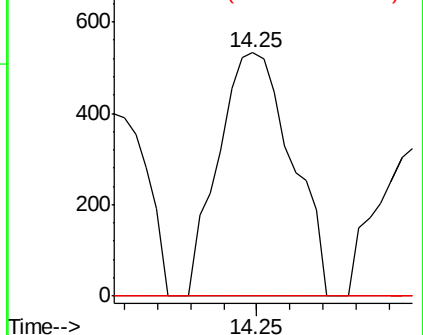
157 0.0 61.2 183.5#

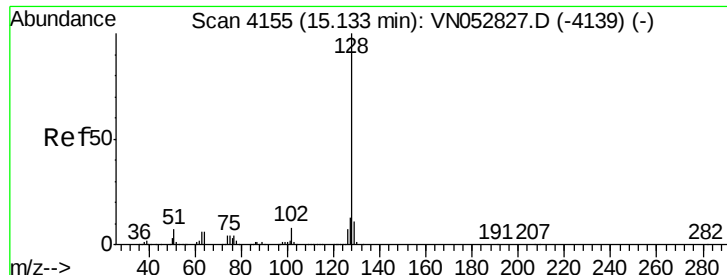


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1.513 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

23573

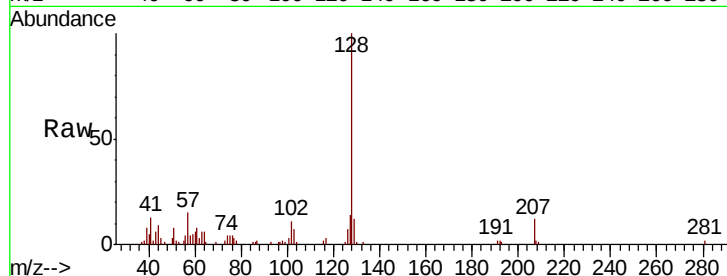
Tot Ion:128 Resp: 42601

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.2 8.6 13.0



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

