

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053605.D
 Acq On : 4 Feb 2019 19:04
 Operator : JC/SP
 Sample : K1359-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Feb 05 01:29:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	846430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1328351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1200142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	545339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	424789	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.59	113	414703	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	10.09	98	1588543	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	552872	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.41	74	1473	0.305	ug/l #	2
11) Tert butyl alcohol	4.78	59	166869	332.053	ug/l	99
13) Acrolein	3.61	56	1333	4.872	ug/l #	71
14) Allyl chloride	4.10	41	8641133	692.398	ug/l #	64
16) Acetone	4.10	43	15619183	7171.187	ug/l #	44
18) Methyl Acetate	4.10	43	20889831	3238.563	ug/l #	51
20) Methylene Chloride	4.56	84	9532	1.043	ug/l	97
25) 2-Butanone	6.84	43	255842	82.360	ug/l	98
29) Tetrahydrofuran	7.19	42	4628	2.320	ug/l #	65
31) Cyclohexane	7.67	56	14004	0.809	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	50869	4.248	ug/l #	48
37) Ethyl Acetate	6.93	43	20979	3.137	ug/l	97
38) Carbon Tetrachloride	7.67	117	65452	5.426	ug/l #	15
40) Benzene	8.04	78	246255	6.669	ug/l	100
41) Methacrylonitrile	7.19	41	19438	5.200	ug/l #	36
43) Isopropyl Acetate	8.17	43	182856	14.158	ug/l #	89
49) 1,4-Dioxane	9.20	88	2569	66.732	ug/l #	23
51) 4-Methyl-2-Pentanone	9.98	43	2790	0.440	ug/l #	41
52) Toluene	10.16	92	137330	6.266	ug/l	99
59) 2-Hexanone	10.76	43	1022	0.237	ug/l	61
67) Ethyl Benzene	11.51	91	53421	1.276	ug/l	98
68) m/p-Xylenes	11.62	106	83468	5.222	ug/l	98
69) o-Xylene	11.95	106	39612	2.565	ug/l	98
70) Styrene	11.97	104	49514	1.978	ug/l	96
71) Bromoform	12.40	173	3545	0.581	ug/l #	1
74) N-amyl acetate	12.00	43	15356	1.666	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	256377	36.602	ug/l #	100
78) n-propylbenzene	12.59	91	10069	0.227	ug/l	90
79) 2-Chlorotoluene	12.66	91	5337	0.203	ug/l #	51
80) 1,3,5-Trimethylbenzene	12.73	105	30513	0.960	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	256377	102.921	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	77882	2.405	ug/l	99
90) Hexachloroethane	13.89	117	1613	0.292	ug/l #	3
95) Naphthalene	15.13	128	603052	26.036	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

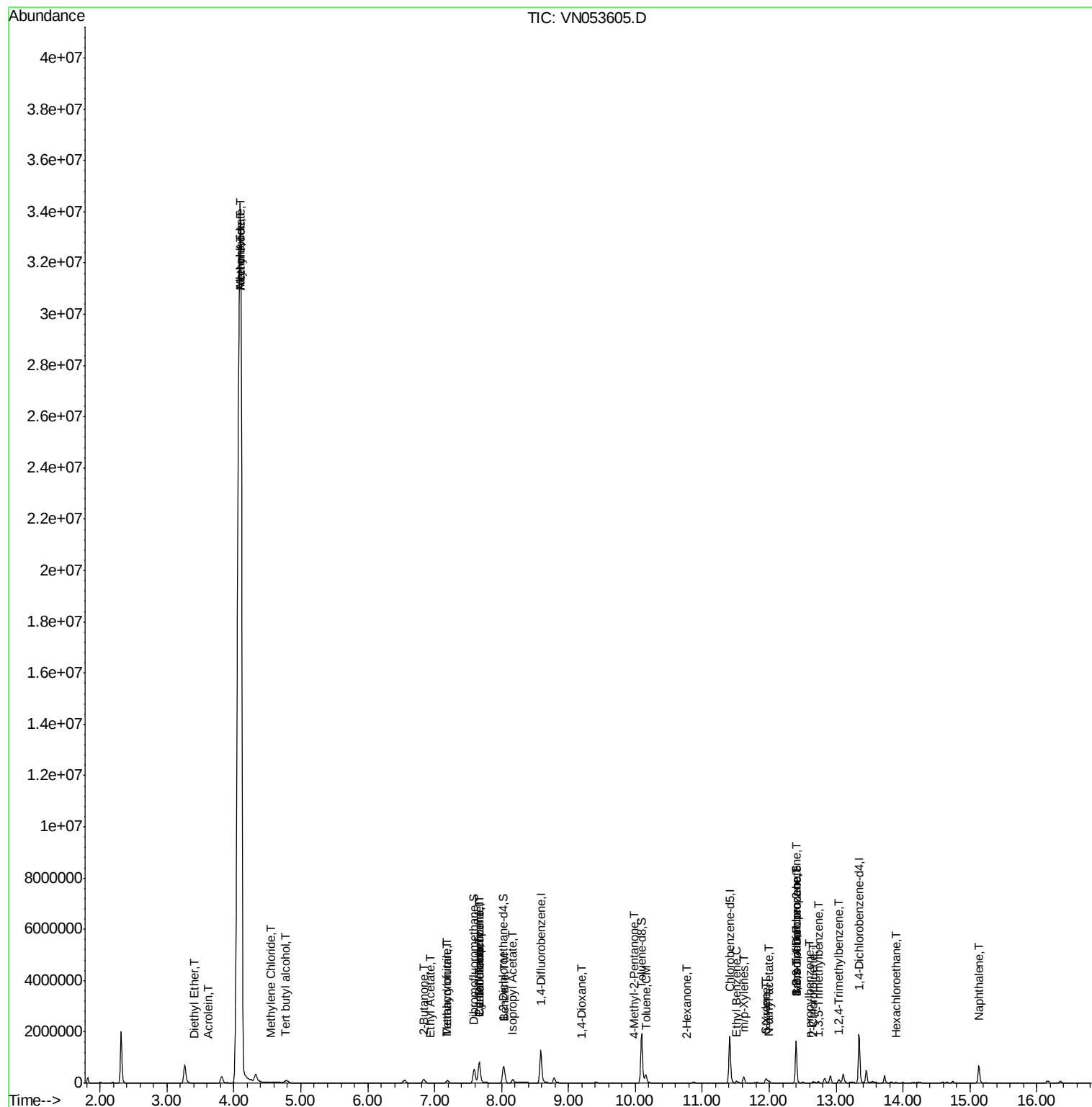
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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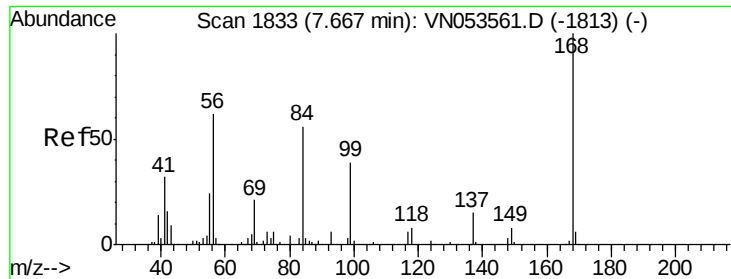
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

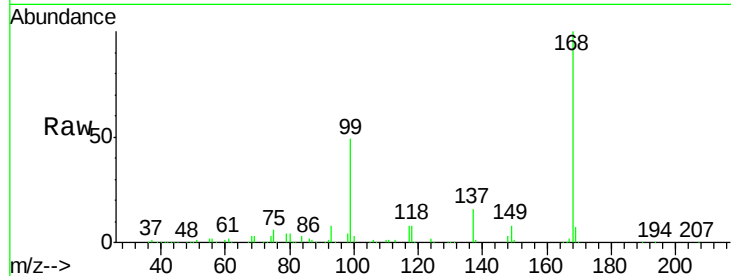
COMP-2

Tot Ion:168 Resp: 846430

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

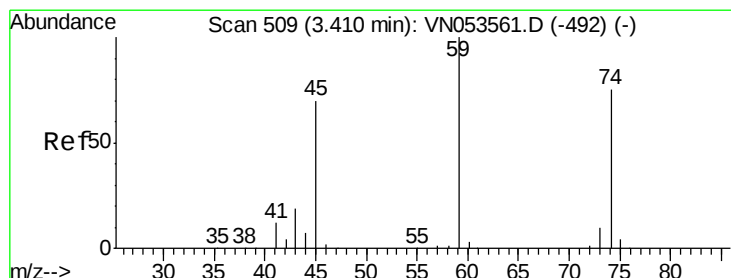
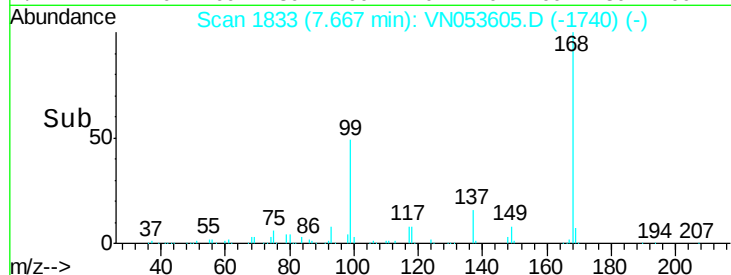
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.305 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053605.D

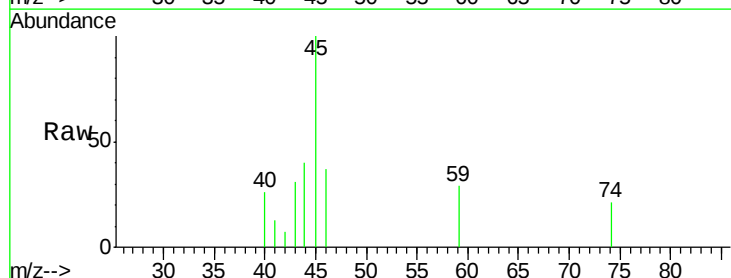
Acq: 4 Feb 2019 19:04

Tgt Ion: 74 Resp: 1473

Ion Ratio Lower Upper

74 100

45 0.0 47.9 143.7#



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

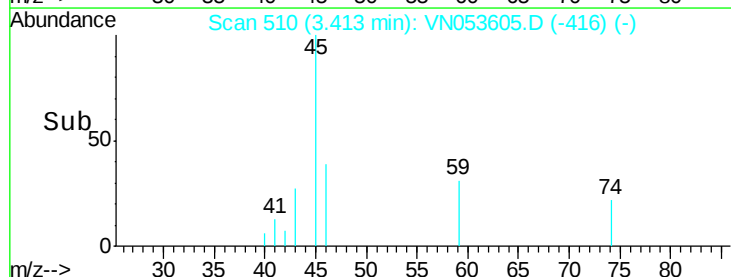
6000

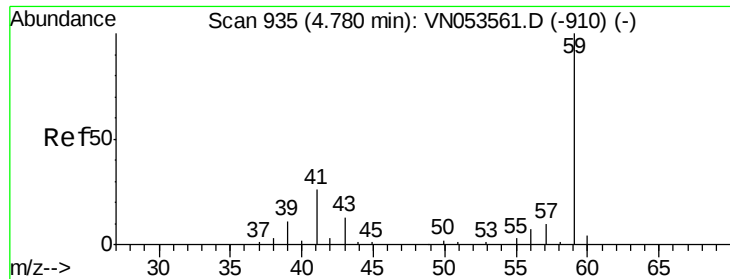
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Time-->

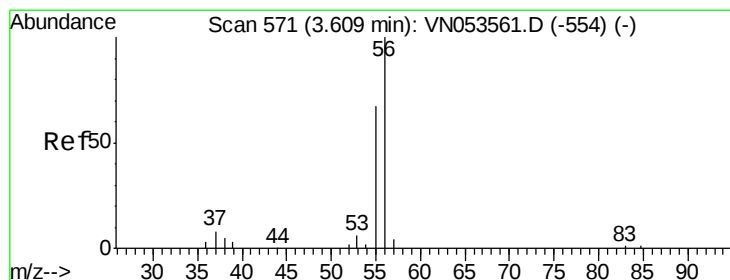
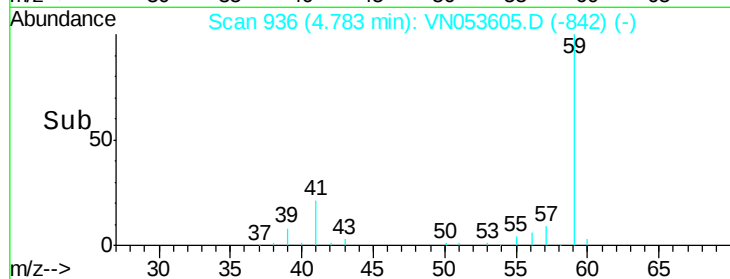
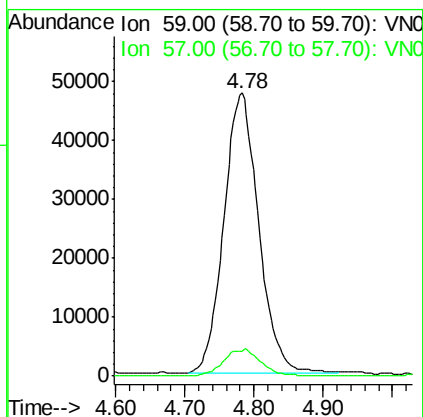
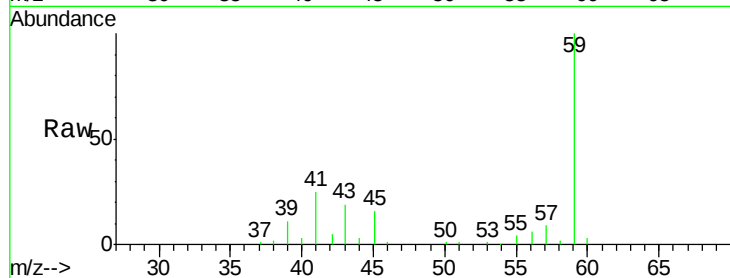




#11
Tert butyl alcohol
Concen: 332.053 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

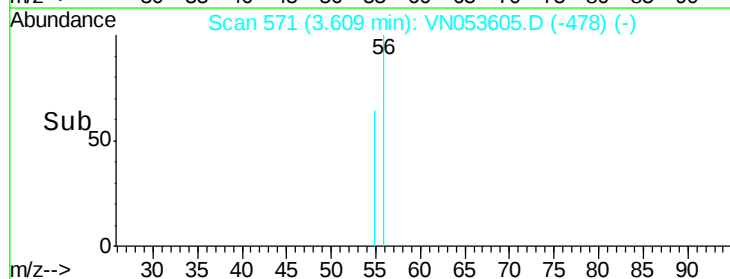
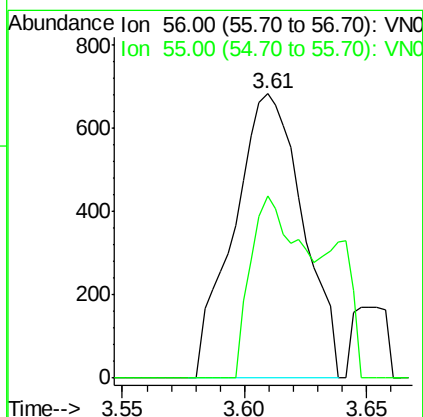
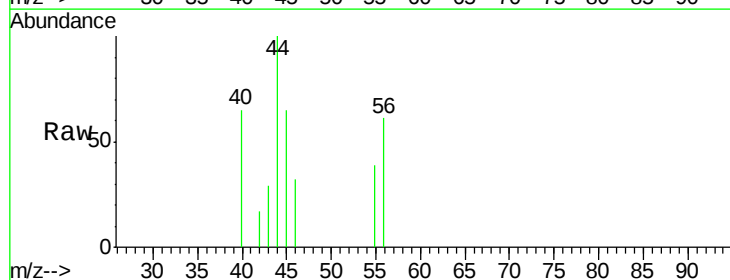
Instrument :
MSVOA_N
ClientSampled :
COMP-2

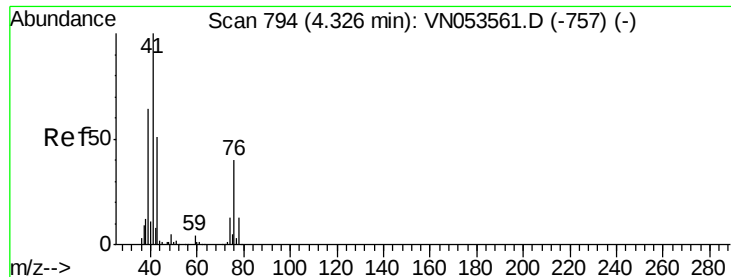
Tot Ion: 59 Resp: 166869
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#13
Acrolein
Concen: 4.872 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

Tgt Ion: 56 Resp: 1333
Ion Ratio Lower Upper
56 100
55 47.4 57.4 86.0#





#14

Allvl chloride

Concen: 692.398 ug/l

RT: 4.10 min Scan# 723

Delta R.T. -0.23 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

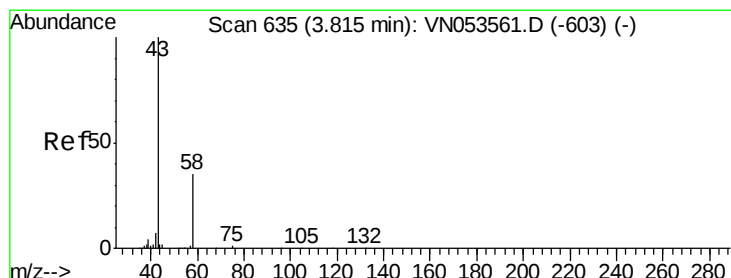
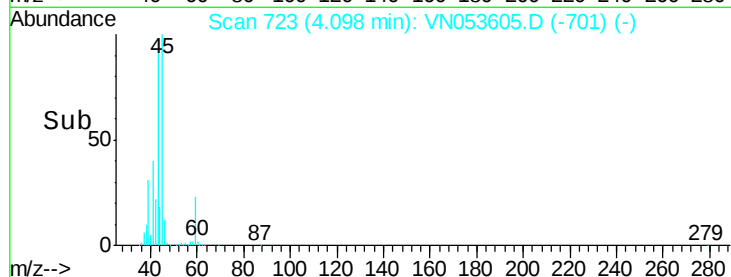
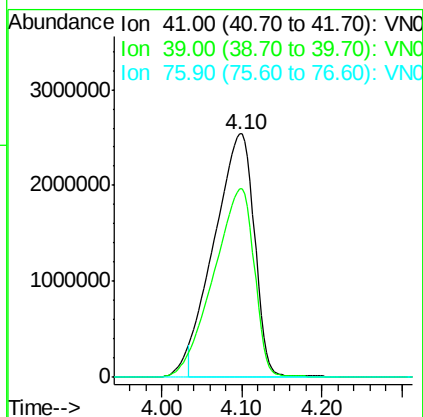
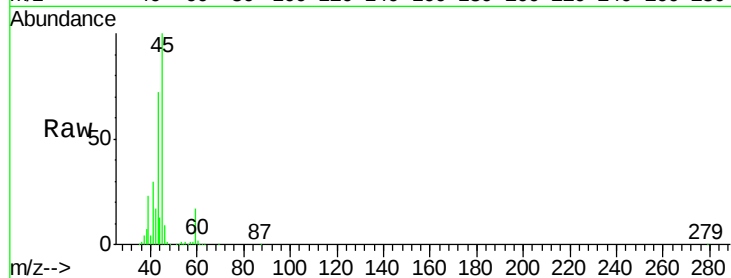
Tot Ion: 41 Resp: 8641133

Ion Ratio Lower Upper

41 100

39 77.0 48.9 73.3#

76 0.0 29.4 44.2#



#16

Acetone

Concen: 7171.187 ug/l

RT: 4.10 min Scan# 723

Delta R.T. 0.28 min

Lab File: VN053605.D

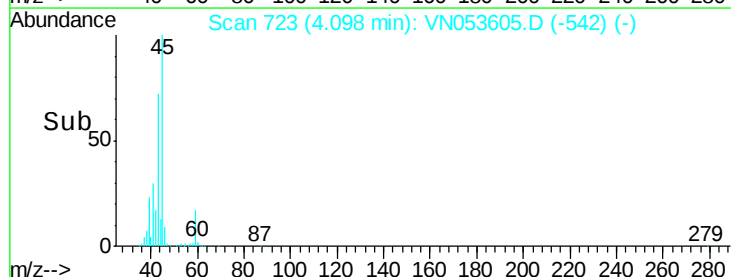
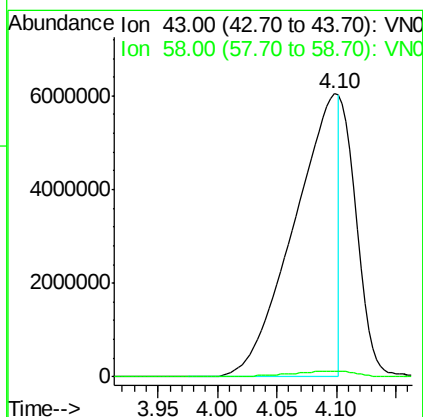
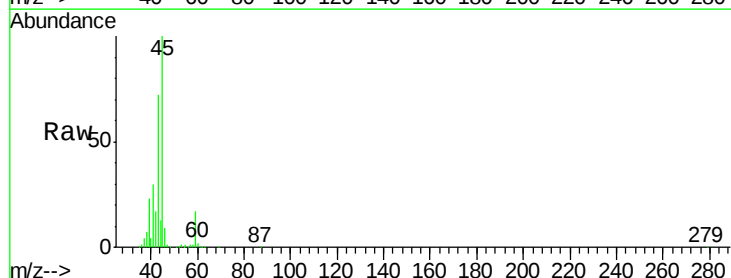
Acq: 4 Feb 2019 19:04

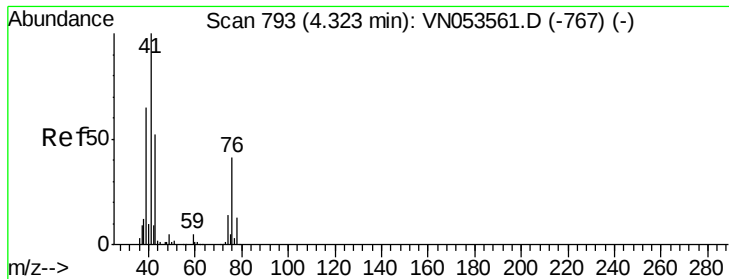
Tgt Ion: 43 Resp:15619183

Ion Ratio Lower Upper

43 100

58 2.0 27.1 40.7#

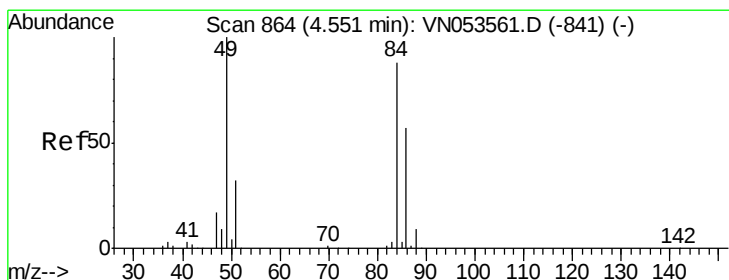
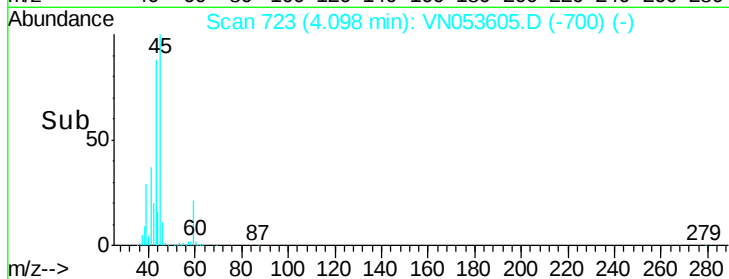
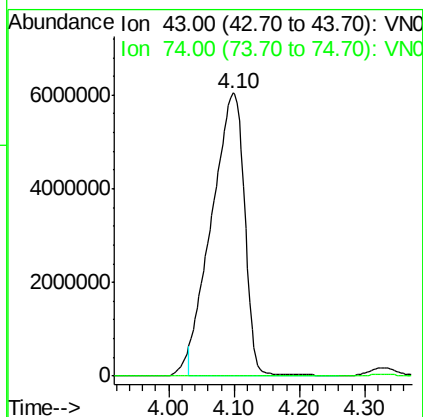
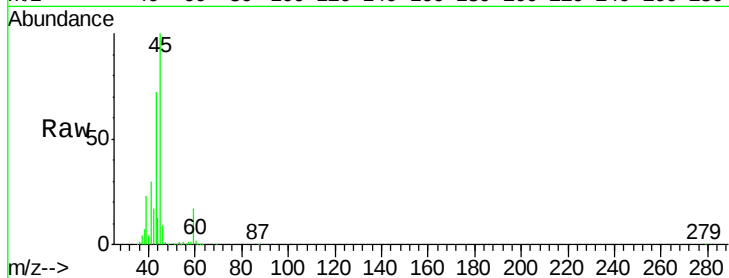




#18
Methyl Acetate
Concen: 3238.563 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.22 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

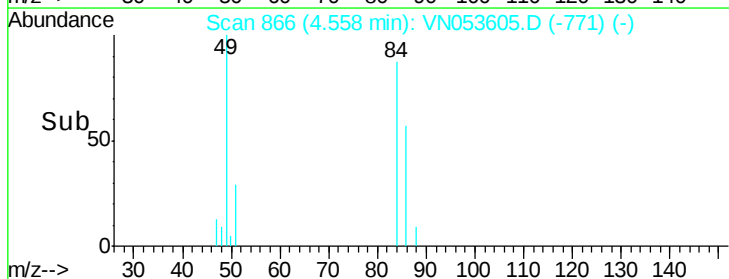
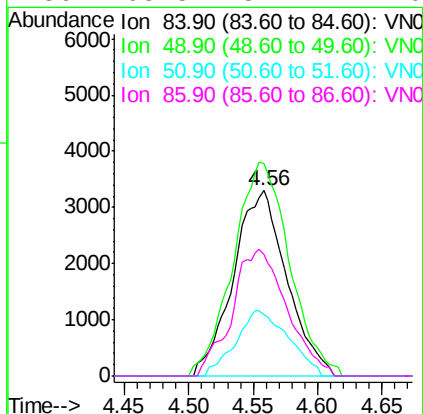
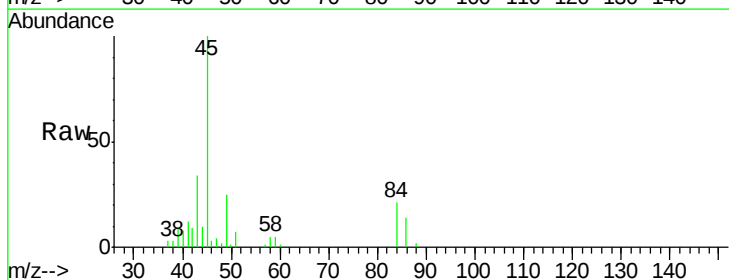
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

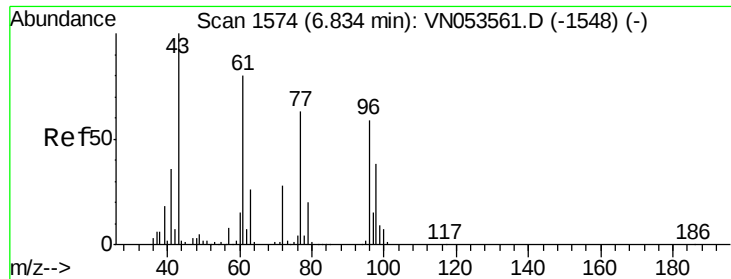
Tot Ion: 43 Resp: 20889831
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 1.043 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

Tgt Ion: 84 Resp: 9532
Ion Ratio Lower Upper
84 100
49 114.7 94.3 141.5
51 33.3 29.4 44.2
86 65.5 51.4 77.0

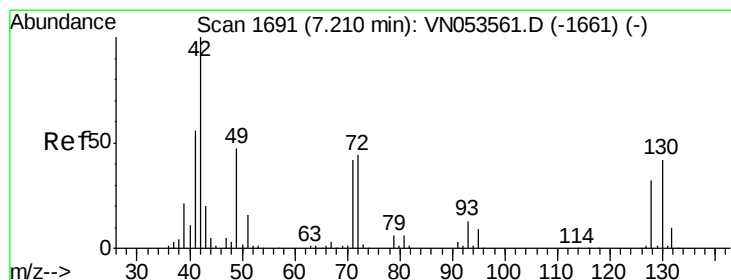
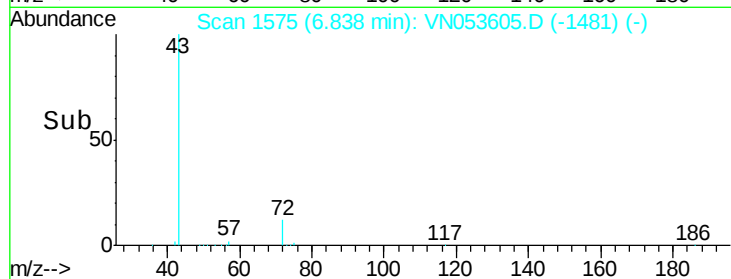
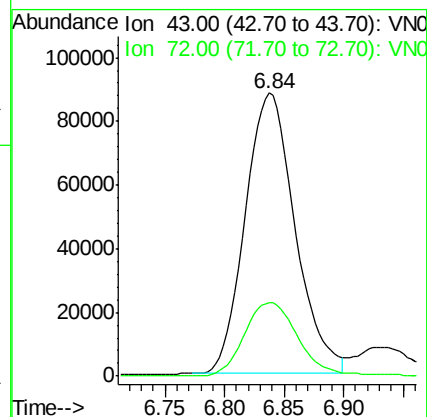
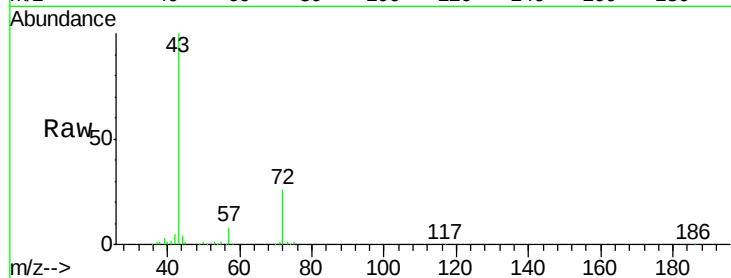




#25
2-Butanone
Concen: 82.360 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

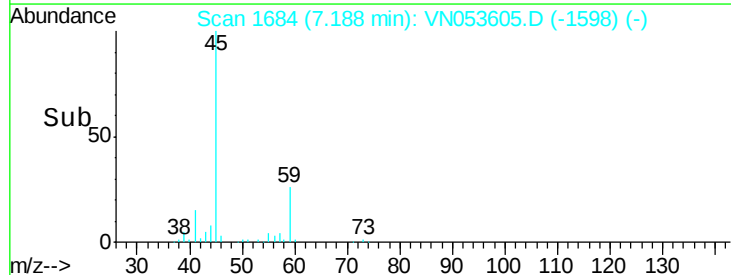
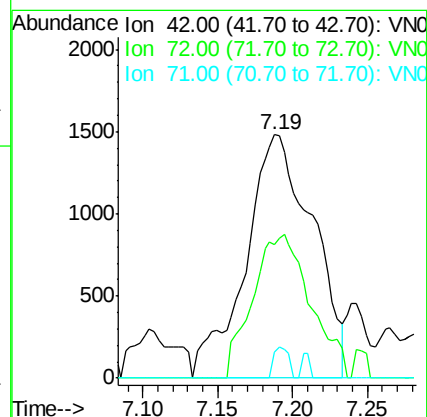
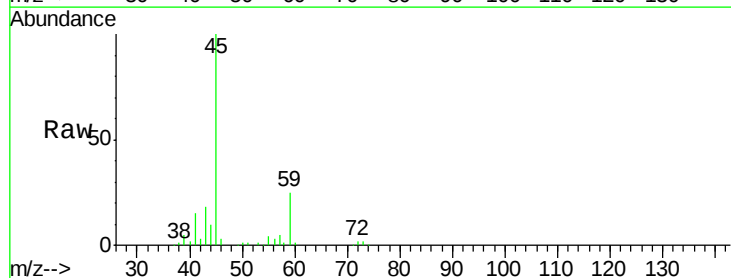
Instrument :
MSVOA_N
ClientSampleId :
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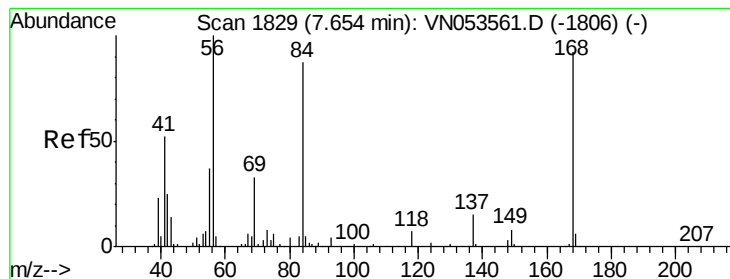
Tot Ion: 43 Resp: 255842
Ion Ratio Lower Upper
43 100
72 26.4 22.0 33.0



#29
Tetrahydrofuran
Concen: 2.320 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. -0.02 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

Tgt Ion: 42 Resp: 4628
Ion Ratio Lower Upper
42 100
72 50.8 35.2 52.8
71 2.8 33.0 49.4#





#31

Cvclohexane

Concen: 0.809 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

COMP-2

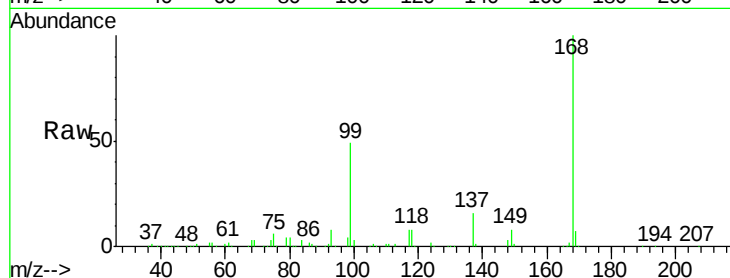
Tot Ion: 56 Resp: 14004

Ion Ratio Lower Upper

56 100

69 163.6 26.4 39.6#

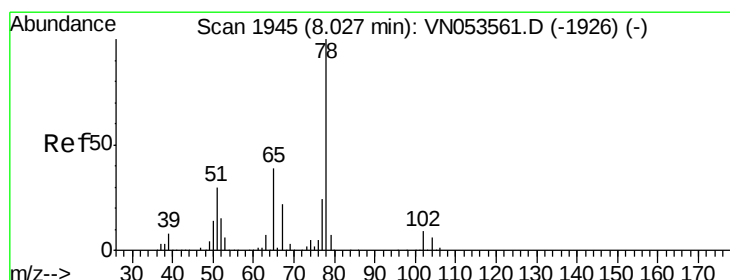
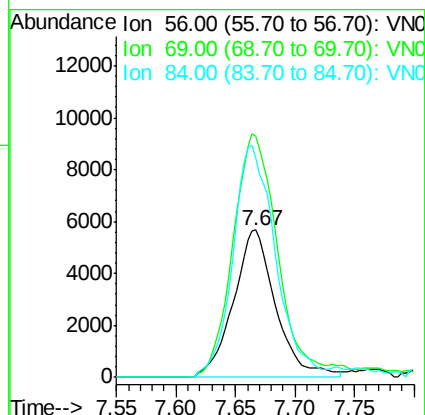
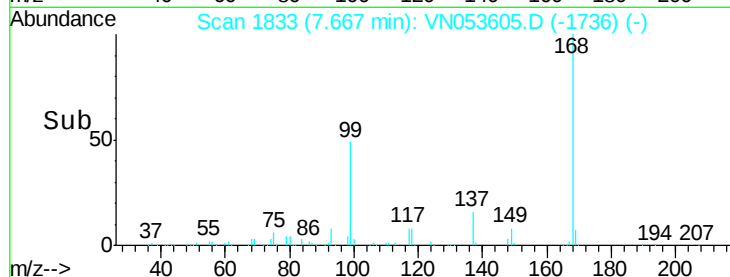
84 149.2 67.9 101.9#



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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053605.D

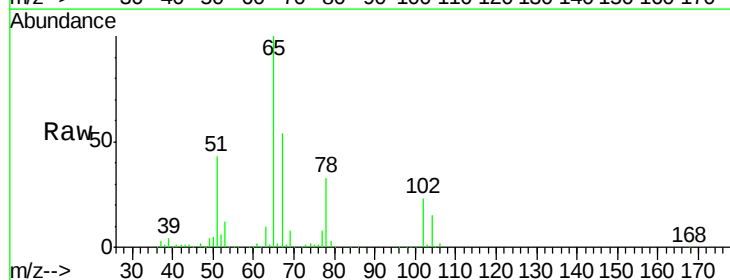
Acq: 4 Feb 2019 19:04

Tgt Ion: 65 Resp: 424789

Ion Ratio Lower Upper

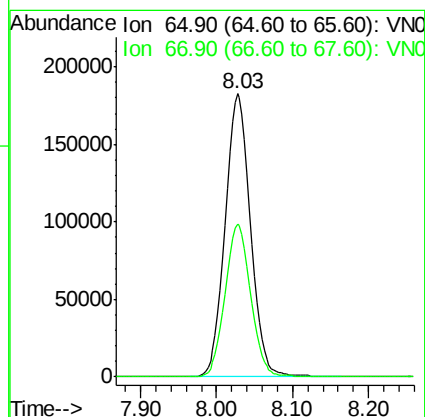
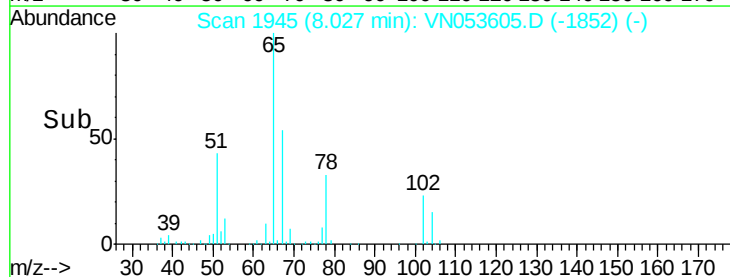
65 100

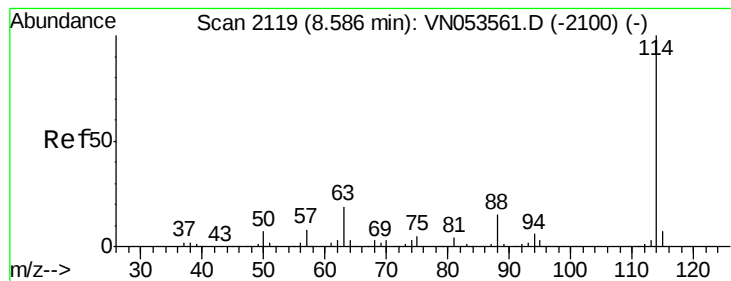
67 54.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

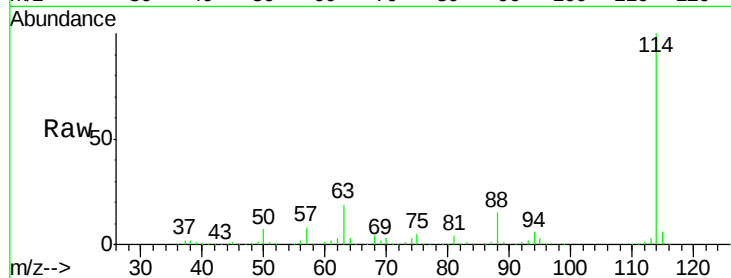
Tot Ion:114 Resp: 1328351

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

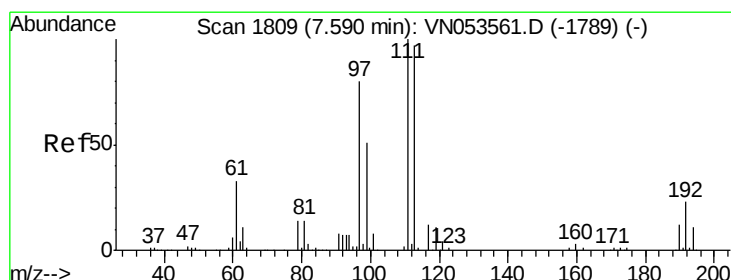
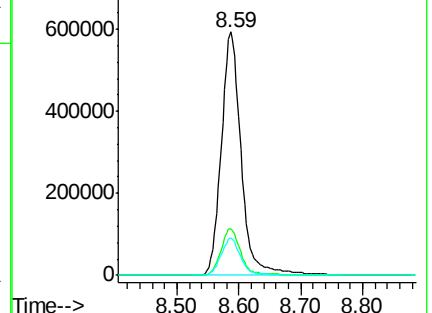
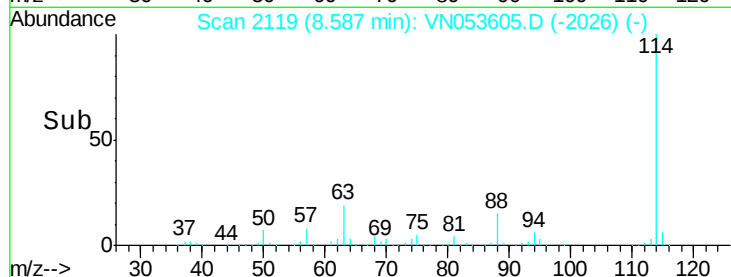
88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

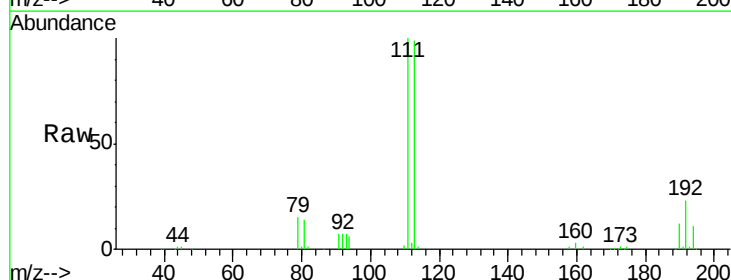
Tgt Ion:113 Resp: 414703

Ion Ratio Lower Upper

113 100

111 100.9 81.1 121.7

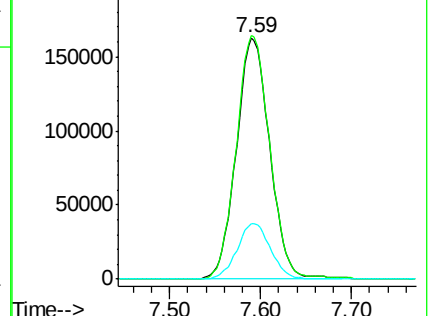
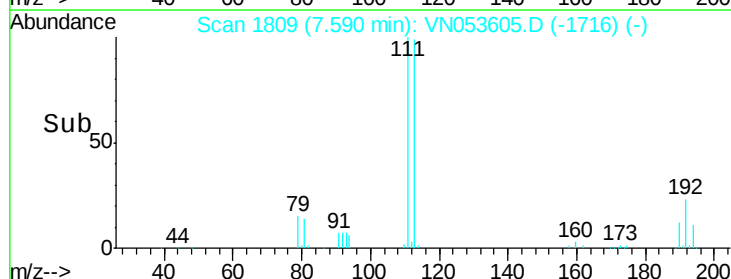
192 23.0 18.2 27.2

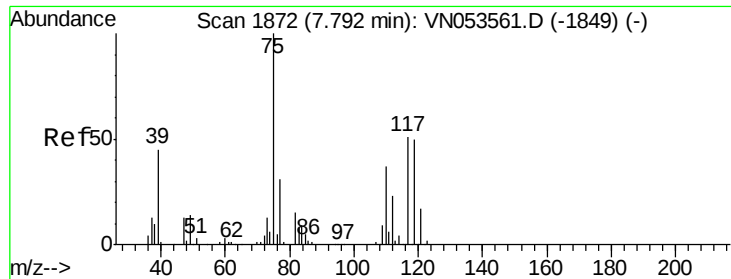


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.248 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

COMP-2

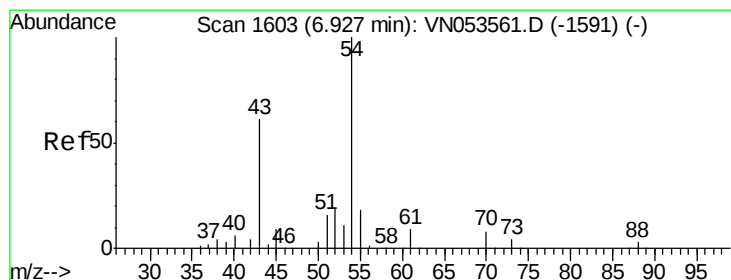
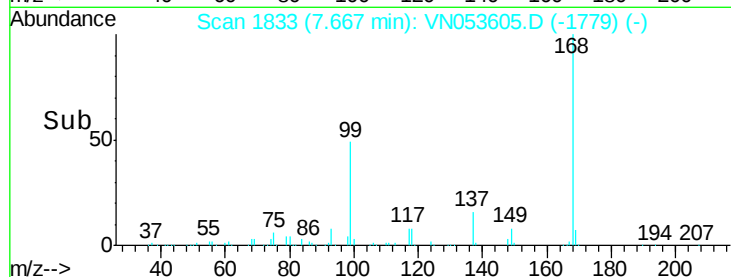
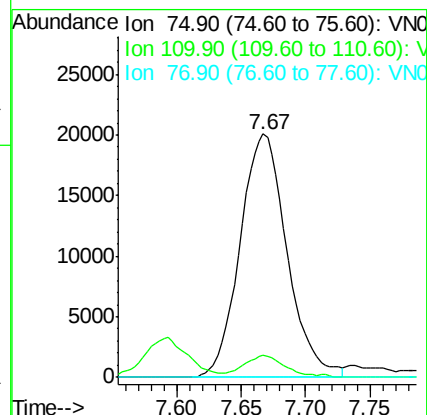
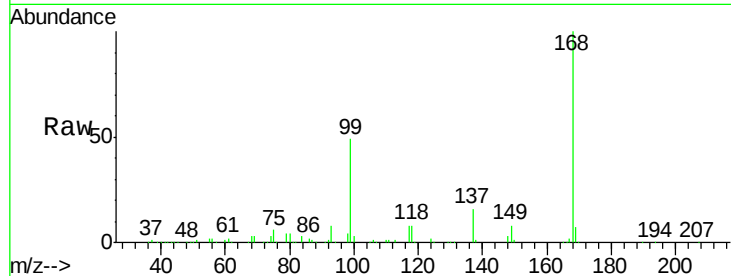
Tot Ion: 75 Resp: 50869

Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.3#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 3.137 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

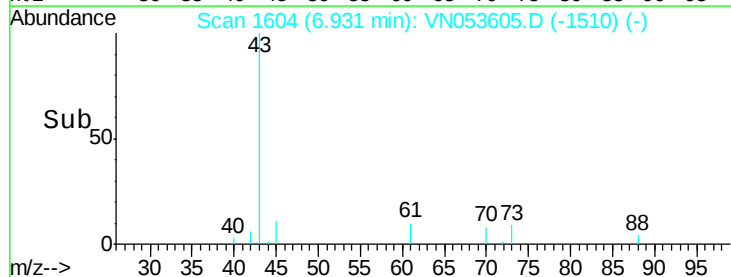
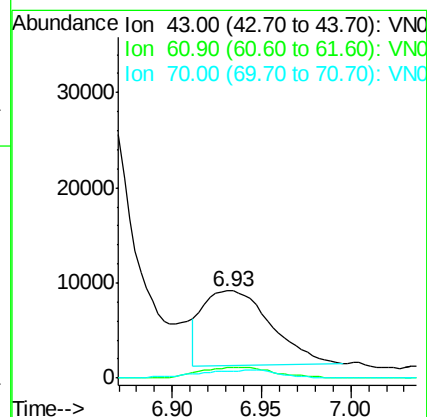
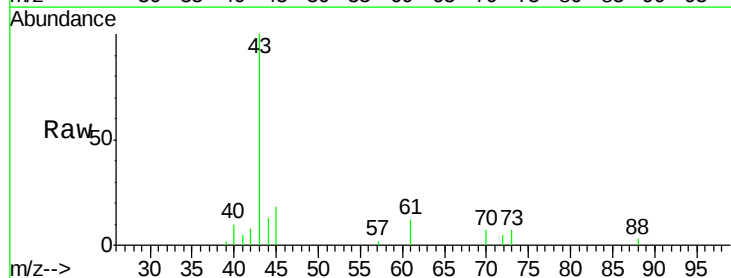
Tgt Ion: 43 Resp: 20979

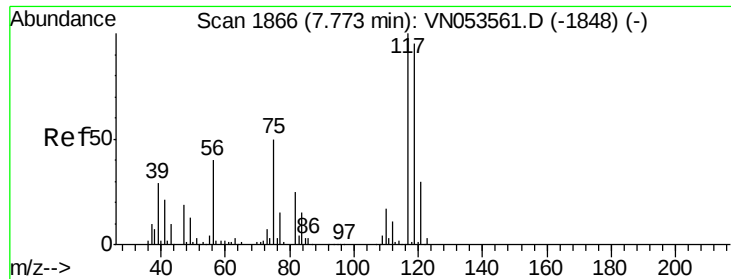
Ion Ratio Lower Upper

43 100

61 15.9 11.8 17.6

70 12.2 8.6 12.8

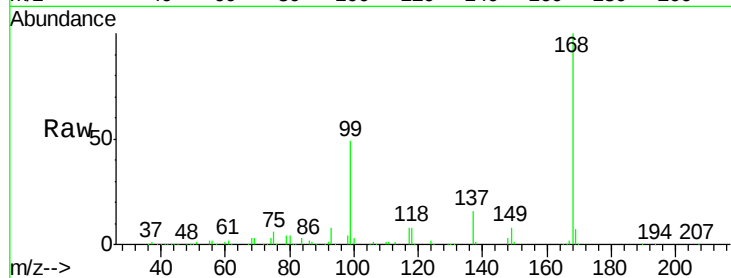




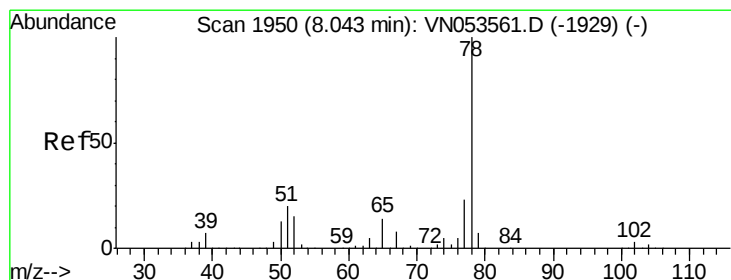
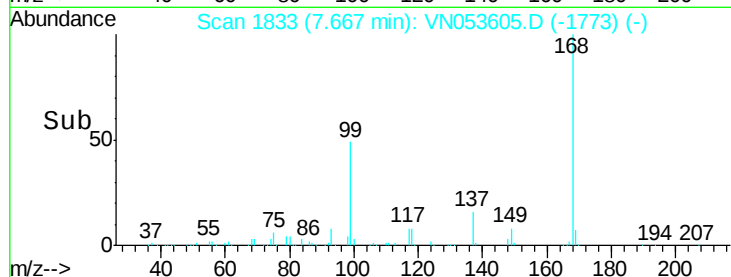
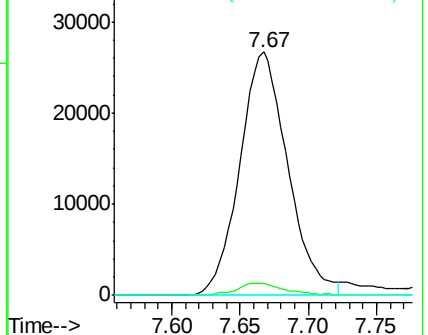
#38
Carbon Tetrachloride
Concen: 5.426 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tot Ion:117 Resp: 65452
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 24.6 37.0#

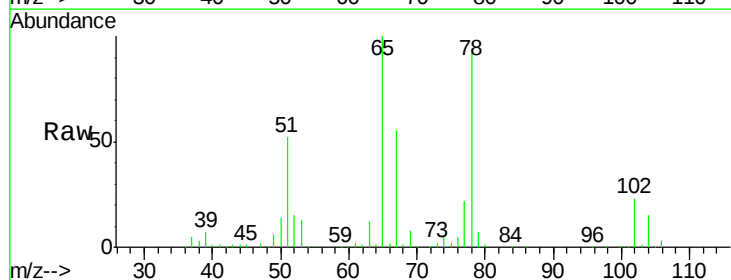


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

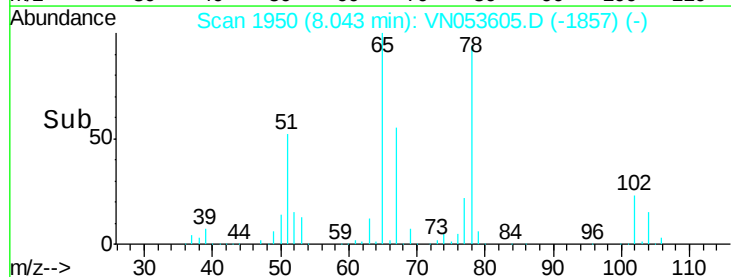
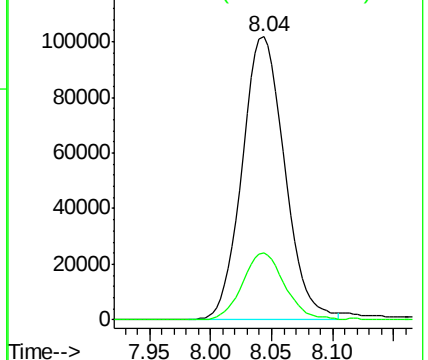


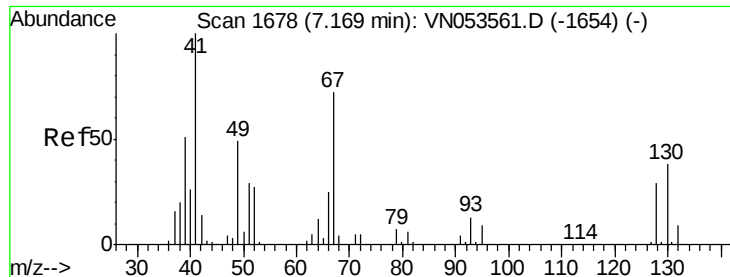
#40
Benzene
Concen: 6.669 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

Tgt Ion: 78 Resp: 246255
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V





#41

Methacrylonitrile

Concen: 5.200 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.02 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

COMP-2

Tot Ion: 41 Resp: 19438

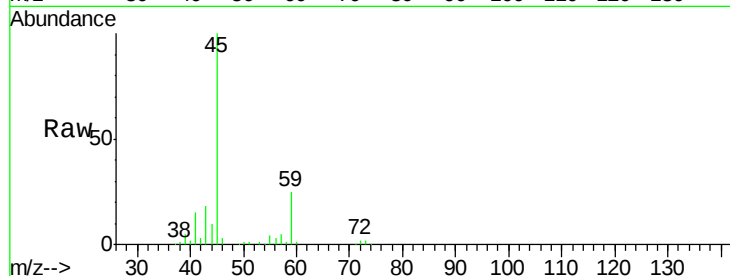
Ion Ratio Lower Upper

41 100

39 33.1 46.8 70.2#

67 0.0 63.0 94.6#

52 0.2 23.8 35.8#

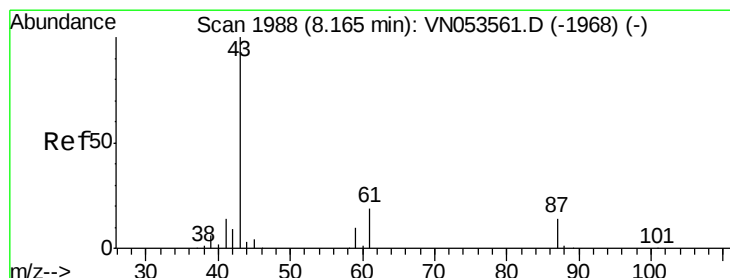
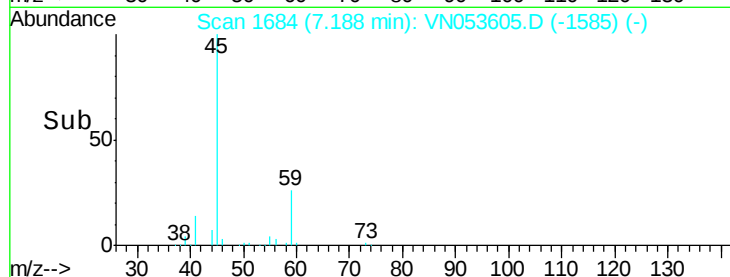
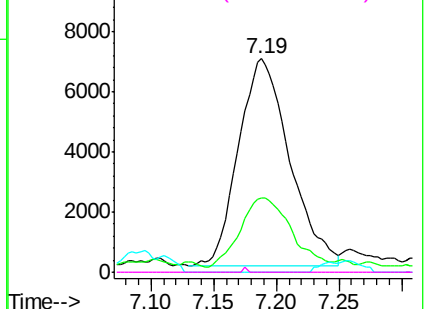


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#43

Isopropyl Acetate

Concen: 14.158 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

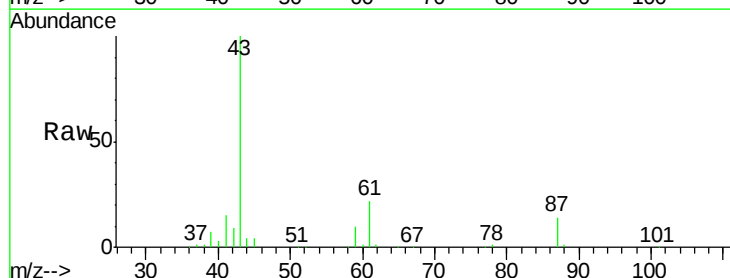
Tgt Ion: 43 Resp: 182856

Ion Ratio Lower Upper

43 100

61 21.4 23.9 35.9#

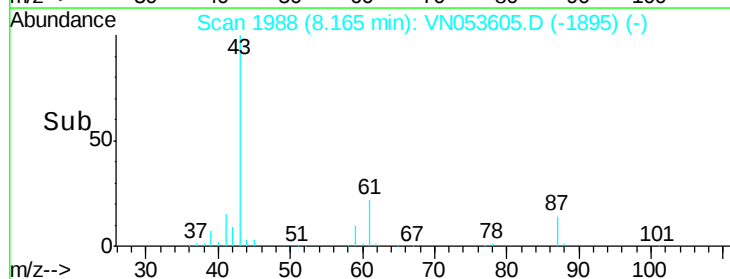
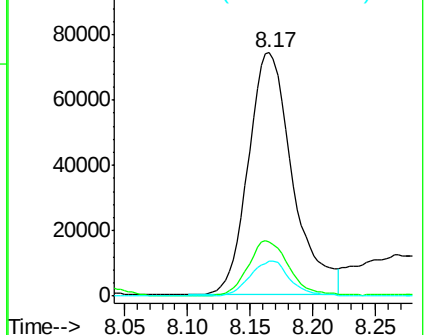
87 13.2 11.0 16.6

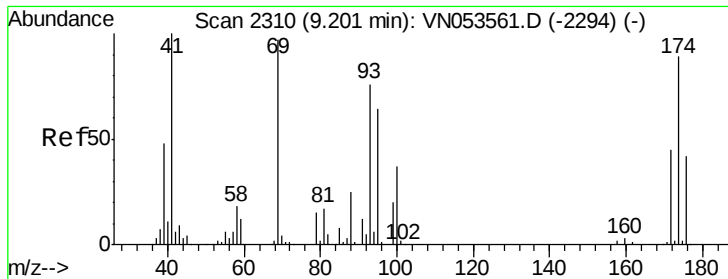


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#49

1,4-Dioxane

Concen: 66.732 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

COMP-2

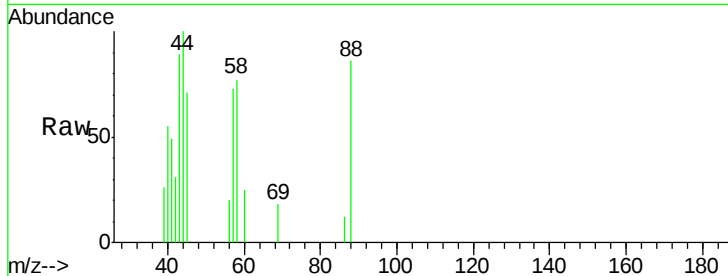
Tot Ion: 88 Resp: 2569

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.6#

58 0.0 56.5 84.7#

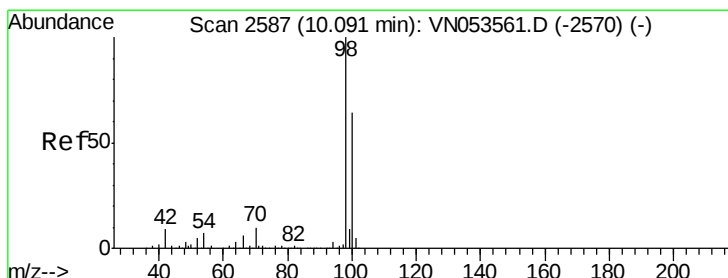
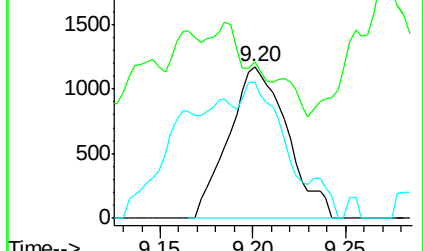
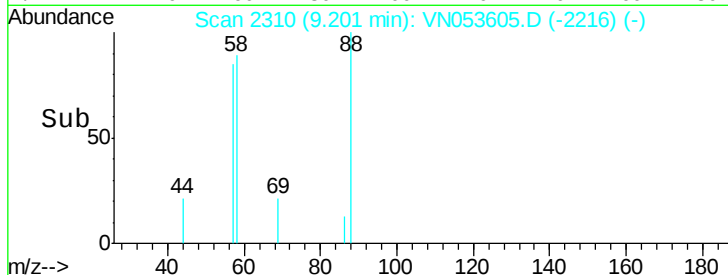


Abundance Ion 88.00 (87.70 to 88.70): VN053605.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN053605.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN053605.D (-2216) (-)

Time-->



#50

Toluene-d8

Concen: 66.732 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053605.D

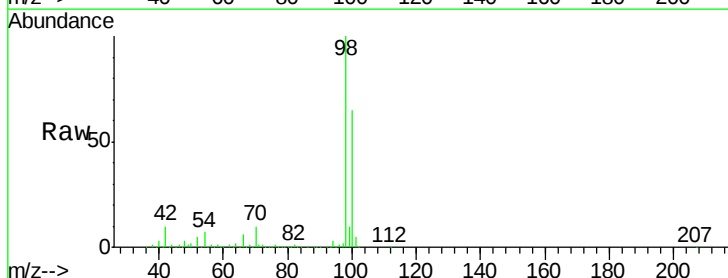
Acq: 4 Feb 2019 19:04

Tgt Ion: 98 Resp: 1588543

Ion Ratio Lower Upper

98 100

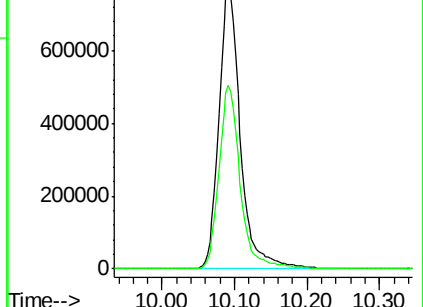
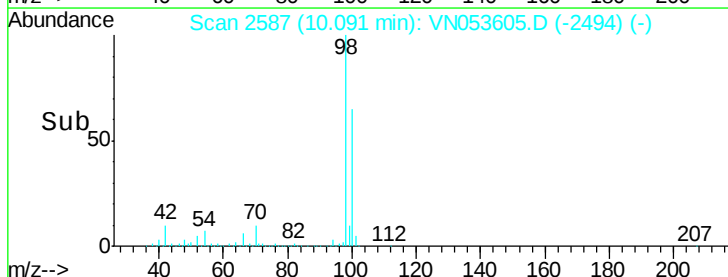
100 64.5 51.4 77.0

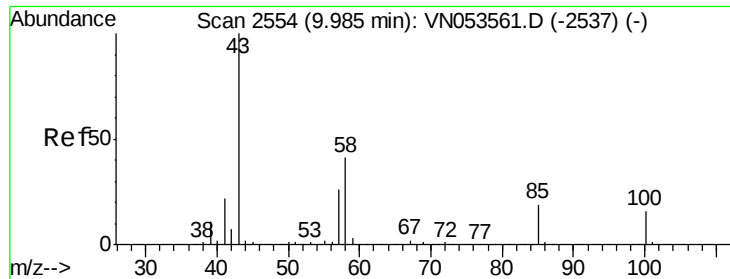


Abundance Ion 98.00 (97.70 to 98.70): VN053605.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053605.D (-2494) (-)

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.440 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.01 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

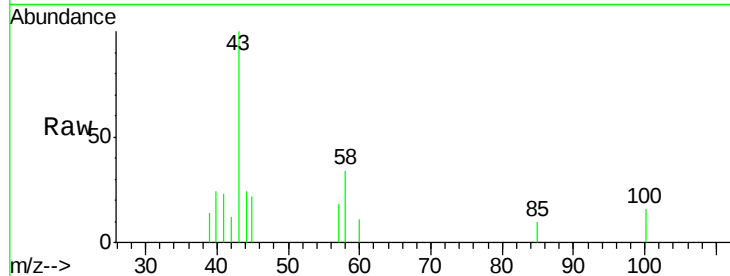
COMP-2

Tot Ion: 43 Resp: 2790

Ion Ratio Lower Upper

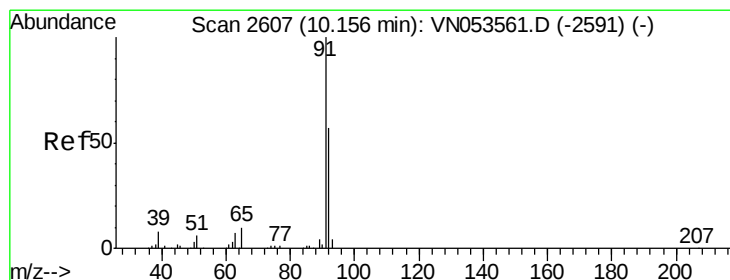
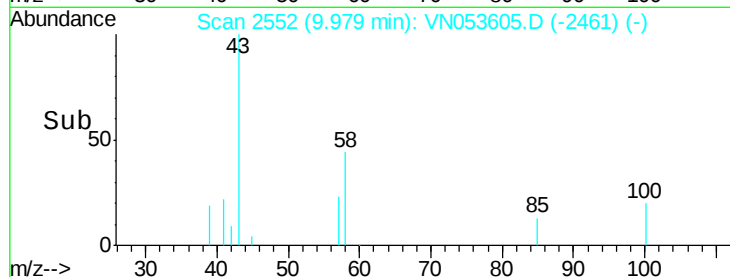
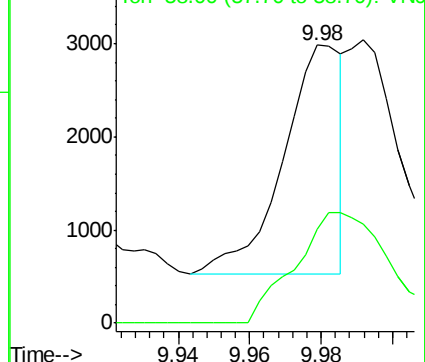
43 100

58 77.7 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 6.266 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053605.D

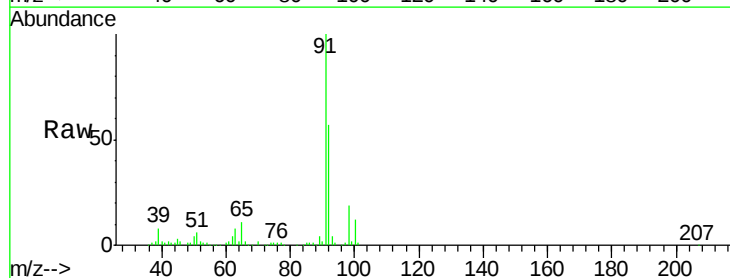
Acq: 4 Feb 2019 19:04

Tgt Ion: 92 Resp: 137330

Ion Ratio Lower Upper

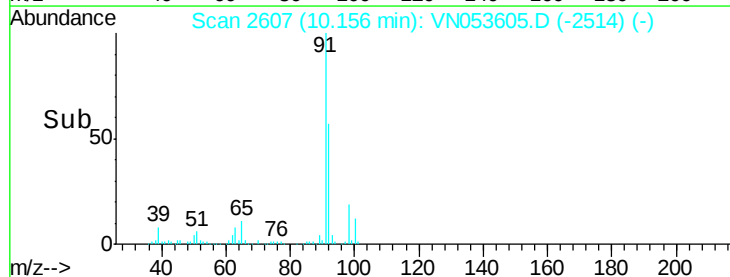
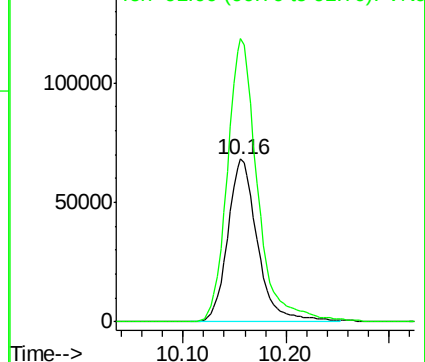
92 100

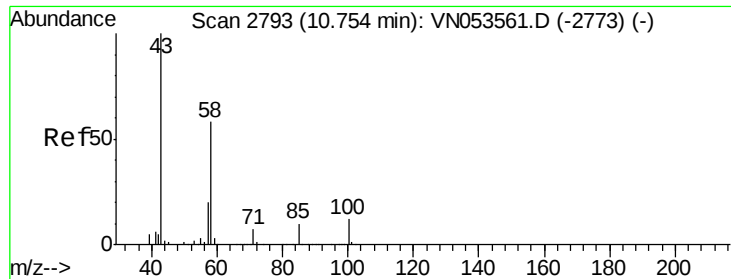
91 176.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

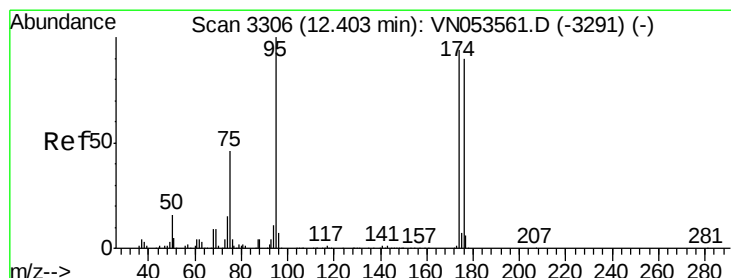
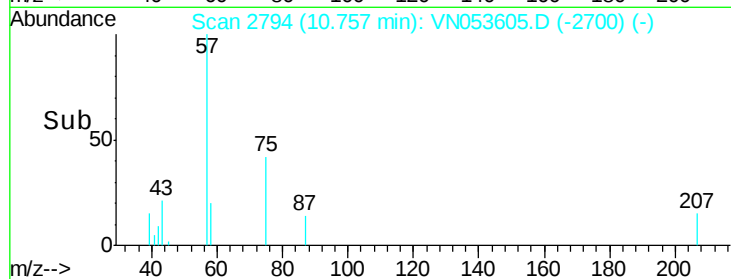
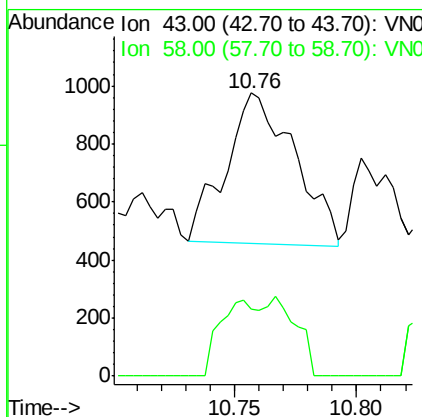
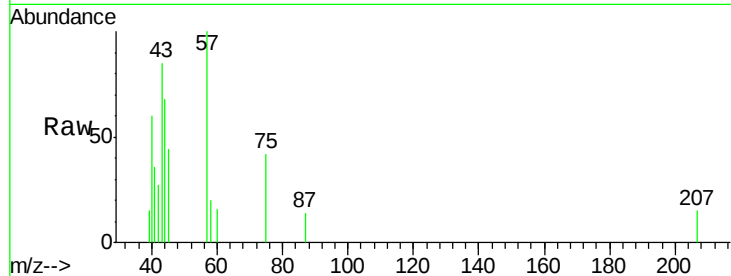




#59
2-Hexanone
Concen: 0.237 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

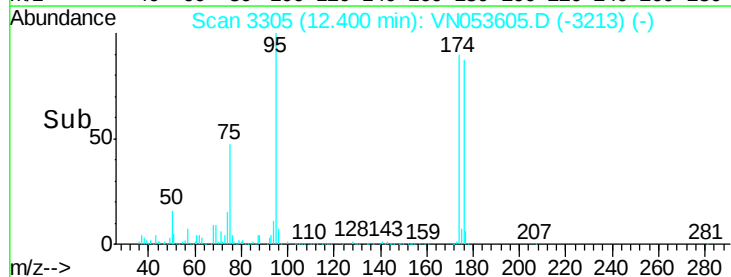
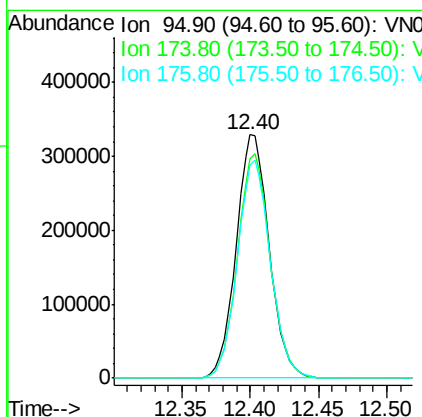
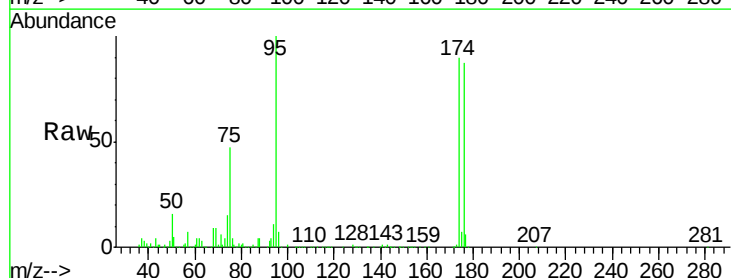
Instrument :
MSVOA_N
ClientSampled :
COMP-2

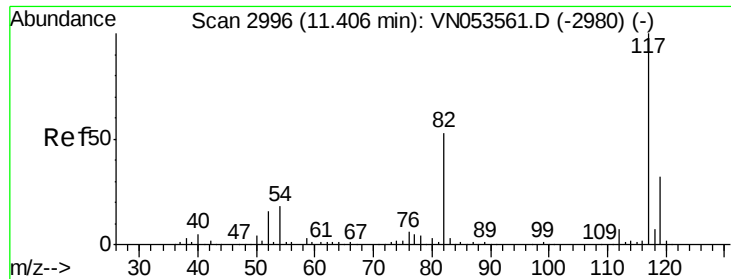
Tot Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 28.7 28.6 85.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

Tgt Ion: 95 Resp: 552872
Ion Ratio Lower Upper
95 100
174 91.4 0.0 183.2
176 89.4 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

COMP-2

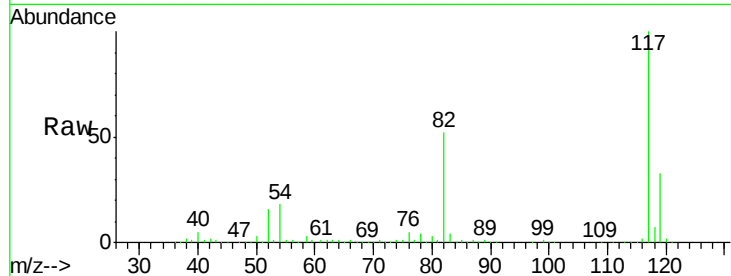
Tot Ion:117 Resp: 1200142

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

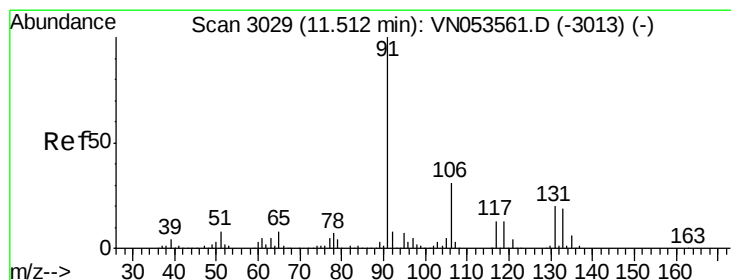
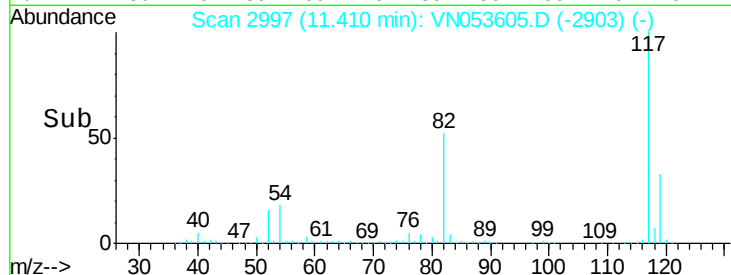
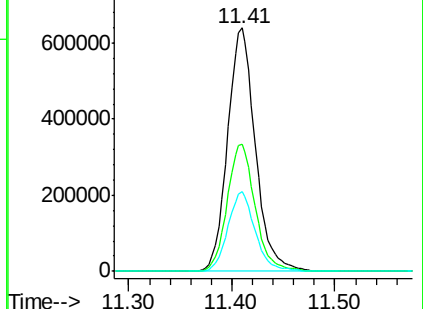
119 32.6 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VNO

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.276 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053605.D

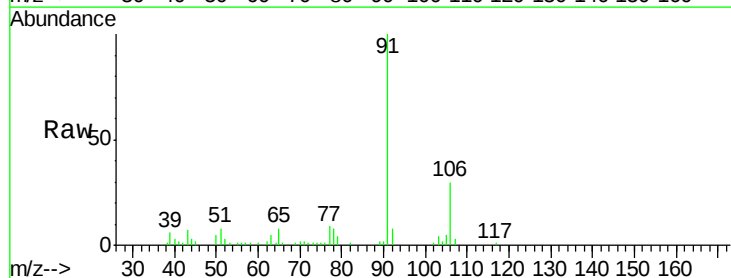
Acq: 4 Feb 2019 19:04

Tgt Ion: 91 Resp: 53421

Ion Ratio Lower Upper

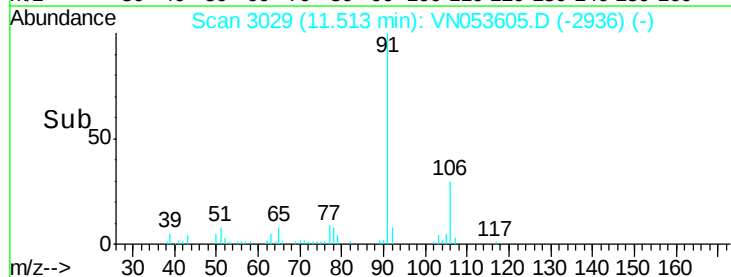
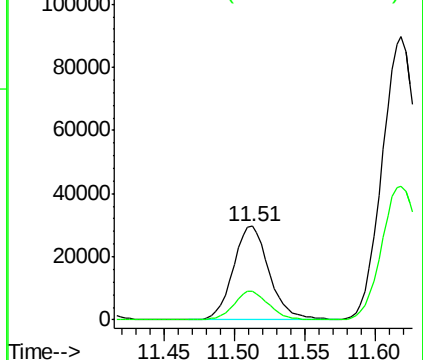
91 100

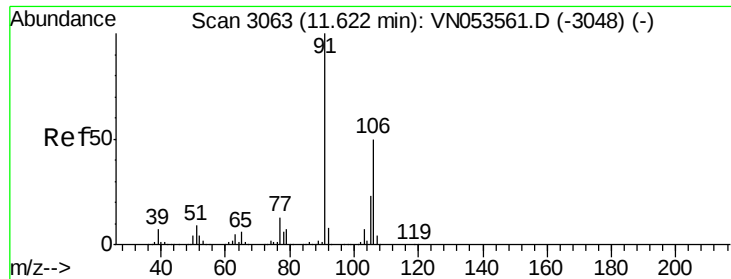
106 30.1 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 106.00 (105.70 to 106.70): V

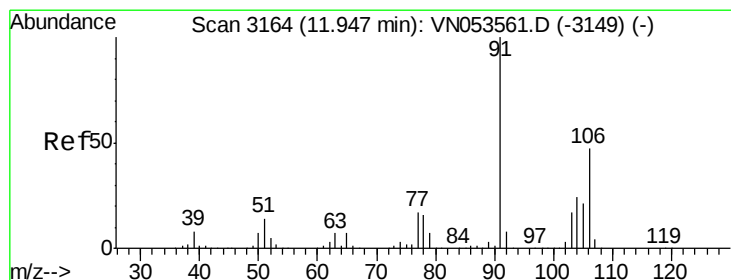
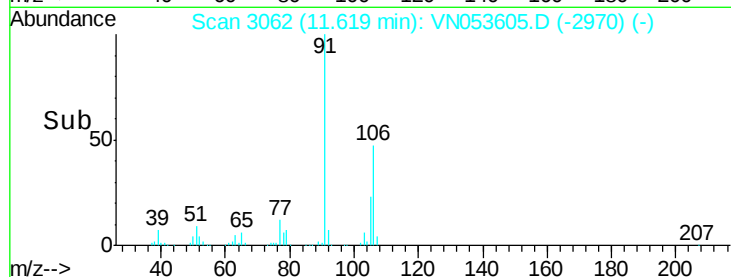
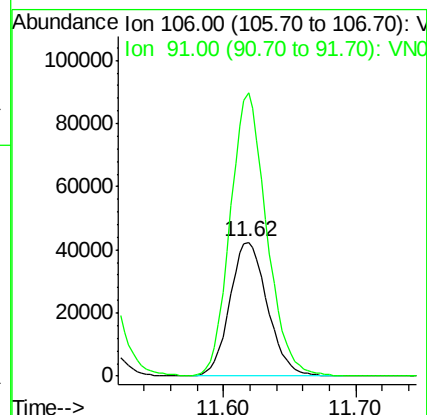
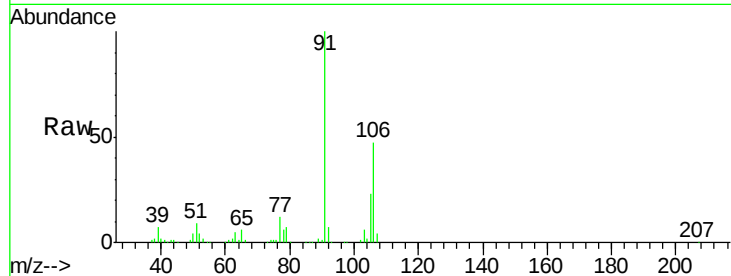




#68
m/p-Xylenes
Concen: 5.222 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

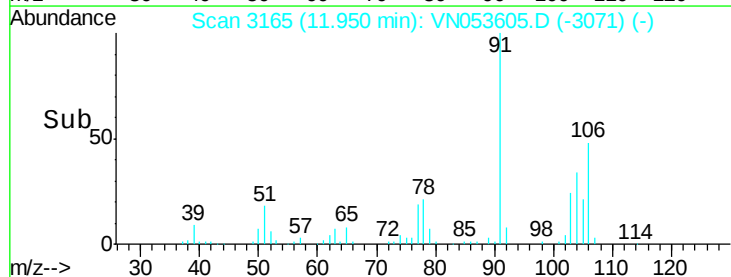
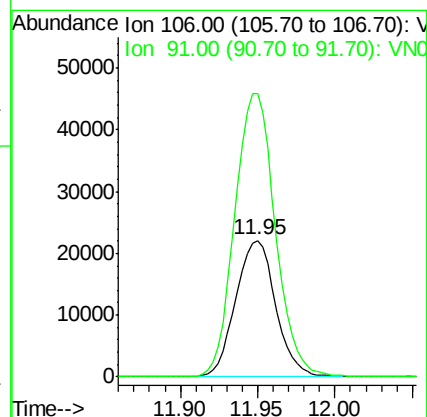
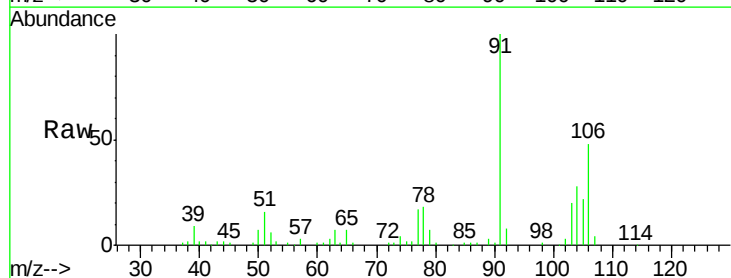
Instrument :
MSVOA_N
ClientSampled :
COMP-2

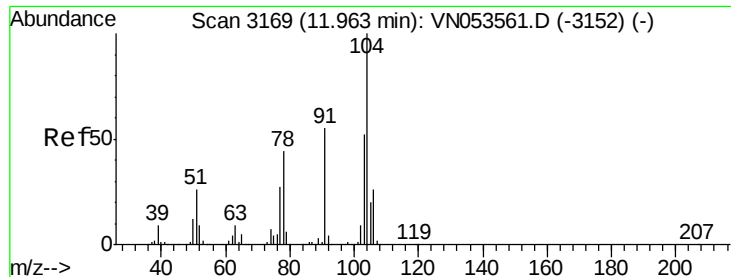
Tot Ion:106 Resp: 83468
Ion Ratio Lower Upper
106 100
91 205.1 161.4 242.2



#69
o-Xylene
Concen: 2.565 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053605.D
Acq: 4 Feb 2019 19:04

Tgt Ion:106 Resp: 39612
Ion Ratio Lower Upper
106 100
91 210.7 106.9 320.8





#70

Stvrene

Concen: 1.978 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

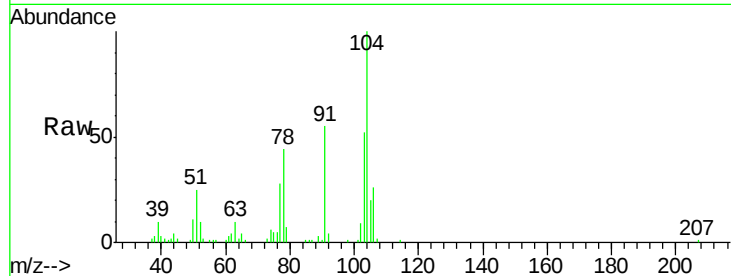
Tot Ion:104 Resp: 49514

Ion Ratio Lower Upper

104 100

78 50.4 38.2 57.2

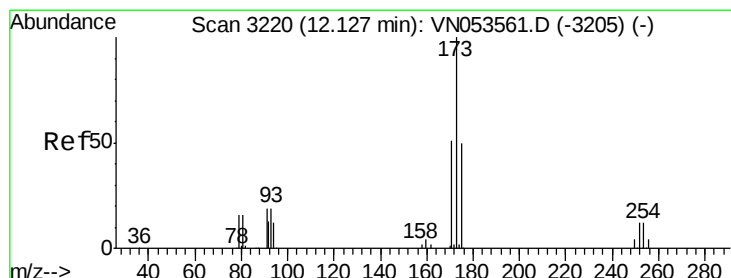
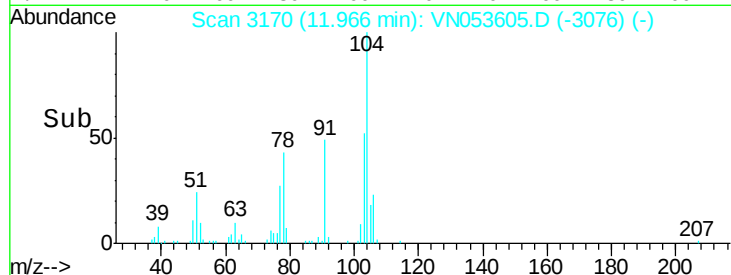
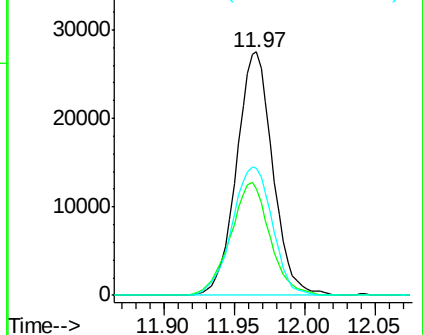
103 58.4 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.581 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

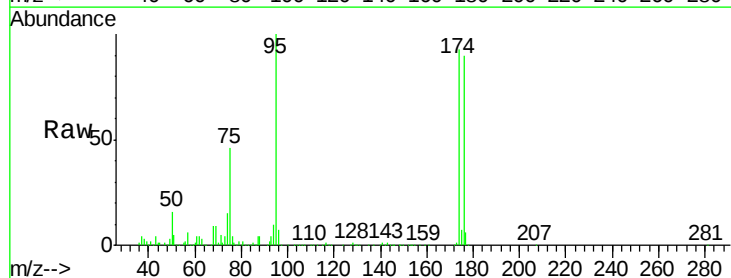
Tgt Ion:173 Resp: 3545

Ion Ratio Lower Upper

173 100

175 918.1 24.6 74.0#

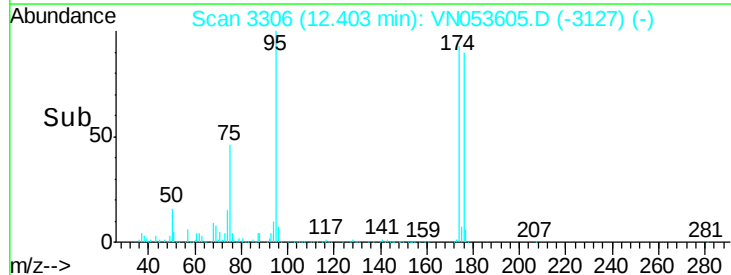
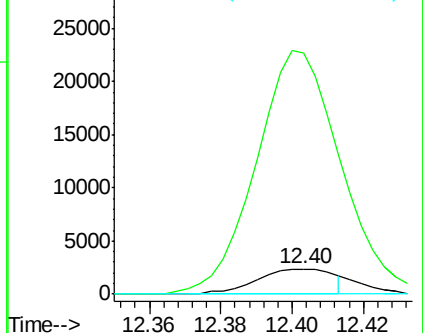
254 0.0 0.2 0.2#

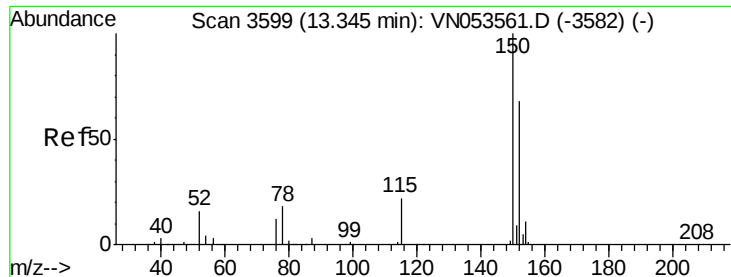


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

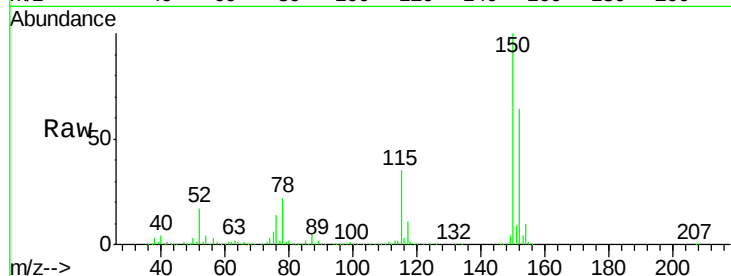
Tot Ion:152 Resp: 545339

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

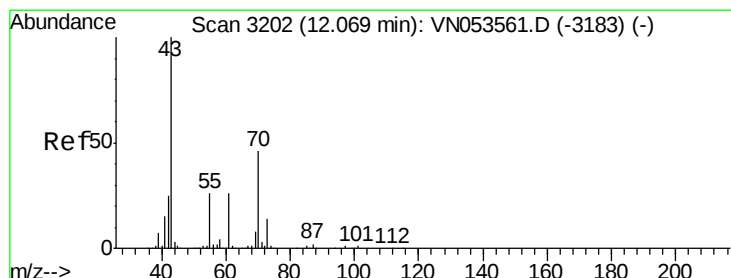
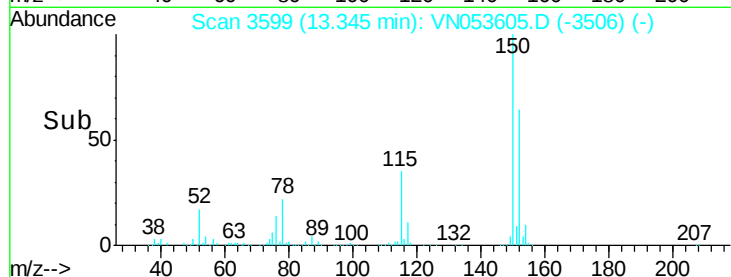
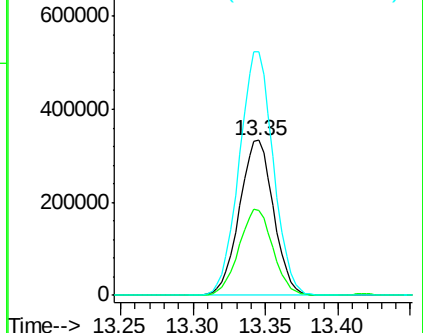
150 157.0 0.0 349.0



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: 1.666 ug/l

RT: 12.00 min Scan# 3180

Delta R.T. -0.07 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Tgt Ion: 43 Resp: 15356

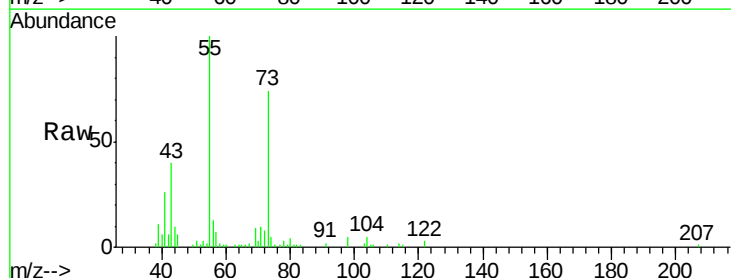
Ion Ratio Lower Upper

43 100

70 6.3 35.4 53.2#

55 245.3 20.9 31.3#

61 0.0 20.5 30.7#

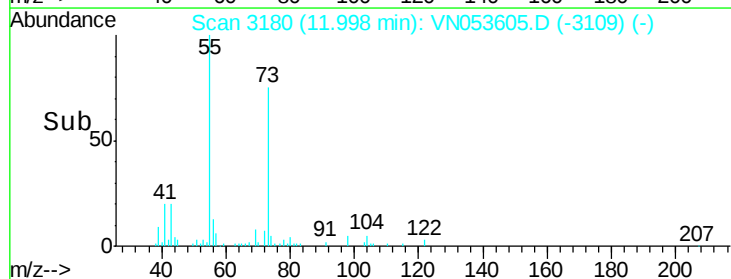
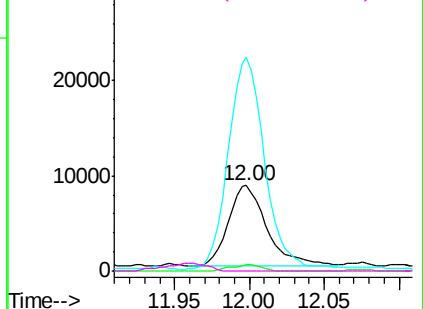


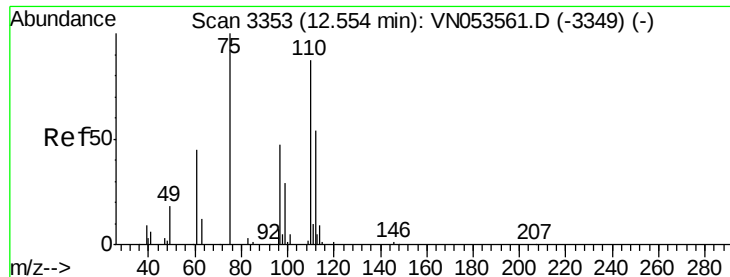
Abundance Ion 43.00 (42.70 to 43.70): V

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





#76

1,2,3-Trichloropropane

Concen: 36.602 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

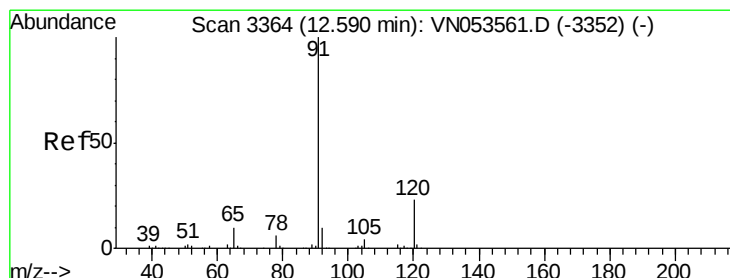
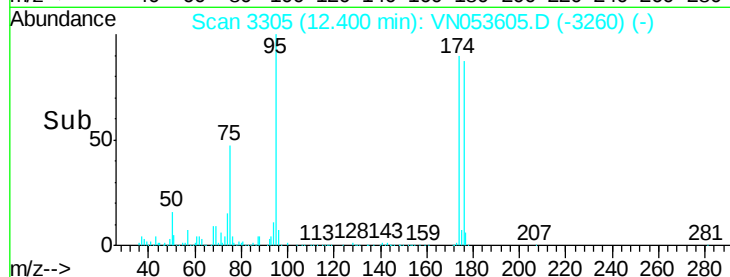
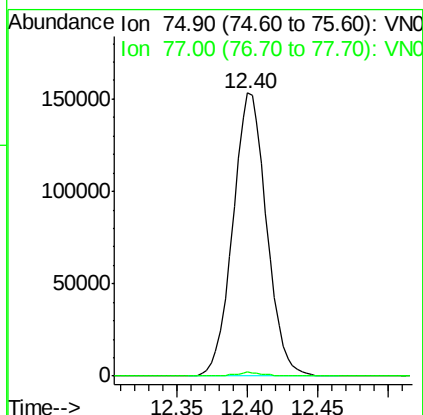
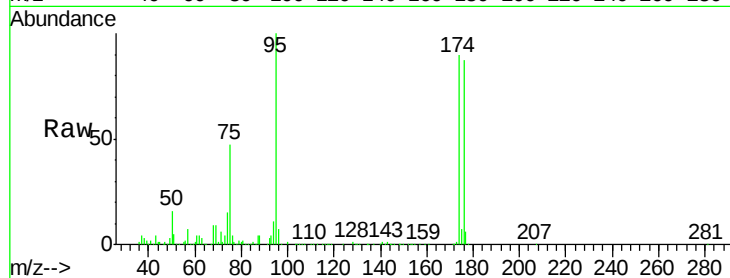
COMP-2

Tot Ion: 75 Resp: 256377

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#78

n-propylbenzene

Concen: 0.227 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053605.D

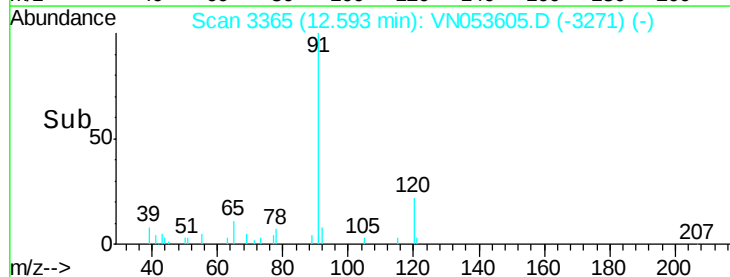
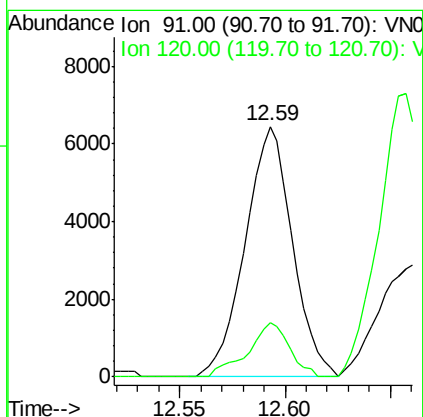
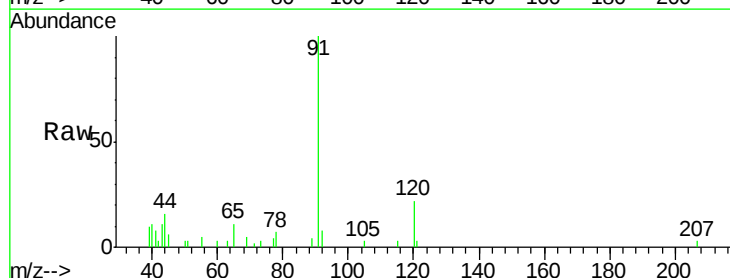
Acq: 4 Feb 2019 19:04

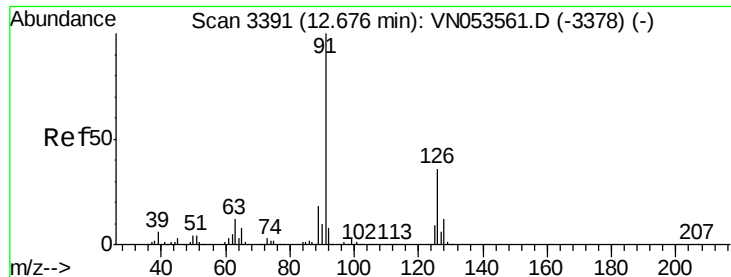
Tgt Ion: 91 Resp: 10069

Ion Ratio Lower Upper

91 100

120 18.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.203 ug/l

RT: 12.66 min Scan# 3386

Delta R.T. -0.02 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

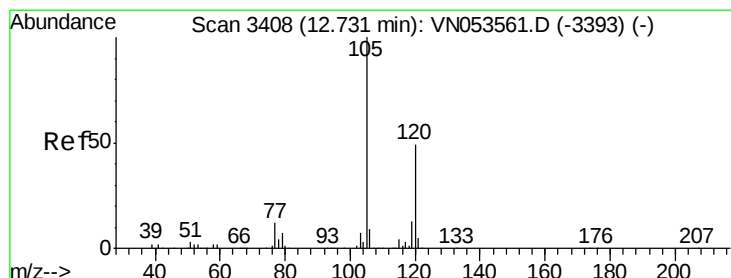
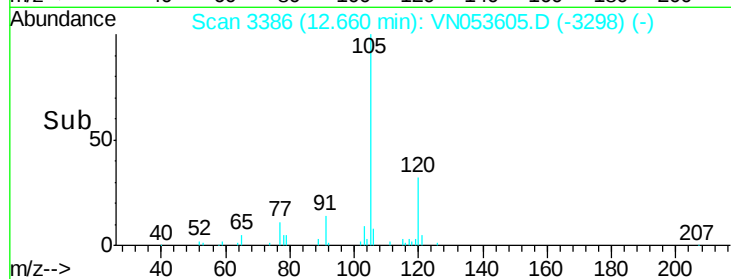
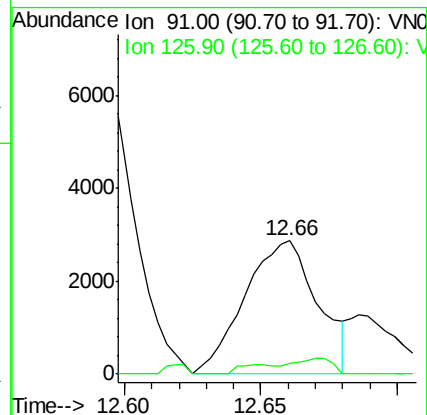
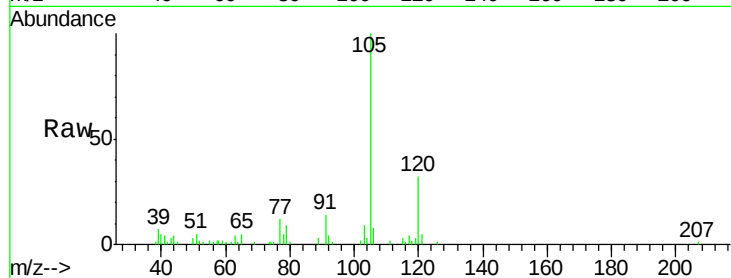
COMP-2

Tot Ion: 91 Resp: 5337

Ion Ratio Lower Upper

91 100

126 7.0 17.9 53.7#



#80

1,3,5-Trimethylbenzene

Concen: 0.960 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053605.D

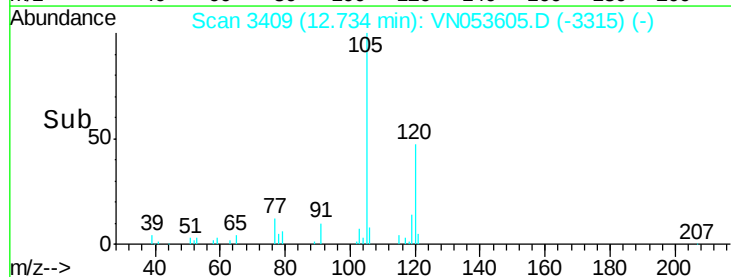
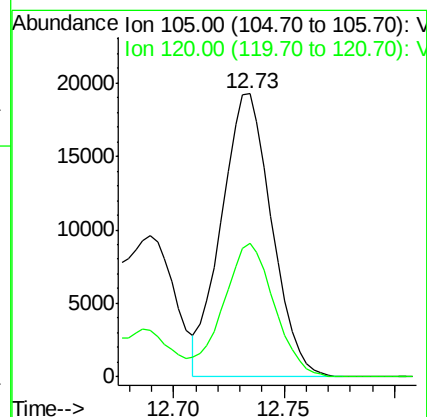
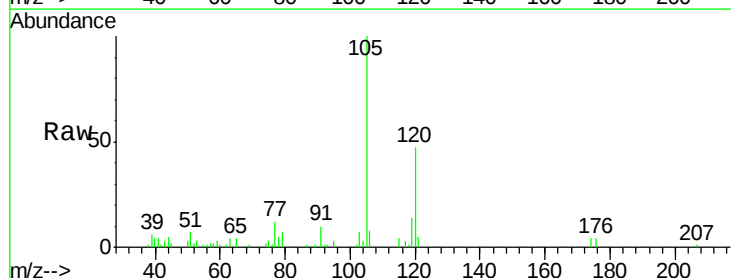
Acq: 4 Feb 2019 19:04

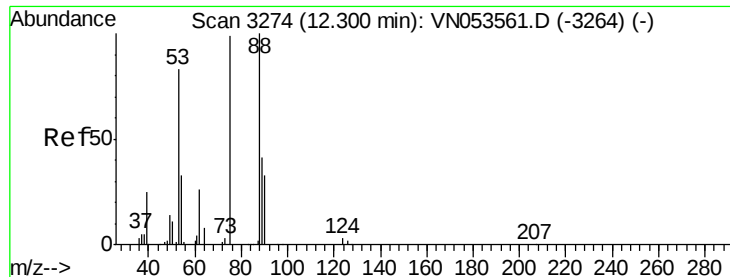
Tgt Ion: 105 Resp: 30513

Ion Ratio Lower Upper

105 100

120 48.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 102.921 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

COMP-2

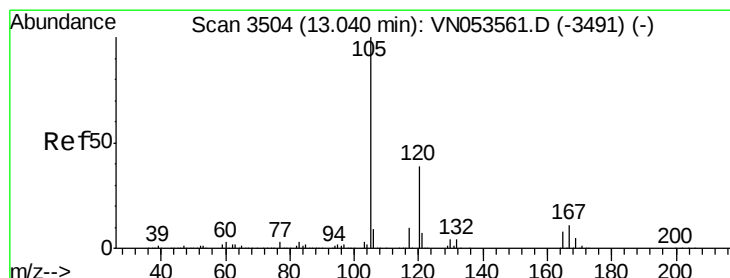
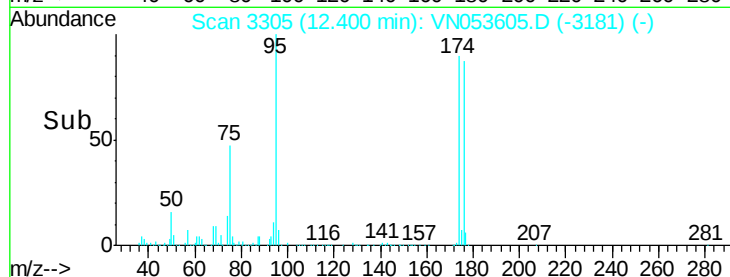
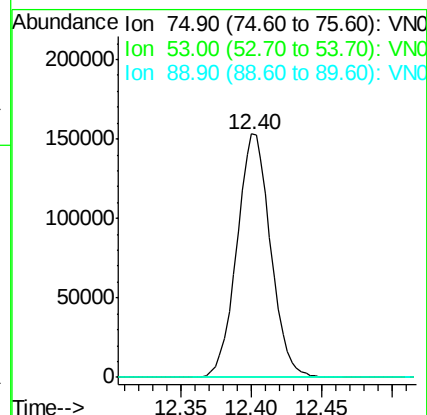
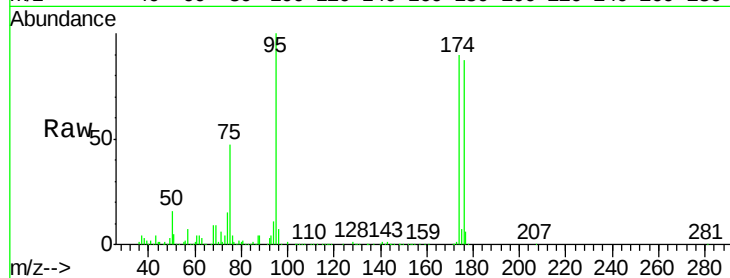
Tot Ion: 75 Resp: 256377

Ion Ratio Lower Upper

75 100

53 0.4 69.8 104.6#

89 0.0 35.6 53.4#



#84

1,2,4-Trimethylbenzene

Concen: 2.405 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053605.D

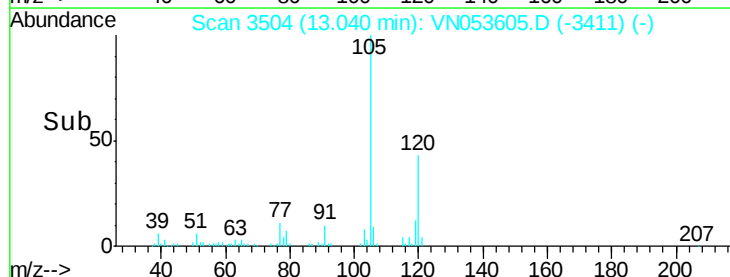
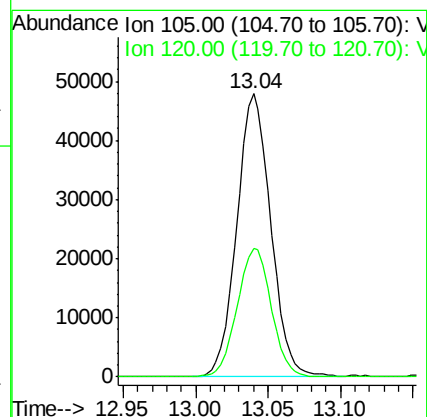
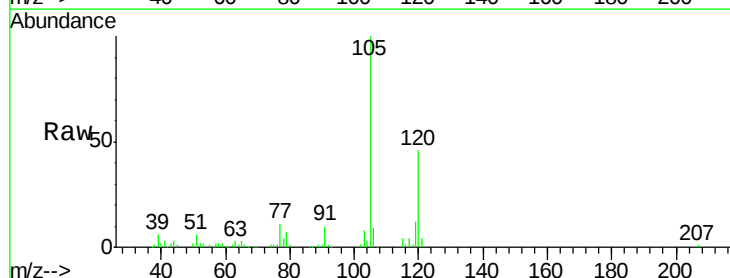
Acq: 4 Feb 2019 19:04

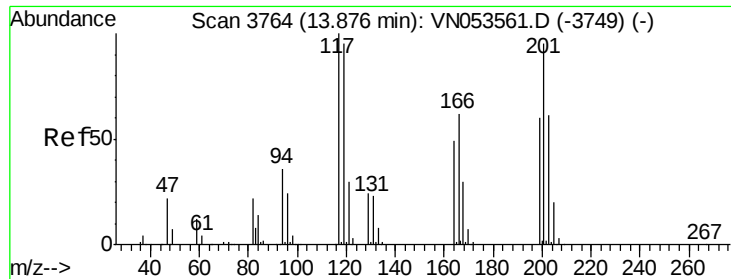
Tgt Ion: 105 Resp: 77882

Ion Ratio Lower Upper

105 100

120 45.5 23.0 69.0





#90

Hexachloroethane

Concen: 0.292 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

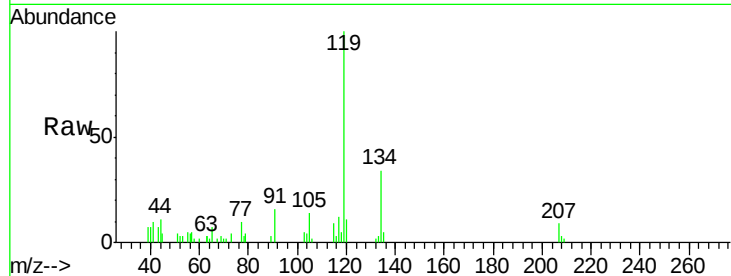
COMP-2

Tot Ion:117 Resp: 1613

Ion Ratio Lower Upper

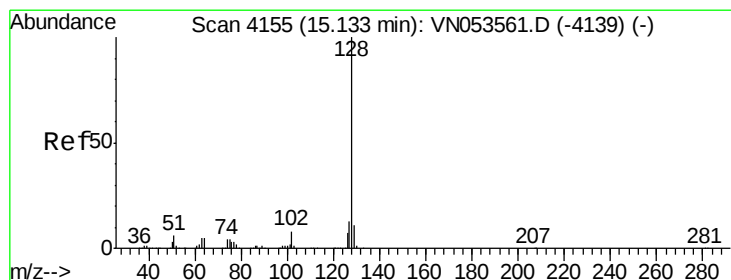
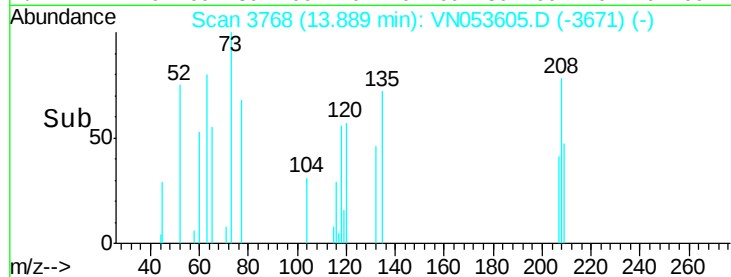
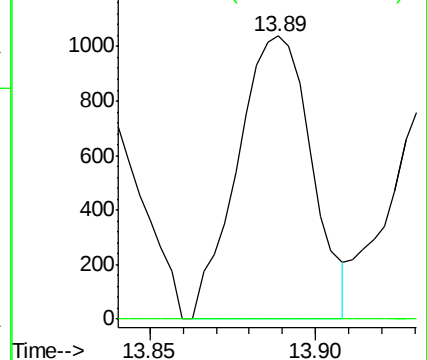
117 100

201 0.0 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 26.036 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053605.D

Acq: 4 Feb 2019 19:04

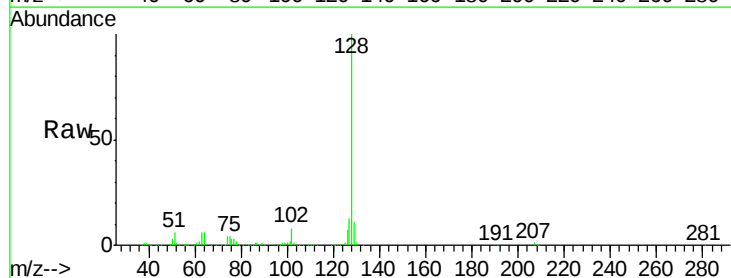
Tgt Ion:128 Resp: 603052

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 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

