

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020119\
 Data File : VN053580.D
 Acq On : 1 Feb 2019 16:55
 Operator : JC/SP
 Sample : K1359-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Quant Time: Feb 01 22:51:35 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	774584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1208619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1088554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	477747	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	382651	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
35) Dibromofluoromethane	7.59	113	381650	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	10.09	98	1448474	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	487353	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	

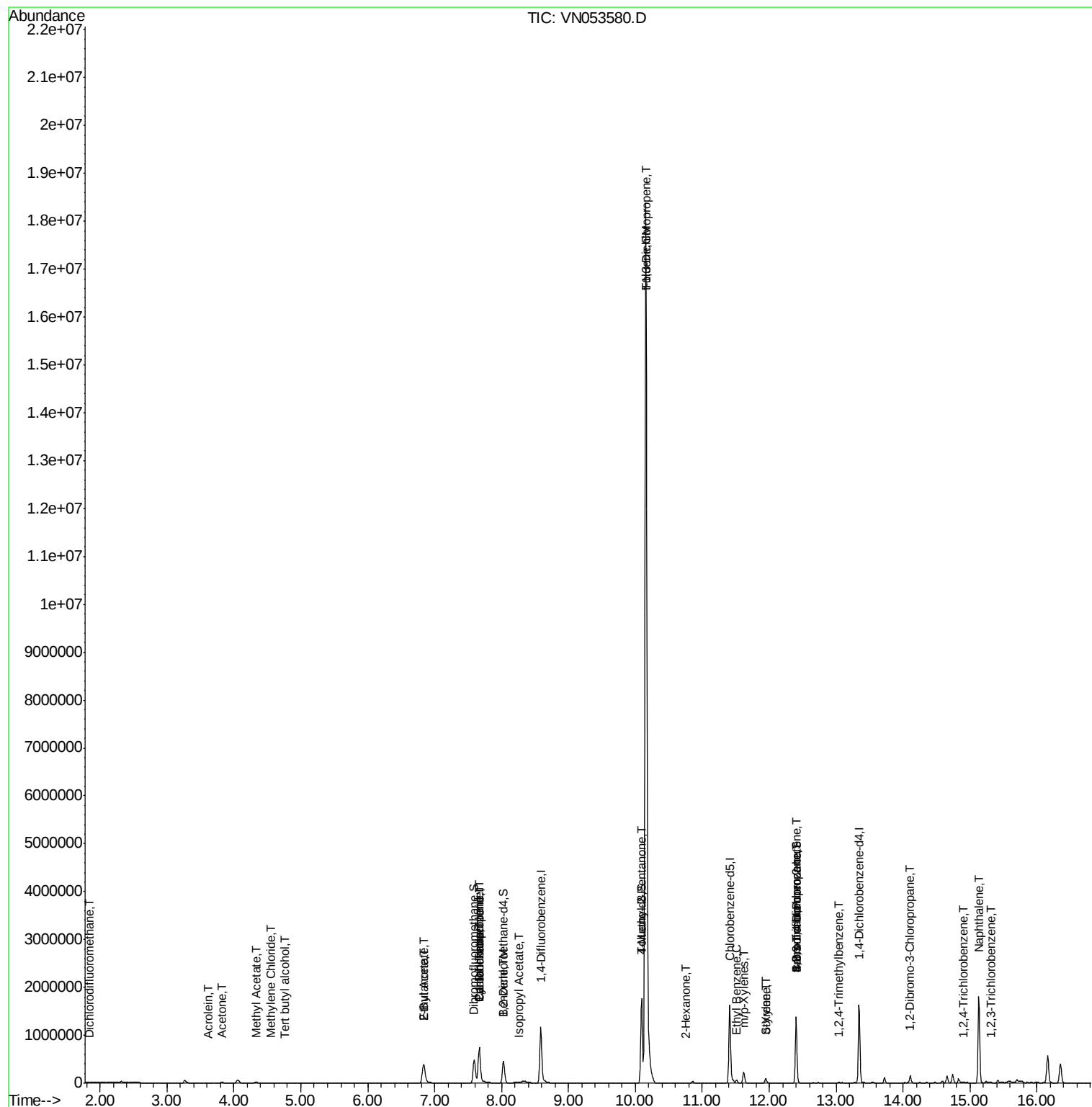
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	494	0.394	ug/l #	42
11) Tert butyl alcohol	4.76	59	666	1.448	ug/l #	72
13) Acrolein	3.61	56	761	3.039	ug/l #	73
16) Acetone	3.82	43	33938	17.027	ug/l	94
18) Methyl Acetate	4.33	43	35365	5.991	ug/l	100
20) Methylene Chloride	4.55	84	5750	0.688	ug/l #	93
25) 2-Butanone	6.83	43	745660	262.307	ug/l	99
31) Cyclohexane	7.67	56	11455	0.705	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	46436	4.262	ug/l #	48
37) Ethyl Acetate	6.83	43	745660	122.543	ug/l #	68
38) Carbon Tetrachloride	7.67	117	60133	5.479	ug/l #	15
40) Benzene	8.04	78	10632	0.316	ug/l	97
43) Isopropyl Acetate	8.25	43	25290	2.152	ug/l #	51
51) 4-Methyl-2-Pentanone	10.09	43	5178	0.897	ug/l #	1
52) Toluene	10.16	92	9427178	472.783	ug/l	98
53) t-1,3-Dichloropropene	10.16	75	102881	9.539	ug/l #	1
59) 2-Hexanone	10.76	43	1122	0.286	ug/l #	48
67) Ethyl Benzene	11.51	91	52752	1.389	ug/l	94
68) m/p-Xylenes	11.62	106	78063	5.385	ug/l	99
69) o-Xylene	11.95	106	28491	2.034	ug/l	95
70) Styrene	11.97	104	6214	0.274	ug/l #	40
71) Bromoform	12.40	173	3319	0.600	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	226529	36.916	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	226529	103.804	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	15082	0.532	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.11	75	5377	4.694	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	3861	0.432	ug/l	93
95) Naphthalene	15.13	128	1600794	75.364	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	4892	0.590	ug/l	83

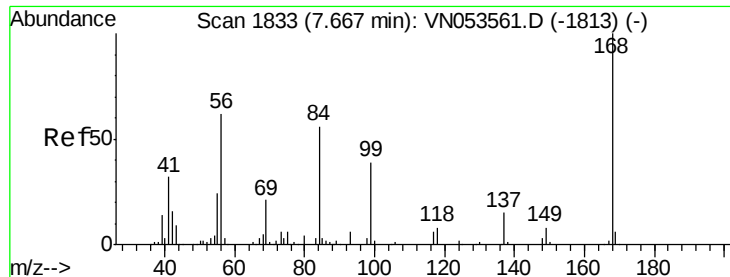
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

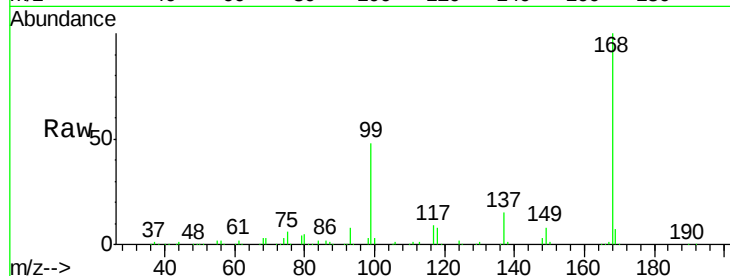
COMP-3

Tot Ion:168 Resp: 774584

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

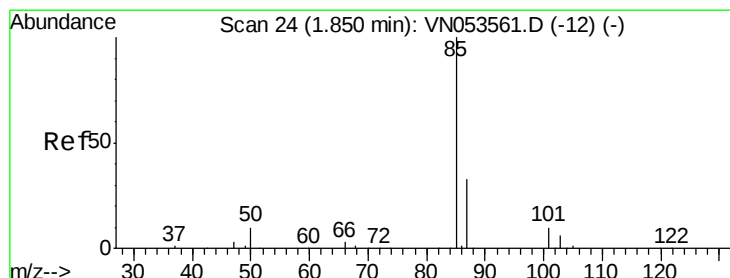
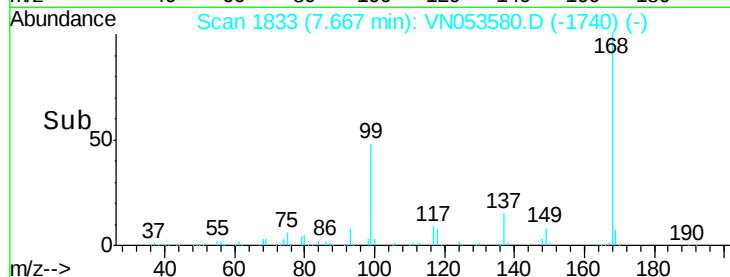
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.394 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053580.D

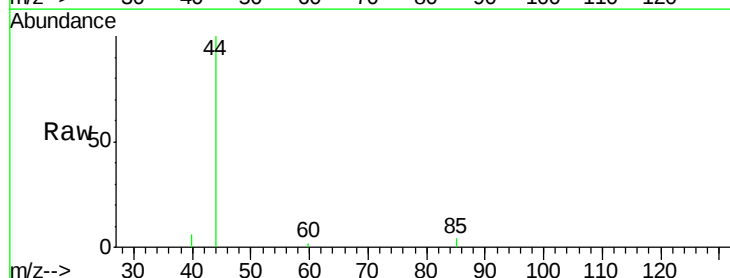
Acq: 1 Feb 2019 16:55

Tgt Ion: 85 Resp: 494

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

500

400

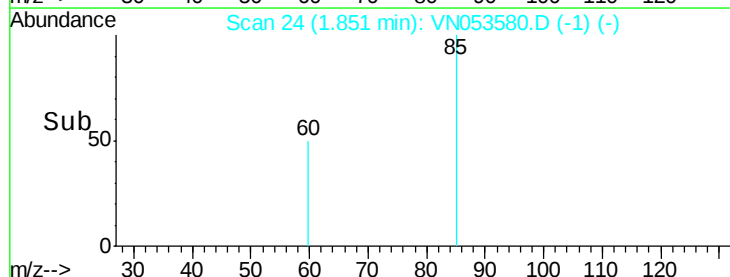
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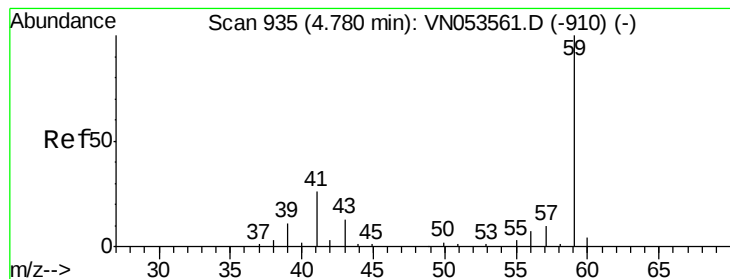
200

100

0

Time-->



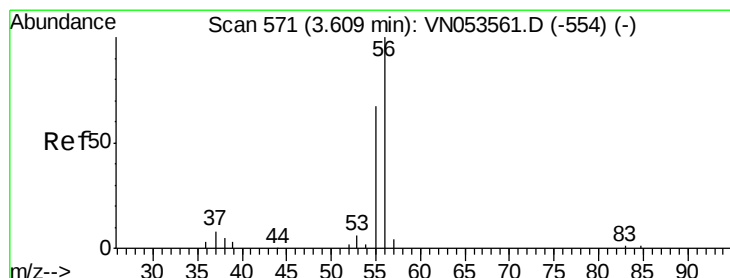
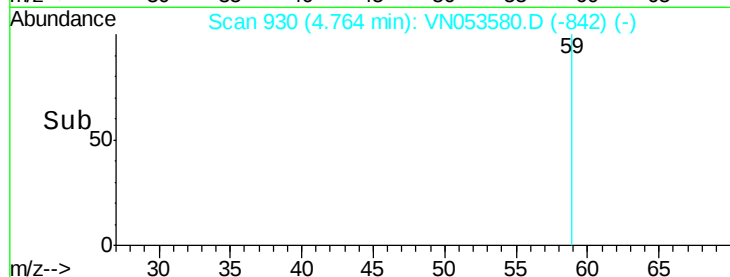
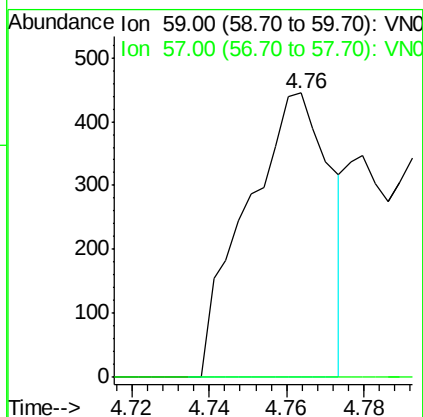
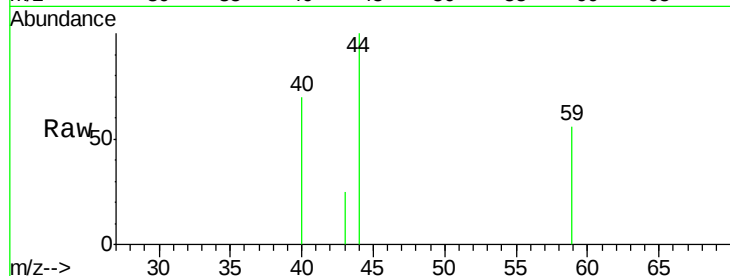


#11

Tert butyl alcohol
 Concen: 1.448 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.02 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-3

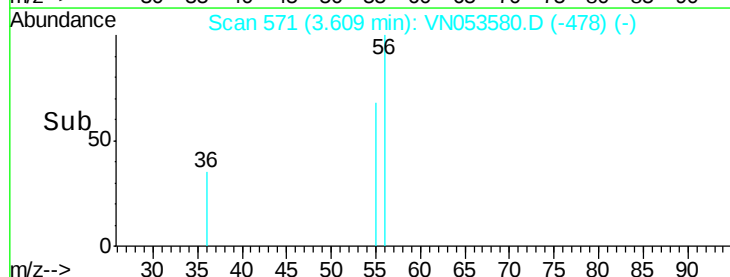
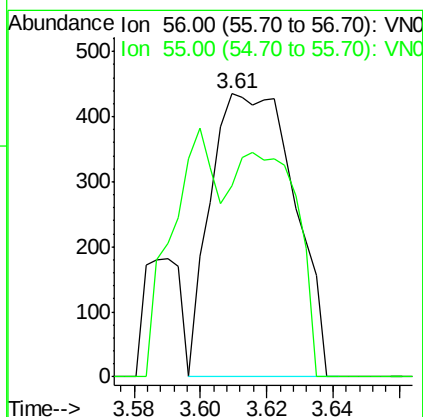
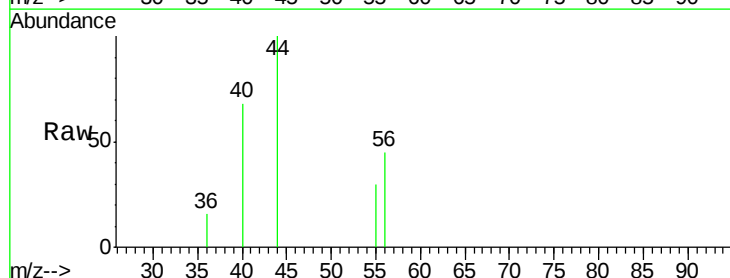
Tot Ion: 59 Resp: 666
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

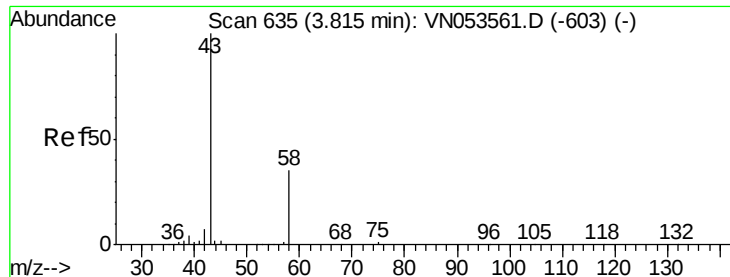


#13

Acrolein
 Concen: 3.039 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

Tgt Ion: 56 Resp: 761
 Ion Ratio Lower Upper
 56 100
 55 49.1 57.4 86.0#





#16

Acetone

Concen: 17.027 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

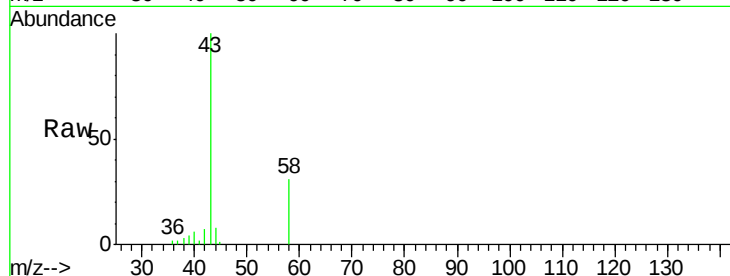
COMP-3

Tot Ion: 43 Resp: 33938

Ion Ratio Lower Upper

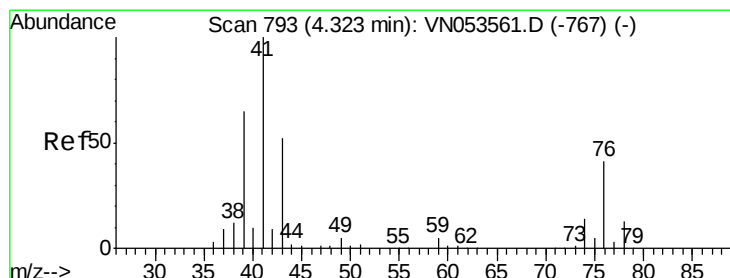
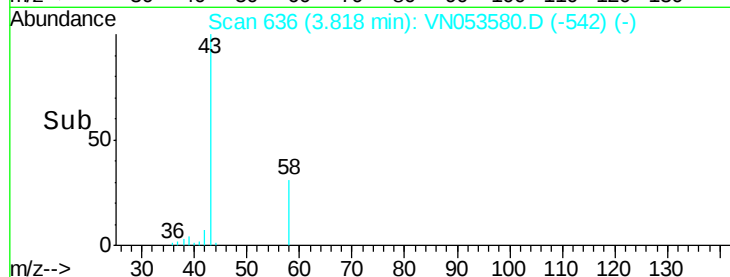
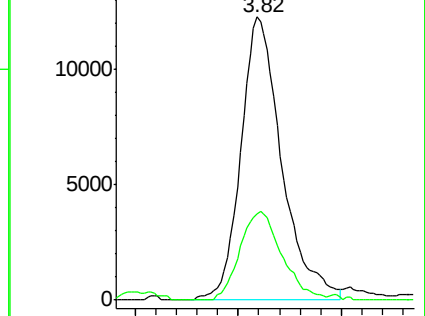
43 100

58 30.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 5.991 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053580.D

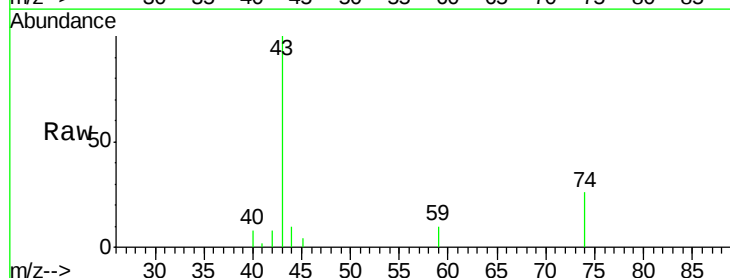
Acq: 1 Feb 2019 16:55

Tgt Ion: 43 Resp: 35365

Ion Ratio Lower Upper

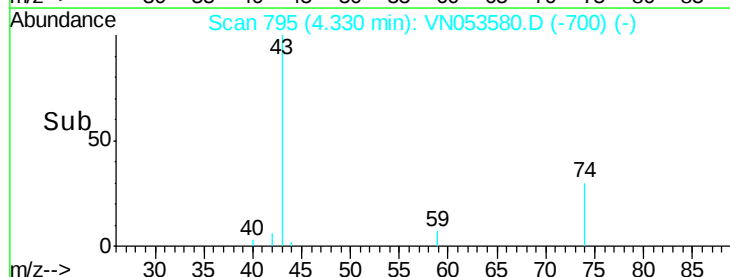
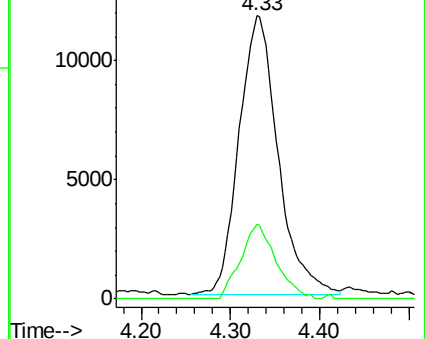
43 100

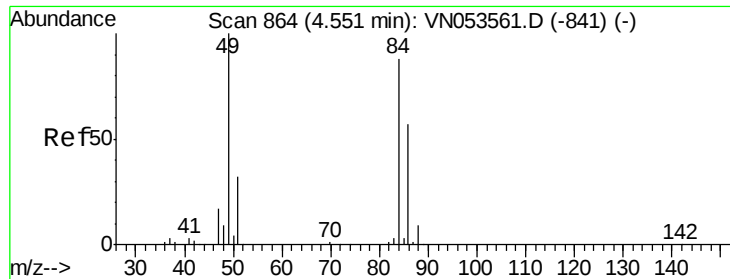
74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

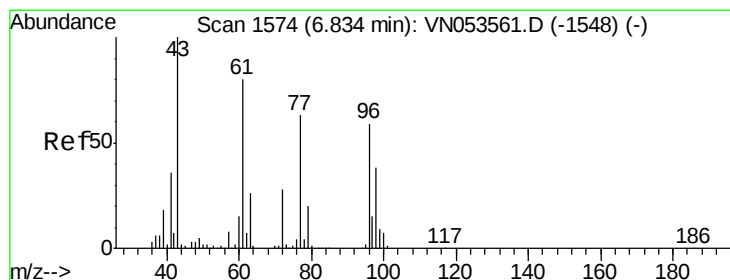
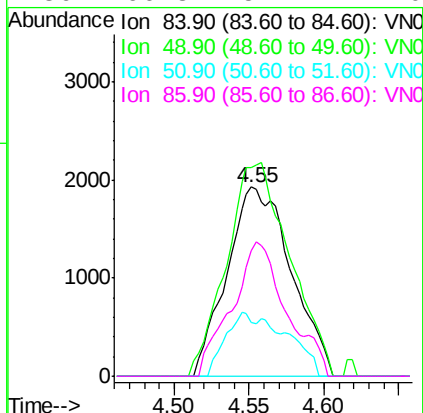
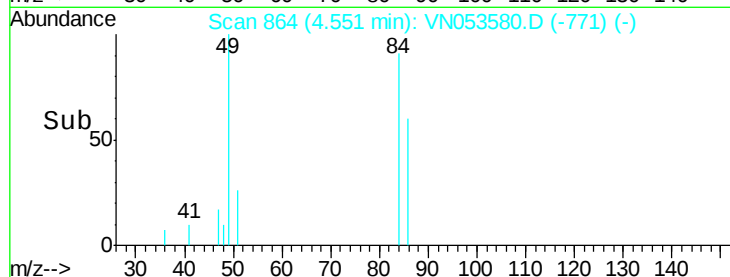
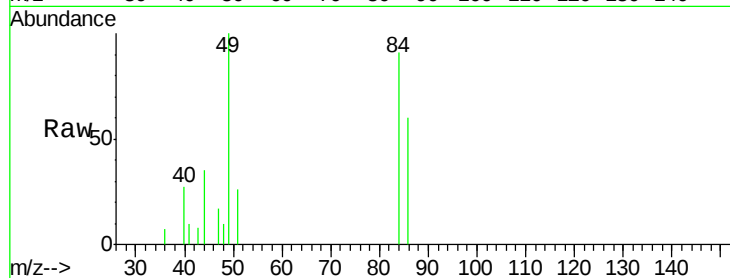




#20
Methvlene Chloride
Concen: 0.688 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

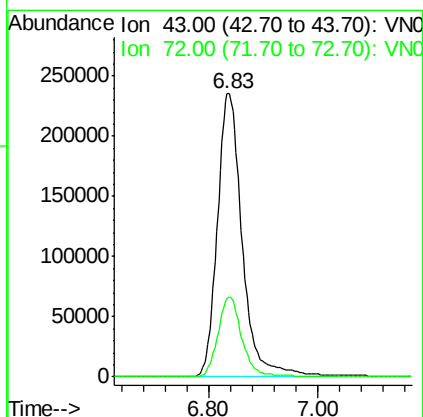
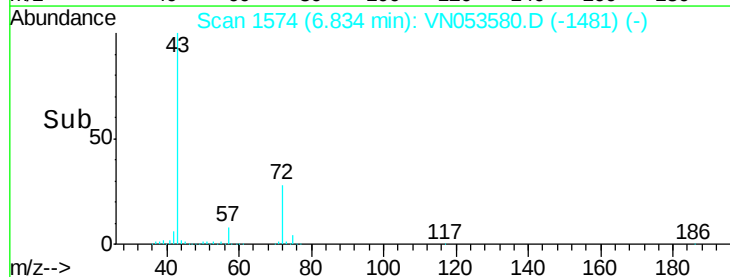
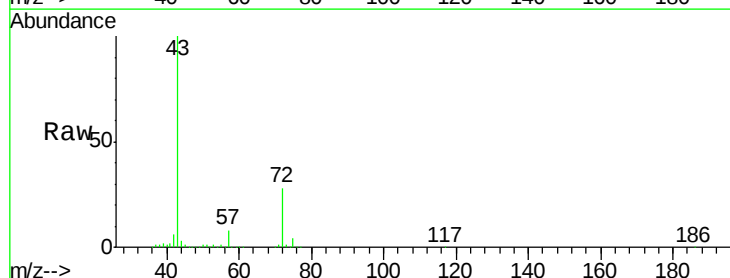
Instrument :
MSVOA_N
ClientSampleId :
COMP-3

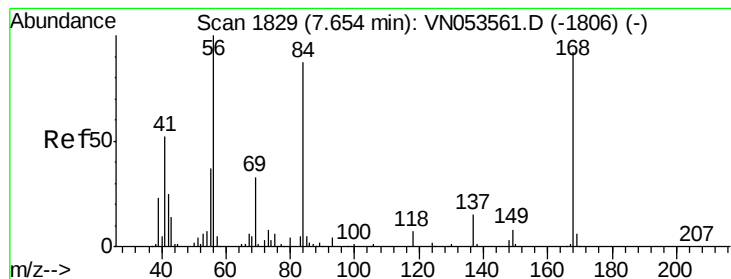
Tot Ion: 84 Resp: 5750
Ion Ratio Lower Upper
84 100
49 110.3 94.3 141.5
51 28.3 29.4 44.2#
86 66.3 51.4 77.0



#25
2-Butanone
Concen: 262.307 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

Tgt Ion: 43 Resp: 745660
Ion Ratio Lower Upper
43 100
72 27.8 22.0 33.0





#31

Cyclohexane

Concen: 0.705 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

COMP-3

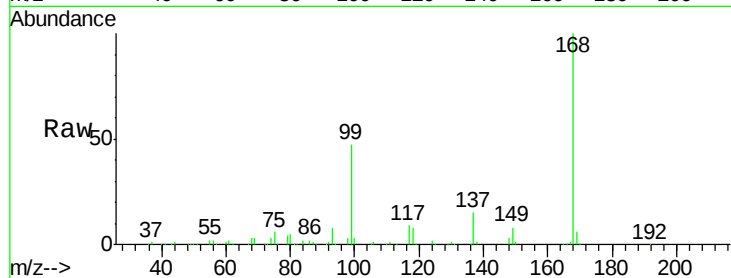
Tot Ion: 56 Resp: 11455

Ion Ratio Lower Upper

56 100

69 186.1 26.4 39.6#

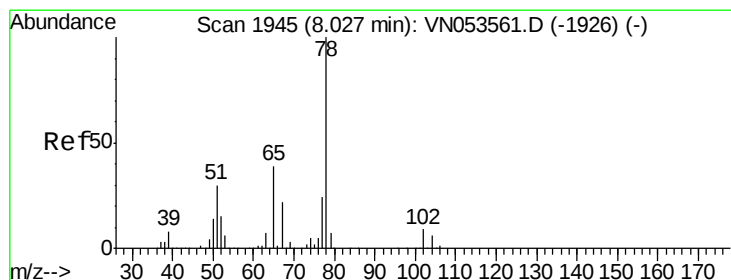
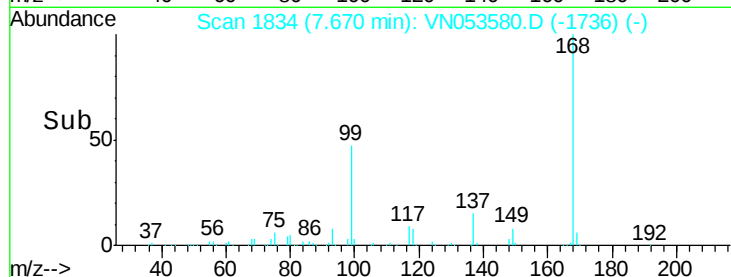
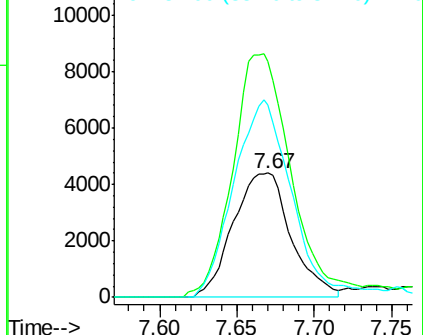
84 155.1 67.9 101.9#



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: VN053580.D

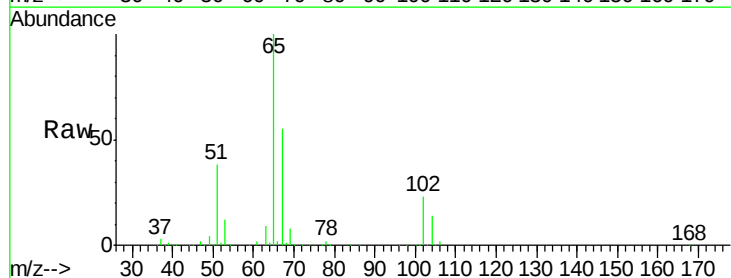
Acq: 1 Feb 2019 16:55

Tgt Ion: 65 Resp: 382651

Ion Ratio Lower Upper

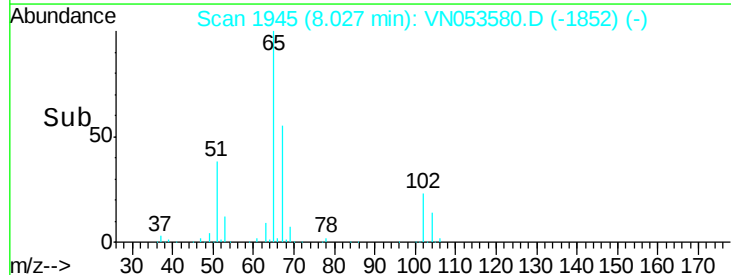
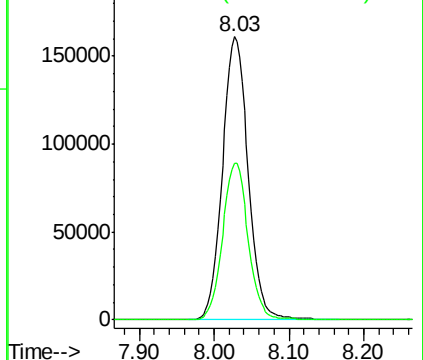
65 100

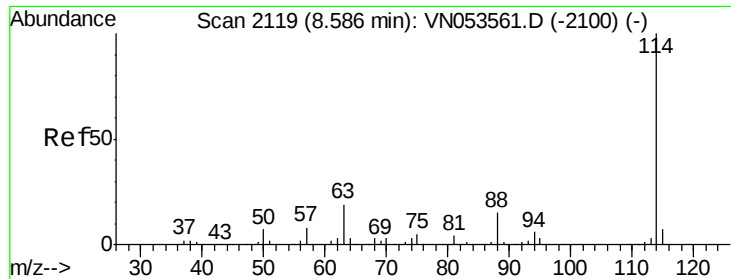
67 55.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

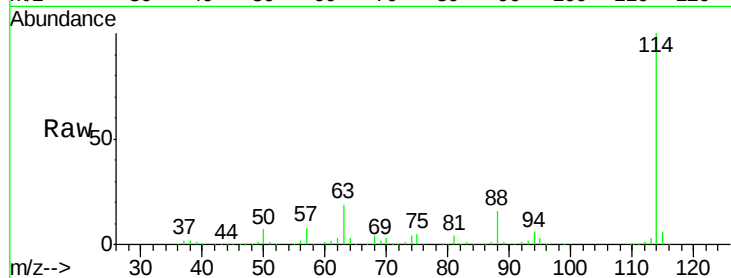




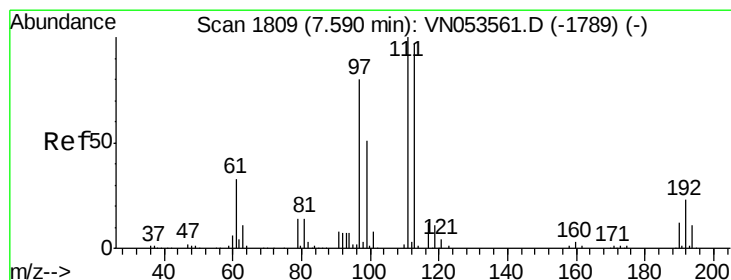
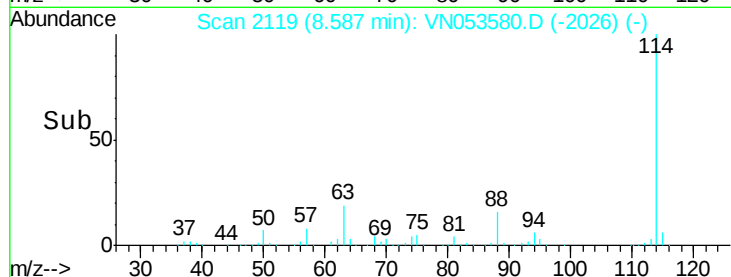
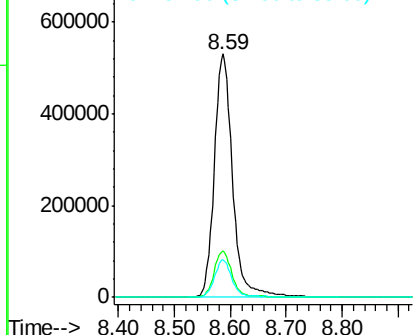
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Tot Ion:114 Resp: 1208619
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.6 0.0 30.4

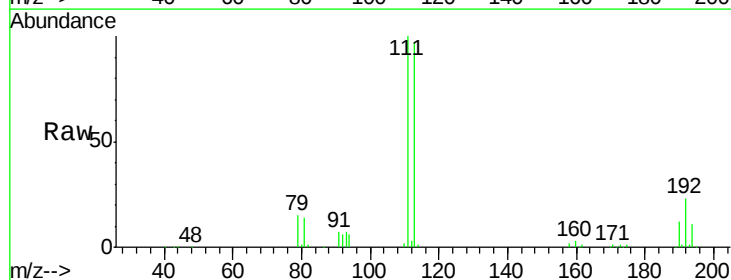


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

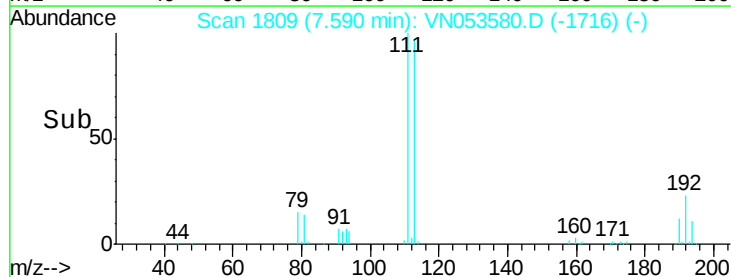
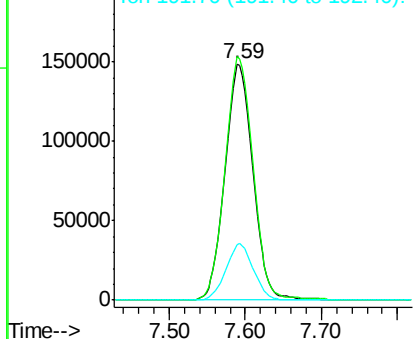


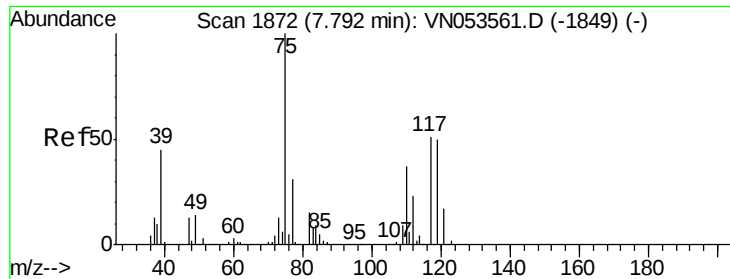
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

Tgt Ion:113 Resp: 381650
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.1 121.7
 192 23.3 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

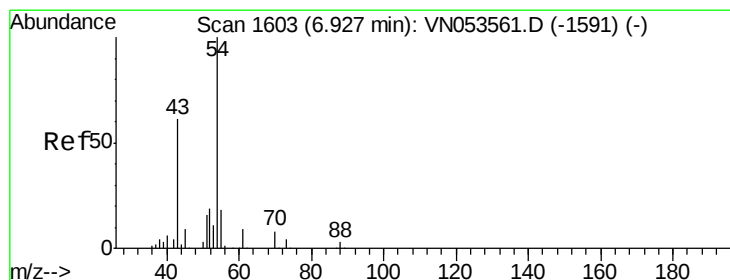
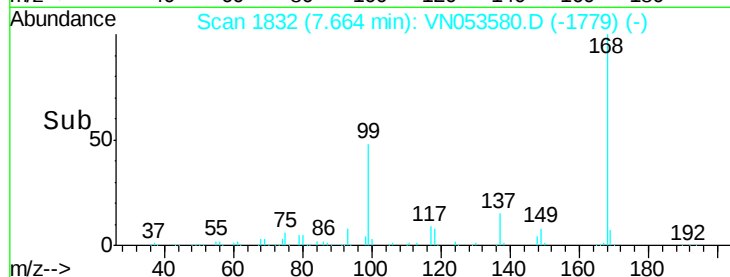
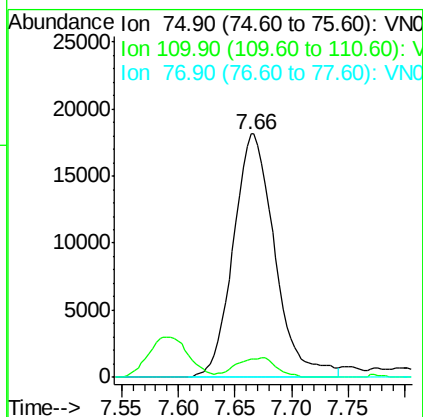
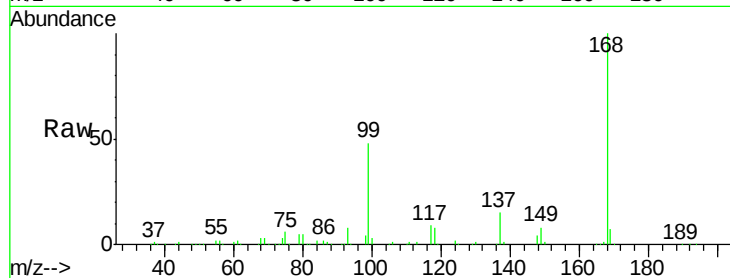




#36
 1,1-Dichloropropene
 Concen: 4.262 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

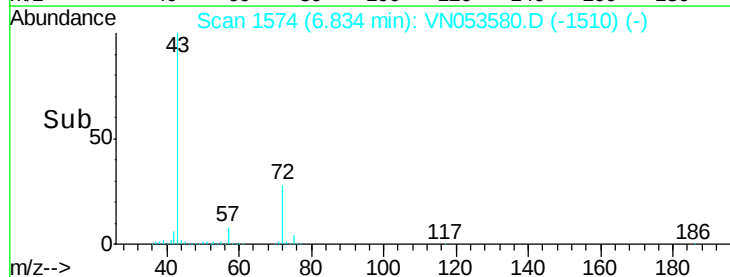
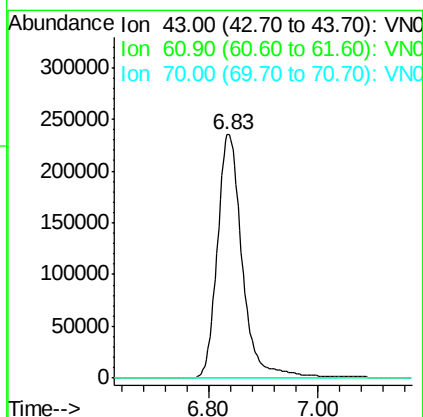
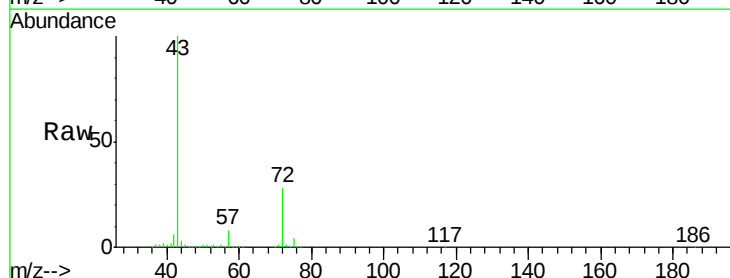
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-3

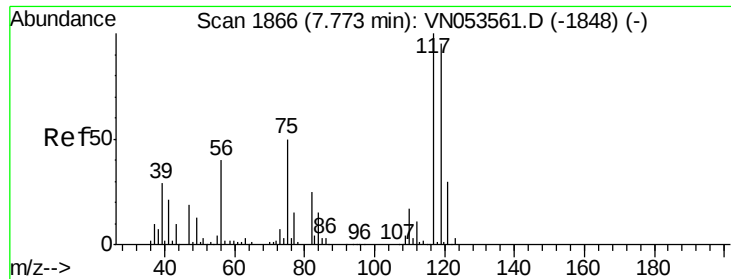
Tot Ion: 75 Resp: 46436
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.1 54.3#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 122.543 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.09 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

Tgt Ion: 43 Resp: 745660
 Ion Ratio Lower Upper
 43 100
 61 0.1 11.8 17.6#
 70 0.1 8.6 12.8#

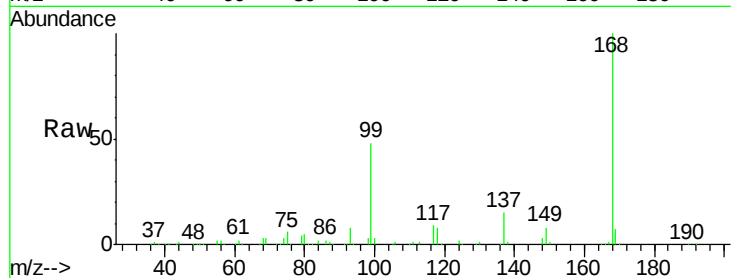




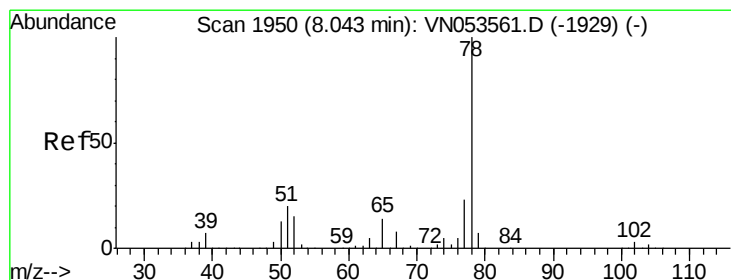
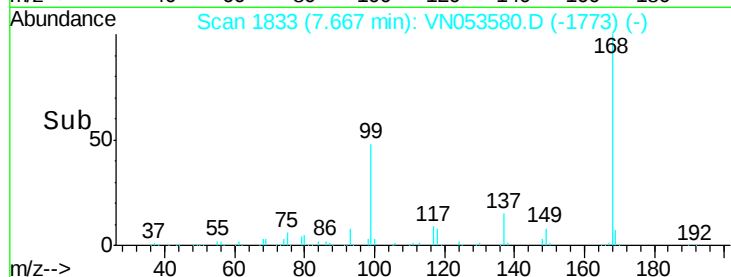
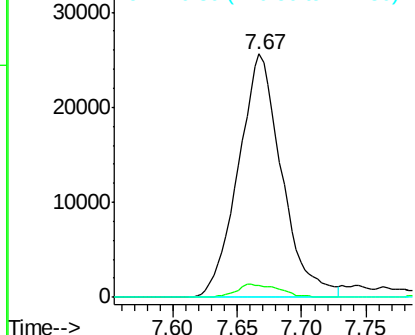
#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

Instrument :
MSVOA_N
ClientSampleId :
COMP-3

Tot Ion:117 Resp: 60133
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 24.6 37.0#

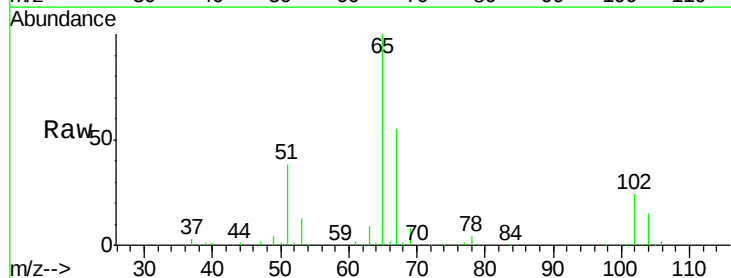


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

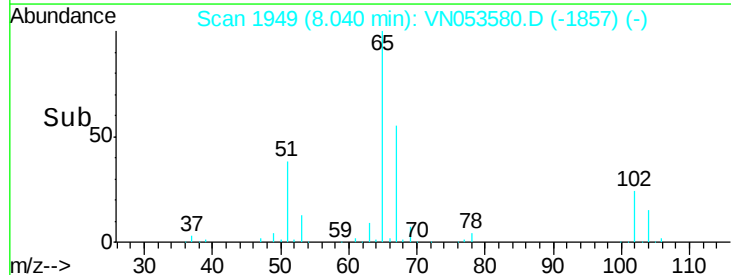
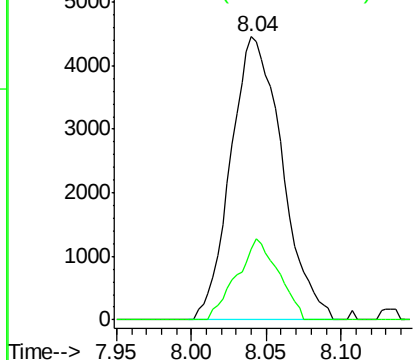


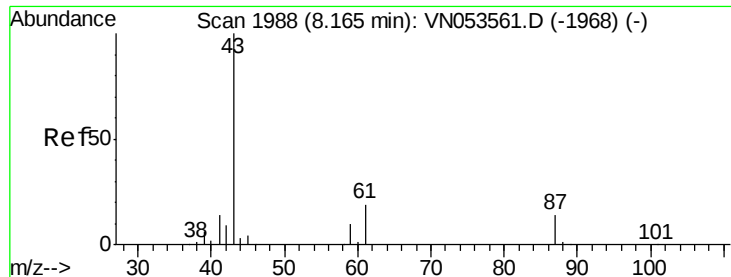
#40
Benzene
Concen: 0.316 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

Tgt Ion: 78 Resp: 10632
Ion Ratio Lower Upper
78 100
77 25.1 18.8 28.2



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





#43

Isopropyl Acetate

Concen: 2.152 ug/l

RT: 8.25 min Scan# 2013

Delta R.T. 0.08 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

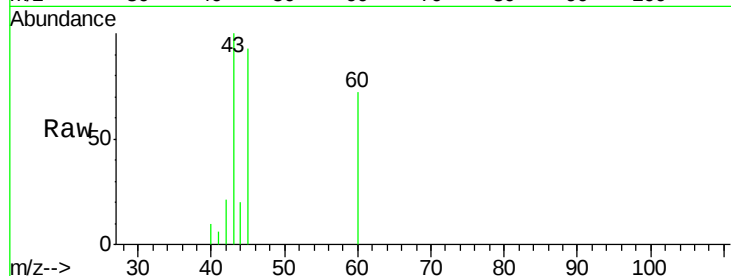
Tot Ion: 43 Resp: 25290

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

87 0.0 11.0 16.6#

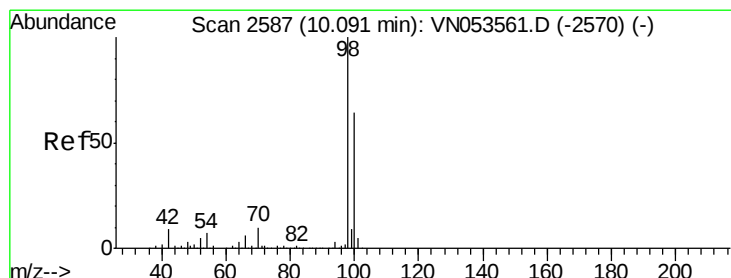
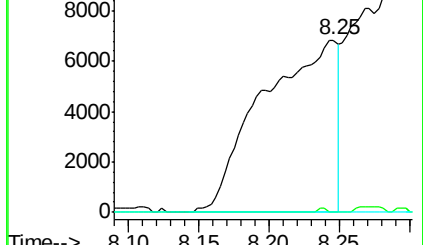
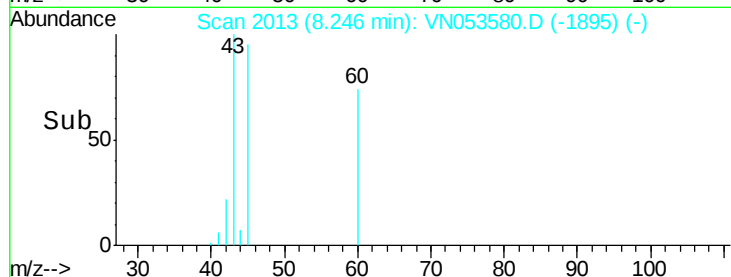


Abundance Ion 43.00 (42.70 to 43.70): VN053580.D (-2013) (-)

Ion 61.00 (60.70 to 61.70): VN053580.D (-2013) (-)

Ion 87.00 (86.70 to 87.70): VN053580.D (-2013) (-)

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053580.D

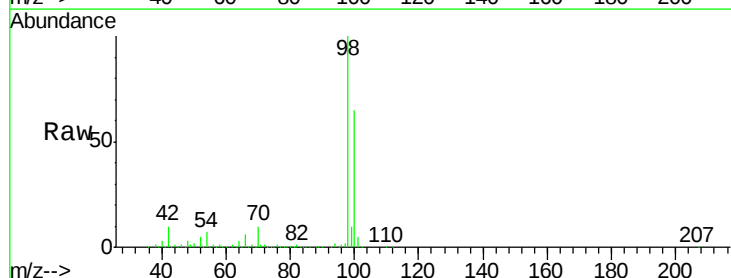
Acq: 1 Feb 2019 16:55

Tgt Ion: 98 Resp: 1448474

Ion Ratio Lower Upper

98 100

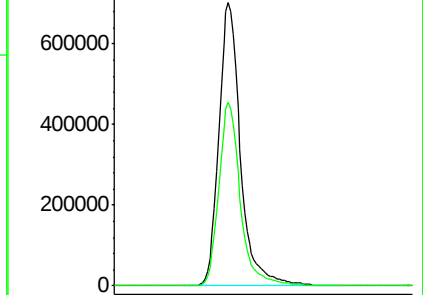
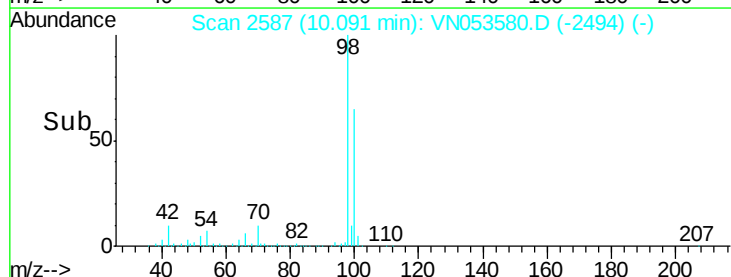
100 64.6 51.4 77.0

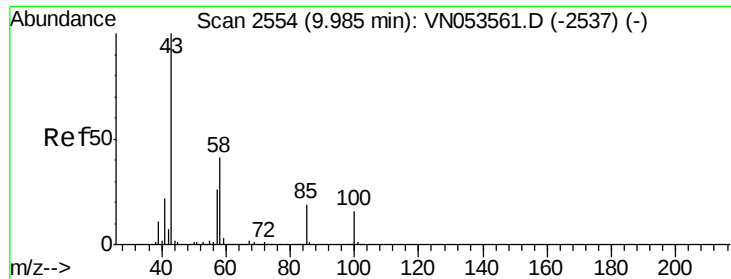


Abundance Ion 98.00 (97.70 to 98.70): VN053580.D (-2587) (-)

Ion 100.00 (99.70 to 100.70): VN053580.D (-2587) (-)

Time-->

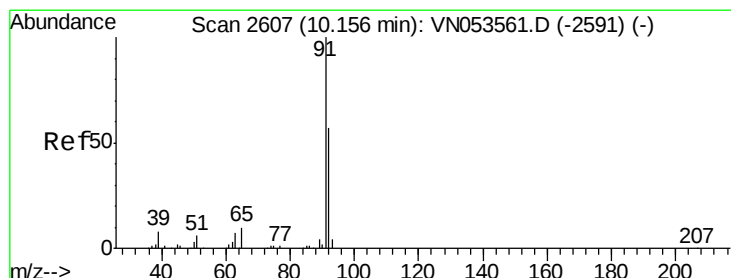
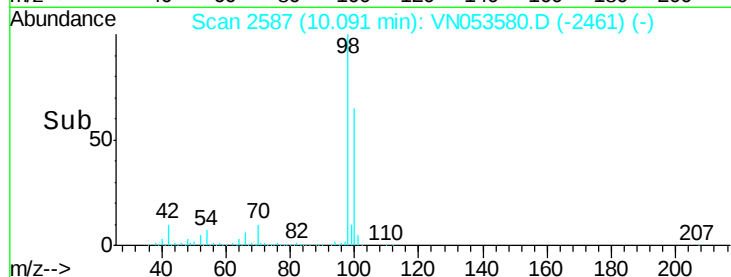
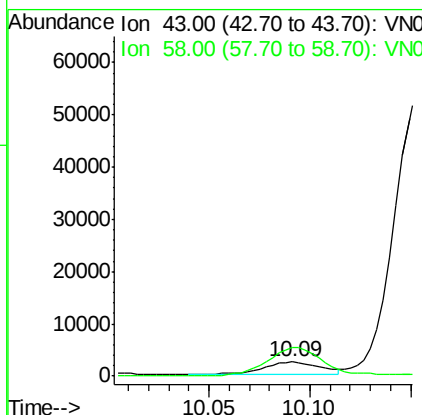
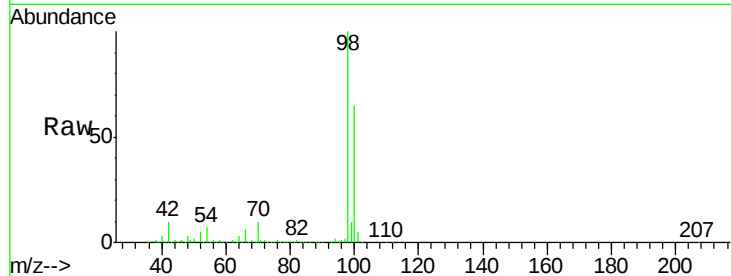




#51
 4-Methyl-2-Pentanone
 Concen: 0.897 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.11 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

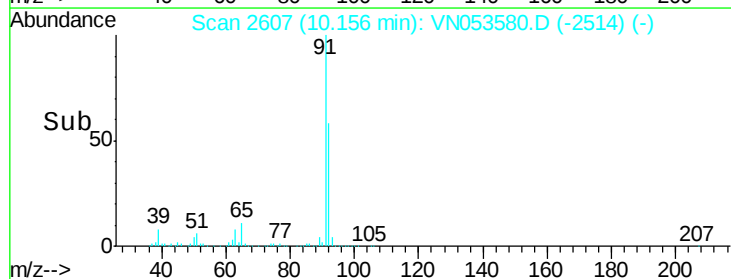
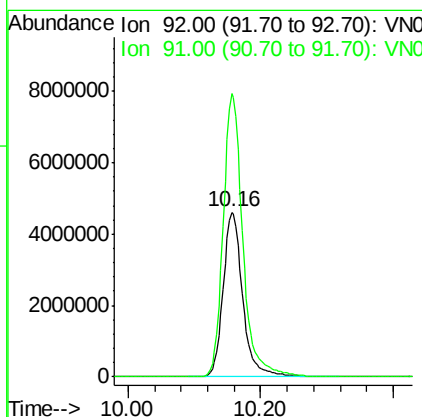
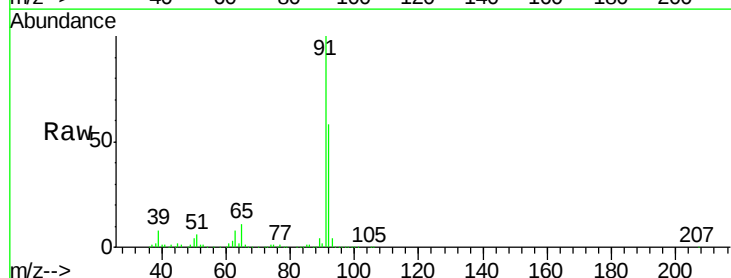
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-3

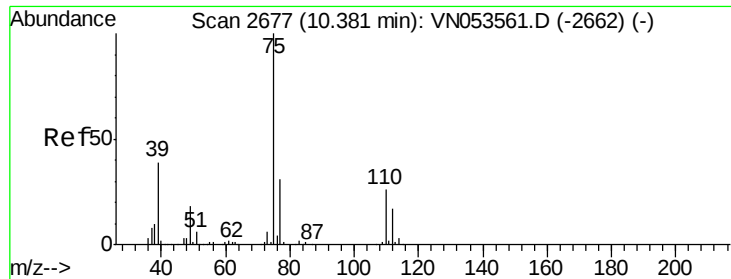
Tot Ion: 43 Resp: 5178
 Ion Ratio Lower Upper
 43 100
 58 211.0 32.8 49.2#



#52
 Toluene
 Concen: 472.783 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

Tgt Ion: 92 Resp: 9427178
 Ion Ratio Lower Upper
 92 100
 91 172.8 139.9 209.9

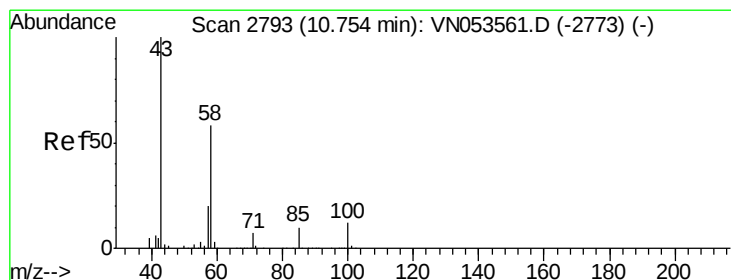
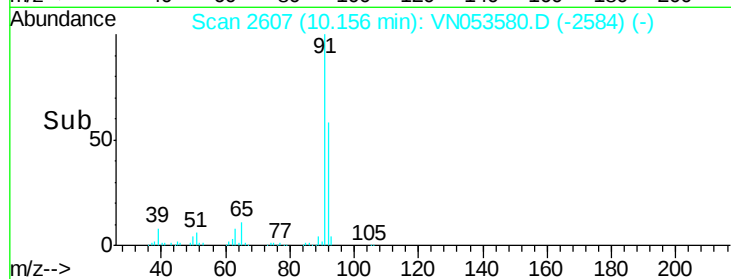
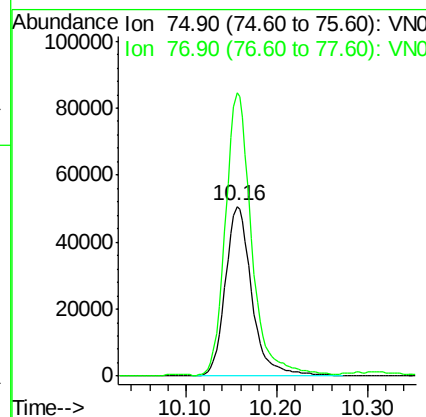
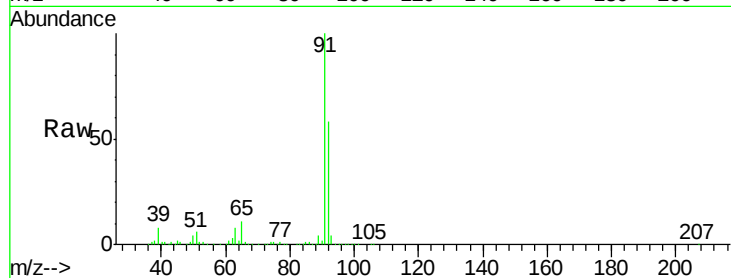




#53
t-1,3-Dichloropropene
Concen: 9.539 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.22 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

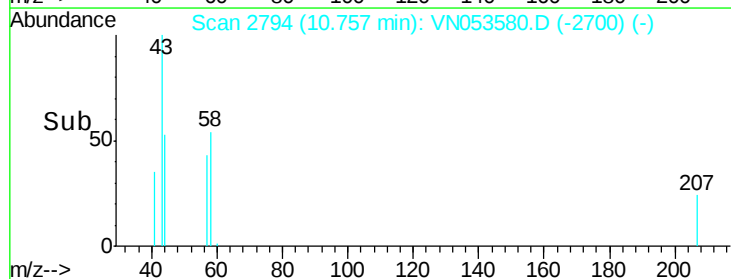
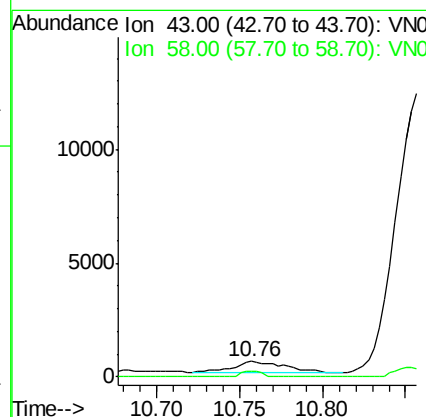
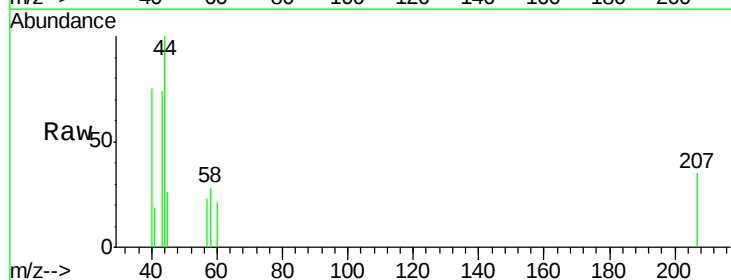
Instrument :
MSVOA_N
ClientSampleId :
COMP-3

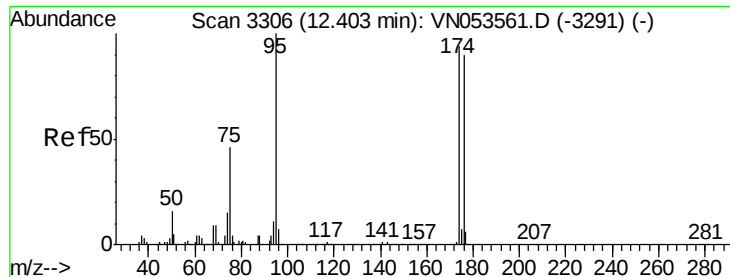
Tot Ion: 75 Resp: 102881
Ion Ratio Lower Upper
75 100
77 166.2 25.5 38.3#



#59
2-Hexanone
Concen: 0.286 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
58 18.6 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

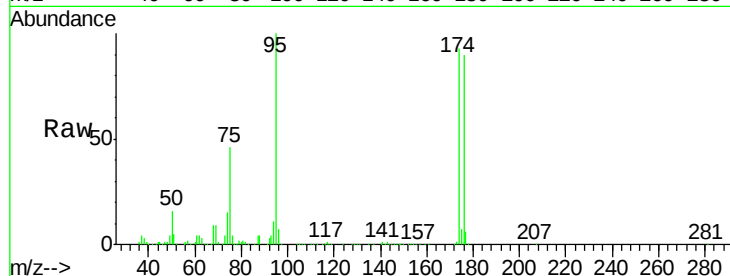
Tot Ion: 95 Resp: 487353

Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.2

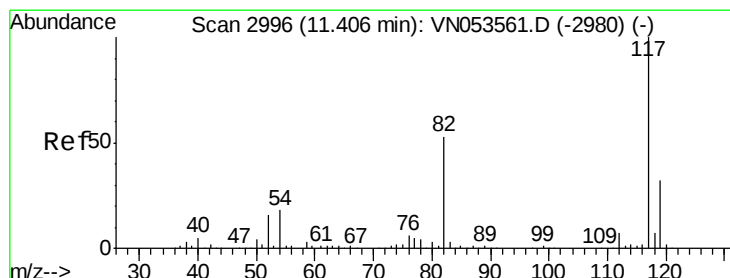
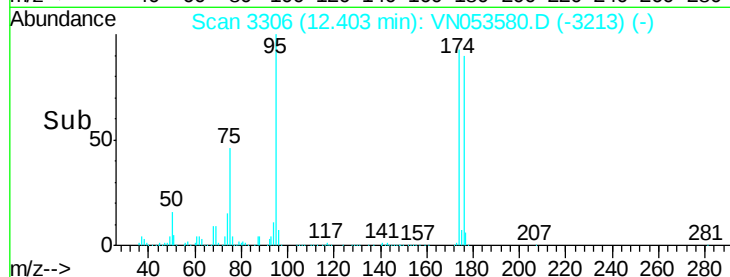
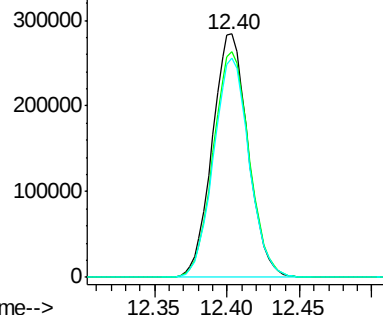
176 89.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

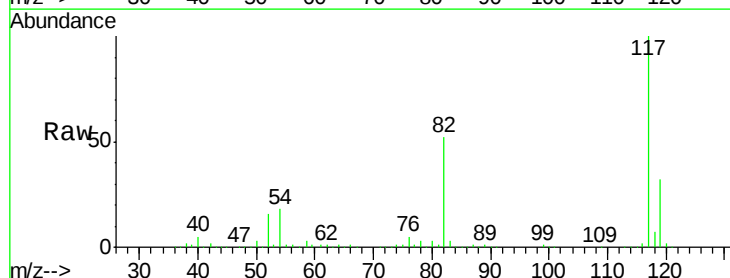
Tgt Ion: 117 Resp: 1088554

Ion Ratio Lower Upper

117 100

82 51.6 42.9 64.3

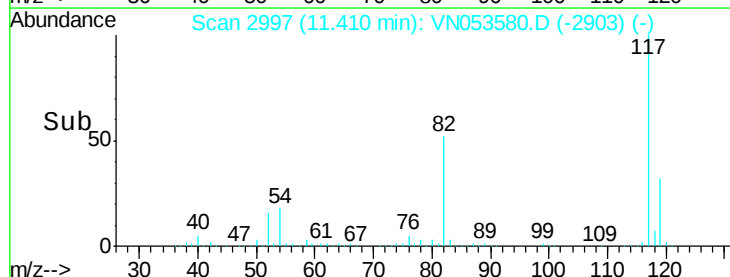
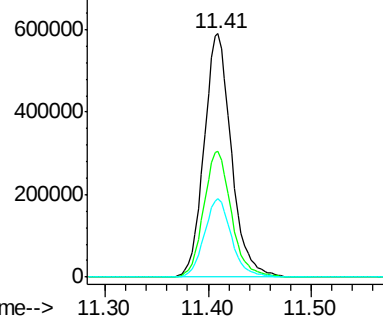
119 32.1 26.0 39.0

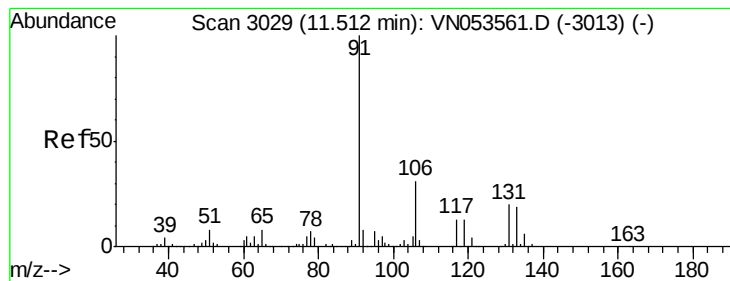


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#67

Ethyl Benzene

Concen: 1.389 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

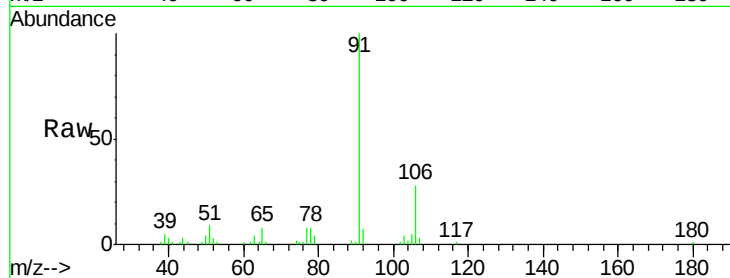
COMP-3

Tot Ion: 91 Resp: 52752

Ion Ratio Lower Upper

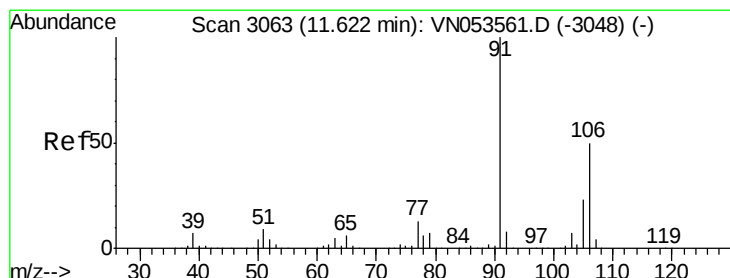
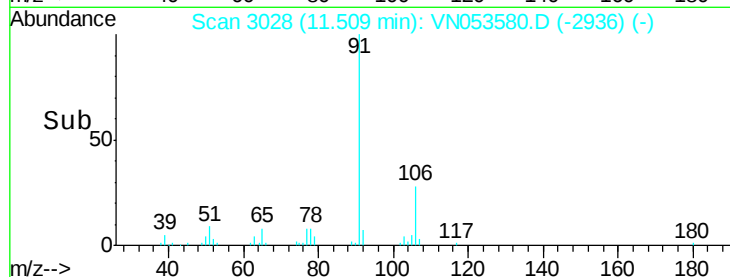
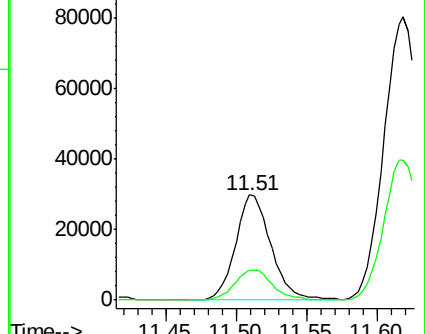
91 100

106 28.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3013) (-)

Ion 106.00 (105.70 to 106.70): VN053561.D (-3013) (-)



#68

m/p-Xylenes

Concen: 5.385 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053580.D

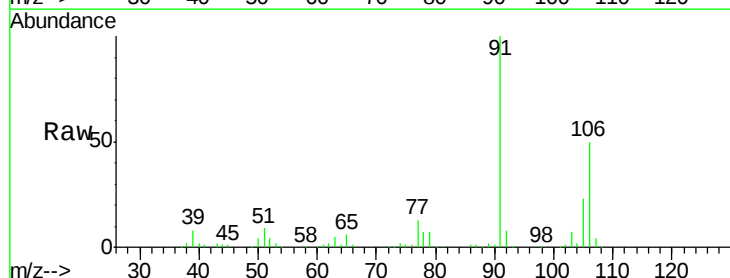
Acq: 1 Feb 2019 16:55

Tgt Ion: 106 Resp: 78063

Ion Ratio Lower Upper

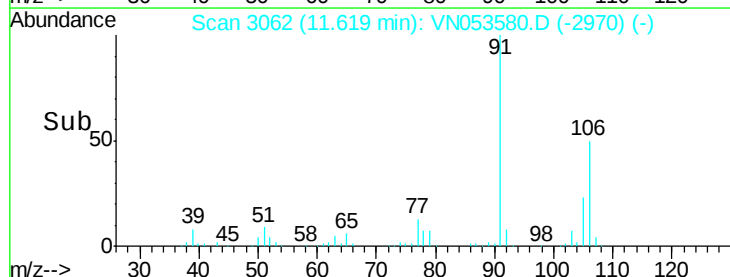
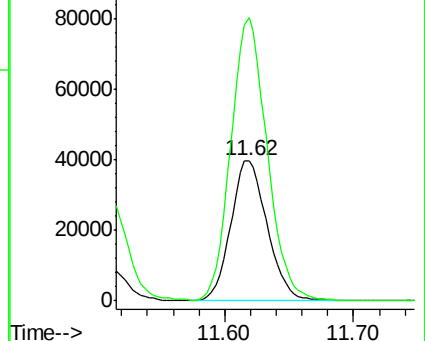
106 100

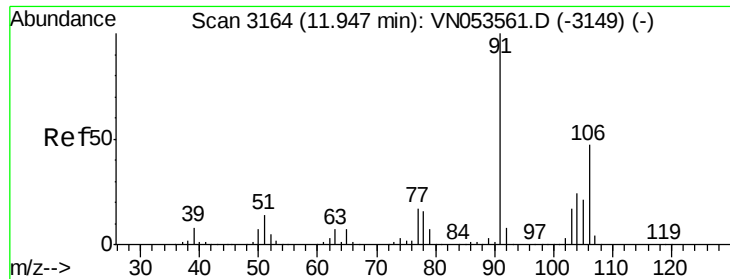
91 200.5 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): VN053561.D (-3048) (-)

Ion 91.00 (90.70 to 91.70): VN053561.D (-3048) (-)

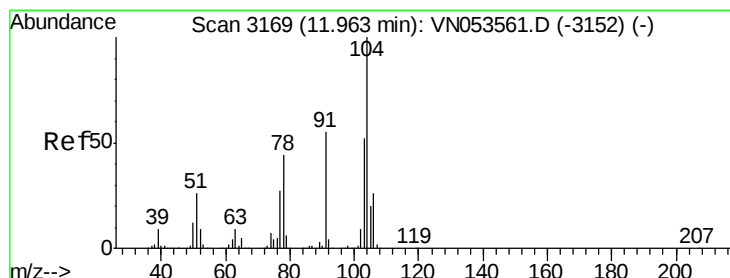
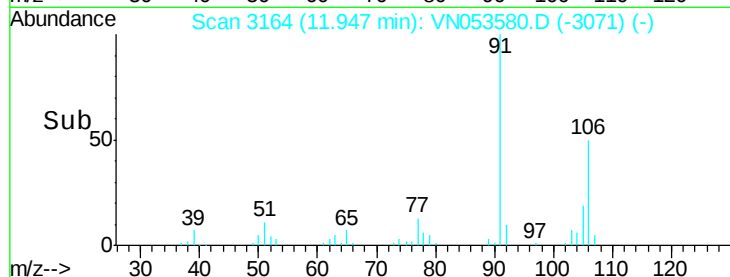
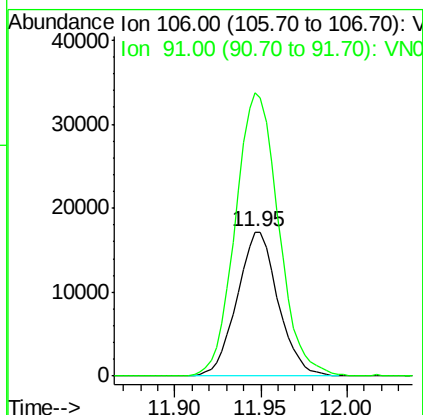
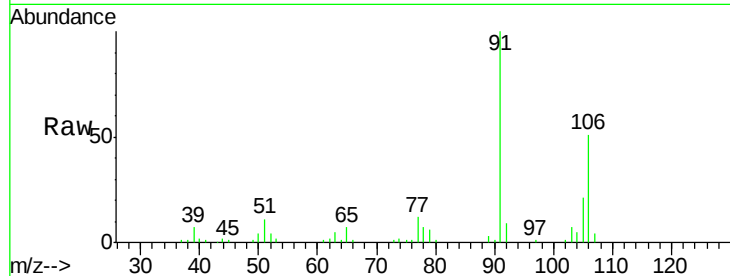




#69
o-Xylene
Concen: 2.034 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

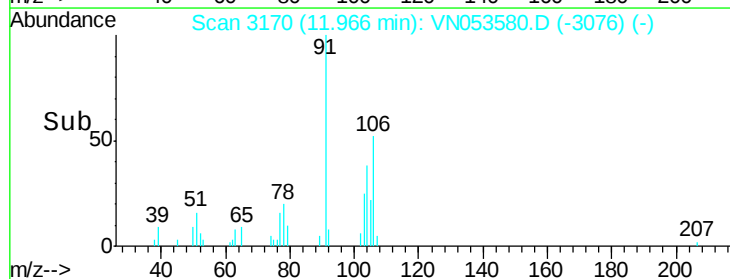
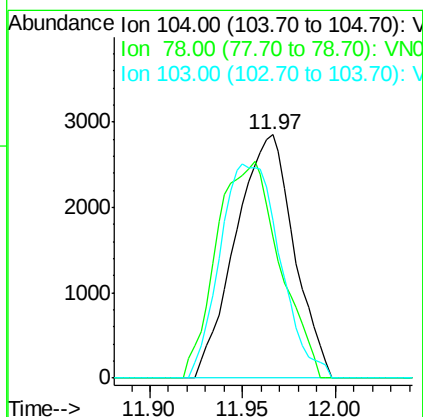
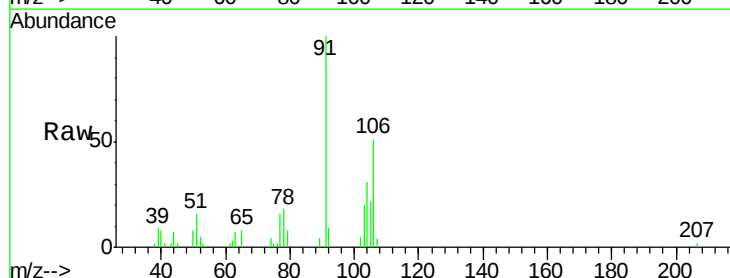
Instrument :
MSVOA_N
ClientSampled :
COMP-3

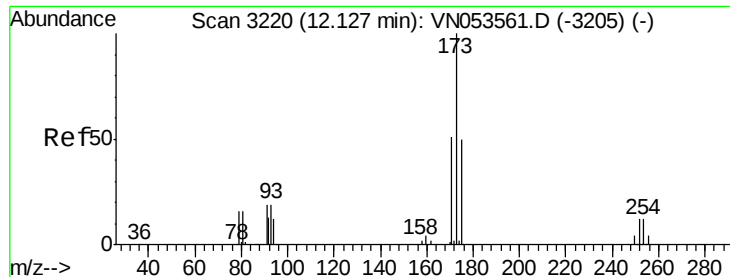
Tot Ion:106 Resp: 28491
Ion Ratio Lower Upper
106 100
91 206.1 106.9 320.8



#70
Styrene
Concen: 0.274 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

Tgt Ion:104 Resp: 6214
Ion Ratio Lower Upper
104 100
78 96.3 38.2 57.2#
103 91.0 44.4 66.6#

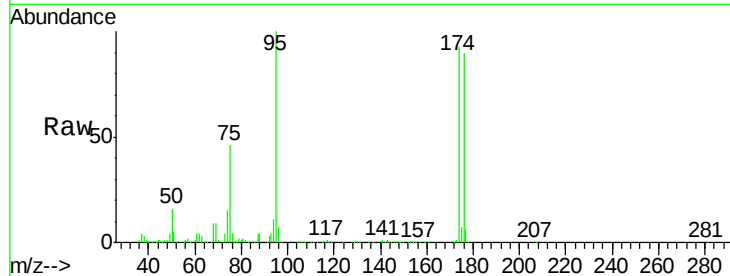




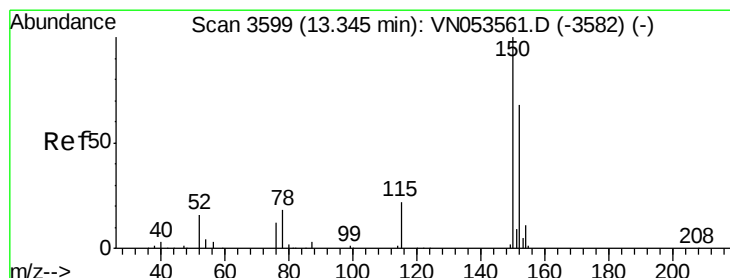
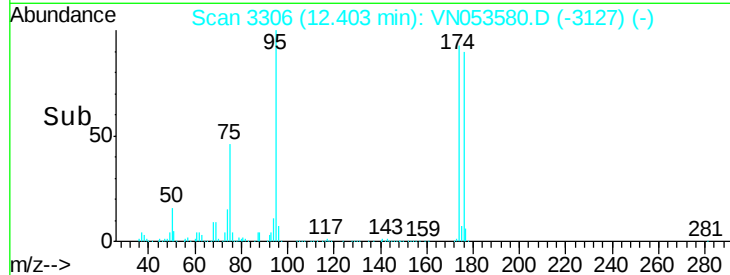
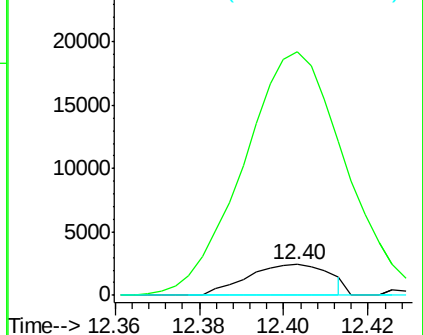
#71
Bromoform
Concen: 0.600 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

Instrument :
MSVOA_N
ClientSampled :
COMP-3

Tot Ion:173 Resp: 3319
Ion Ratio Lower Upper
173 100
175 827.5 24.6 74.0#
254 0.0 0.2 0.2#

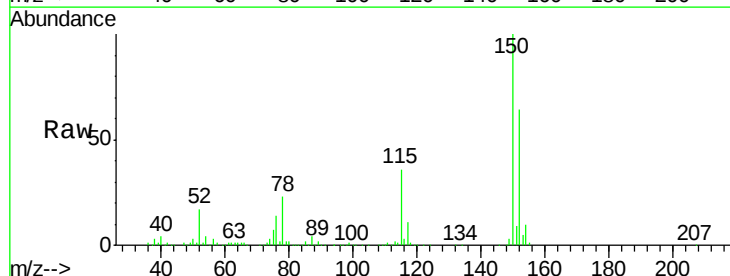


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

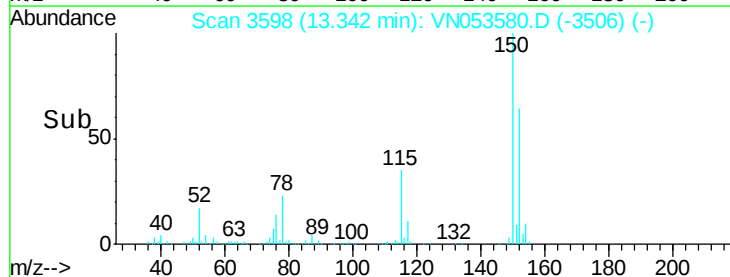
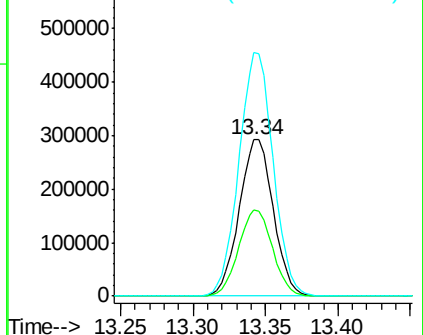


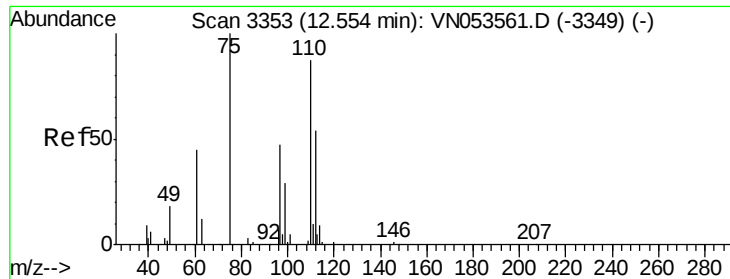
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

Tgt Ion:152 Resp: 477747
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 156.4 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





#76

1,2,3-Trichloropropane

Concen: 36.916 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

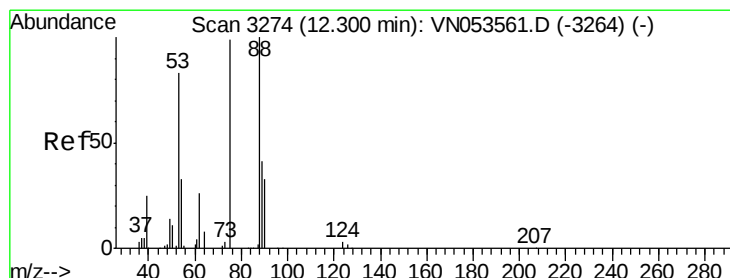
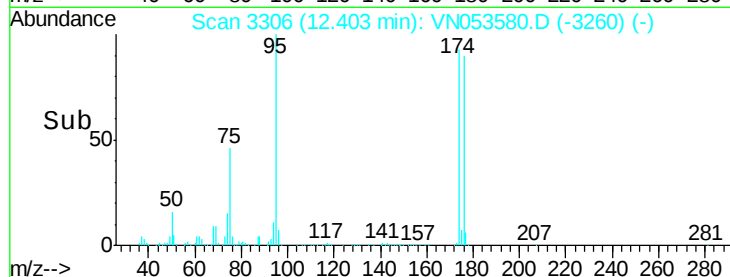
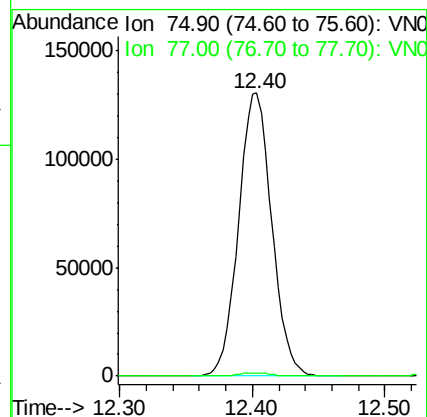
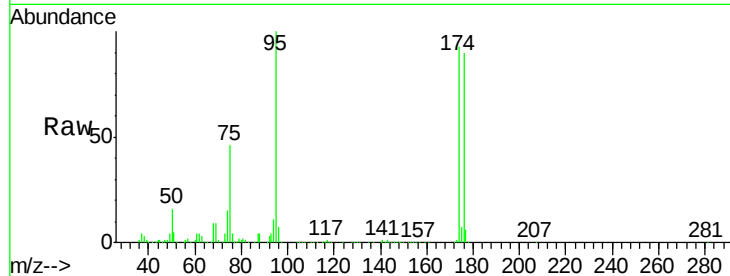
COMP-3

Tot Ion: 75 Resp: 226529

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.804 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

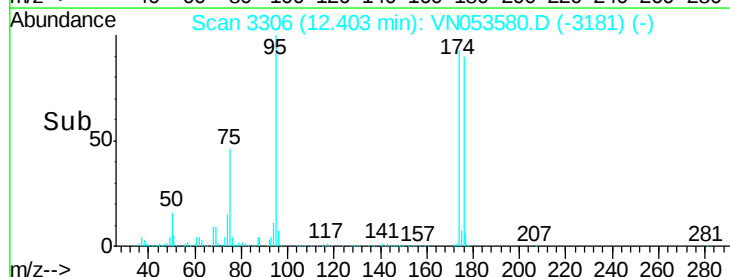
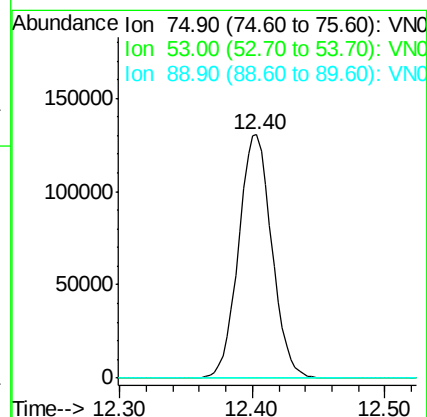
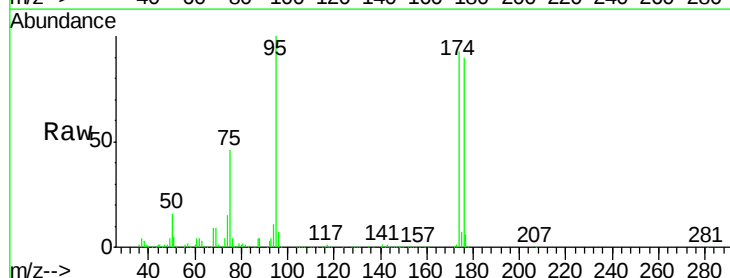
Tgt Ion: 75 Resp: 226529

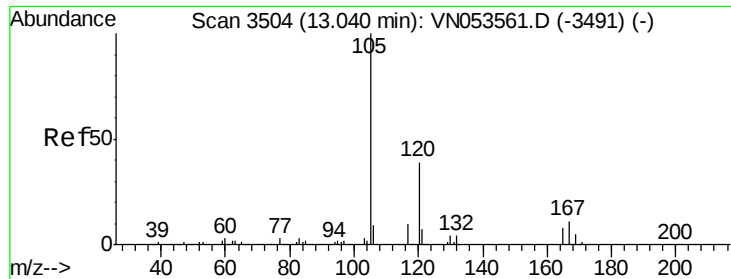
Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

89 0.0 35.6 53.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.532 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

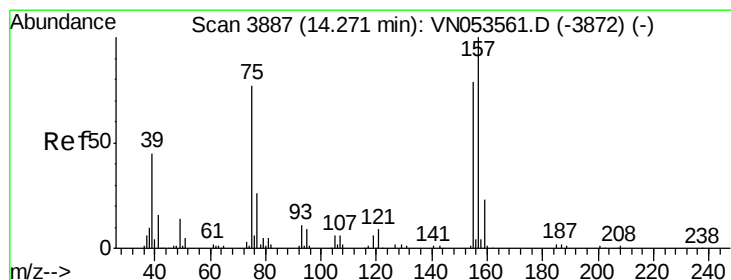
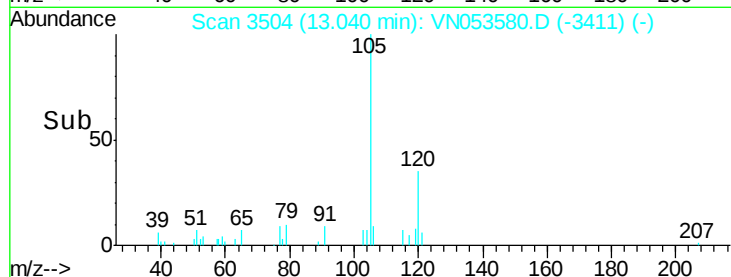
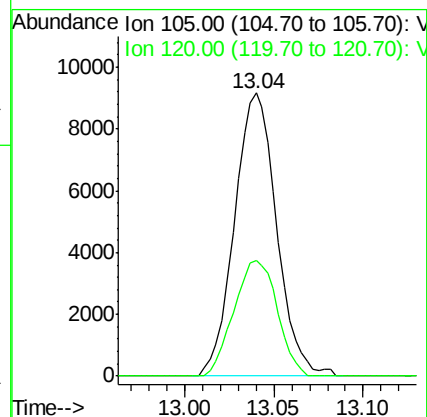
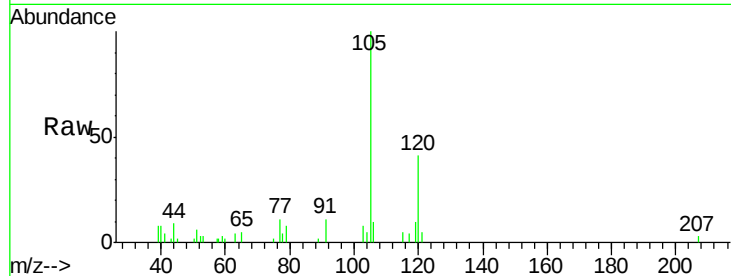
COMP-3

Tot Ion:105 Resp: 15082

Ion Ratio Lower Upper

105 100

120 42.0 23.0 69.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.694 ug/l

RT: 14.11 min Scan# 3836

Delta R.T. -0.16 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

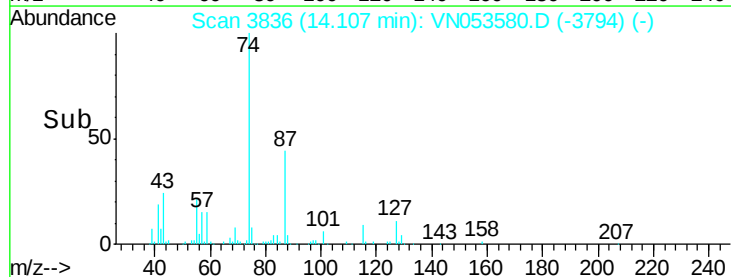
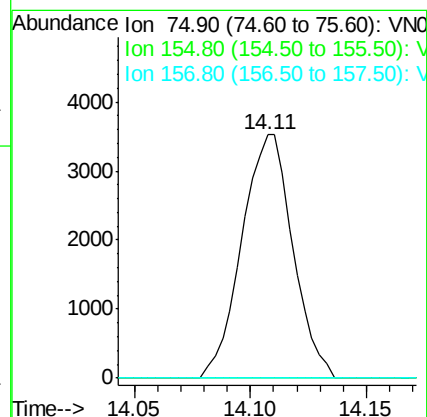
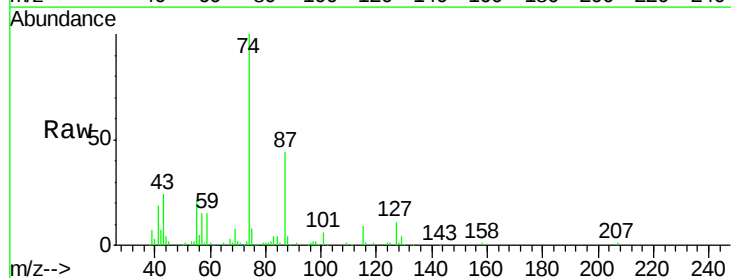
Tgt Ion: 75 Resp: 5377

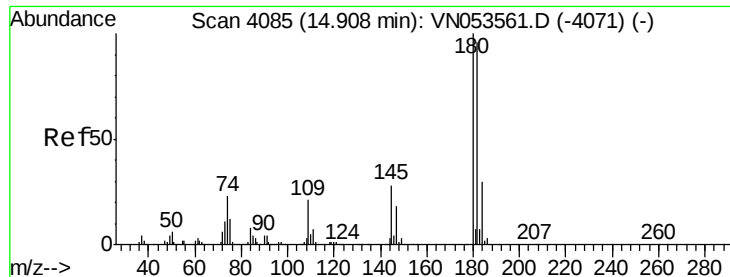
Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.7#

157 0.0 63.7 191.3#

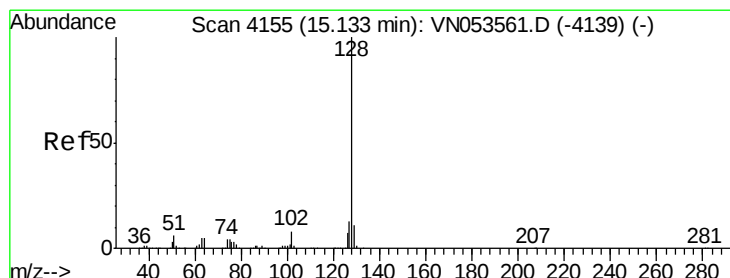
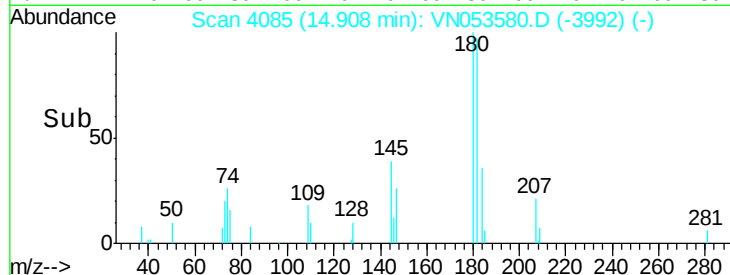
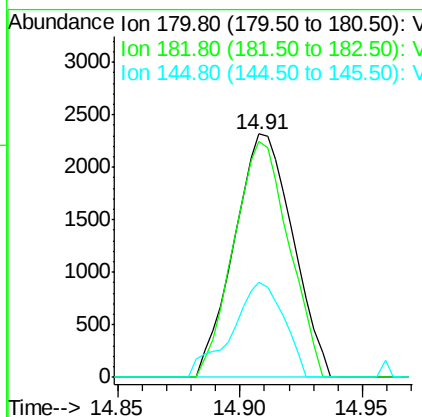
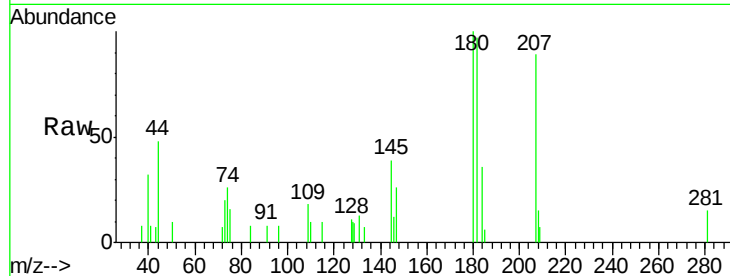




#93
 1,2,4-Trichlorobenzene
 Concen: 0.432 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

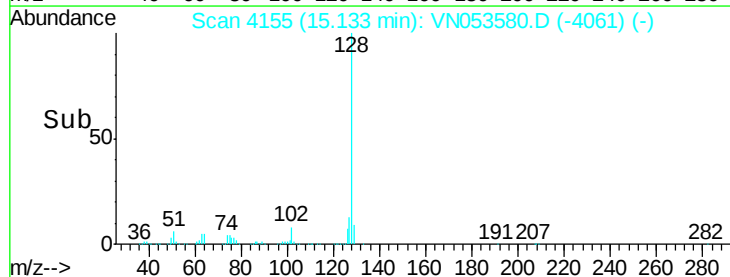
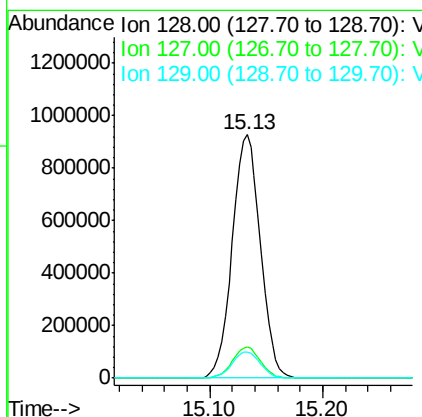
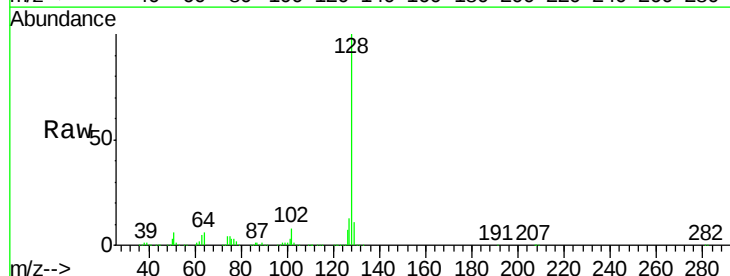
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-3

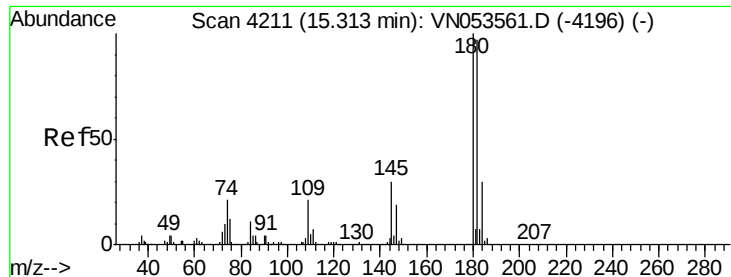
Tot Ion:180 Resp: 3861
 Ion Ratio Lower Upper
 180 100
 182 91.3 48.1 144.3
 145 34.6 13.9 41.6



#95
 Naphthalene
 Concen: 75.364 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

Tgt Ion:128 Resp: 1600794
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.590 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Tot Ion	Ratio	Lower	Upper
180	100		
182	78.3	47.9	143.8
145	35.7	14.7	44.1

