

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053806.D
 Acq On : 15 Feb 2019 17:59
 Operator : JC/SP
 Sample : K1346-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 23:26:51 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	677430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1140439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1136946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	422327	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	366524	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
35) Dibromofluoromethane	7.59	113	360168	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	1416774	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.40	95	479083	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	

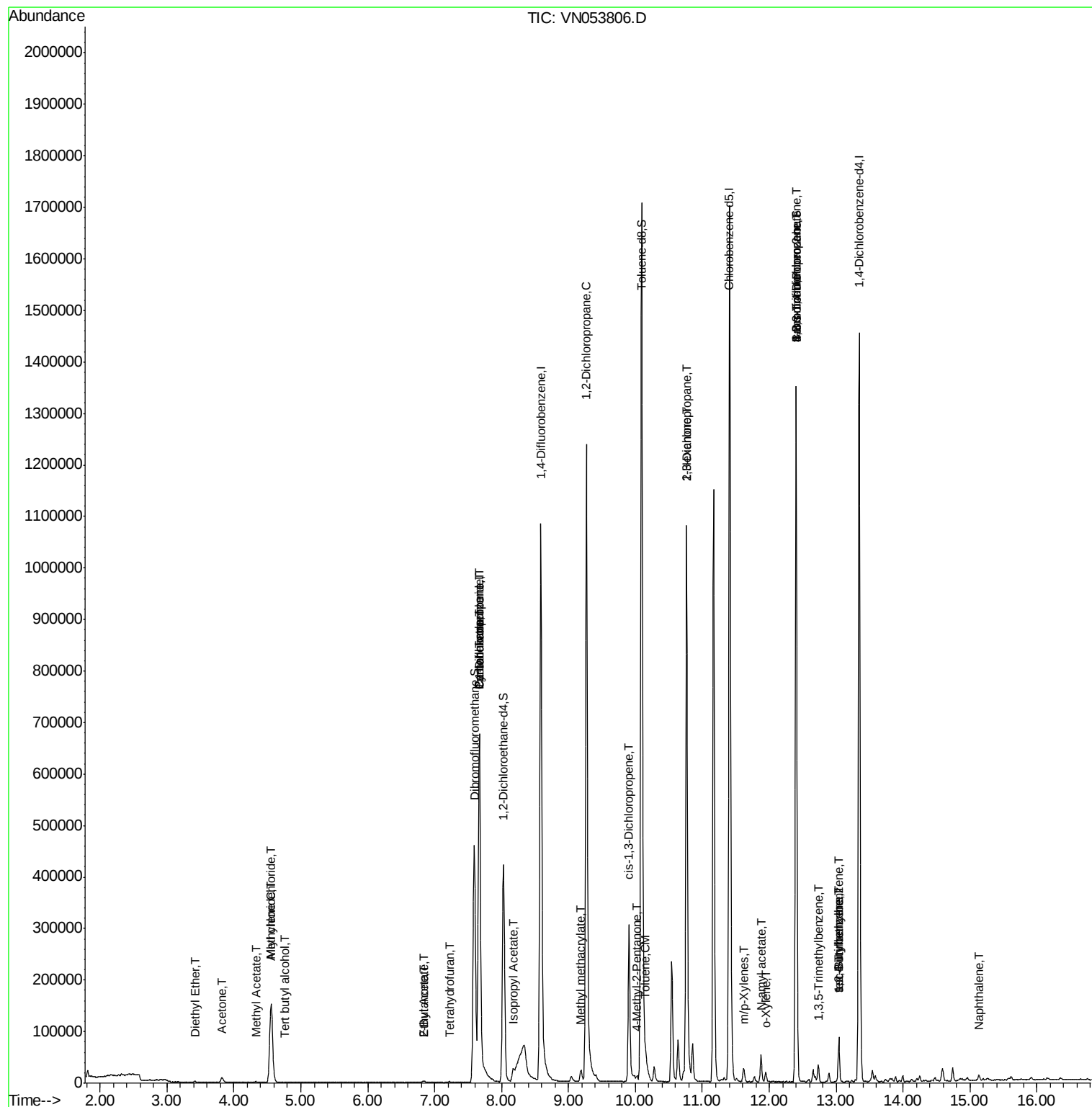
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	809	0.209	ug/l	70
11) Tert butyl alcohol	4.77	59	91	0.226	ug/l #	72
14) Allyl chloride	4.54	41	2064	0.207	ug/l #	27
16) Acetone	3.82	43	16869	9.677	ug/l	100
18) Methyl Acetate	4.33	43	3134	0.607	ug/l #	69
20) Methylene Chloride	4.56	84	123016	16.821	ug/l	98
25) 2-Butanone	6.85	43	3691	1.485	ug/l #	86
29) Tetrahydrofuran	7.22	42	1485	0.930	ug/l #	72
31) Cyclohexane	7.66	56	9787	0.684	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	40628	3.952	ug/l #	48
37) Ethyl Acetate	6.85	43	3691	0.643	ug/l #	67
38) Carbon Tetrachloride	7.67	117	54352	5.248	ug/l #	17
43) Isopropyl Acetate	8.17	43	28583	2.578	ug/l #	83
45) 1,2-Dichloropropane	9.27	63	1627	0.201	ug/l #	43
48) Methyl methacrylate	9.18	41	9165	1.732	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	8049	1.477	ug/l #	34
52) Toluene	10.16	92	5494	0.292	ug/l	88
54) cis-1,3-Dichloropropene	9.90	75	66013	5.474	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	12759	1.101	ug/l #	43
59) 2-Hexanone	10.77	43	161247	43.592	ug/l #	51
68) m/p-Xylenes	11.62	106	8761	0.579	ug/l	96
69) o-Xylene	11.95	106	4863	0.332	ug/l	86
71) Bromoform	12.40	173	3539	0.612	ug/l #	1
74) N-amyl acetate	11.88	43	16227	2.273	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	220299	40.612	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	18023	0.732	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	220299	114.197	ug/l #	15
83) tert-Butylbenzene	13.04	119	6604	0.304	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	51013	2.034	ug/l	100
85) sec-Butylbenzene	13.04	105	51013	1.723	ug/l #	56
95) Naphthalene	15.13	128	9899	2.251	ug/l	97

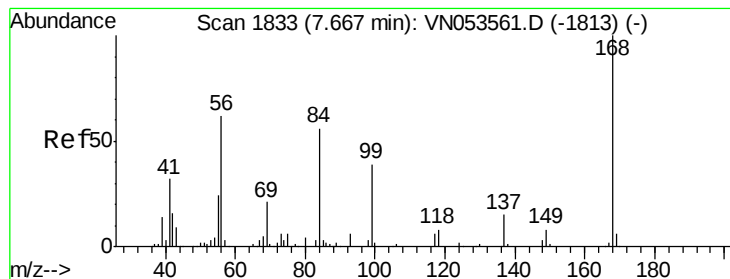
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053806.D

Acq: 15 Feb 2019 17:59

Instrument :

MSVOA_N

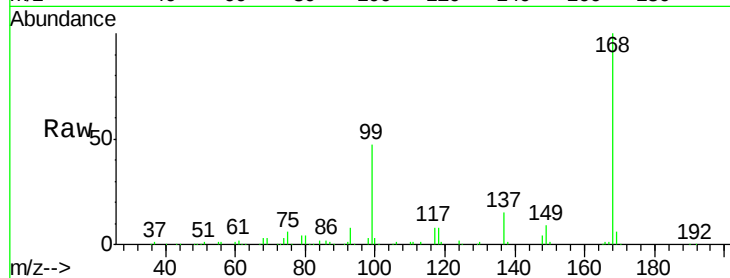
ClientSampled :

Tot Ion:168 Resp: 677430

Ion Ratio Lower Upper

168 100

99 47.2 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

250000

200000

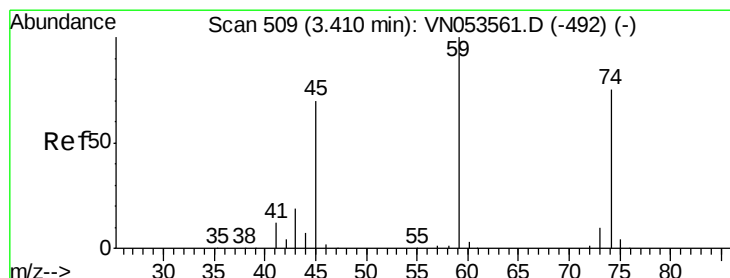
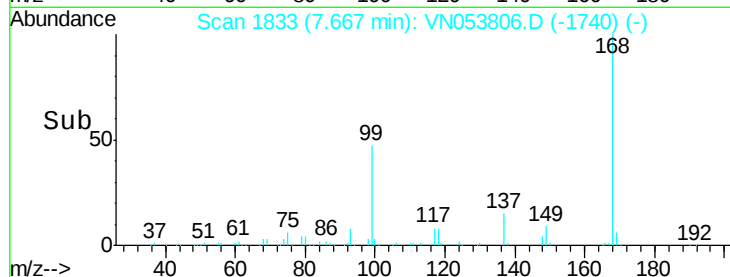
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#8

Diethyl Ether

Concen: 0.209 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053806.D

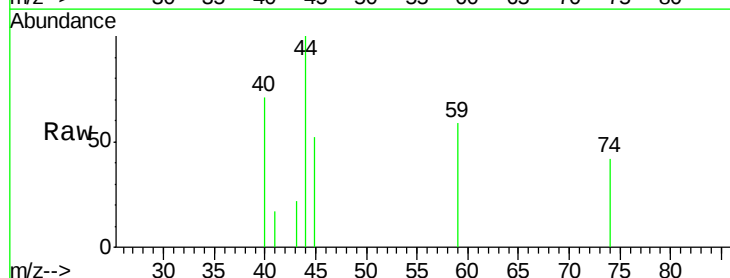
Acq: 15 Feb 2019 17:59

Tgt Ion: 74 Resp: 809

Ion Ratio Lower Upper

74 100

45 66.4 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

600

500

400

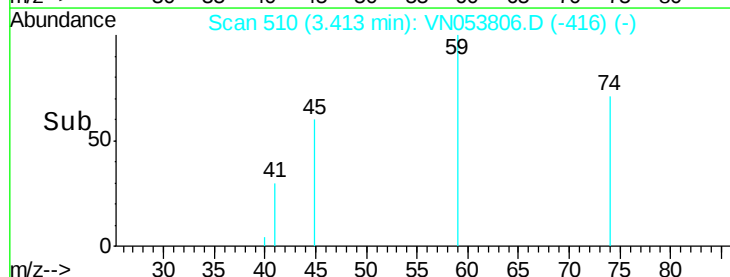
300

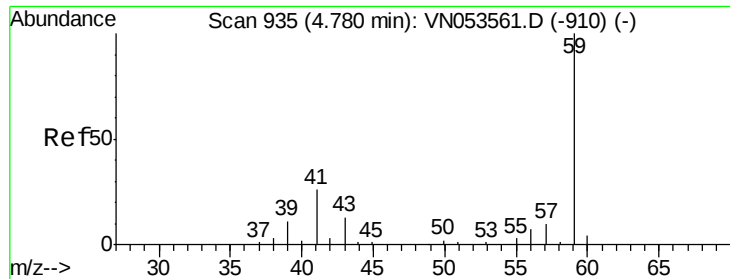
200

100

0

Time--> 3.38 3.40 3.42 3.44 3.46

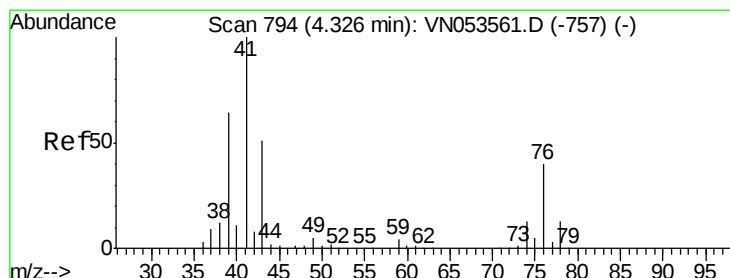
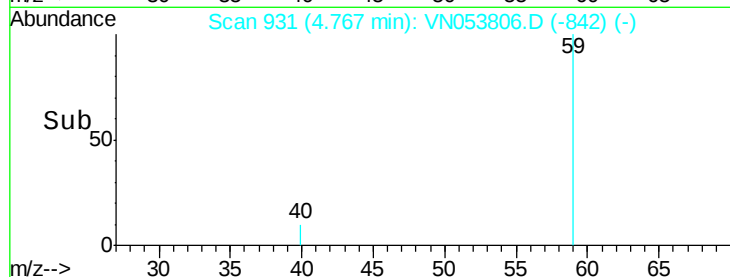
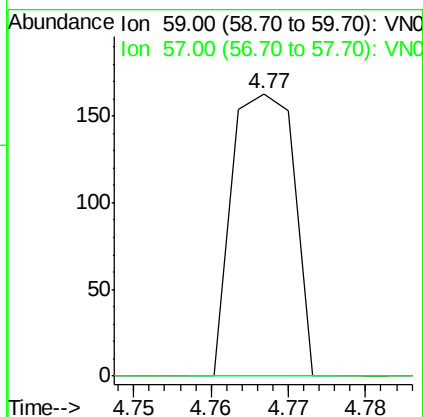
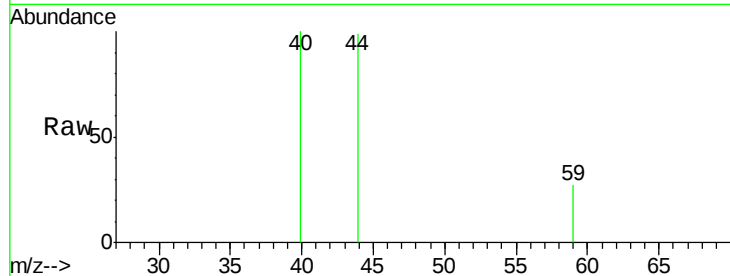




#11
Tert butyl alcohol
Concen: 0.226 ug/l
RT: 4.77 min Scan# 931
Delta R.T. -0.01 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

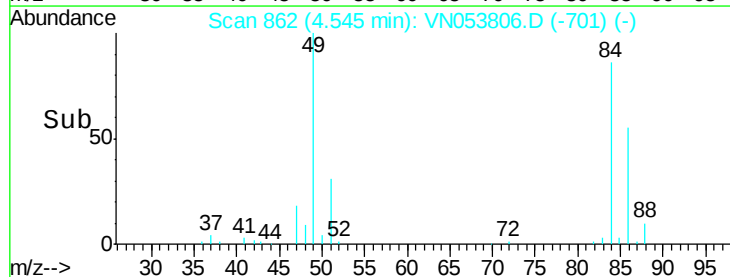
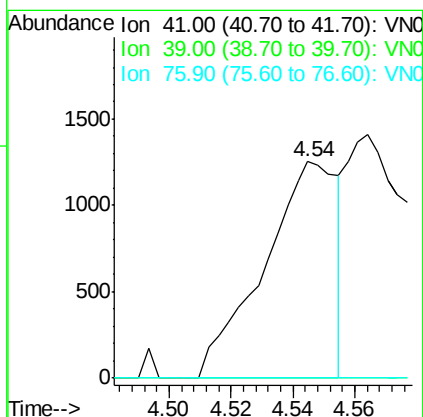
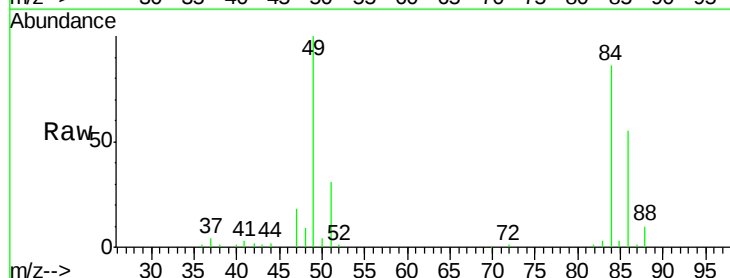
Instrument :
MSVOA_N
ClientSampleId :

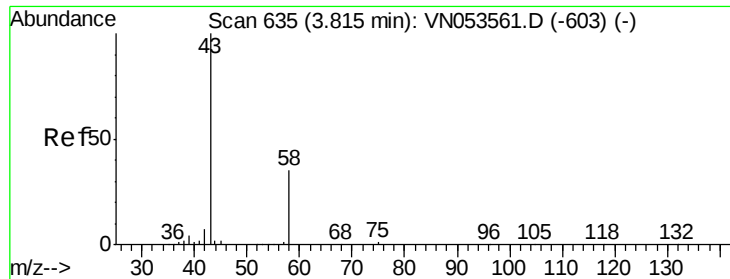
Tot Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#14
Allyl chloride
Concen: 0.207 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.22 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Tgt Ion: 41 Resp: 2064
Ion Ratio Lower Upper
41 100
39 0.0 48.9 73.3#
76 0.0 29.4 44.2#





#16

Acetone

Concen: 9.677 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053806.D

Acq: 15 Feb 2019 17:59

Instrument :

MSVOA_N

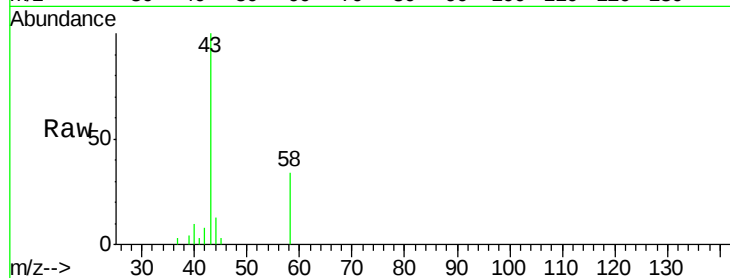
ClientSampled :

Tot Ion: 43 Resp: 16869

Ion Ratio Lower Upper

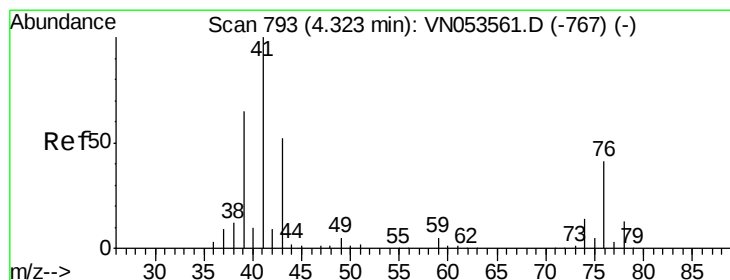
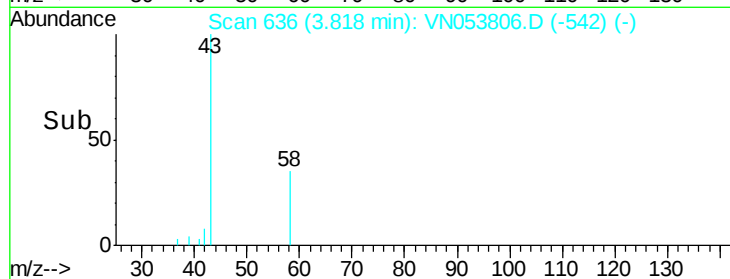
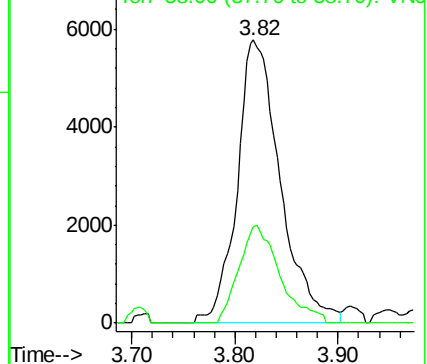
43 100

58 33.9 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: 0.607 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053806.D

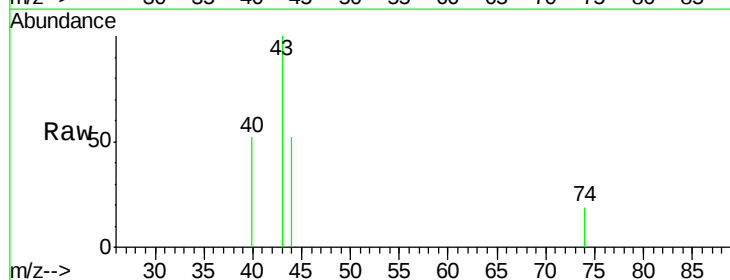
Acq: 15 Feb 2019 17:59

Tgt Ion: 43 Resp: 3134

Ion Ratio Lower Upper

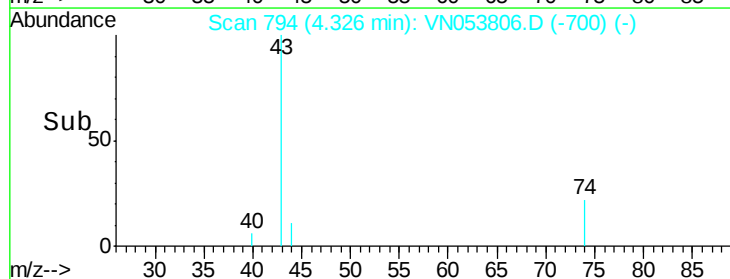
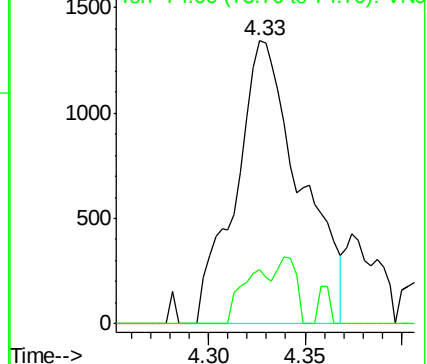
43 100

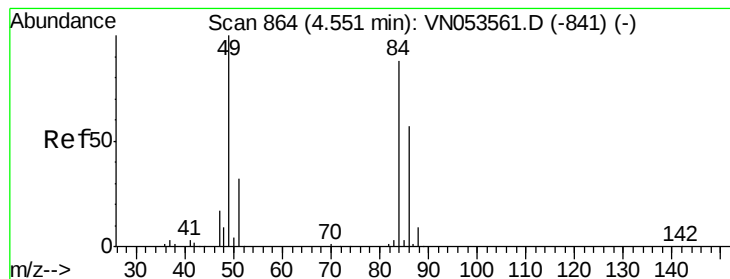
74 8.9 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 16.821 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053806.D

Acq: 15 Feb 2019 17:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 123016

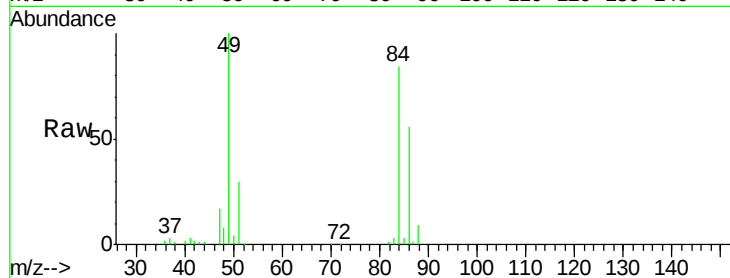
Ion Ratio Lower Upper

84 100

49 118.7 94.3 141.5

51 35.9 29.4 44.2

86 66.8 51.4 77.0

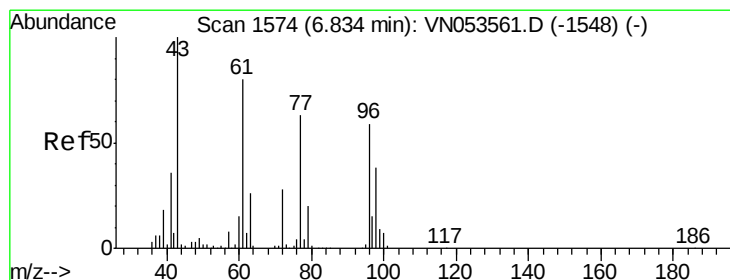
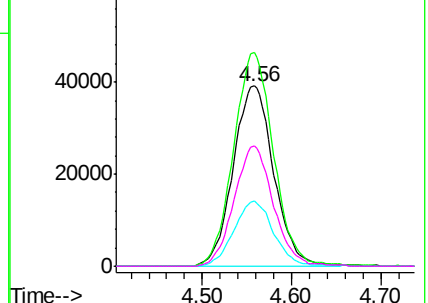
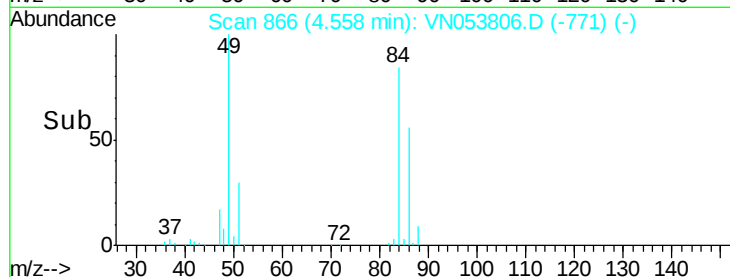


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.485 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN053806.D

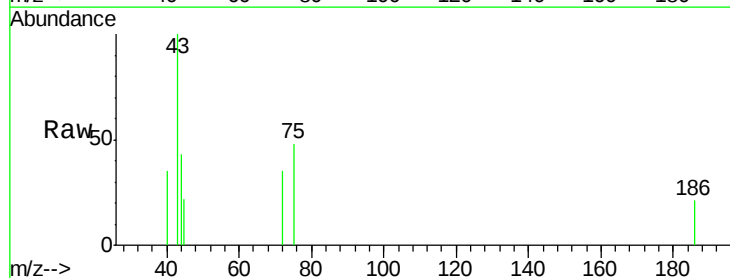
Acq: 15 Feb 2019 17:59

Tgt Ion: 43 Resp: 3691

Ion Ratio Lower Upper

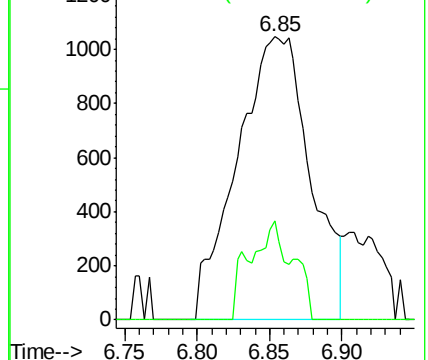
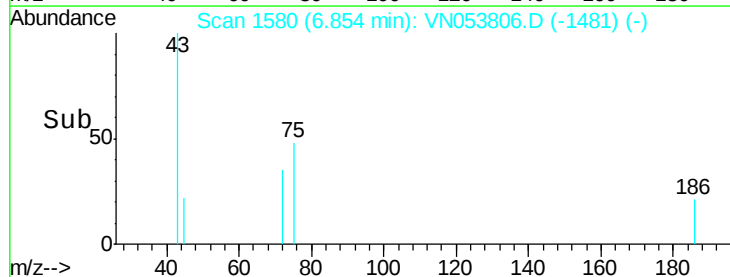
43 100

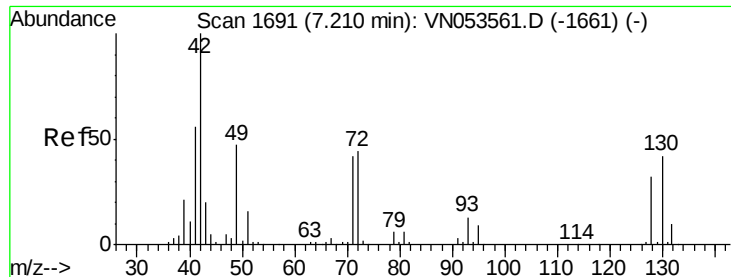
72 35.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

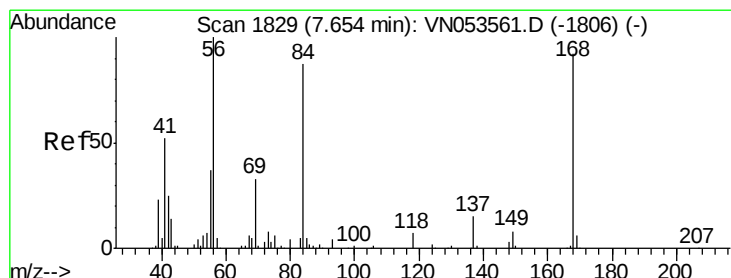
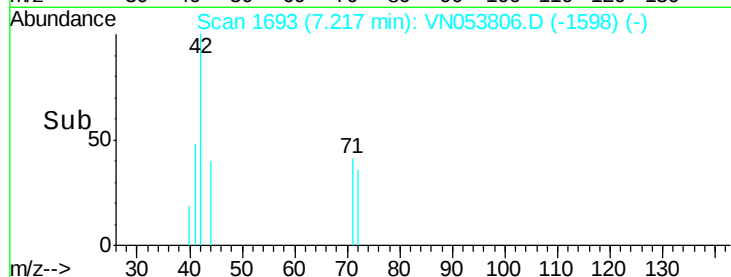
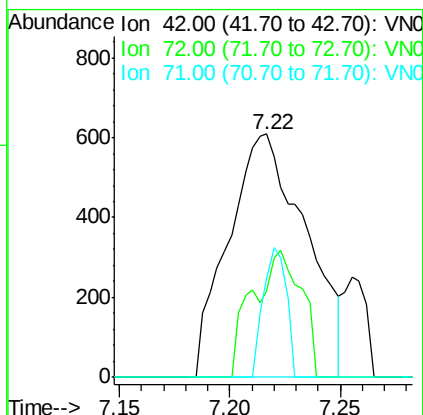
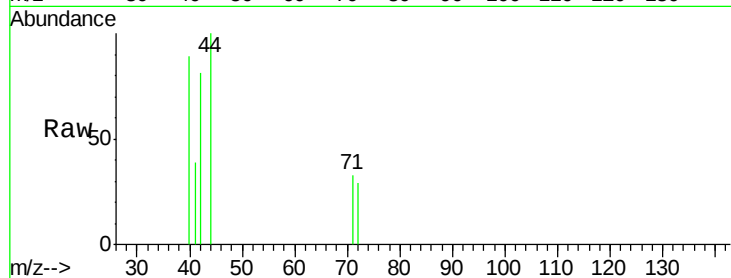




#29
Tetrahydrofuran
Concen: 0.930 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

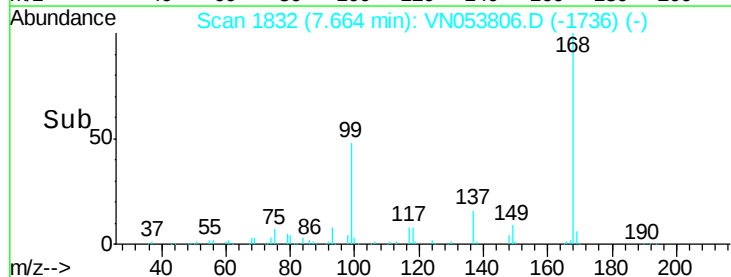
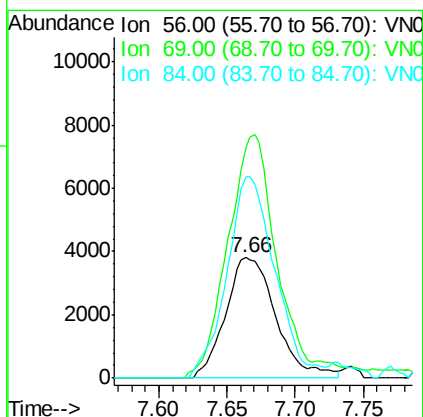
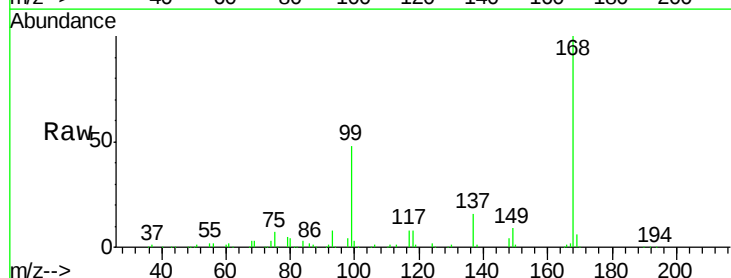
Instrument :
MSVOA_N
ClientSampleId :

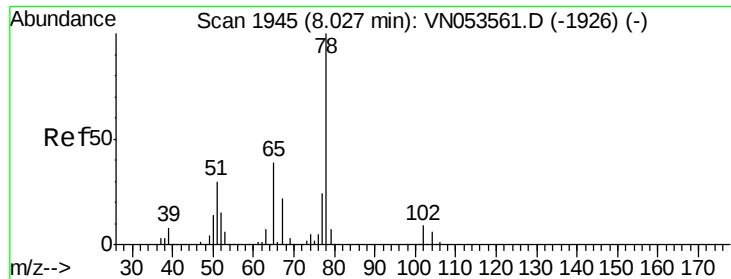
Tot Ion: 42 Resp: 1485
Ion Ratio Lower Upper
42 100
72 32.7 35.2 52.8#
71 16.0 33.0 49.4#



#31
Cyclohexane
Concen: 0.684 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Tgt Ion: 56 Resp: 9787
Ion Ratio Lower Upper
56 100
69 186.9 26.4 39.6#
84 167.5 67.9 101.9#

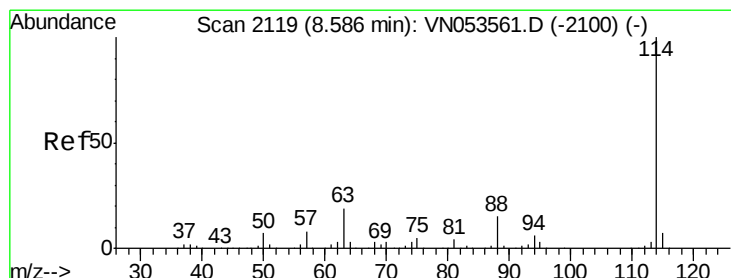
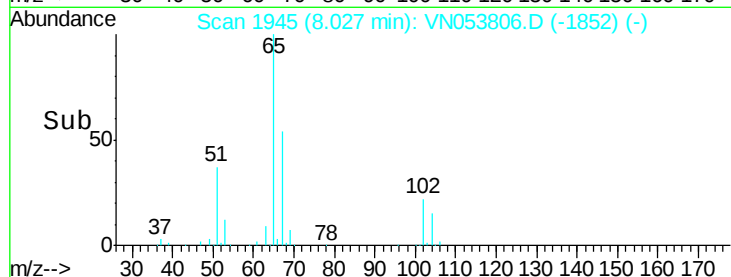
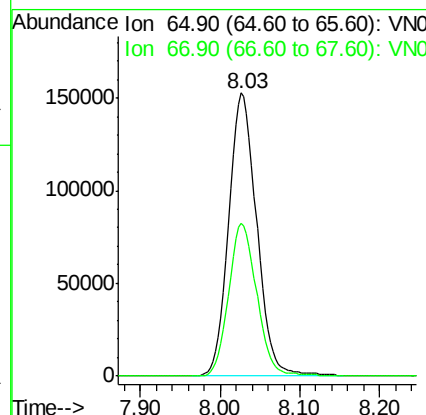
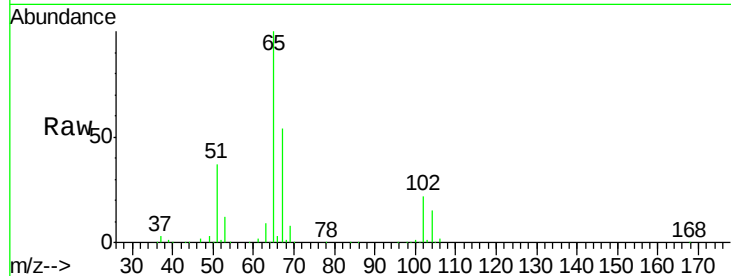




#33
 1,2-Dichloroethane-d4
 Concen: 53.933 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053806.D
 Acq: 15 Feb 2019 17:59

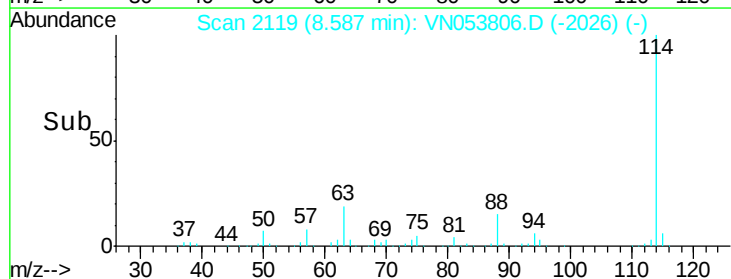
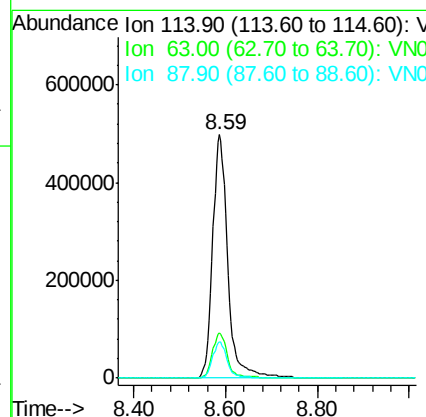
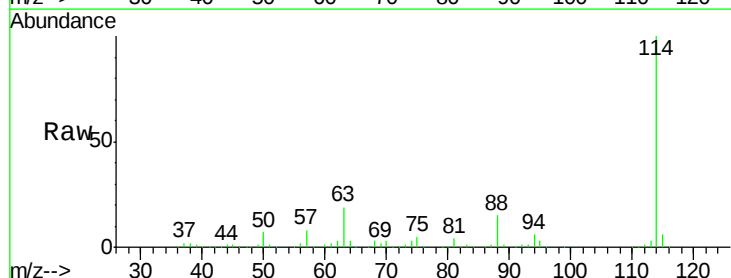
Instrument :
 MSVOA_N
 ClientSampleId :

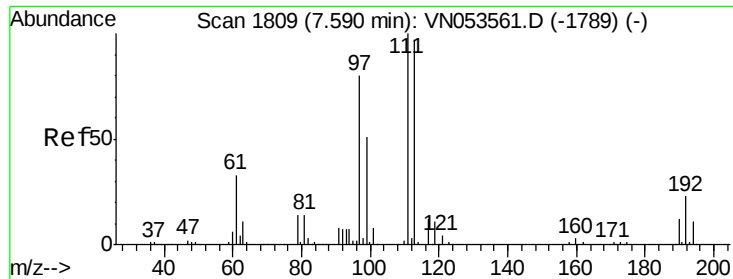
Tot Ion: 65 Resp: 366524
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053806.D
 Acq: 15 Feb 2019 17:59

Tgt Ion: 114 Resp: 1140439
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 15.1 0.0 30.4

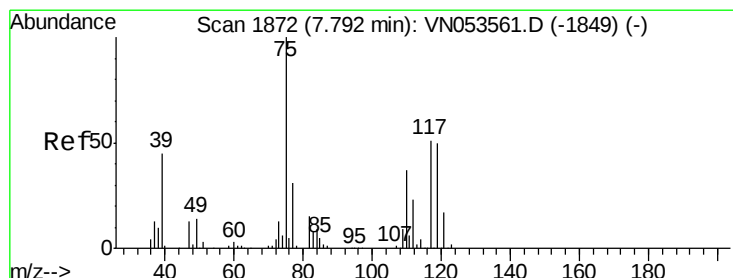
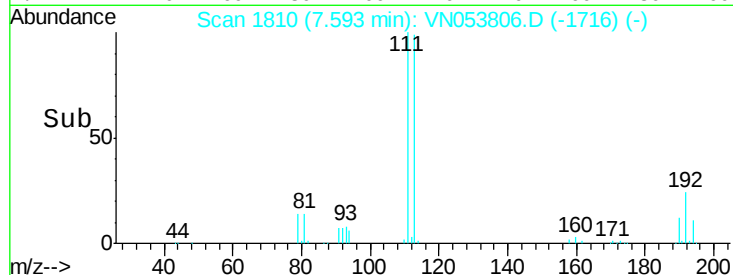
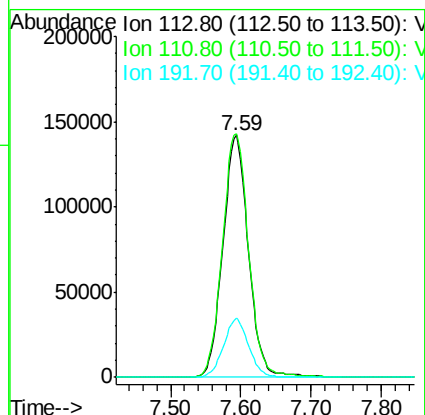
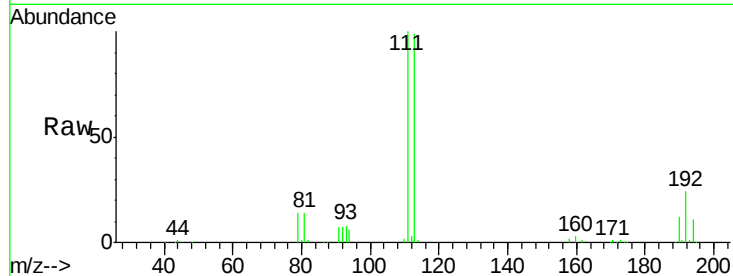




#35
 Dibromofluoromethane
 Concen: 49.981 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053806.D
 Acq: 15 Feb 2019 17:59

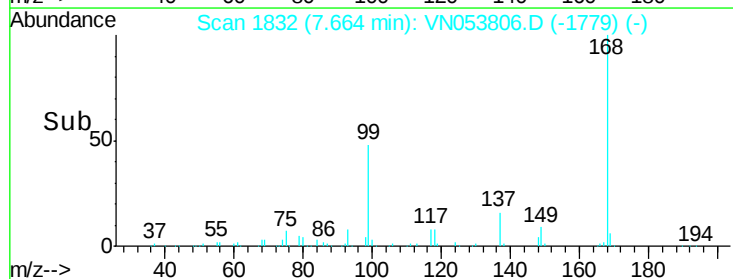
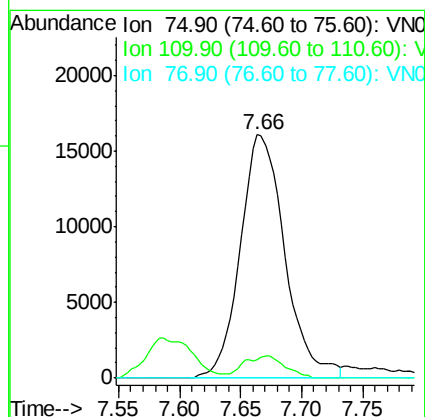
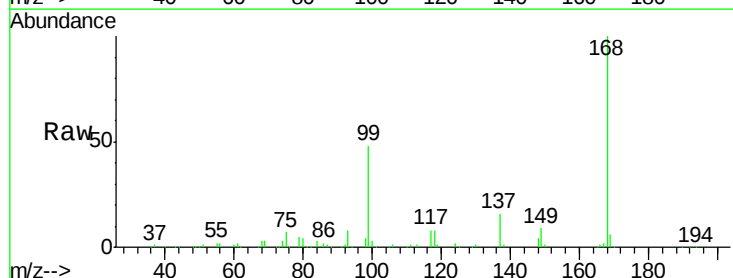
Instrument :
 MSVOA_N
 ClientSampleId :

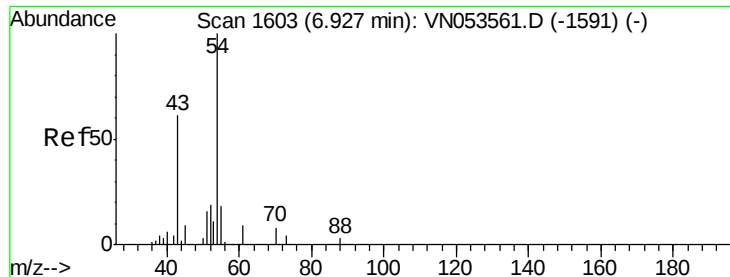
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	23.8	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 3.952 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053806.D
 Acq: 15 Feb 2019 17:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.3#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 0.643 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. -0.07 min

Lab File: VN053806.D

Acq: 15 Feb 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

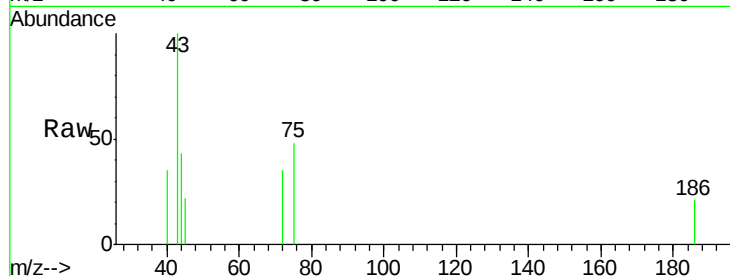
Tot Ion: 43 Resp: 3691

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

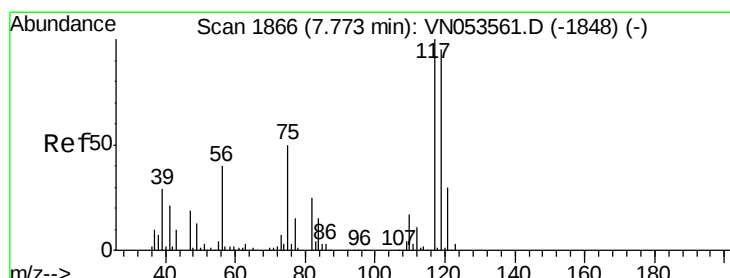
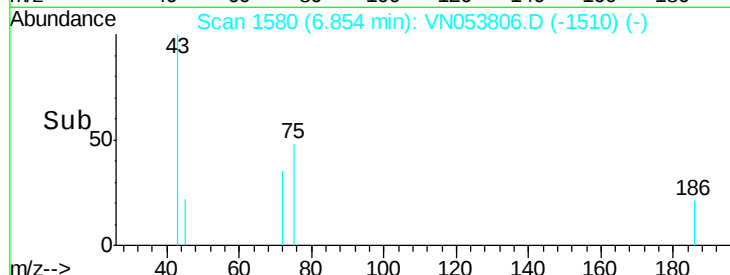
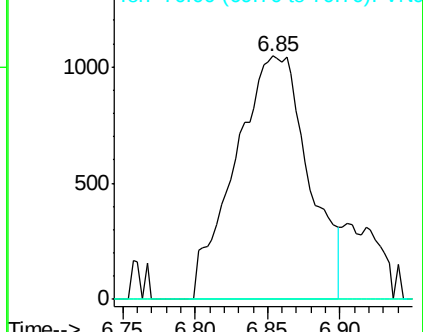
70 0.0 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN053806.D (-1510) (-)

Ion 60.90 (60.60 to 61.60): VN053806.D (-1510) (-)

Ion 70.00 (69.70 to 70.70): VN053806.D (-1510) (-)



#38

Carbon Tetrachloride

Concen: 5.248 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053806.D

Acq: 15 Feb 2019 17:59

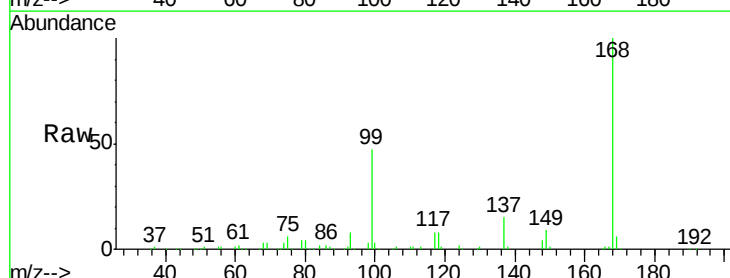
Tgt Ion: 117 Resp: 54352

Ion Ratio Lower Upper

117 100

119 6.7 77.2 115.8#

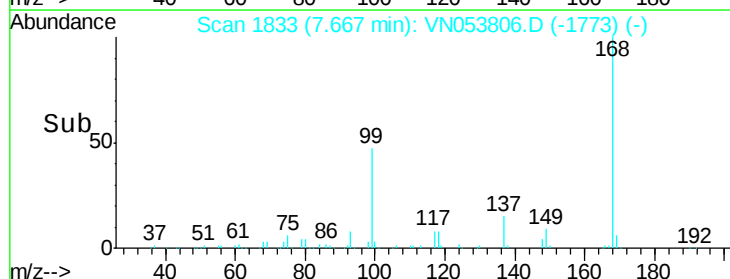
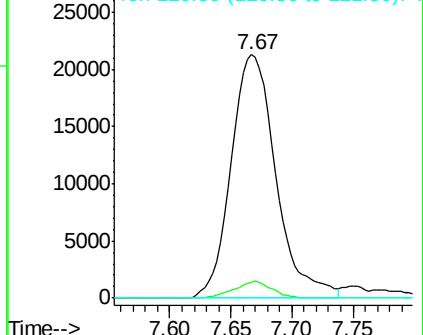
121 0.0 24.6 37.0#

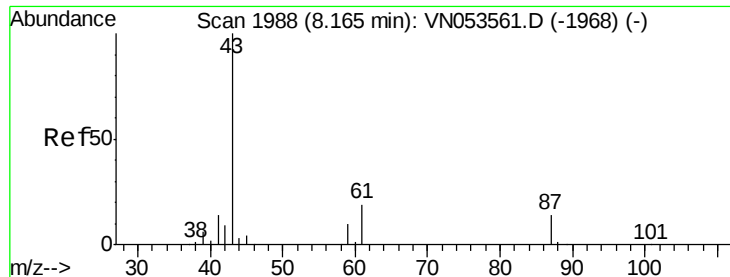


Abundance Ion 116.80 (116.50 to 117.50): VN053806.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053806.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053806.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 2.578 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053806.D

Acq: 15 Feb 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

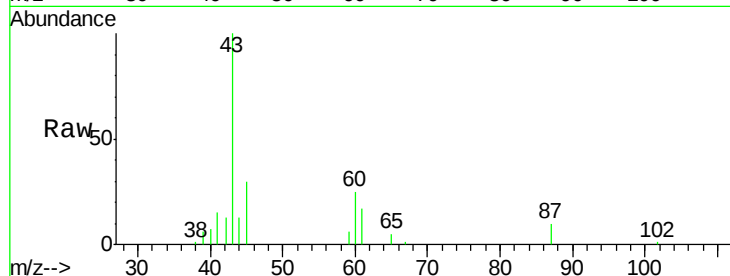
Tot Ion: 43 Resp: 28583

Ion Ratio Lower Upper

43 100

61 18.0 23.9 35.9#

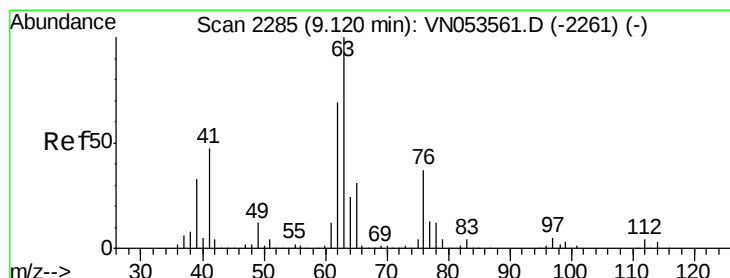
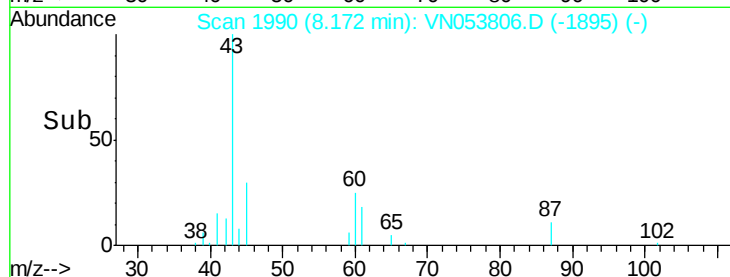
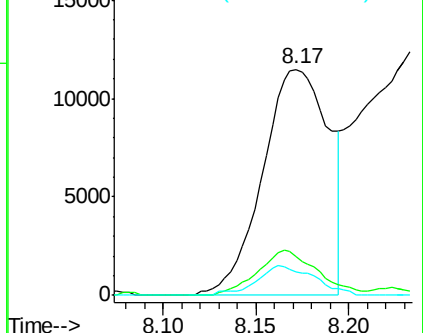
87 11.5 11.0 16.6



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



#45

1,2-Dichloropropane

Concen: 0.201 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053806.D

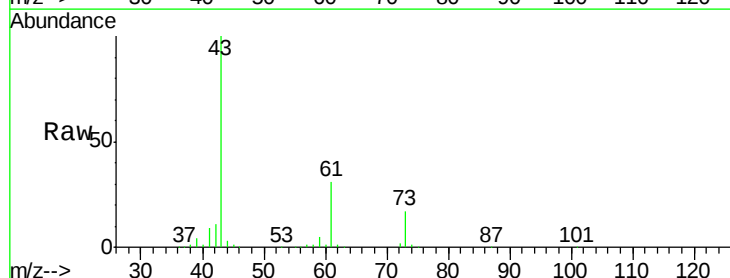
Acq: 15 Feb 2019 17:59

Tgt Ion: 63 Resp: 1627

Ion Ratio Lower Upper

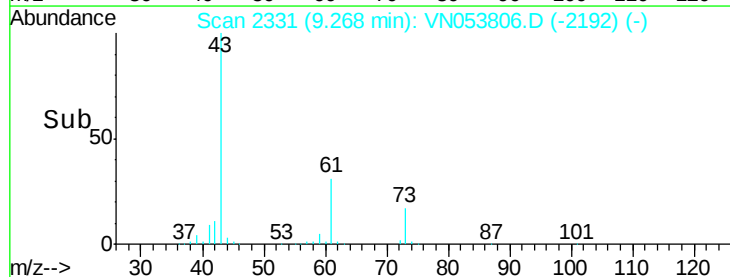
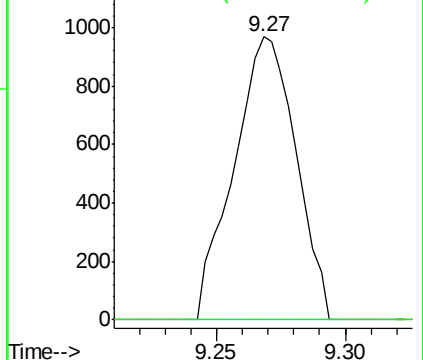
63 100

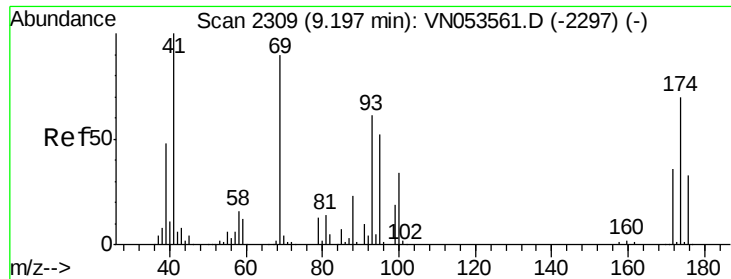
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

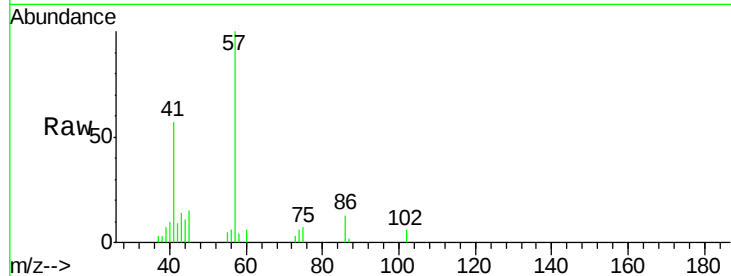




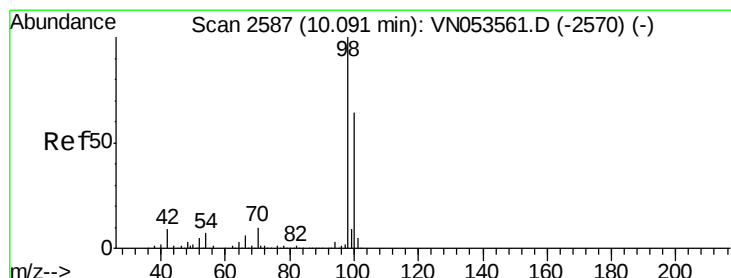
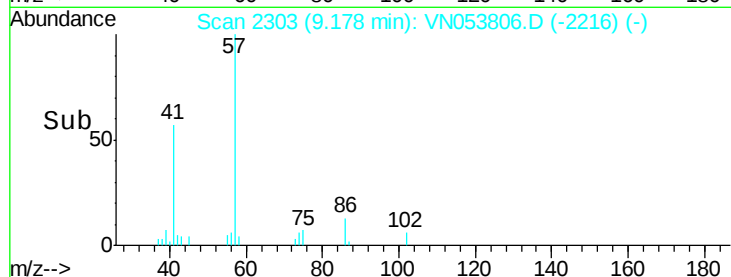
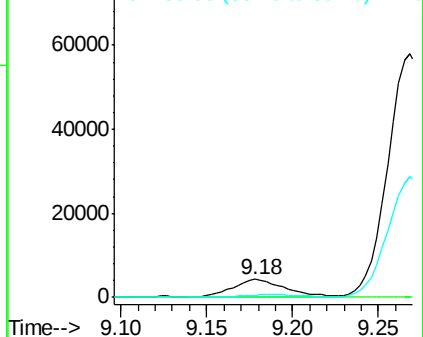
#48
Methyl methacrylate
Concen: 1.732 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 9165
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#

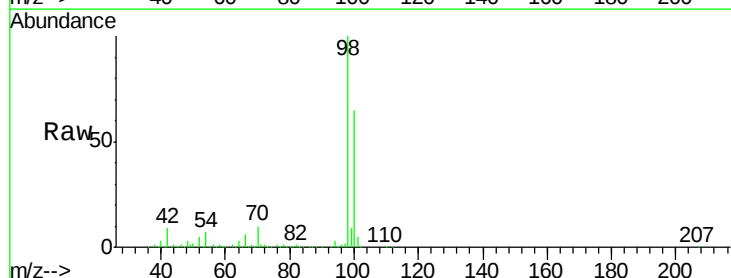


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

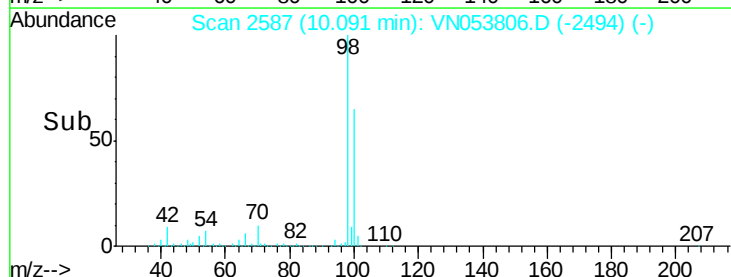
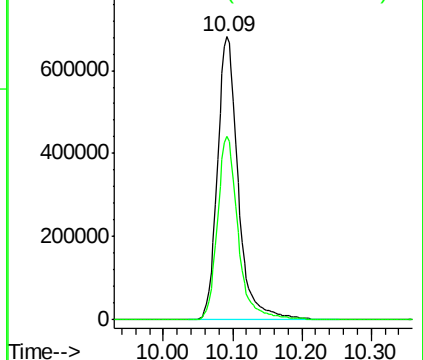


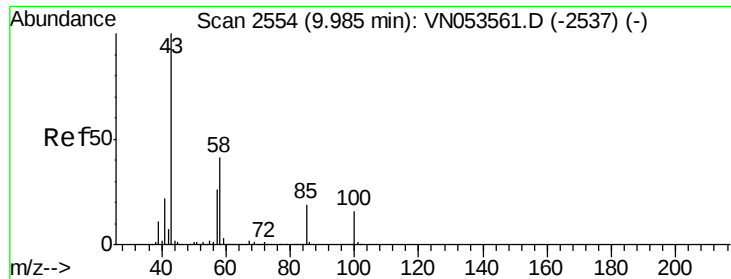
#50
Toluene-d8
Concen: 52.362 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Tgt Ion: 98 Resp: 1416774
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



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: 1.477 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053806.D

Acq: 15 Feb 2019 17:59

Instrument :

MSVOA_N

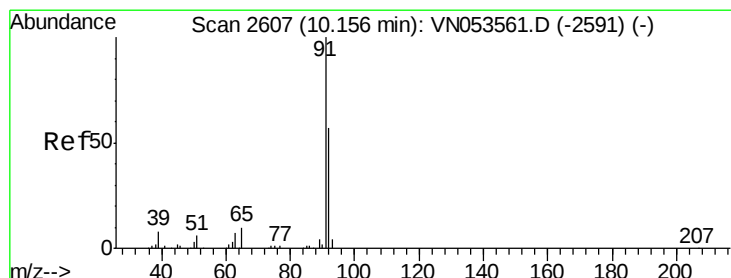
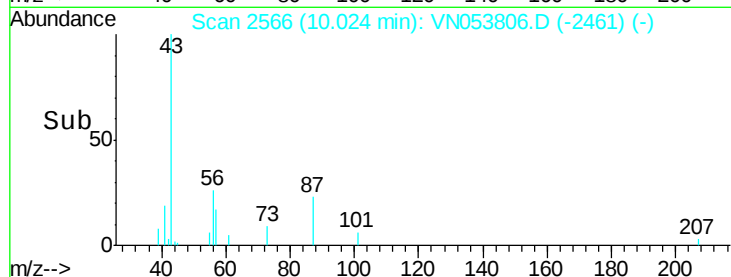
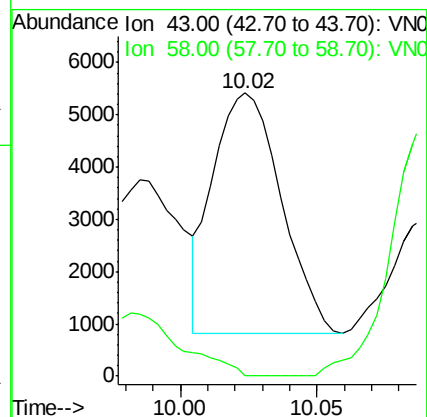
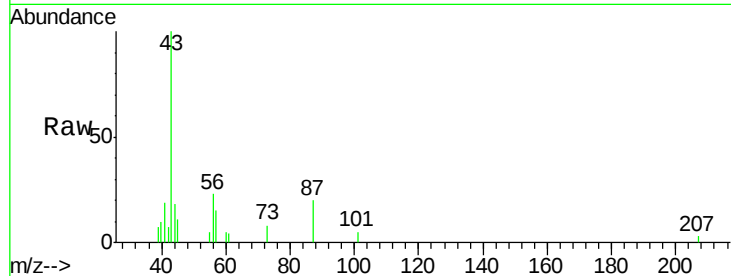
ClientSampled :

Tot Ion: 43 Resp: 8049

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#



#52

Toluene

Concen: 0.292 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053806.D

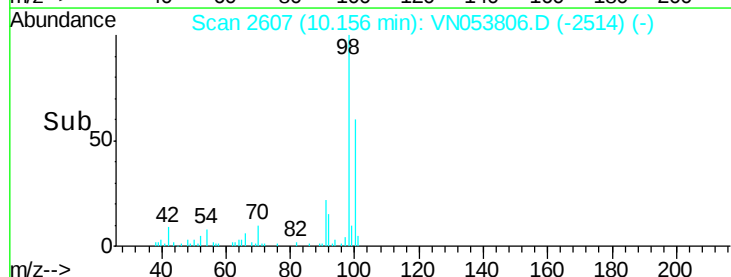
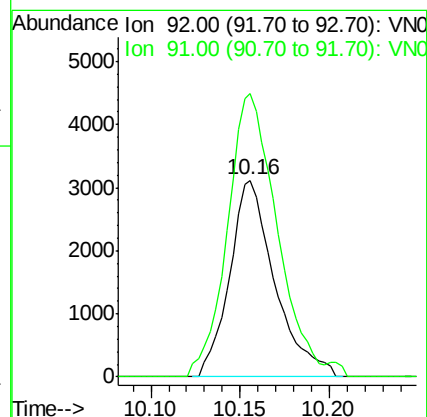
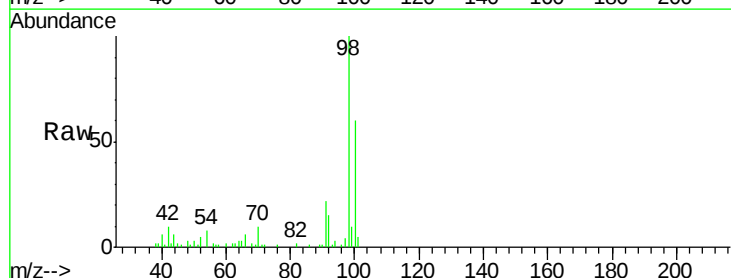
Acq: 15 Feb 2019 17:59

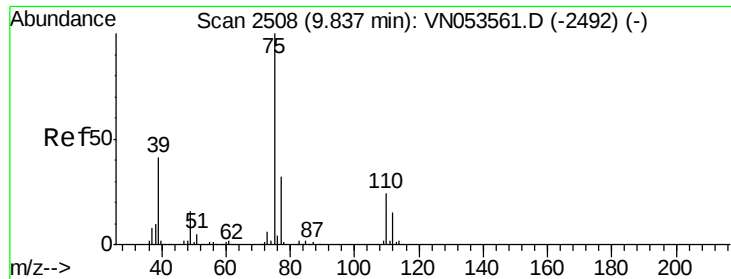
Tgt Ion: 92 Resp: 5494

Ion Ratio Lower Upper

92 100

91 157.7 139.9 209.9



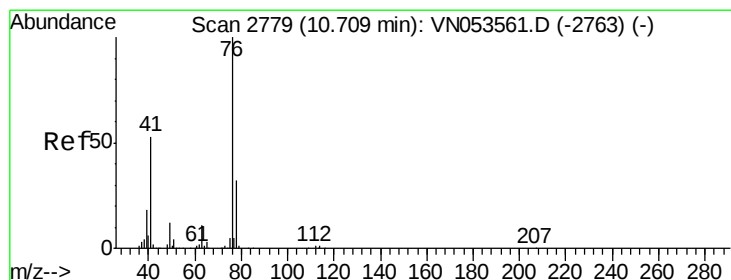
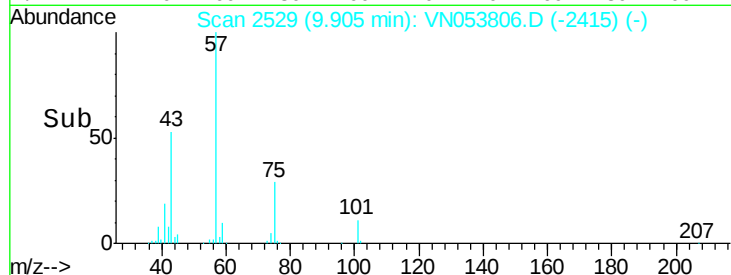
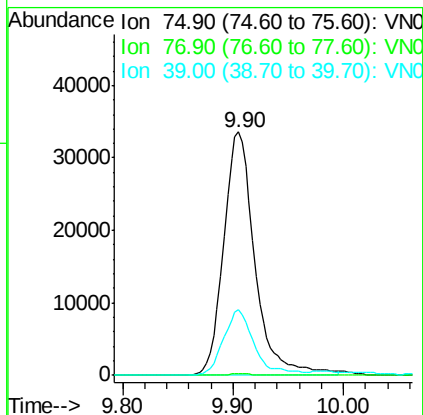
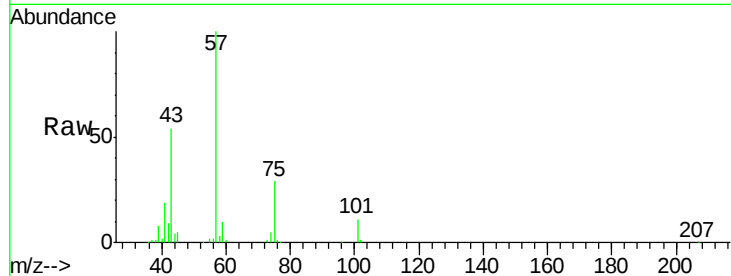


#54

cis-1,3-Dichloropropene
 Concen: 5.474 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN053806.D
 Acq: 15 Feb 2019 17:59

Instrument :
 MSVOA_N
 ClientSampled :

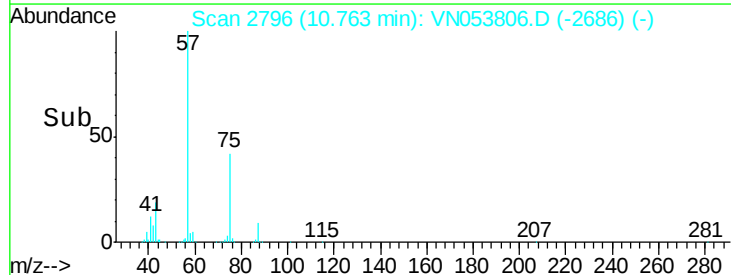
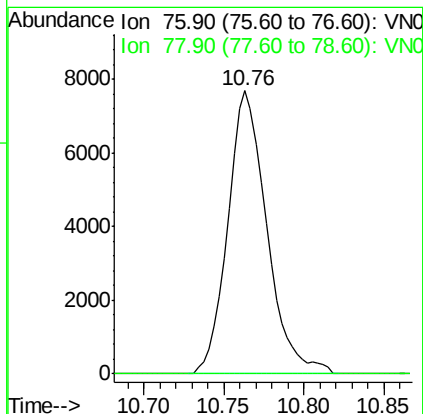
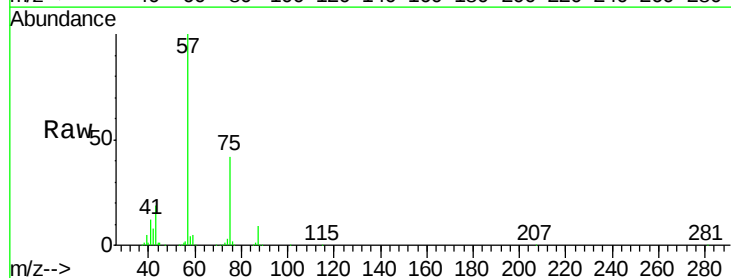
Tot Ion: 75 Resp: 66013
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.8 38.6#
 39 26.8 33.4 50.0#

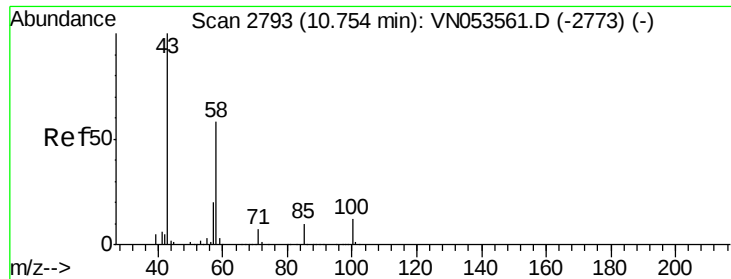


#57

1,3-Dichloropropane
 Concen: 1.101 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053806.D
 Acq: 15 Feb 2019 17:59

Tgt Ion: 76 Resp: 12759
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#

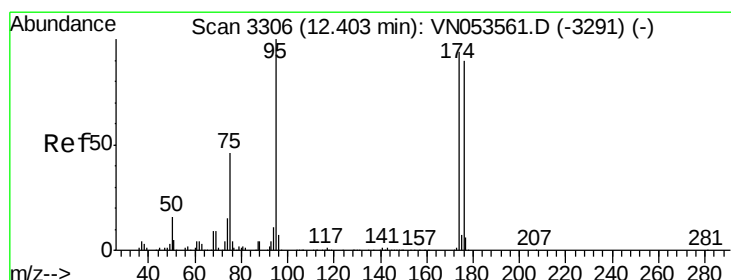
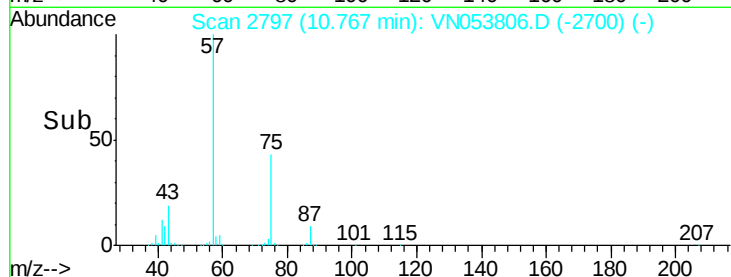
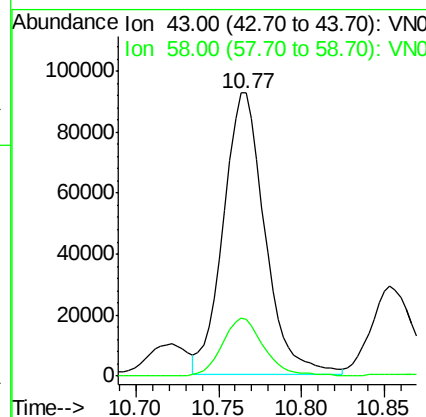
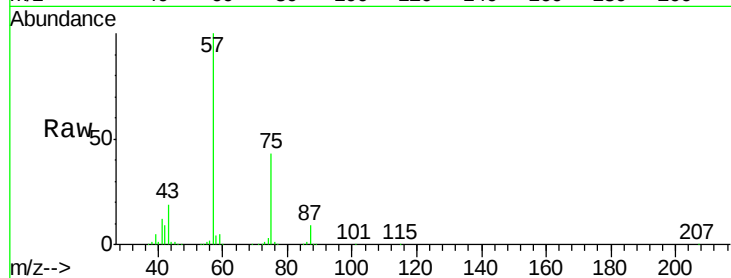




#59
2-Hexanone
Concen: 43.592 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

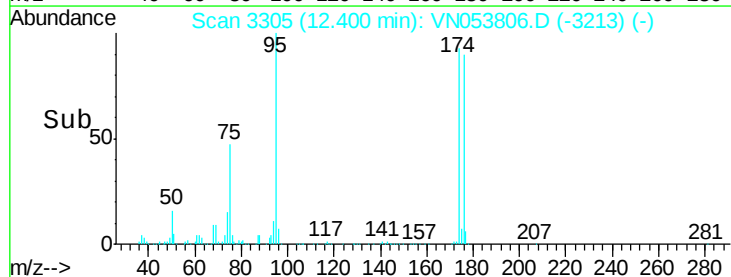
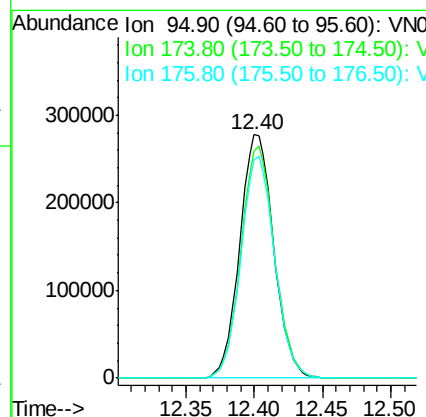
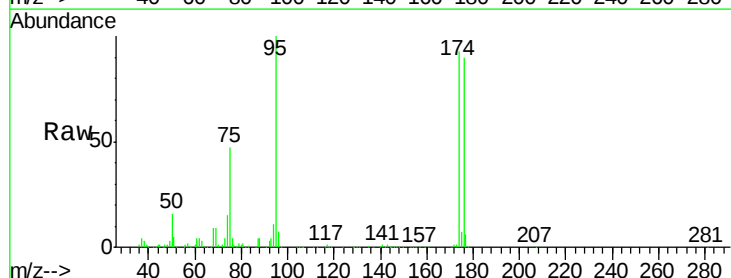
Instrument :
MSVOA_N
ClientSampled :

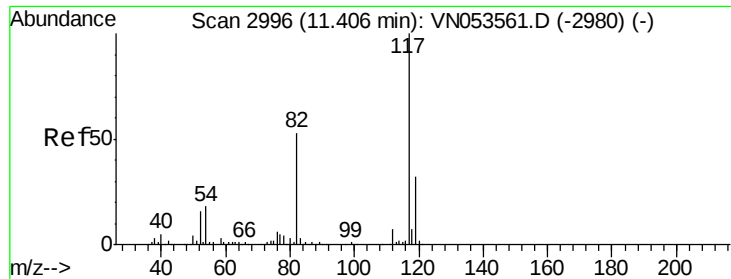
Tot Ion: 43 Resp: 161247
Ion Ratio Lower Upper
43 100
58 20.8 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 53.089 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Tgt Ion: 95 Resp: 479083
Ion Ratio Lower Upper
95 100
174 94.6 0.0 183.2
176 90.5 0.0 177.4

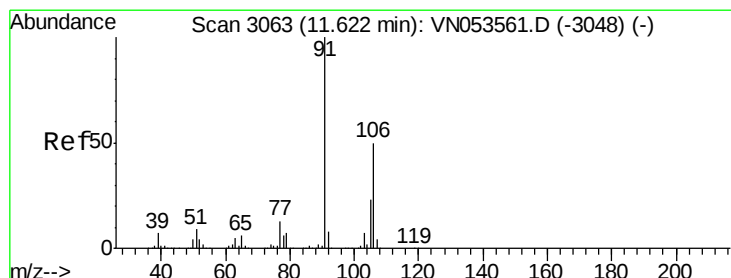
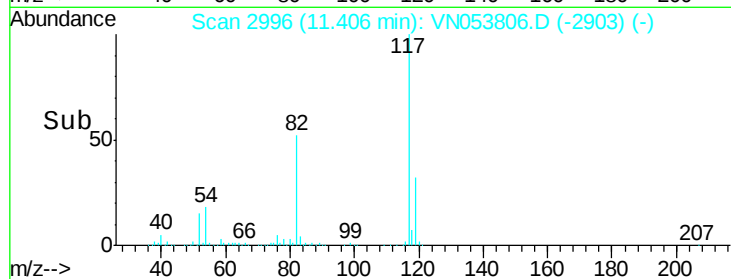
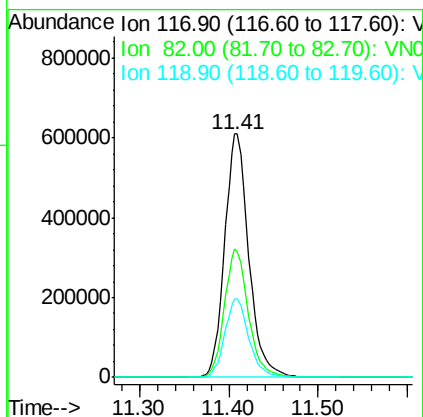
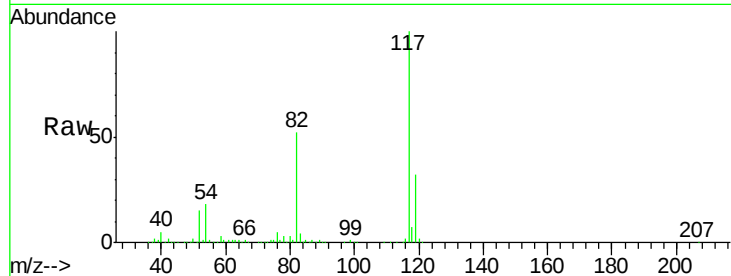




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

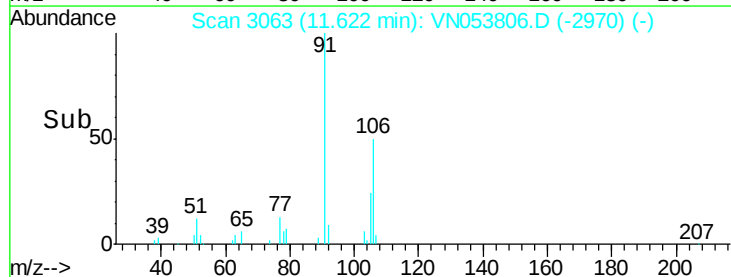
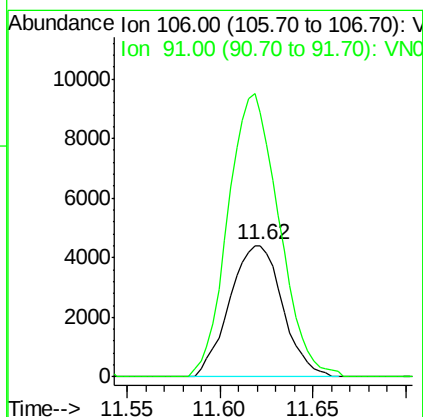
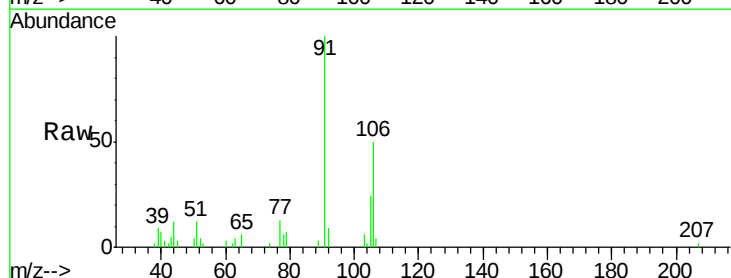
Instrument :
MSVOA_N
ClientSampleId :

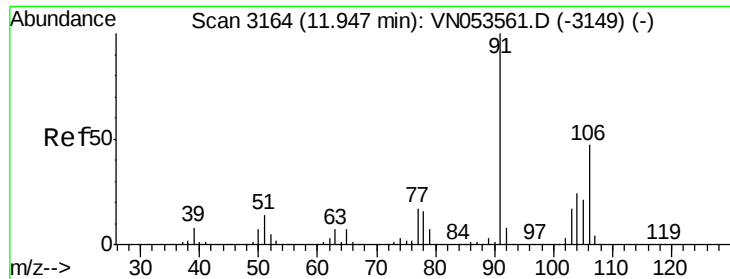
Tot Ion:117 Resp: 1136946
Ion Ratio Lower Upper
117 100
82 52.5 42.9 64.3
119 32.1 26.0 39.0



#68
m/p-Xylenes
Concen: 0.579 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Tgt Ion:106 Resp: 8761
Ion Ratio Lower Upper
106 100
91 207.7 161.4 242.2

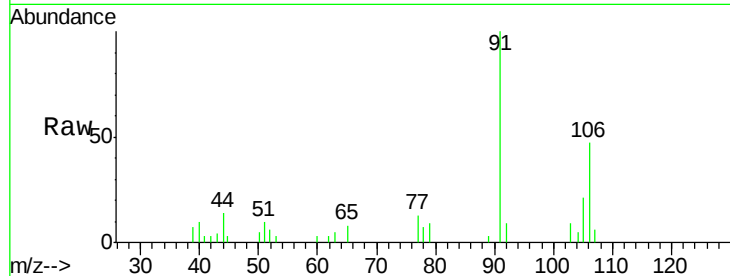




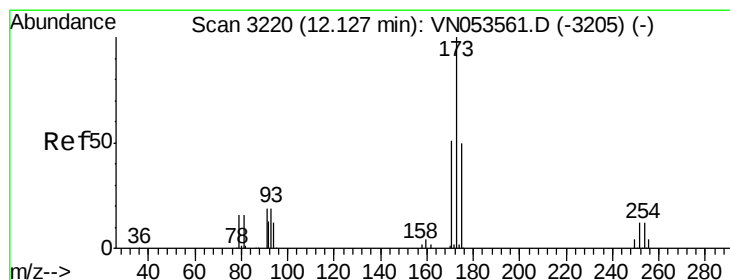
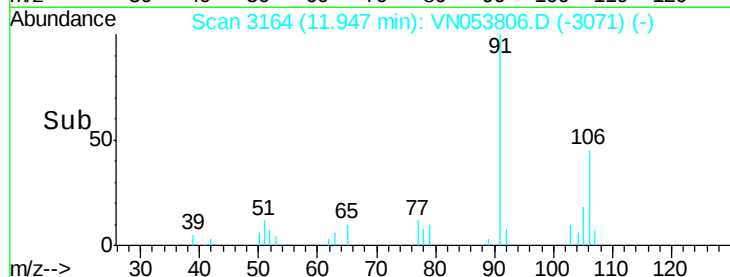
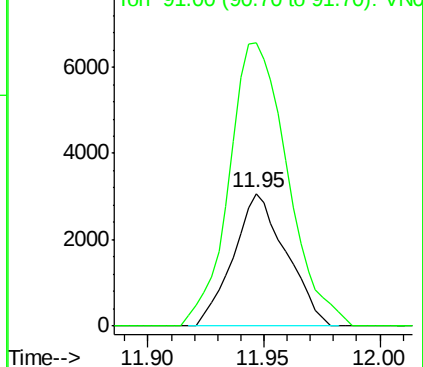
#69
o-Xylene
Concen: 0.332 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 4863
Ion Ratio Lower Upper
106 100
91 235.6 106.9 320.8

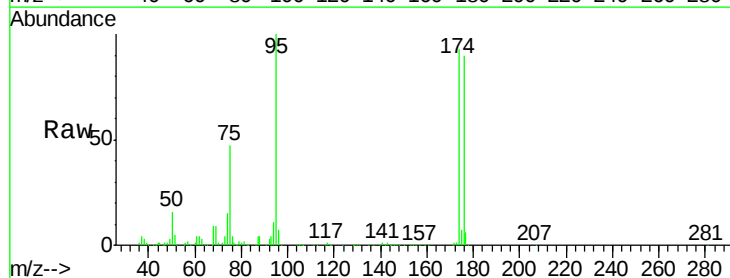


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

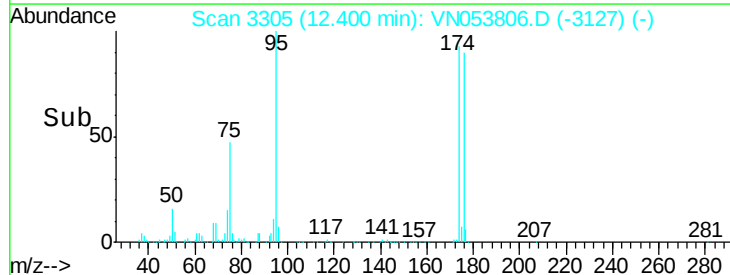
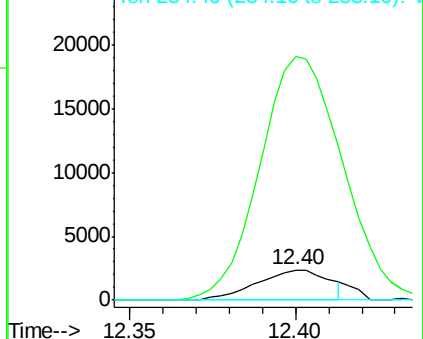


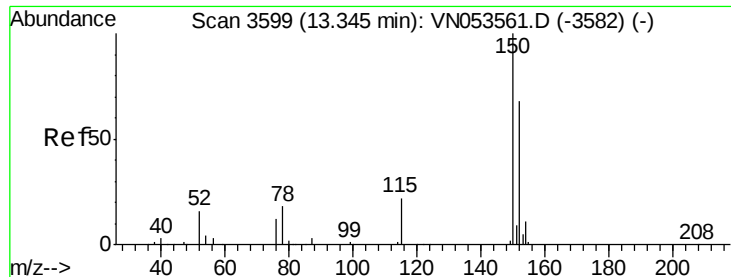
#71
Bromoform
Concen: 0.612 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Tgt Ion:173 Resp: 3539
Ion Ratio Lower Upper
173 100
175 801.8 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



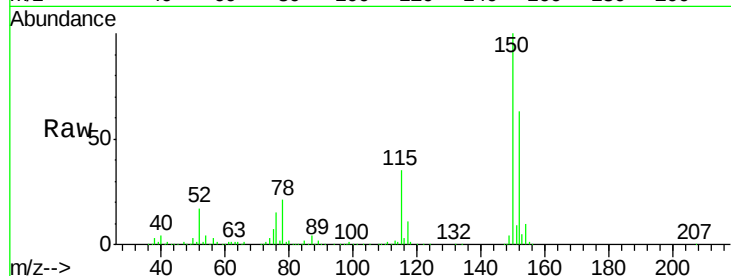


#72

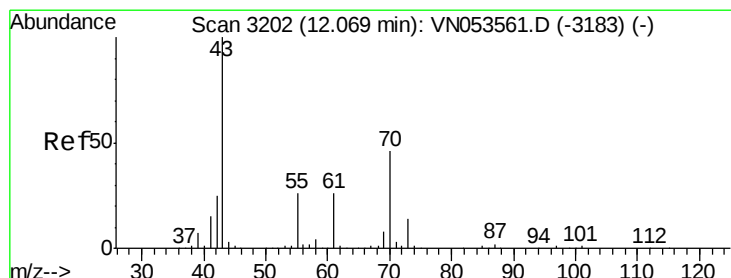
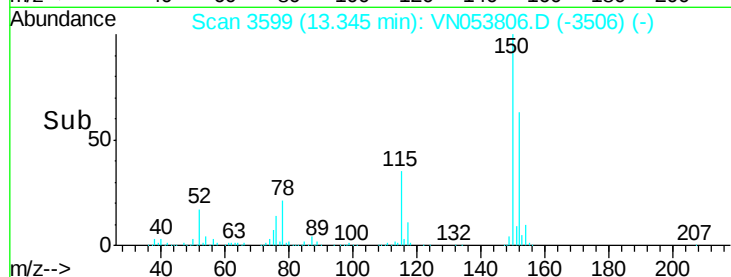
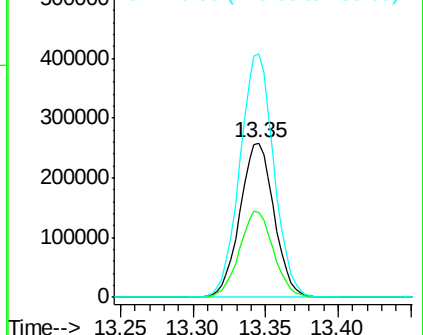
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 422327
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 156.9 0.0 349.0



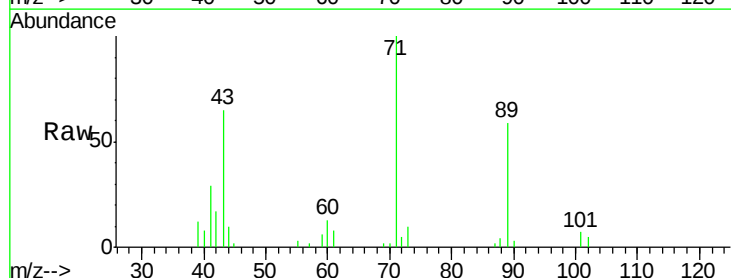
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



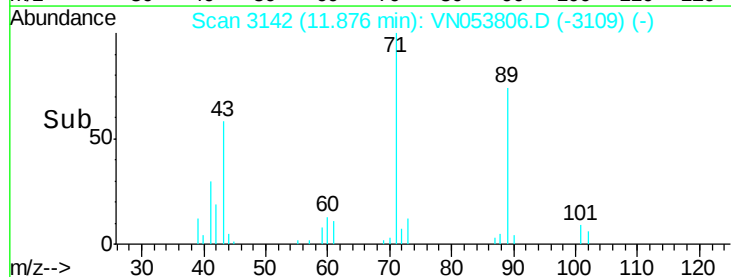
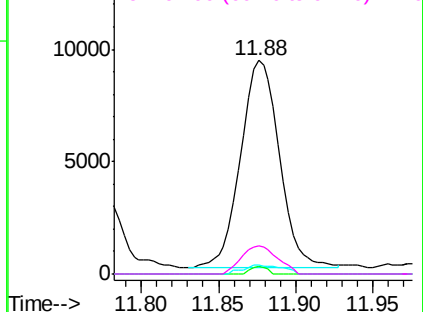
#74

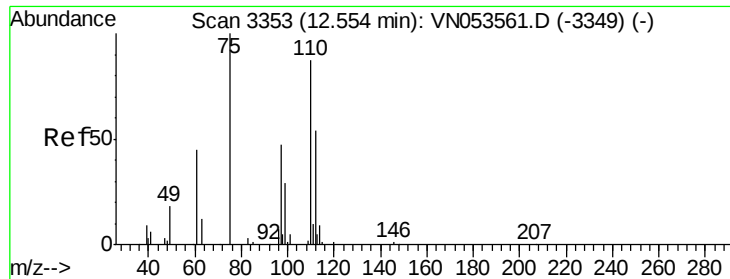
N-ethyl acetate
Concen: 2.273 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Tgt Ion: 43 Resp: 16227
Ion Ratio Lower Upper
43 100
70 1.6 35.4 53.2#
55 4.3 20.9 31.3#
61 12.4 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: 40.612 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053806.D

Acq: 15 Feb 2019 17:59

Instrument :

MSVOA_N

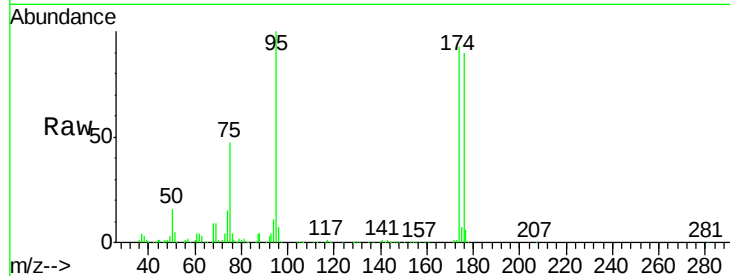
ClientSampled :

Tot Ion: 75 Resp: 220299

Ion Ratio Lower Upper

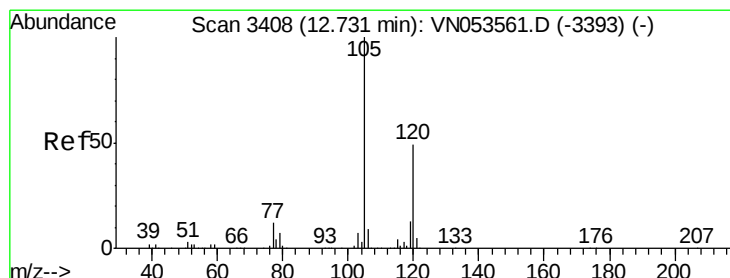
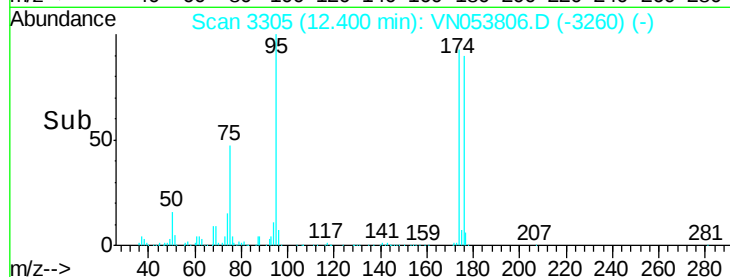
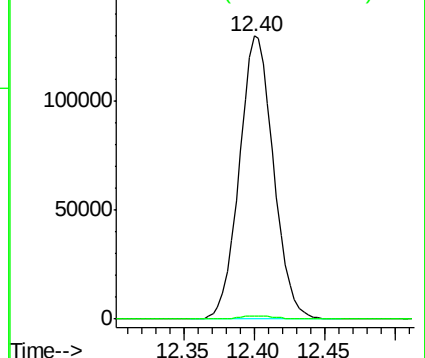
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053806.D (-3305) (-)

Ion 77.00 (76.70 to 77.70): VN053806.D (-3305) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.732 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053806.D

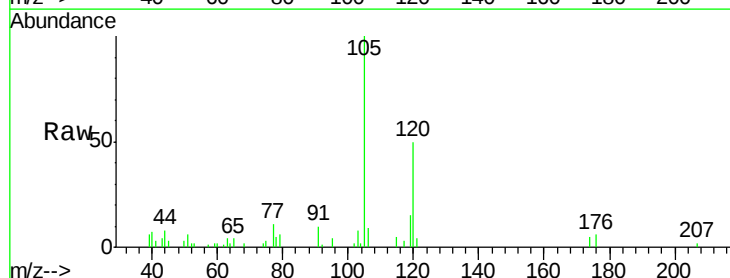
Acq: 15 Feb 2019 17:59

Tgt Ion: 105 Resp: 18023

Ion Ratio Lower Upper

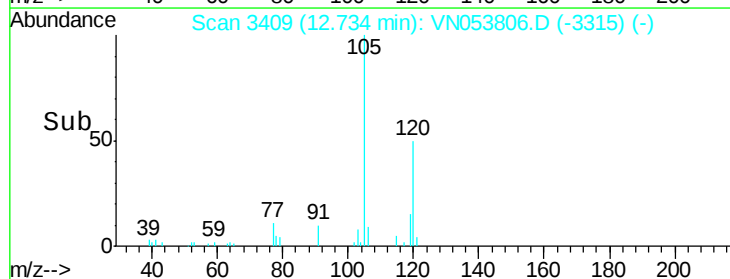
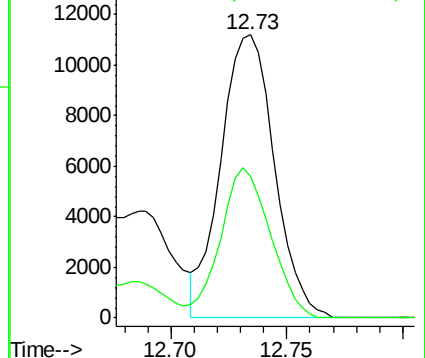
105 100

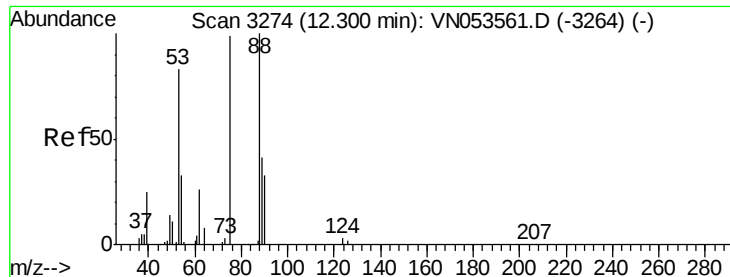
120 49.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053806.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN053806.D (-3315) (-)

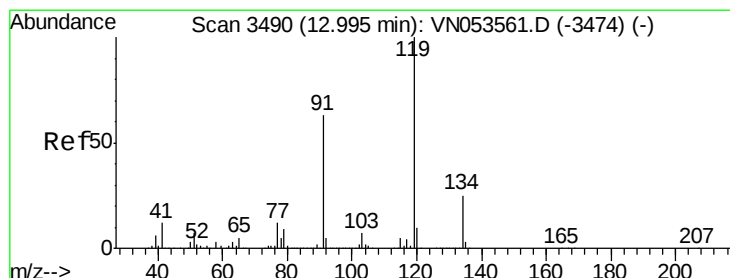
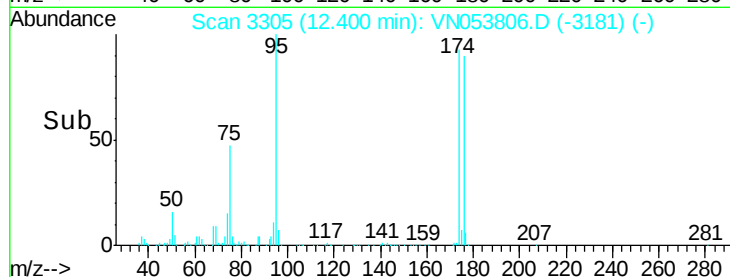
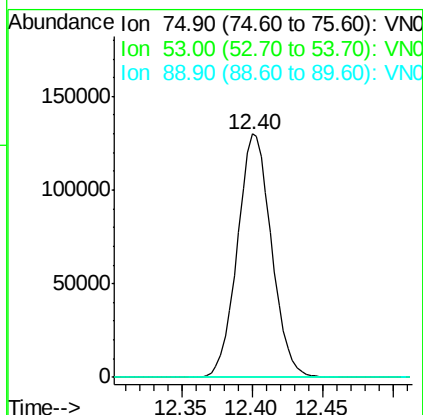
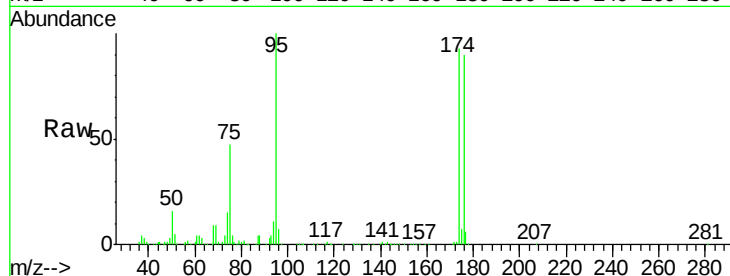




#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.197 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053806.D
 Acq: 15 Feb 2019 17:59

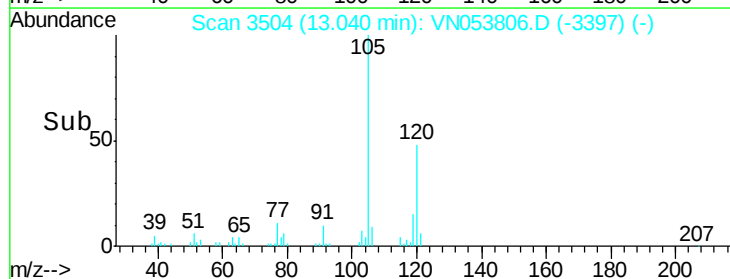
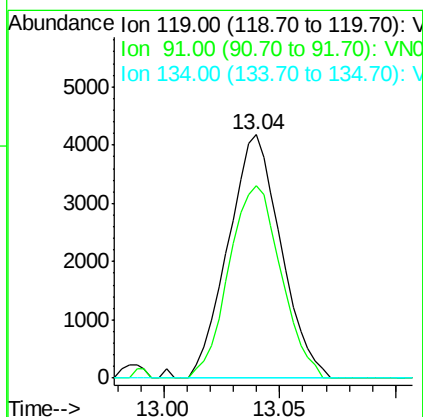
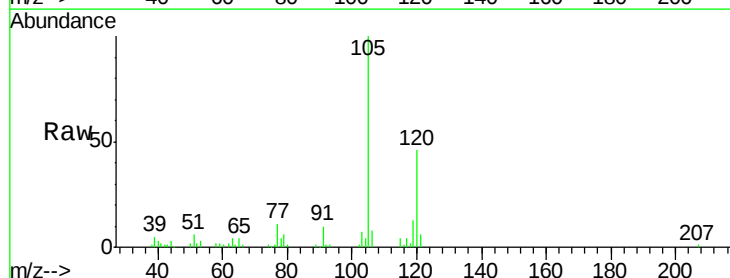
Instrument :
 MSVOA_N
 ClientSampleId :

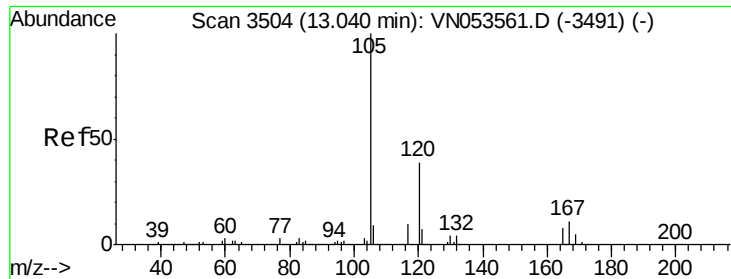
Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.6#
89	0.0	35.6	53.4#



#83
 tert-Butylbenzene
 Concen: 0.304 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN053806.D
 Acq: 15 Feb 2019 17:59

Tgt Ion	Ratio	Lower	Upper
119	100		
91	77.9	31.3	93.8
134	0.0	12.9	38.7#





#84

1,2,4-Trimethylbenzene

Concen: 2.034 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053806.D

Acq: 15 Feb 2019 17:59

Instrument :

MSVOA_N

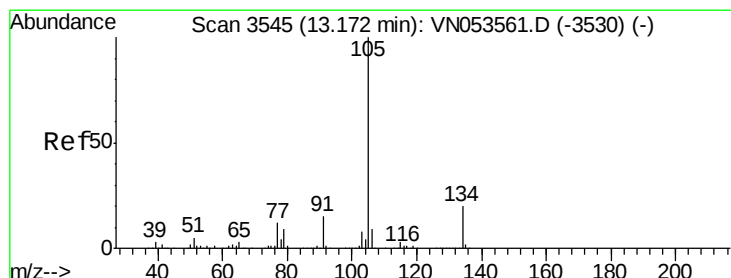
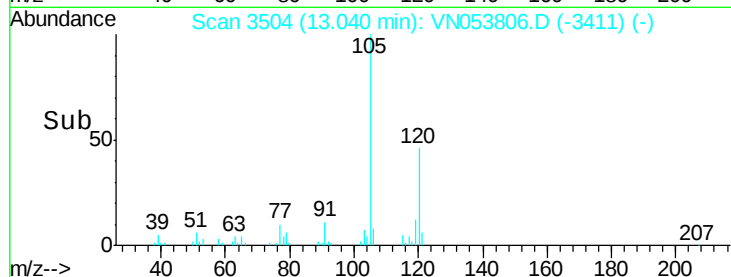
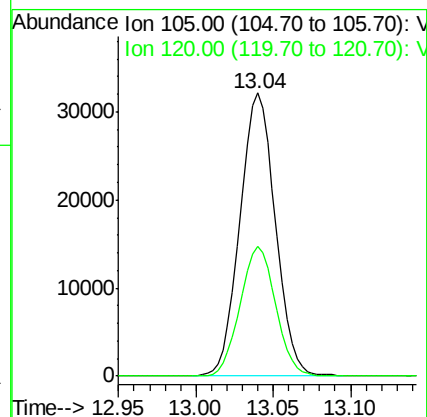
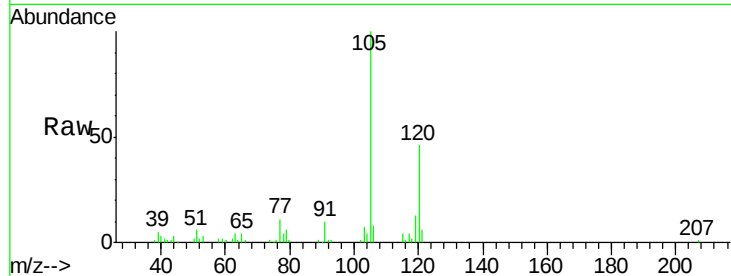
ClientSampled :

Tot Ion:105 Resp: 51013

Ion Ratio Lower Upper

105 100

120 45.9 23.0 69.0



#85

sec-Butylbenzene

Concen: 1.723 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053806.D

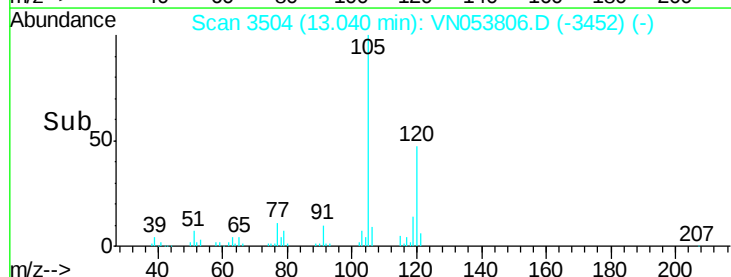
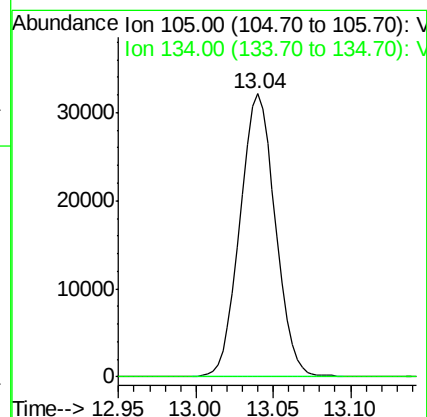
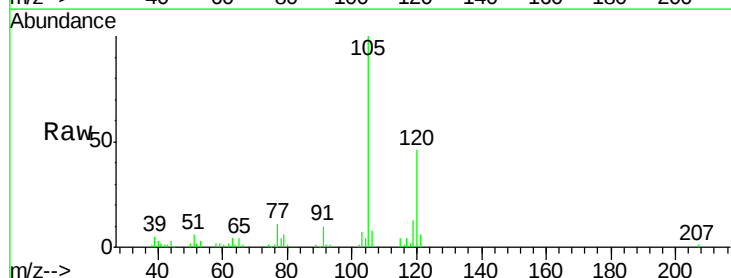
Acq: 15 Feb 2019 17:59

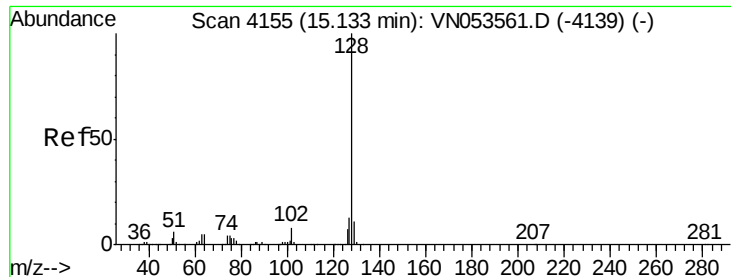
Tgt Ion:105 Resp: 51013

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#

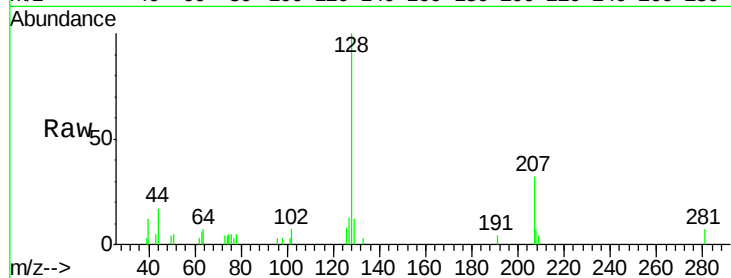




#95
Naphthalene
Concen: 2.251 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053806.D
Acq: 15 Feb 2019 17:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.3	15.5
129	10.9	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

