

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
 Data File : VN054184.D
 Acq On : 13 Mar 2019 1:16
 Operator : JC/SP
 Sample : K1849-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C135-CON

Quant Time: Mar 13 07:33:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1480139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2416282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2544497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1135258	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	797739	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
35) Dibromofluoromethane	7.59	113	755155	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
50) Toluene-d8	10.09	98	3018573	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.40	95	1163175	57.76	ug/l	0.00
Spiked Amount			Recovery	=	115.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	481	1.518	ug/l #	60
11) Tert butyl alcohol	4.82	59	1021	0.947	ug/l #	60
13) Acrolein	3.61	56	653	0.639	ug/l #	41
16) Acetone	3.82	43	28411	6.313	ug/l	93
18) Methyl Acetate	4.33	43	2633	0.289	ug/l #	65
20) Methylene Chloride	4.55	84	65370	4.423	ug/l	98
25) 2-Butanone	6.85	43	5838	1.105	ug/l	93
29) Tetrahydrofuran	7.23	42	1711	0.504	ug/l	94
31) Cyclohexane	7.66	56	25002	Below Cal	#	12
36) 1,1-Dichloropropene	7.66	75	85999	3.865	ug/l #	48
38) Carbon Tetrachloride	7.67	117	119176	5.107	ug/l #	16
43) Isopropyl Acetate	8.18	43	44078	1.964	ug/l	98
48) Methyl methacrylate	9.18	41	18085	1.588	ug/l #	21
49) 1,4-Dioxane	9.27	88	79	0.490	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	18156	1.529	ug/l #	36
52) Toluene	10.16	92	30507	0.756	ug/l	89
53) t-1,3-Dichloropropene	10.39	75	724	2.014	ug/l #	17
54) cis-1,3-Dichloropropene	9.90	75	147113	5.895	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	24076	0.999	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	151	16.846	ug/l #	44
59) 2-Hexanone	10.77	43	338244	42.801	ug/l #	50
67) Ethyl Benzene	11.51	91	48172	0.520	ug/l	95
68) m/p-Xylenes	11.62	106	82978	2.292	ug/l	98
69) o-Xylene	11.95	106	36363	1.030	ug/l	97
71) Bromoform	12.40	173	7551	2.816	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	564147	33.792	ug/l #	100
78) n-propylbenzene	12.59	91	43254	0.439	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	93912	1.243	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	564147	115.518	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	284206	3.835	ug/l	96
85) sec-Butylbenzene	13.04	105	284206	3.151	ug/l #	55
90) Hexachloroethane	13.89	117	4209	0.321	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	3744	2.665	ug/l #	75
95) Naphthalene	15.13	128	47491	4.357	ug/l	99

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QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

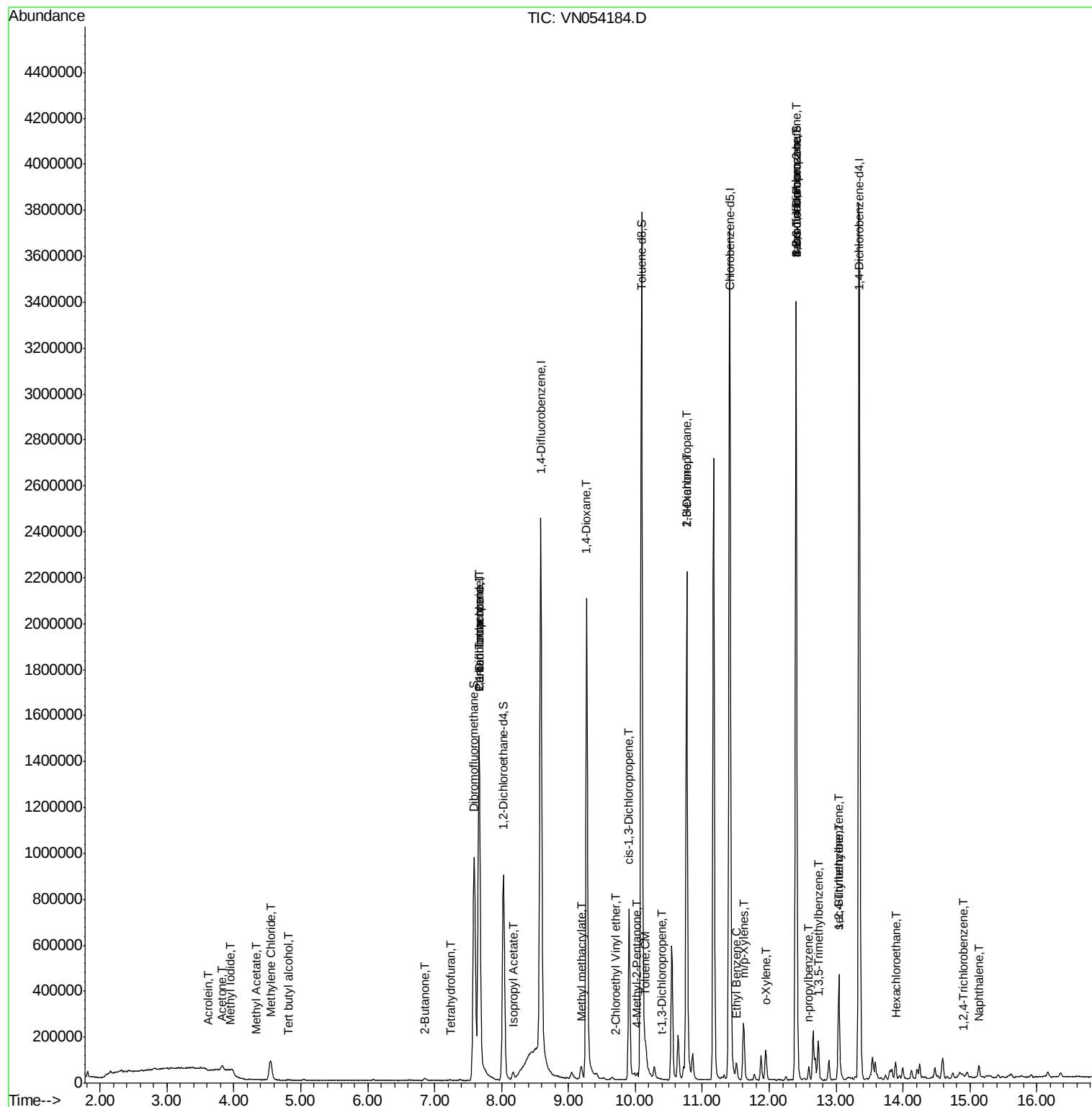
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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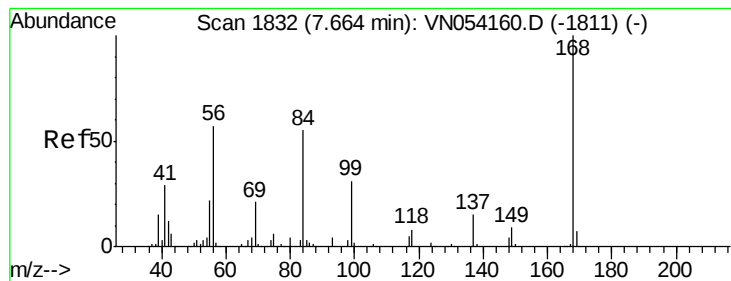
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031219\
Data File : VN054184.D
Acq On : 13 Mar 2019 1:16
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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: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

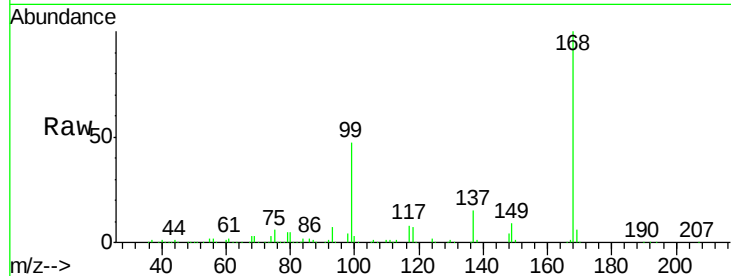
C135-CON

Tot Ion:168 Resp: 1480139

Ion Ratio Lower Upper

168 100

99 47.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

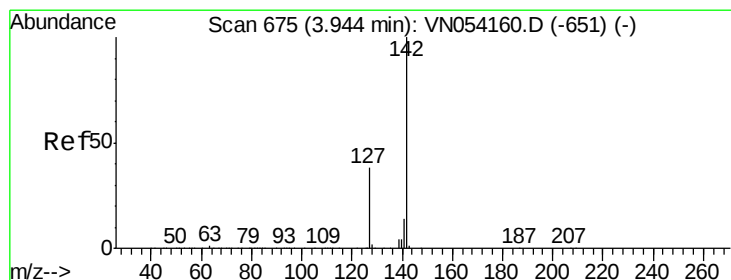
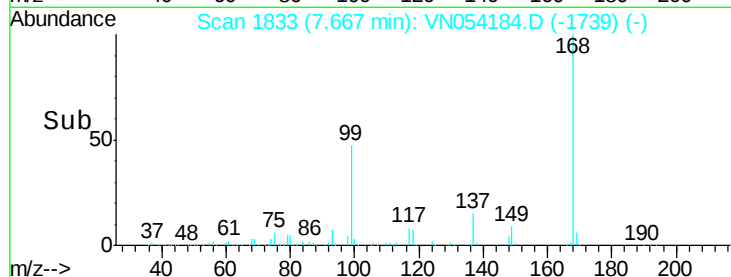
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#10

Methyl Iodide

Concen: 1.518 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

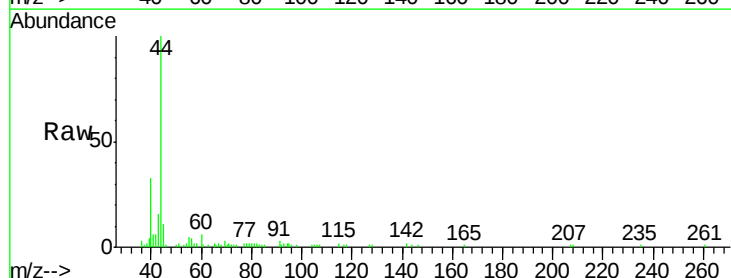
Tgt Ion:142 Resp: 481

Ion Ratio Lower Upper

142 100

127 55.3 30.3 45.5#

141 42.4 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.95

500

400

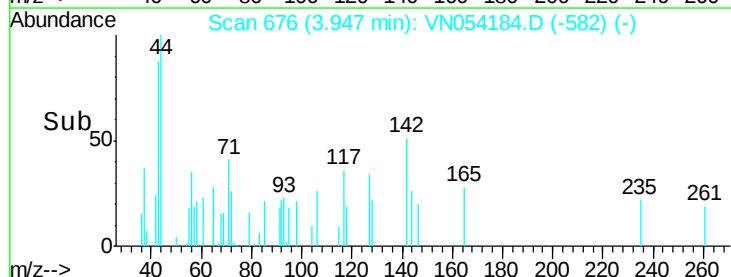
300

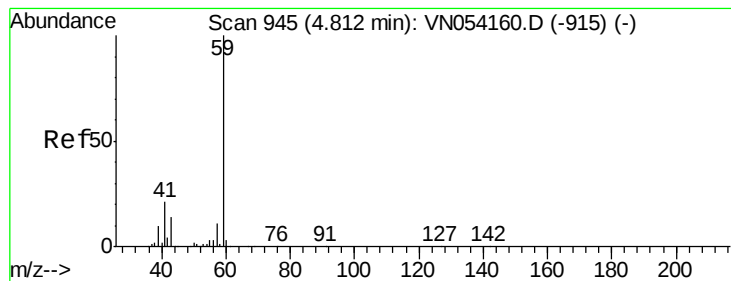
200

100

0

Time--> 3.94 3.96





#11

Tert butyl alcohol

Concen: 0.947 ug/l

RT: 4.82 min Scan# 948

Delta R.T. 0.01 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampled :

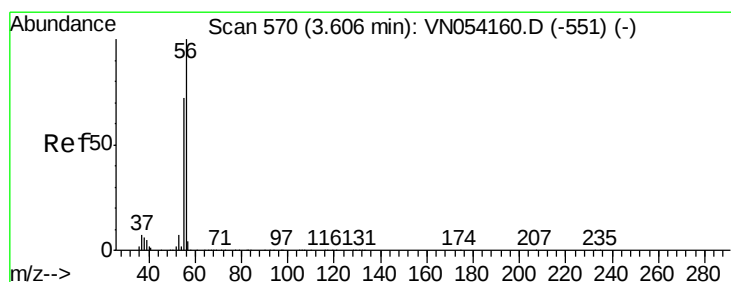
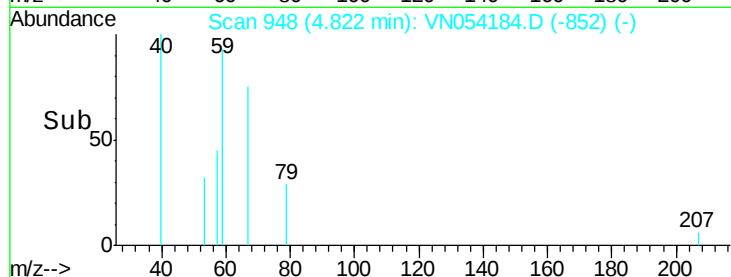
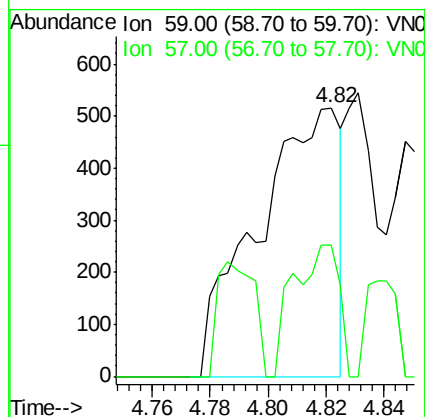
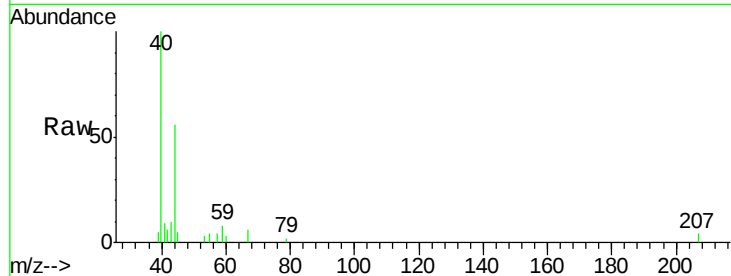
C135-CON

Tot Ion: 59 Resp: 1021

Ion Ratio Lower Upper

59 100

57 26.7 9.0 13.6#



#13

Acrolein

Concen: 0.639 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054184.D

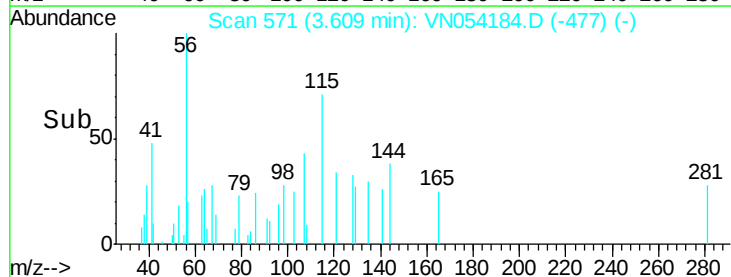
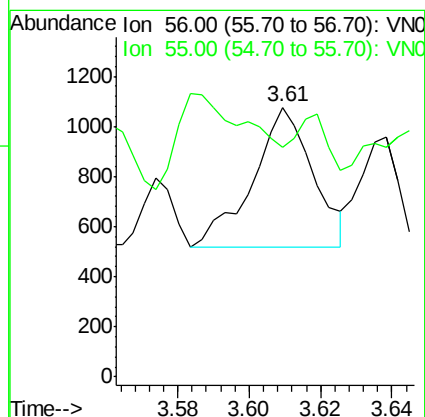
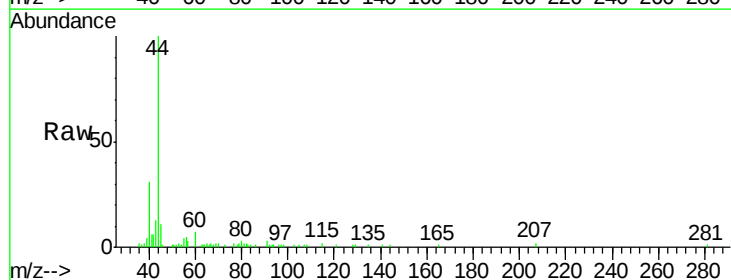
Acq: 13 Mar 2019 1:16

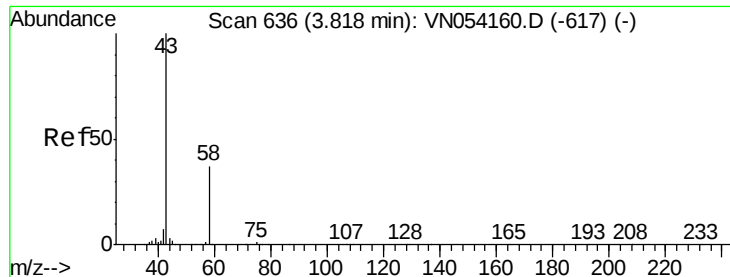
Tgt Ion: 56 Resp: 653

Ion Ratio Lower Upper

56 100

55 21.9 56.7 85.1#





#16

Acetone

Concen: 6.313 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

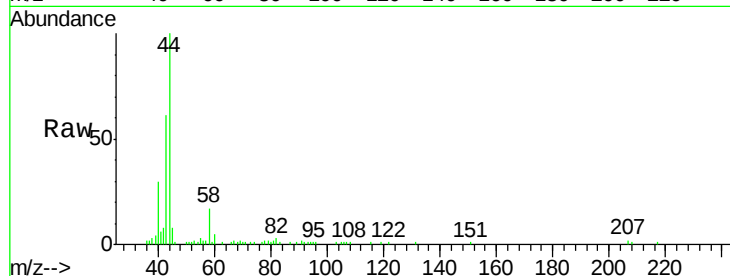
C135-CON

Tot Ion: 43 Resp: 28411

Ion Ratio Lower Upper

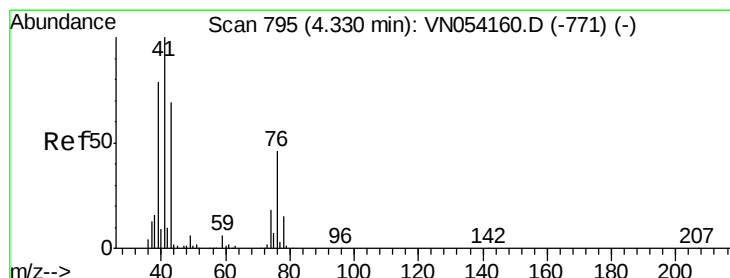
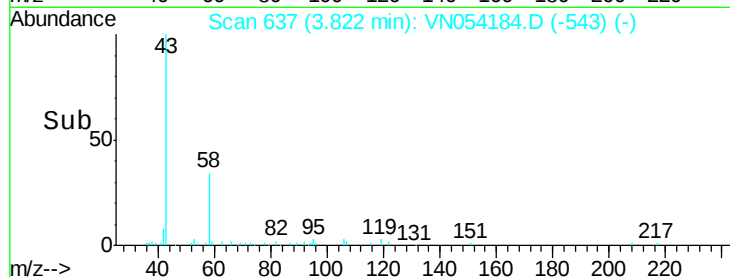
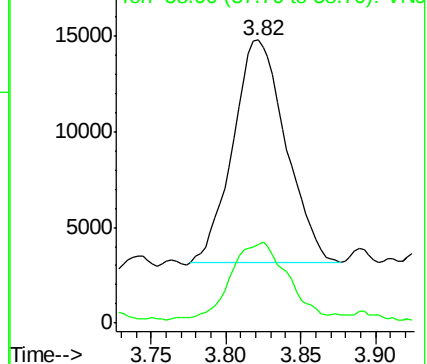
43 100

58 32.9 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.289 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054184.D

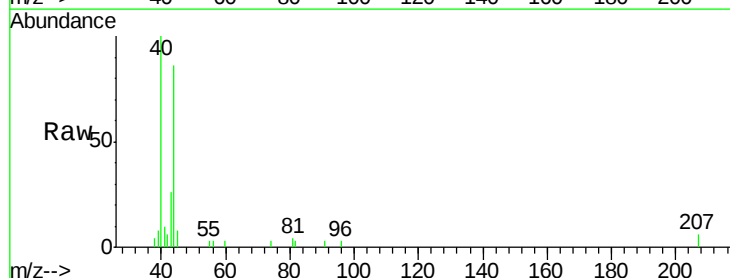
Acq: 13 Mar 2019 1:16

Tgt Ion: 43 Resp: 2633

Ion Ratio Lower Upper

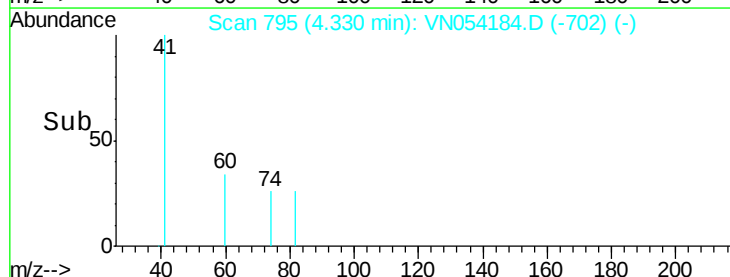
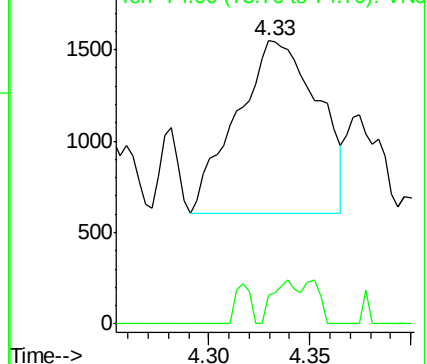
43 100

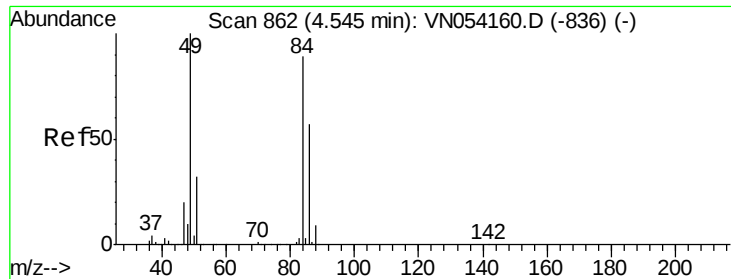
74 8.3 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

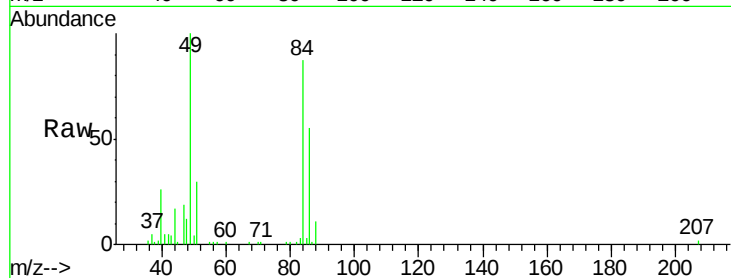




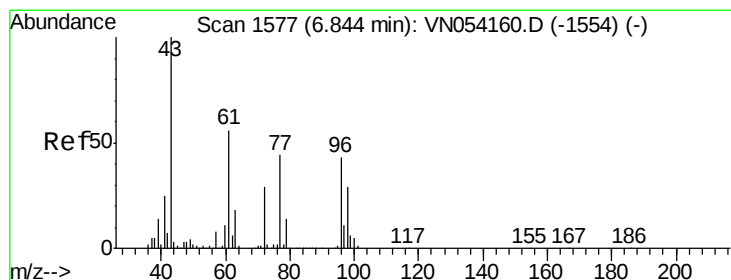
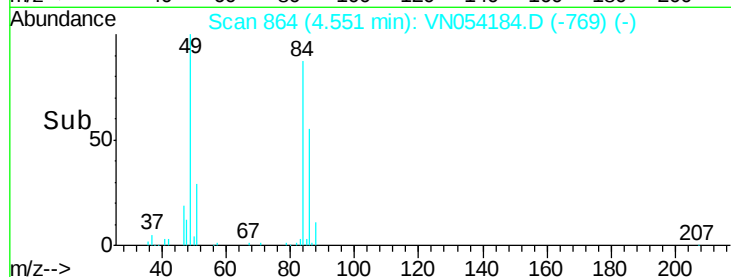
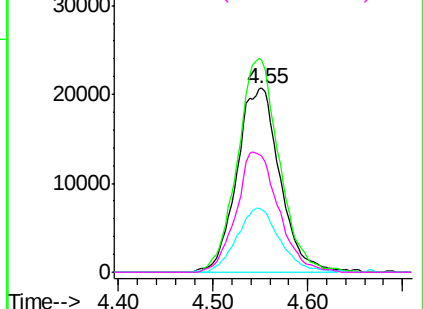
#20
Methvlene Chloride
Concen: 4.423 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Instrument :
MSVOA_N
ClientSampled :
C135-CON

Tot Ion: 84 Resp: 65370
Ion Ratio Lower Upper
84 100
49 115.1 89.7 134.5
51 34.1 28.2 42.4
86 63.1 50.8 76.2

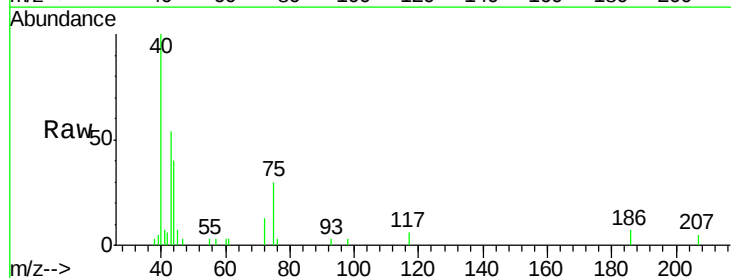


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

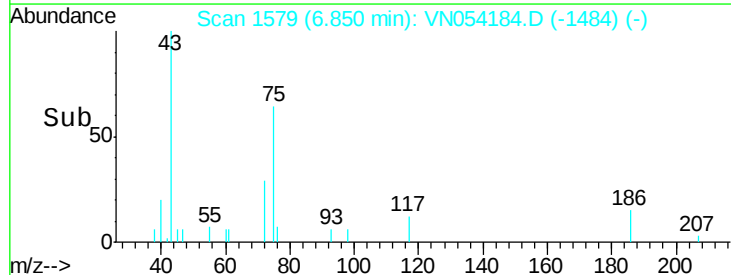
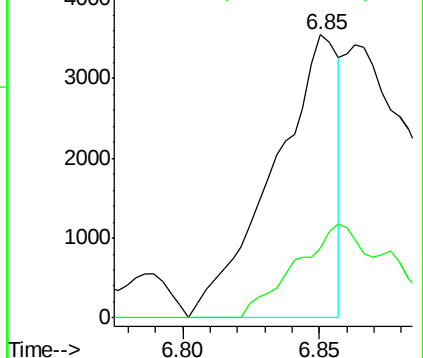


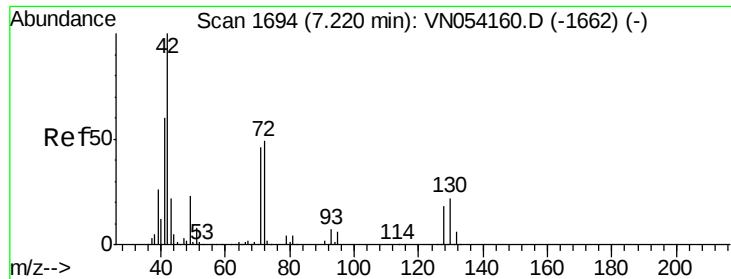
#25
2-Butanone
Concen: 1.105 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion: 43 Resp: 5838
Ion Ratio Lower Upper
43 100
72 24.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC

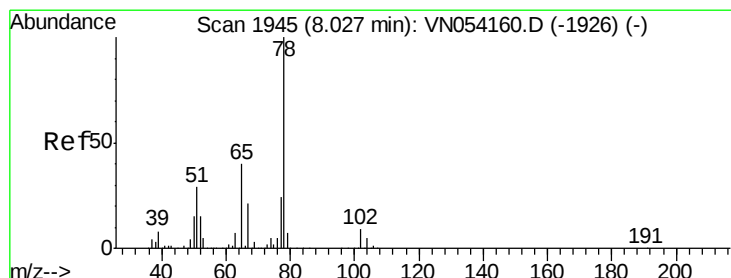
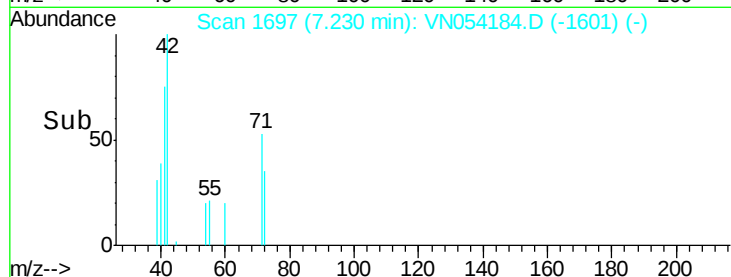
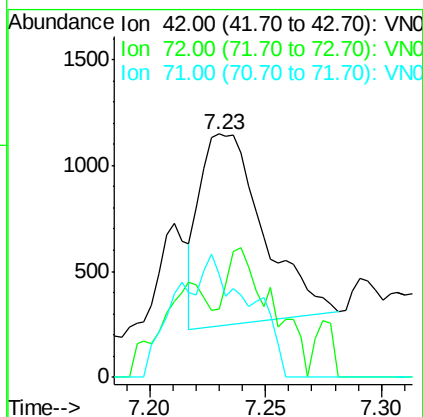
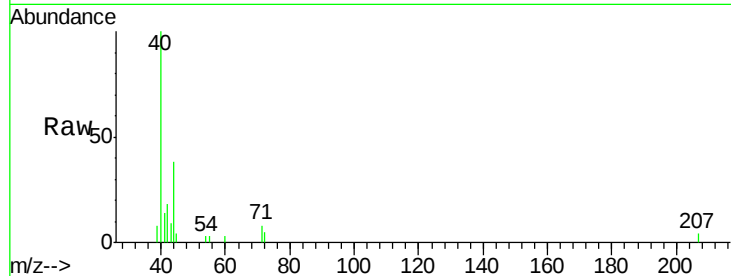




#29
Tetrahydrofuran
Concen: 0.504 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

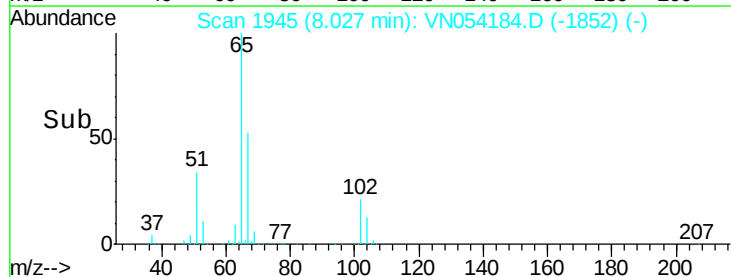
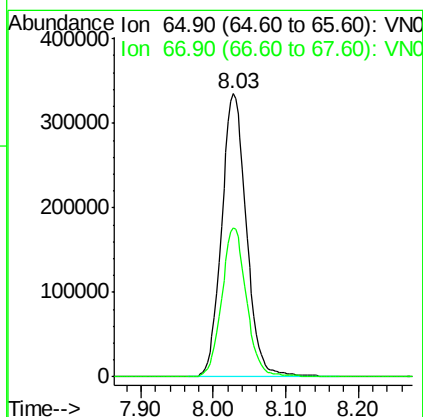
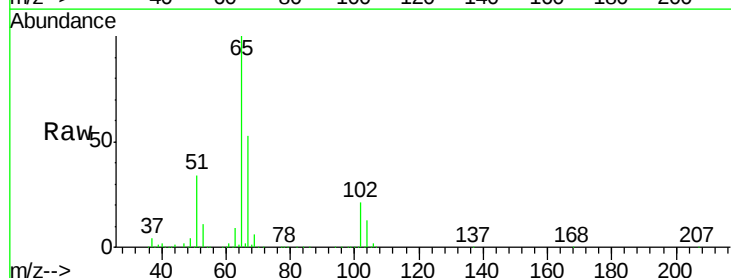
Instrument :
MSVOA_N
ClientSampled :
C135-CON

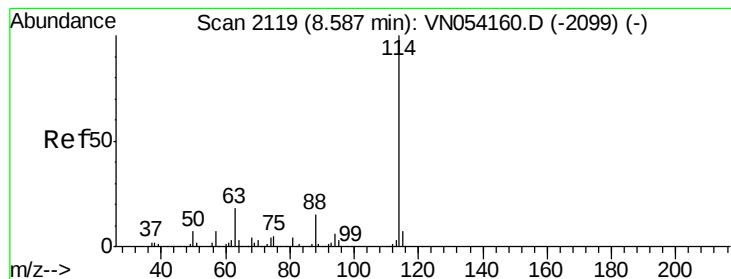
Tot Ion: 42 Resp: 1711
Ion Ratio Lower Upper
42 100
72 52.1 37.8 56.6
71 48.3 36.2 54.2



#33
1,2-Dichloroethane-d4
Concen: 50.750 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion: 65 Resp: 797739
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

C135-CON

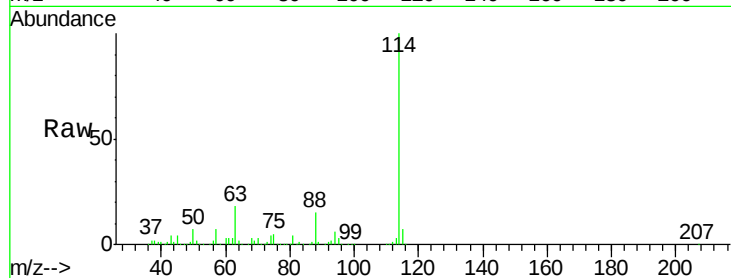
Tot Ion:114 Resp: 2416282

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.2

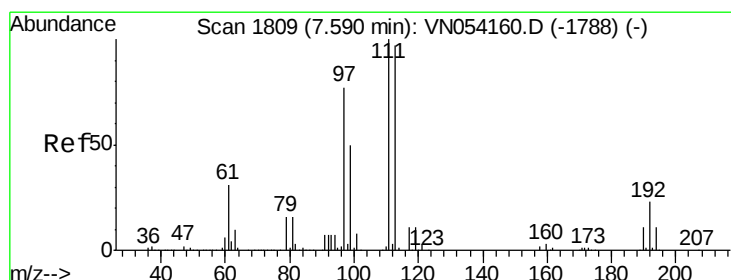
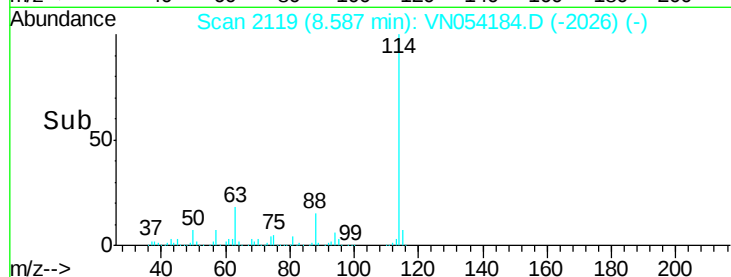
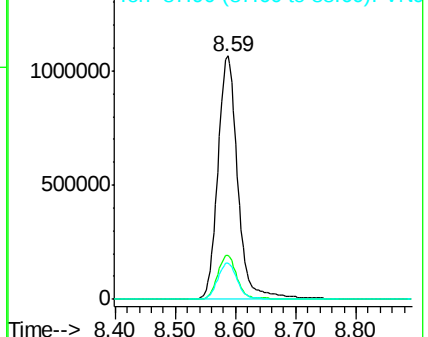
88 14.9 0.0 30.2



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: 48.457 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

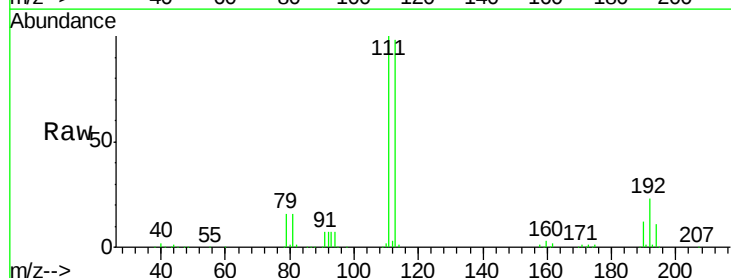
Tgt Ion:113 Resp: 755155

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

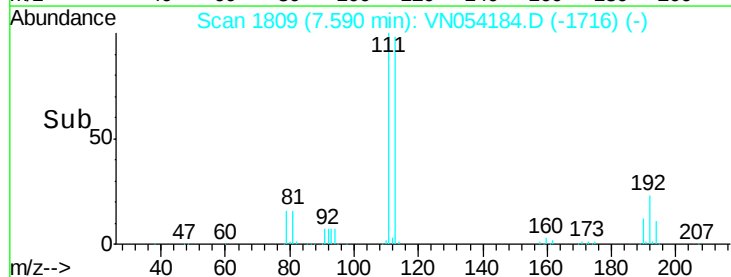
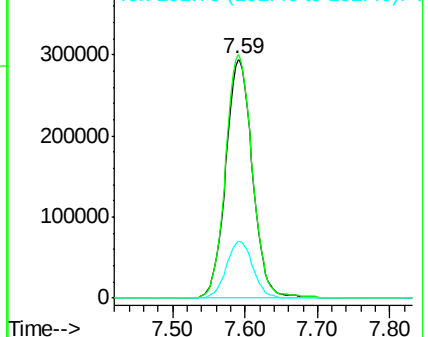
192 23.6 19.2 28.8

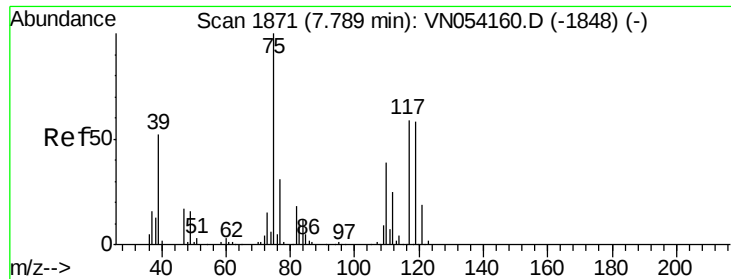


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

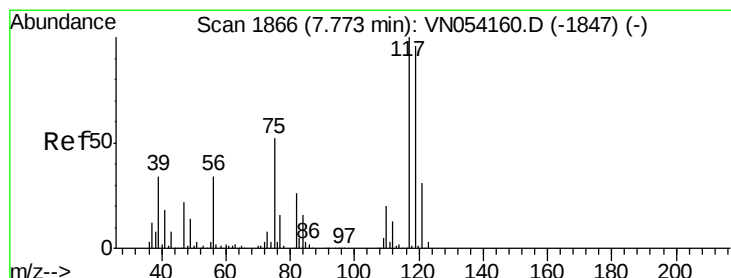
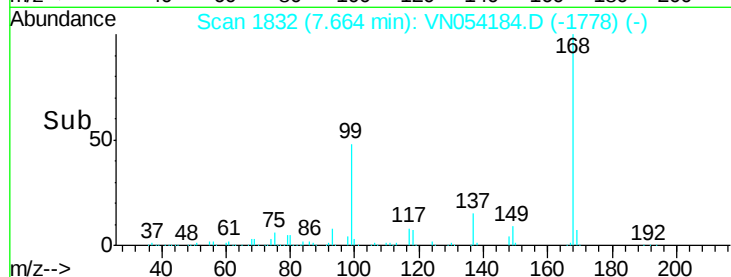
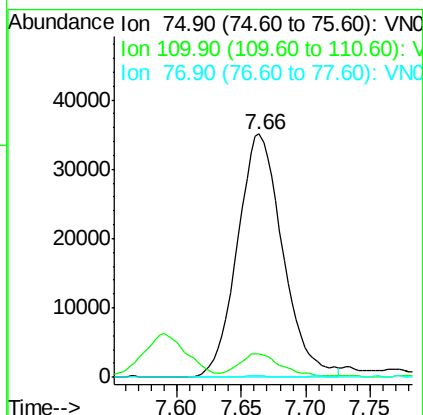
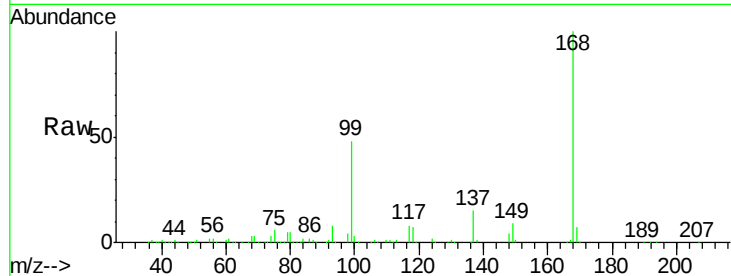




#36
1,1-Dichloropropene
Concen: 3.865 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

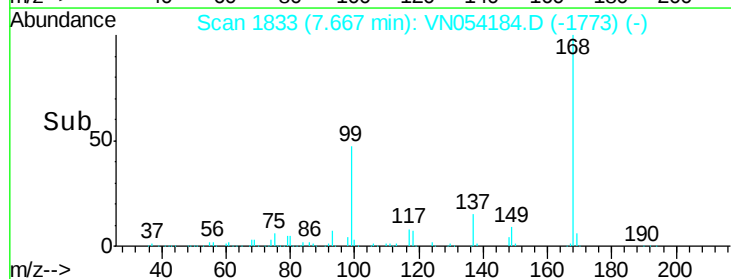
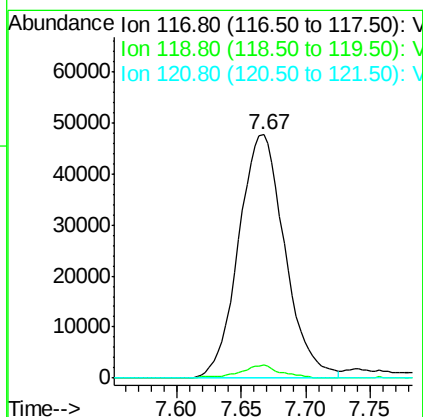
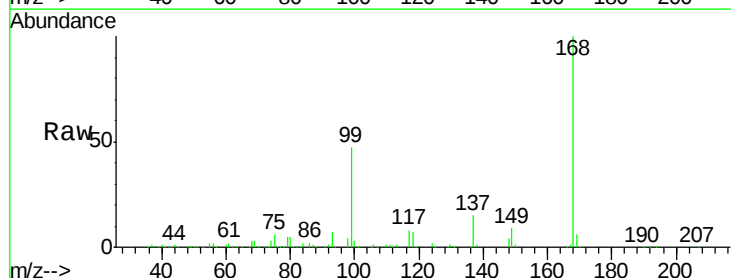
Instrument :
MSVOA_N
ClientSampled :
C135-CON

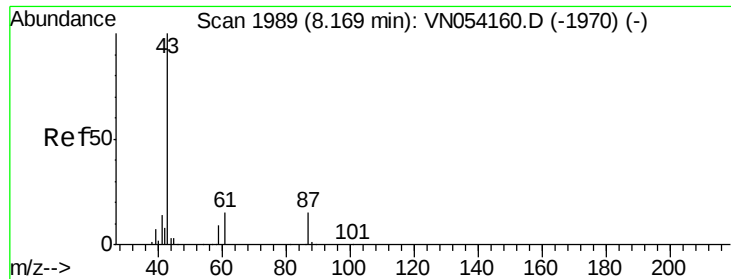
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.1	57.5#
77	0.2	25.0	37.4#



#38
Carbon Tetrachloride
Concen: 5.107 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.964 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

C135-CON

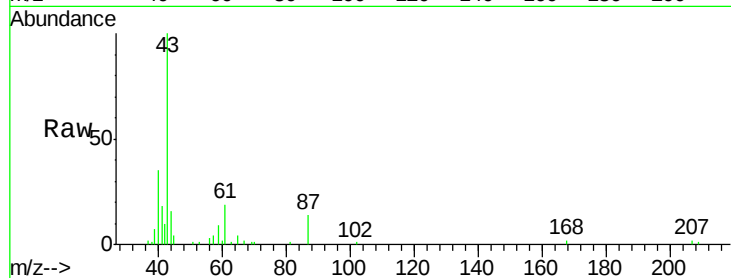
Tot Ion: 43 Resp: 44078

Ion Ratio Lower Upper

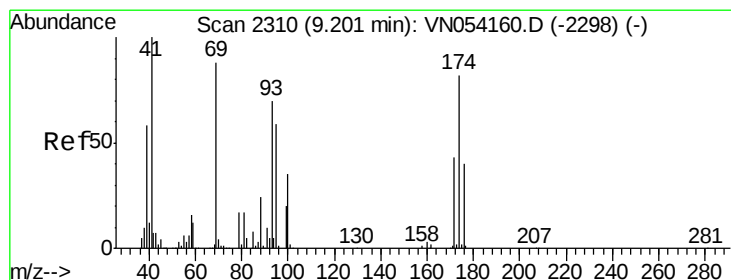
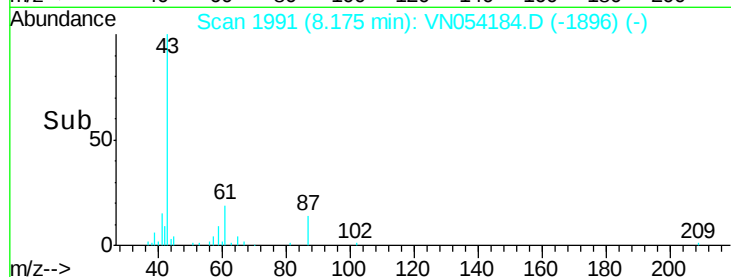
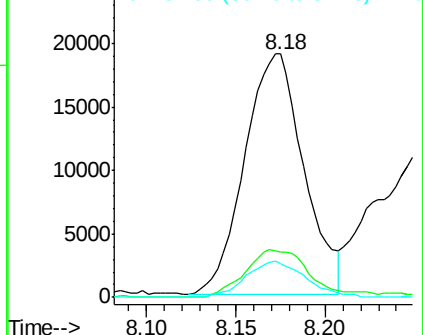
43 100

61 21.5 15.8 23.8

87 15.1 12.0 18.0



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



#48

Methyl methacrylate

Concen: 1.588 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

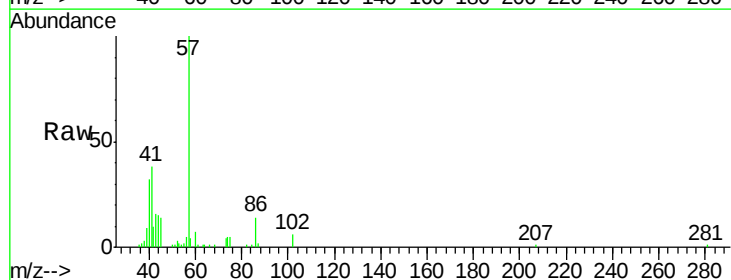
Tgt Ion: 41 Resp: 18085

Ion Ratio Lower Upper

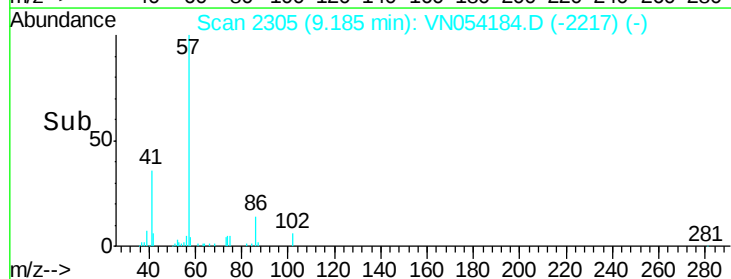
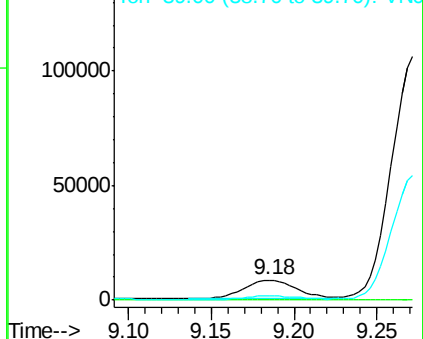
41 100

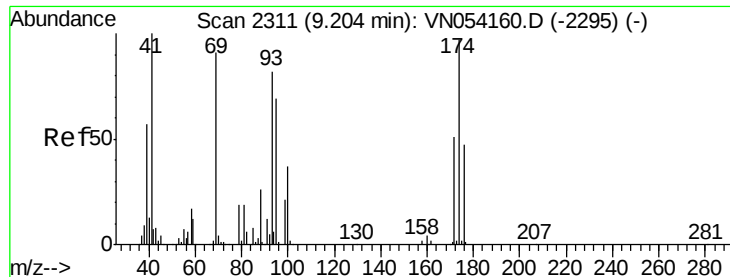
69 0.0 72.6 108.8#

39 19.4 47.5 71.3#



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





#49

1,4-Dioxane

Concen: 0.490 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.06 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

C135-CON

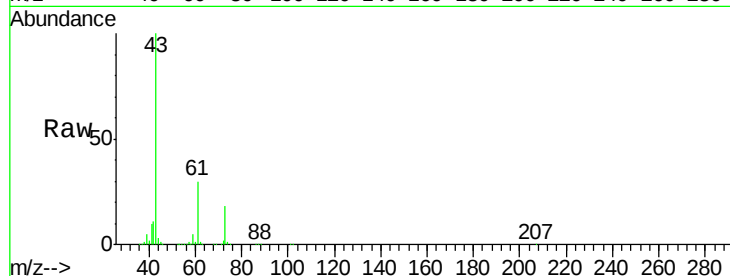
Tot Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 2737739.2 24.1 36.1#

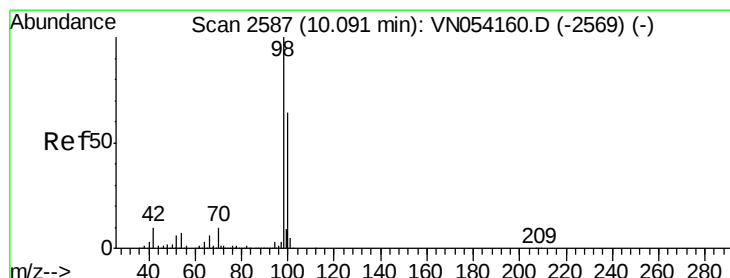
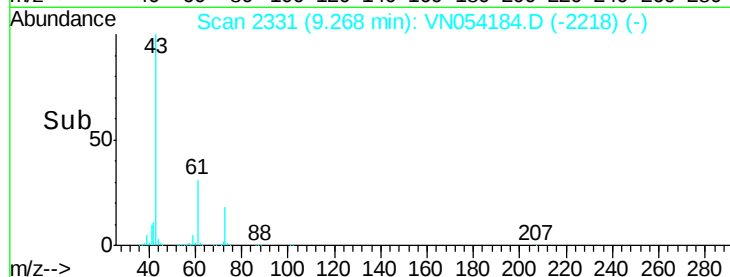
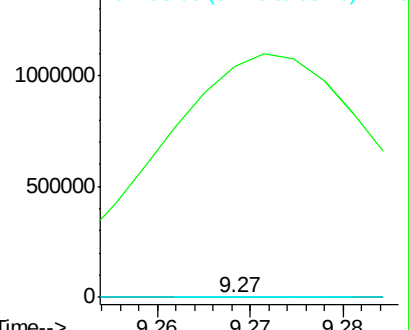
58 11269.6 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN054184.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN054184.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN054184.D (-2218) (-)



#50

Toluene-d8

Concen: 52.448 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054184.D

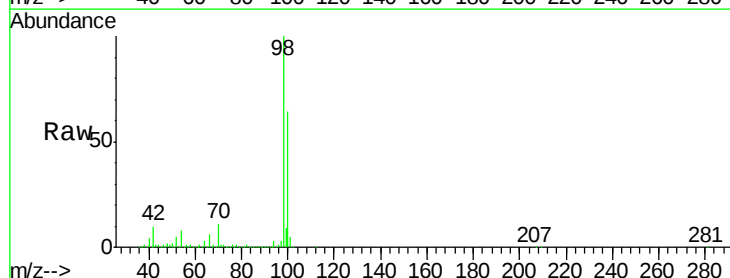
Acq: 13 Mar 2019 1:16

Tgt Ion: 98 Resp: 3018573

Ion Ratio Lower Upper

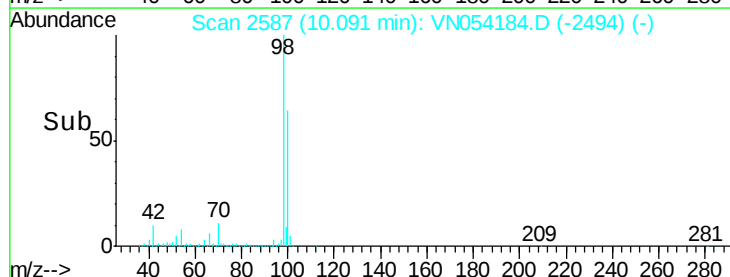
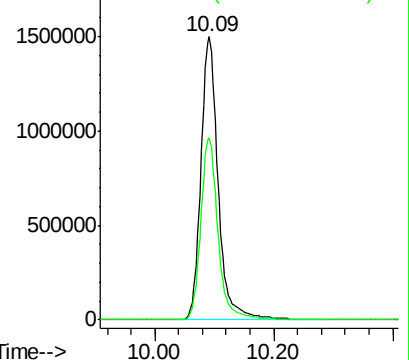
98 100

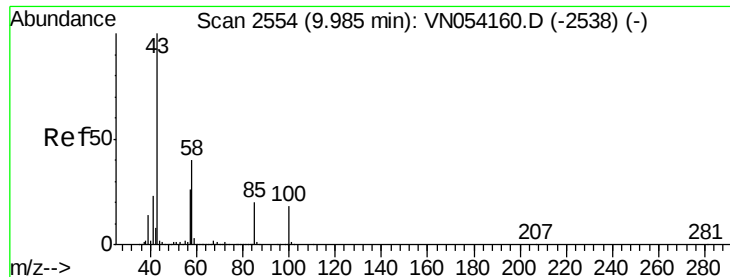
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054184.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054184.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.529 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampled :

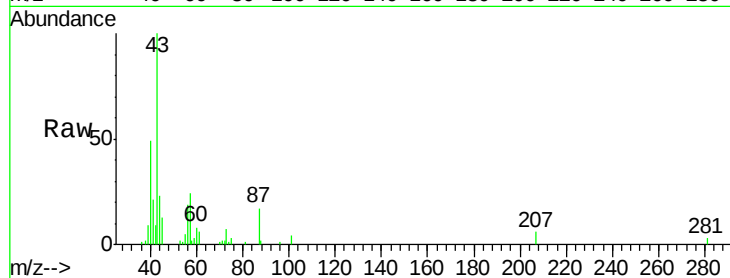
C135-CON

Tot Ion: 43 Resp: 18156

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



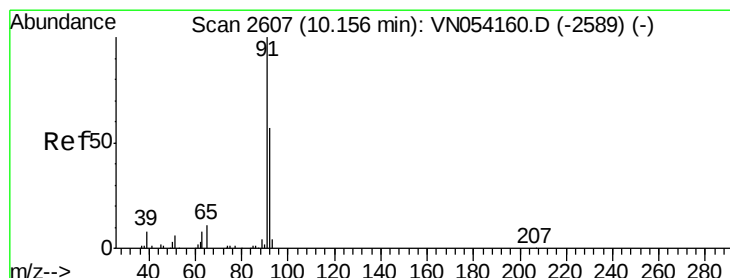
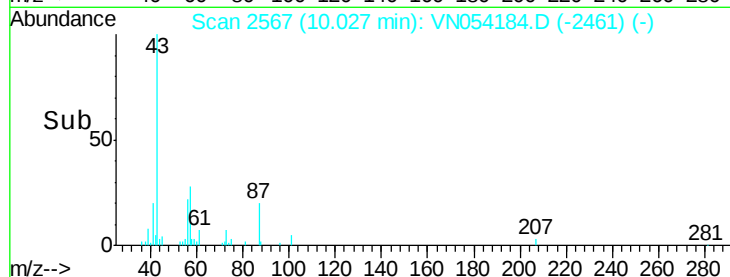
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.03

10.05

Time-->



#52

Toluene

Concen: 0.756 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054184.D

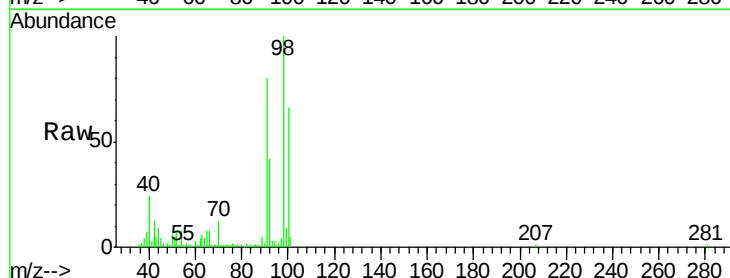
Acq: 13 Mar 2019 1:16

Tgt Ion: 92 Resp: 30507

Ion Ratio Lower Upper

92 100

91 160.2 140.7 211.1



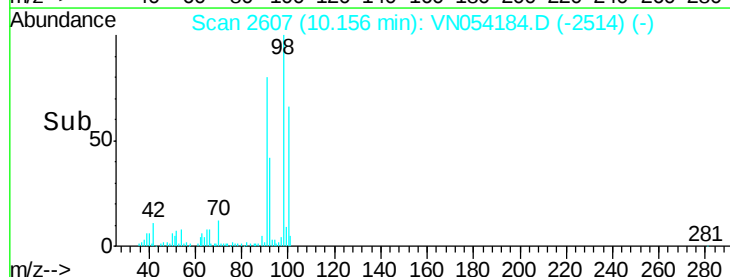
Abundance Ion 92.00 (91.70 to 92.70): VN0

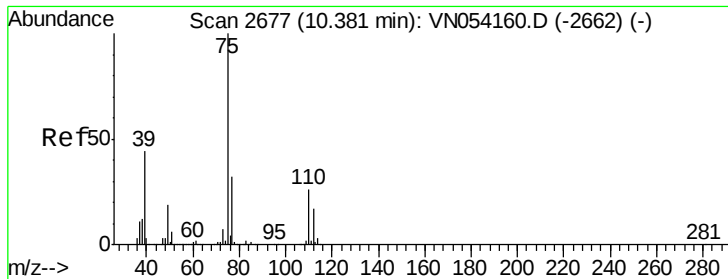
Ion 91.00 (90.70 to 91.70): VN0

10.16

10.20

Time-->

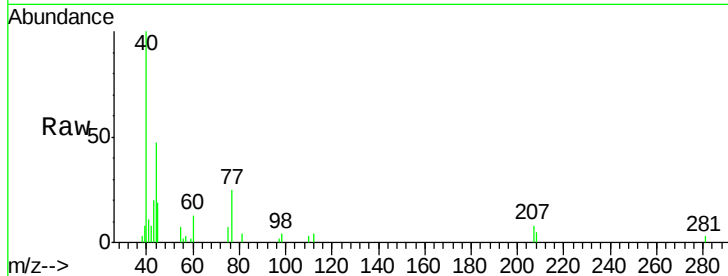




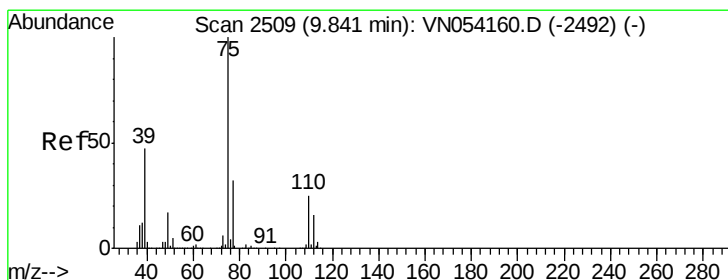
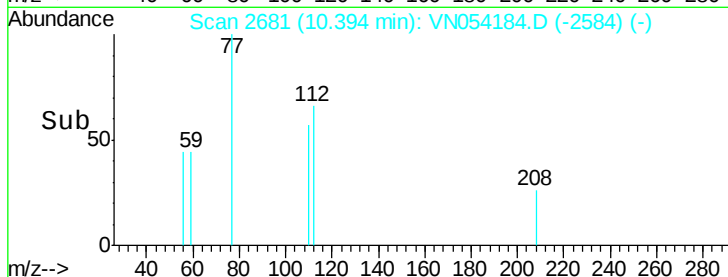
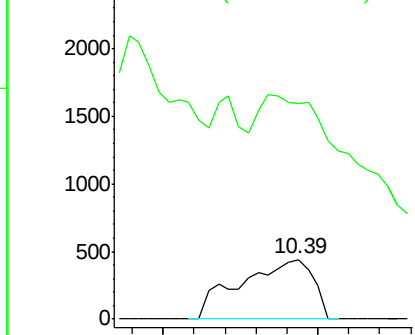
#53
t-1,3-Dichloropropene
Concen: 2.014 ug/l
RT: 10.39 min Scan# 2681
Delta R.T. 0.01 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Instrument :
MSVOA_N
ClientSampleId :
C135-CON

Tot Ion: 75 Resp: 724
Ion Ratio Lower Upper
75 100
77 78.6 25.8 38.8#

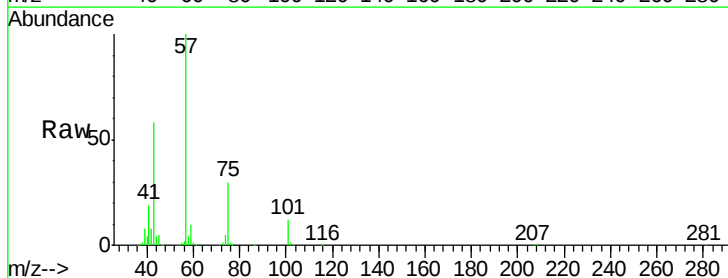


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0

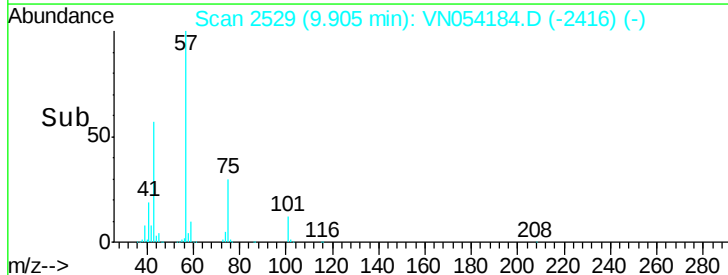
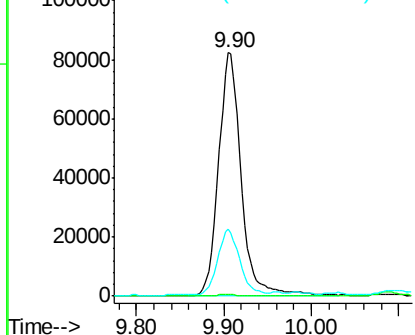


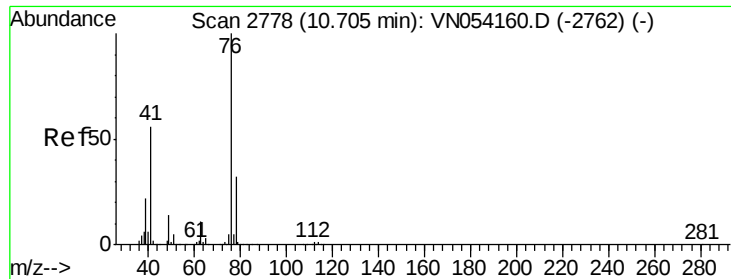
#54
cis-1,3-Dichloropropene
Concen: 5.895 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion: 75 Resp: 147113
Ion Ratio Lower Upper
75 100
77 0.7 25.4 38.0#
39 27.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0

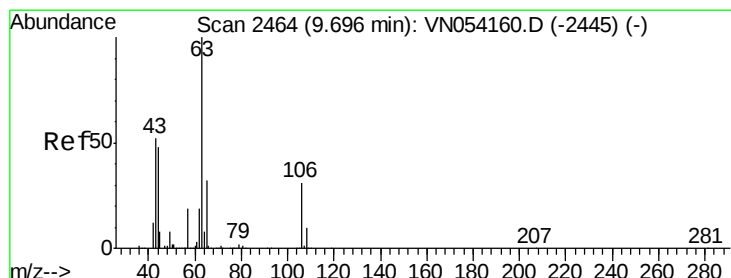
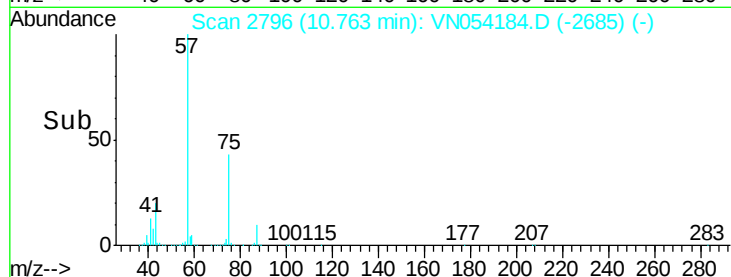
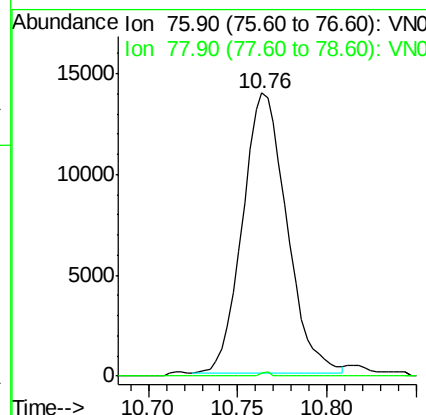
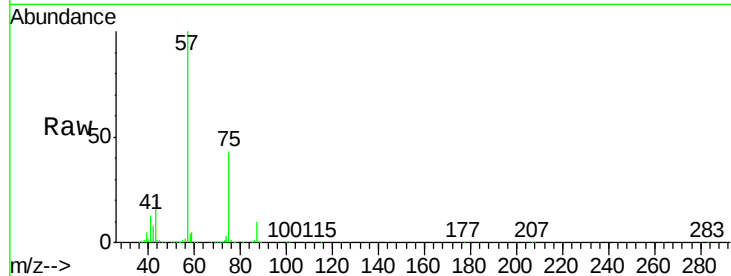




#57
 1,3-Dichloropropane
 Concen: 0.999 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054184.D
 Acq: 13 Mar 2019 1:16

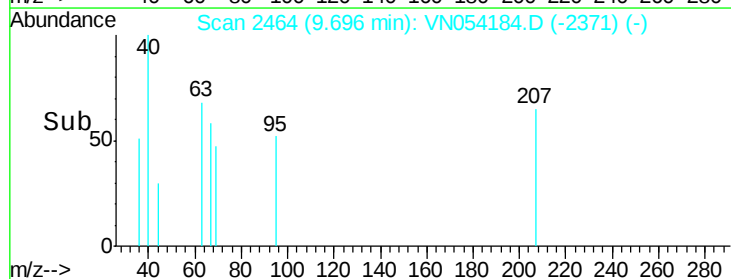
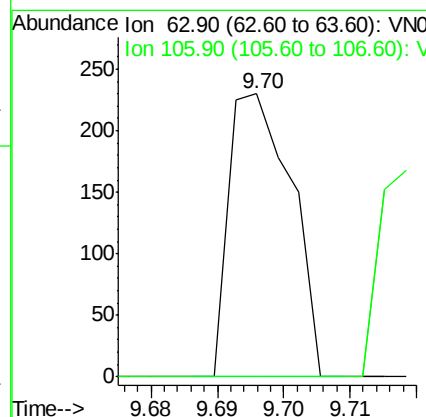
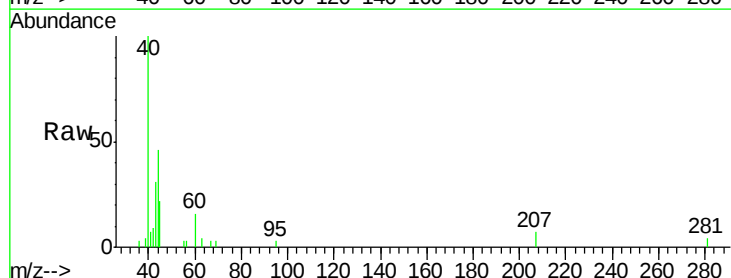
Instrument :
 MSVOA_N
 ClientSampleId :
 C135-CON

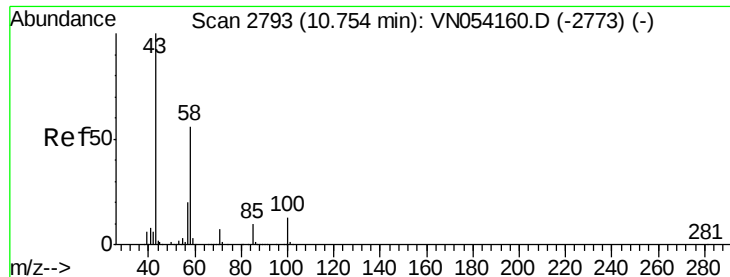
Tot Ion: 76 Resp: 24076
 Ion Ratio Lower Upper
 76 100
 78 0.3 25.7 38.5#



#58
 2-Chloroethyl Vinyl ether
 Concen: 16.846 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054184.D
 Acq: 13 Mar 2019 1:16

Tgt Ion: 63 Resp: 151
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.4 36.6#

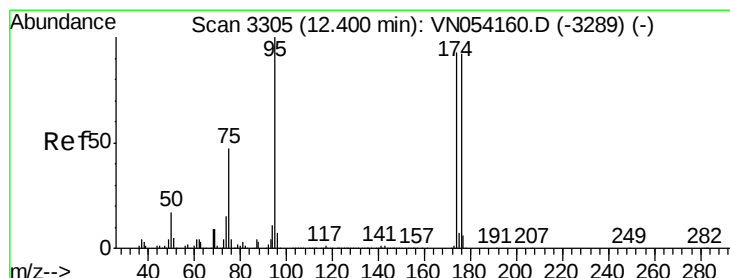
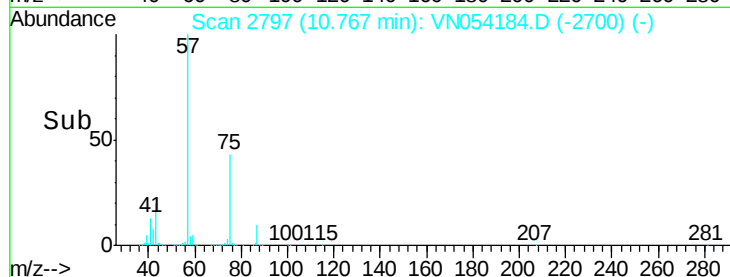
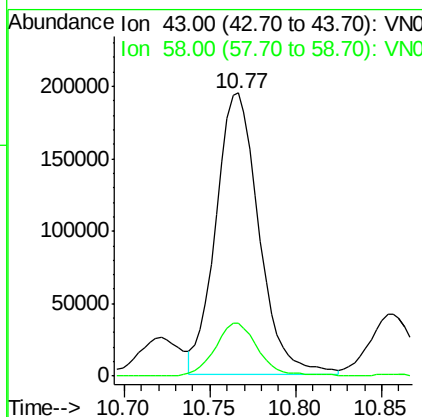
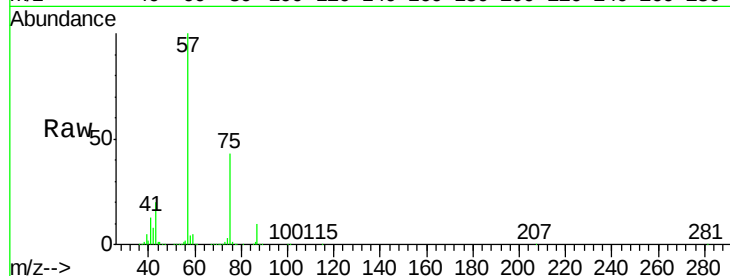




#59
2-Hexanone
Concen: 42.801 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

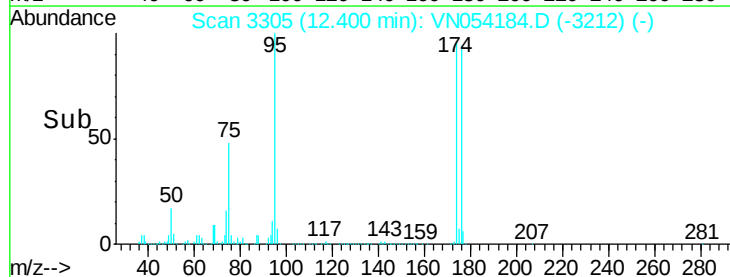
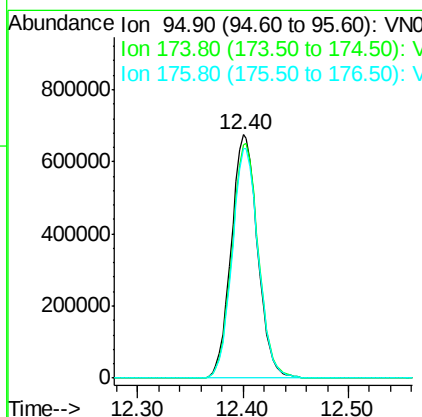
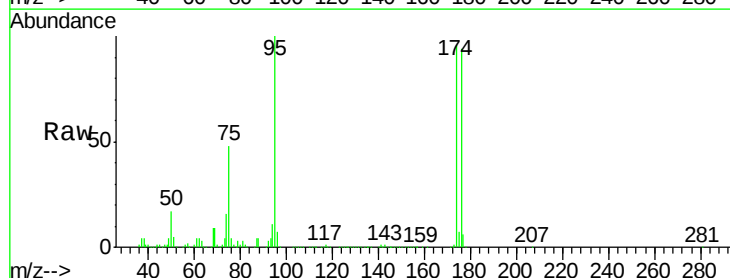
Instrument :
MSVOA_N
ClientSampleId :
C135-CON

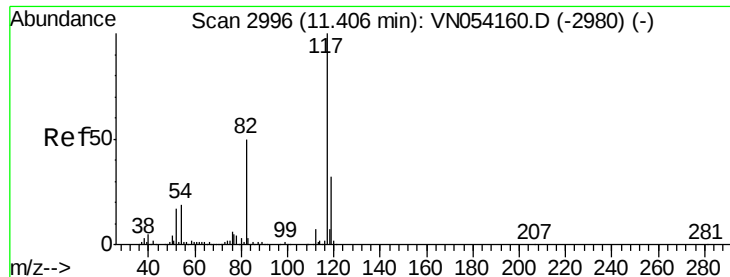
Tot Ion: 43 Resp: 338244
Ion Ratio Lower Upper
43 100
58 19.1 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 57.760 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion: 95 Resp: 1163175
Ion Ratio Lower Upper
95 100
174 96.9 0.0 191.0
176 94.0 0.0 187.4

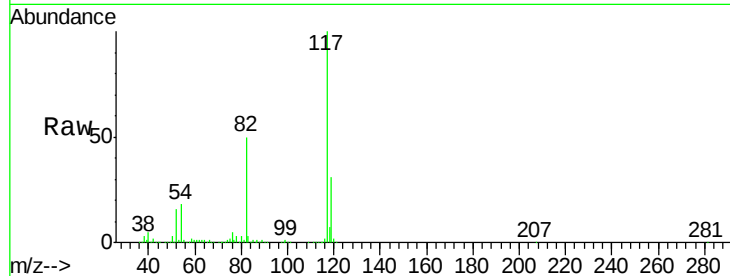




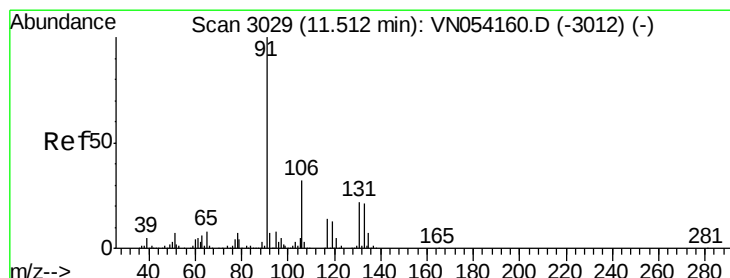
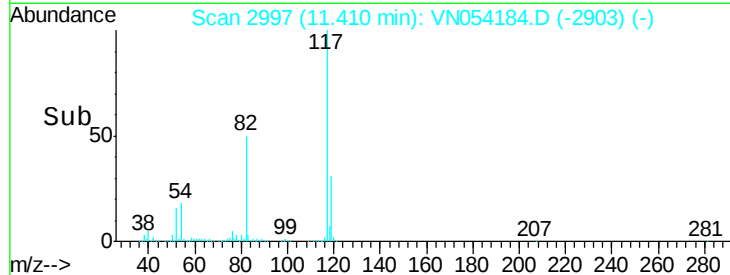
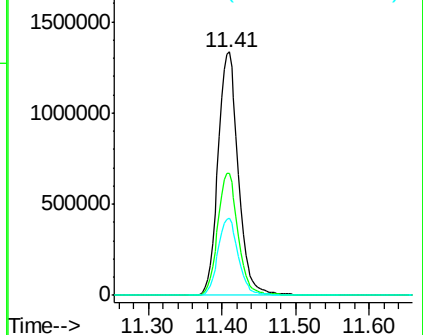
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Instrument :
MSVOA_N
ClientSampled :
C135-CON

Tot Ion:117 Resp: 2544497
Ion Ratio Lower Upper
117 100
82 49.9 40.0 60.0
119 31.5 25.8 38.6

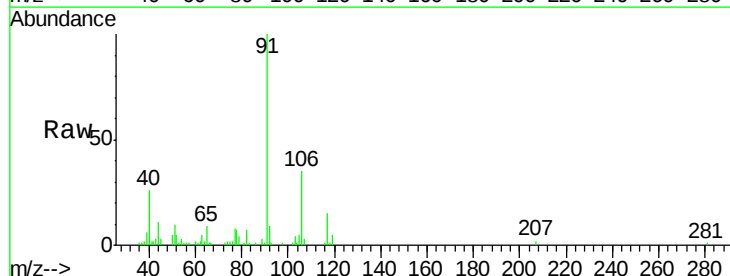


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

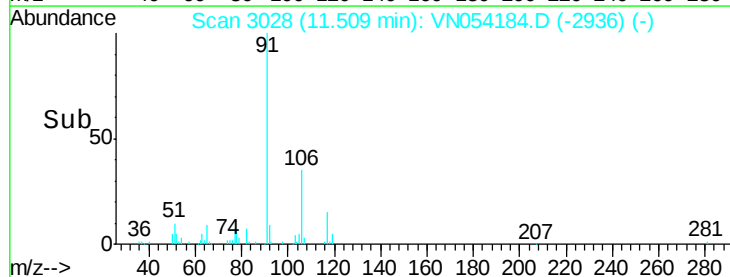
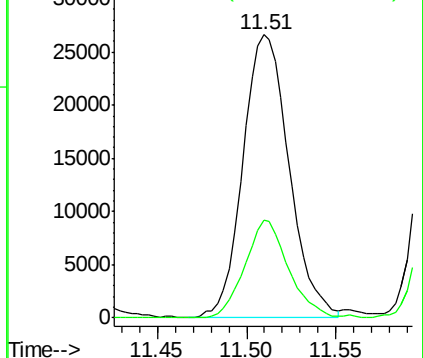


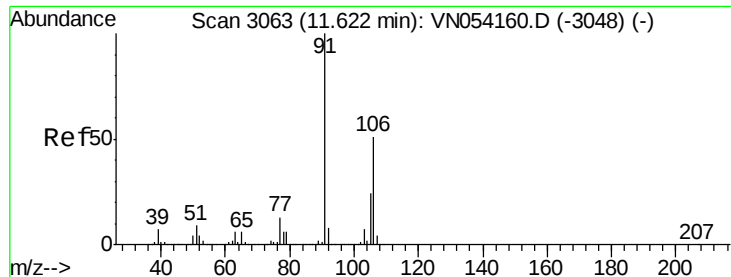
#67
Ethyl Benzene
Concen: 0.520 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion: 91 Resp: 48172
Ion Ratio Lower Upper
91 100
106 34.6 25.5 38.3



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

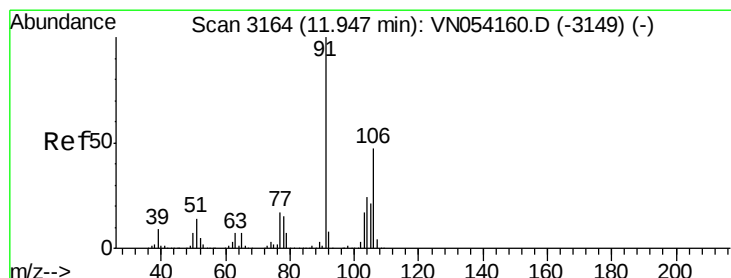
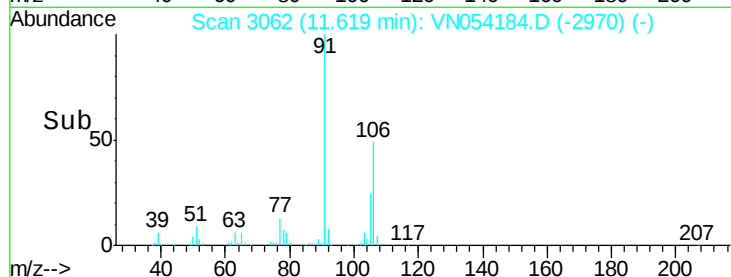
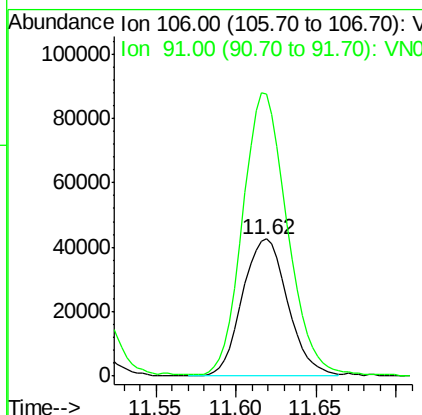
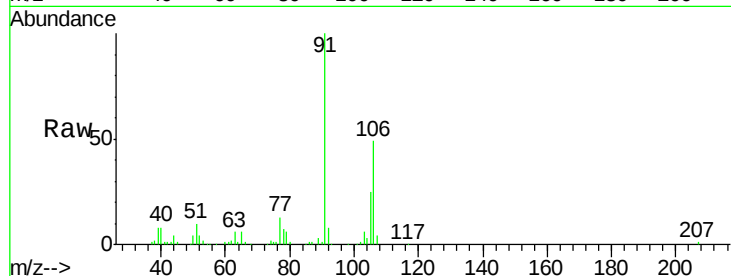




#68
m/p-Xylenes
Concen: 2.292 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

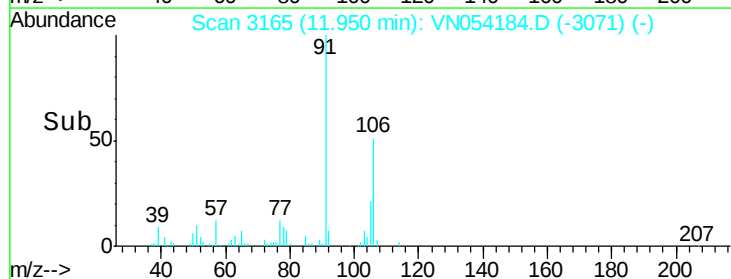
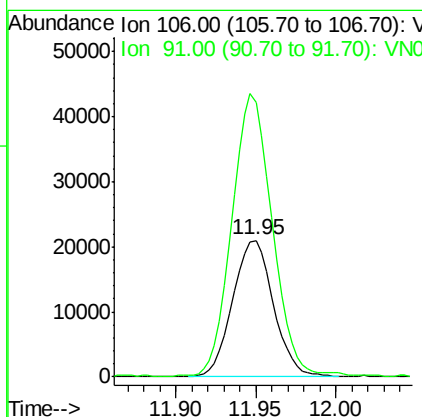
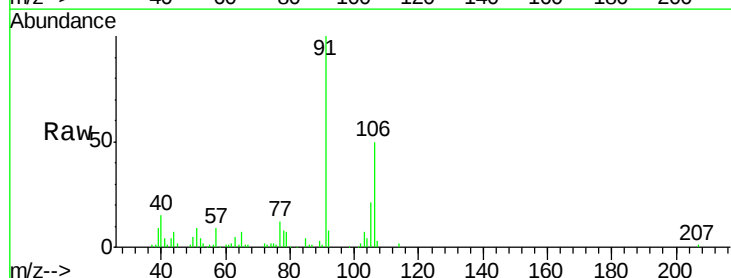
Instrument :
MSVOA_N
ClientSampled :
C135-CON

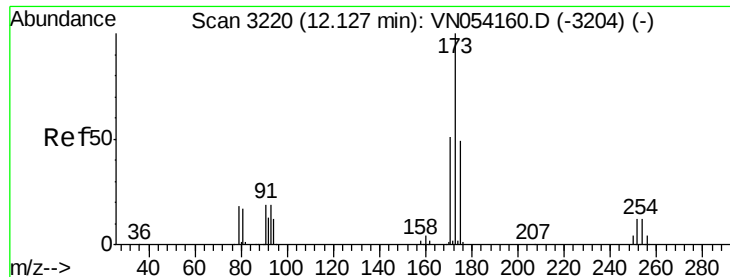
Tot Ion:106 Resp: 82978
Ion Ratio Lower Upper
106 100
91 202.6 159.4 239.2



#69
o-Xylene
Concen: 1.030 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Tgt Ion:106 Resp: 36363
Ion Ratio Lower Upper
106 100
91 206.7 105.7 317.1





#71

Bromoform

Concen: 2.816 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

C135-CON

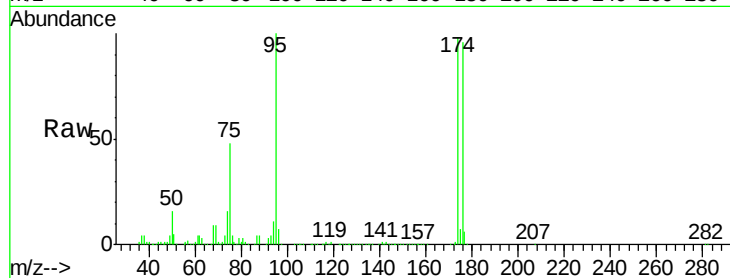
Tot Ion:173 Resp: 7551

Ion Ratio Lower Upper

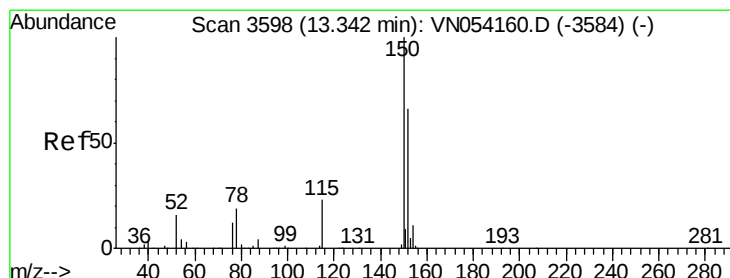
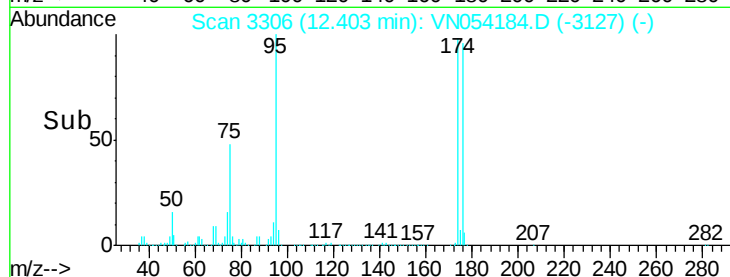
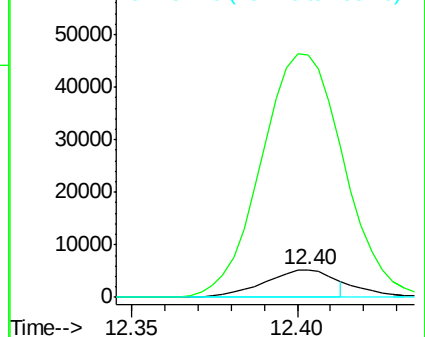
173 100

175 927.1 24.4 73.2#

254 0.0 0.1 0.1#



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: VN054184.D

Acq: 13 Mar 2019 1:16

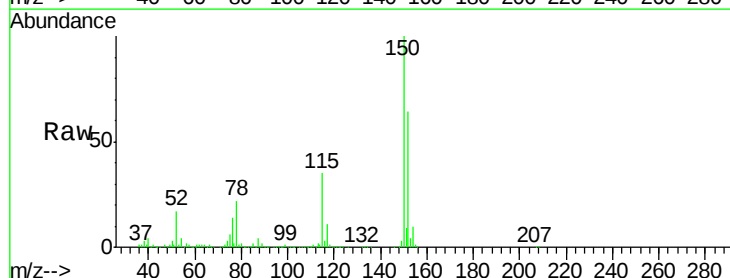
Tgt Ion:152 Resp: 1135258

Ion Ratio Lower Upper

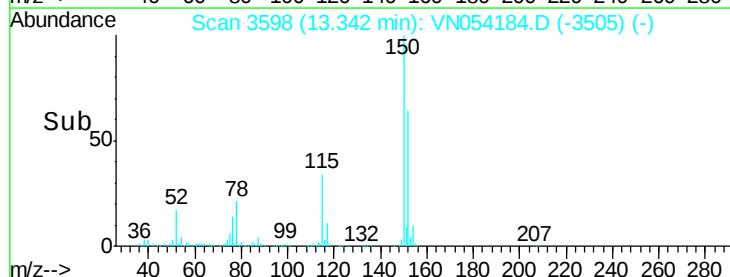
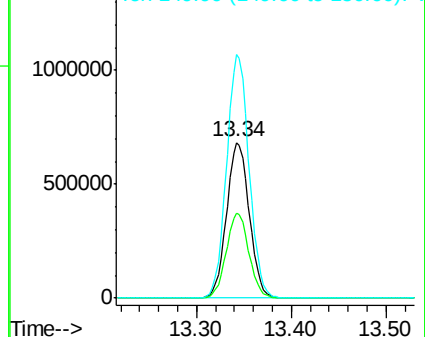
152 100

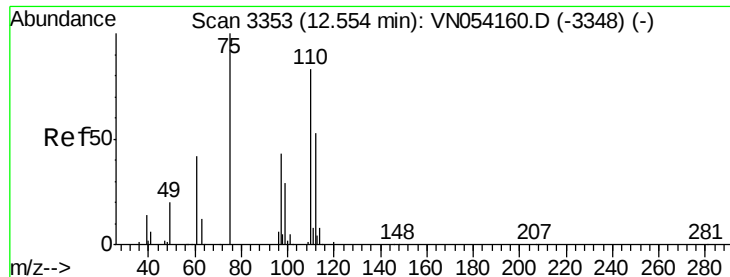
115 54.5 27.2 81.6

150 155.2 0.0 349.2



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

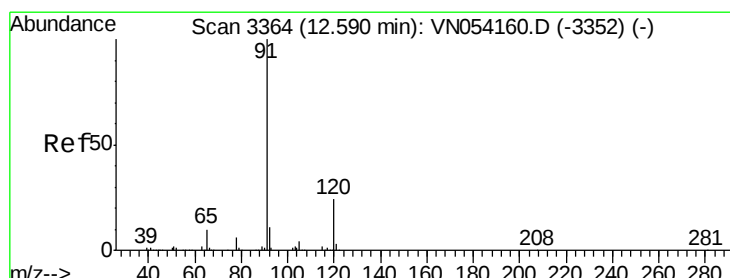
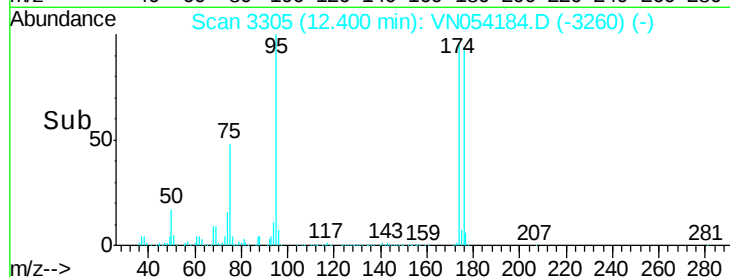
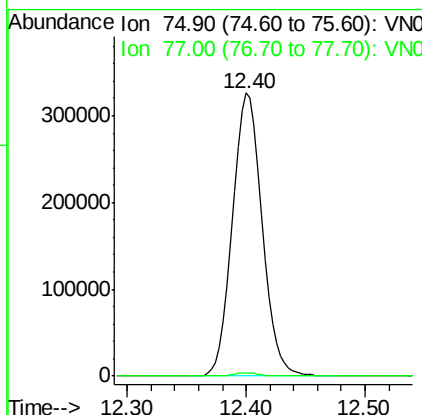
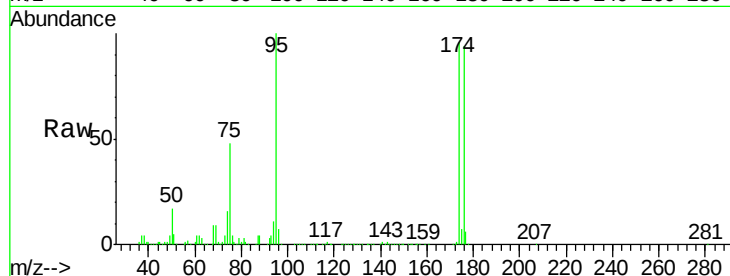




#76
 1,2,3-Trichloropropane
 Concen: 33.792 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054184.D
 Acq: 13 Mar 2019 1:16

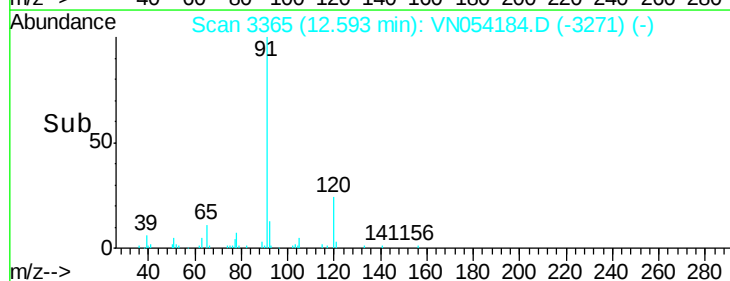
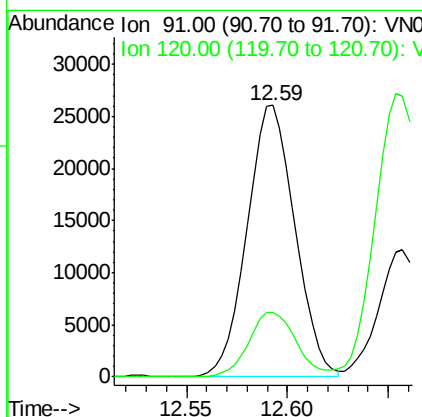
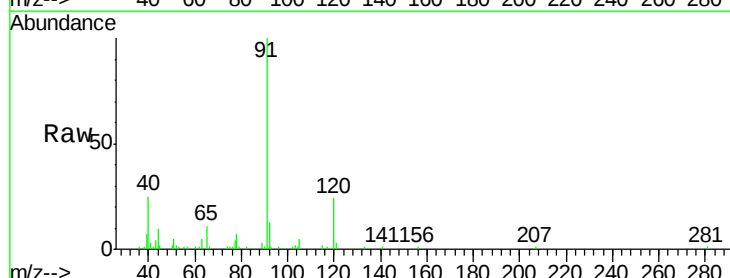
Instrument :
 MSVOA_N
 ClientSampleId :
 C135-CON

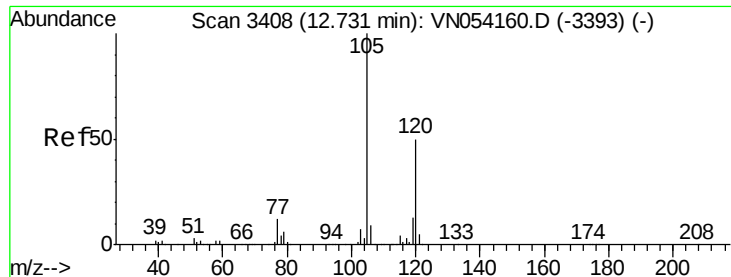
Tot Ion: 75 Resp: 564147
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.439 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN054184.D
 Acq: 13 Mar 2019 1:16

Tgt Ion: 91 Resp: 43254
 Ion Ratio Lower Upper
 91 100
 120 23.4 12.3 36.9





#80

1,3,5-Trimethylbenzene

Concen: 1.243 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

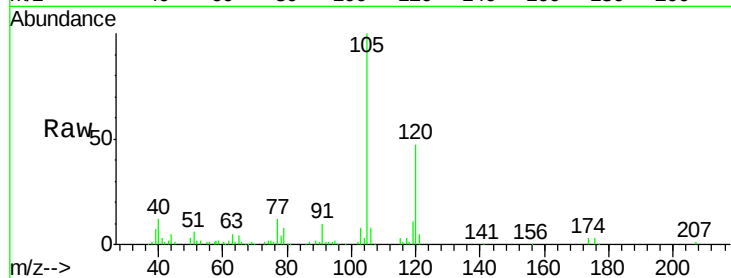
C135-CON

Tot Ion:105 Resp: 93912

Ion Ratio Lower Upper

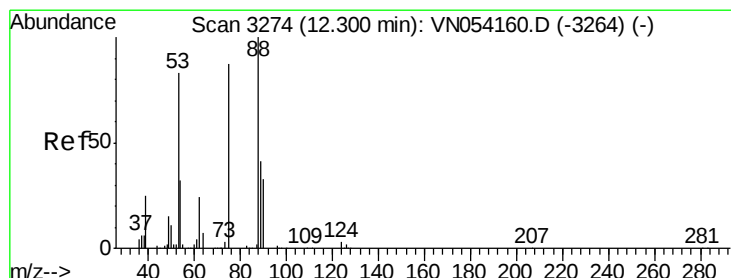
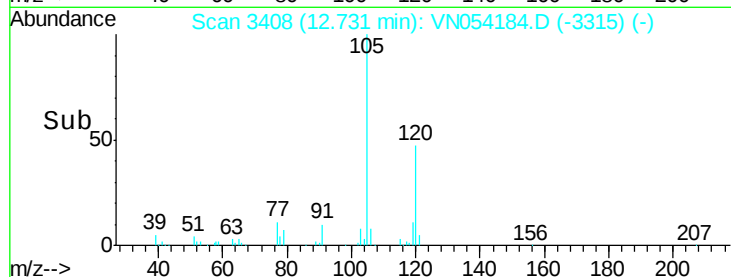
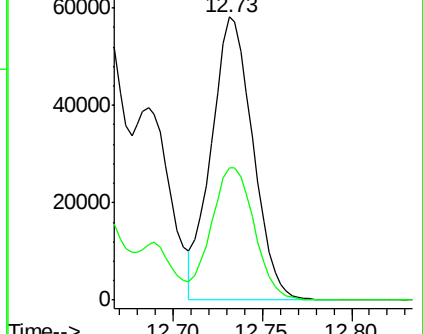
105 100

120 48.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 115.518 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

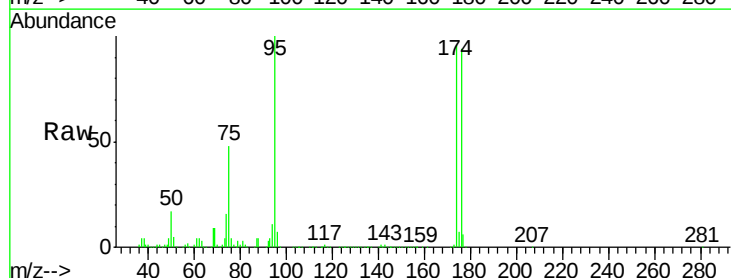
Tgt Ion: 75 Resp: 564147

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

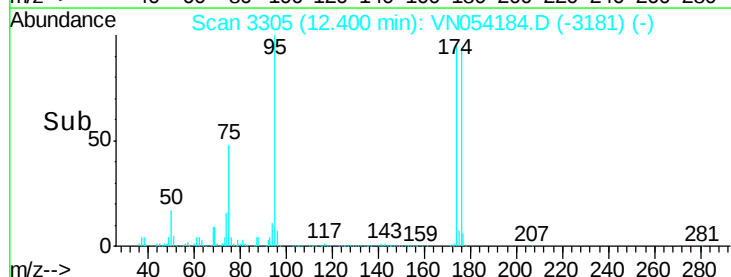
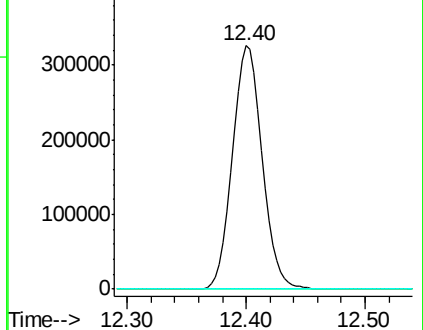
89 0.0 39.2 58.8#

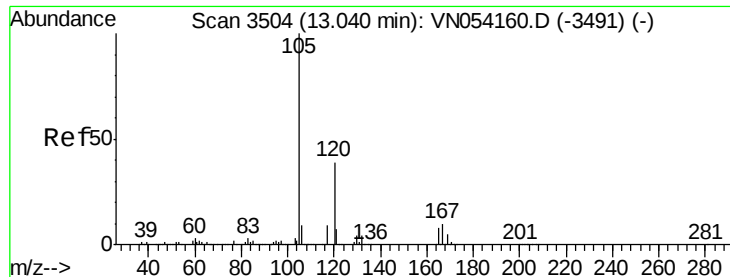


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 3.835 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

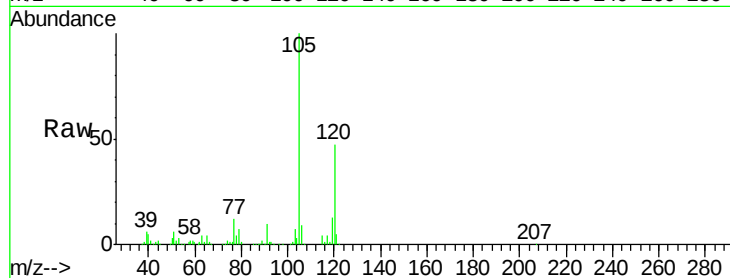
C135-CON

Tot Ion:105 Resp: 284206

Ion Ratio Lower Upper

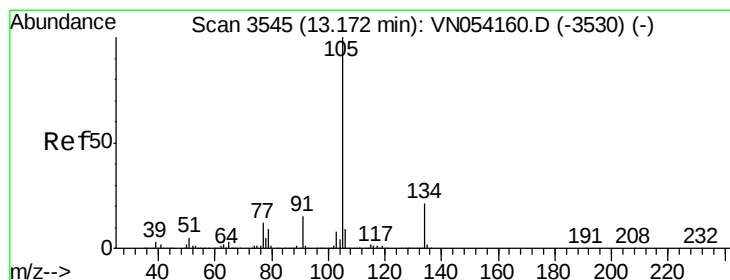
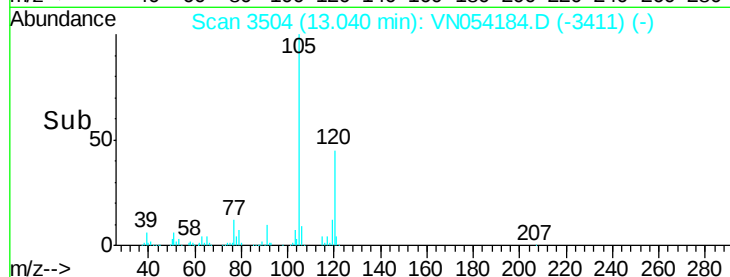
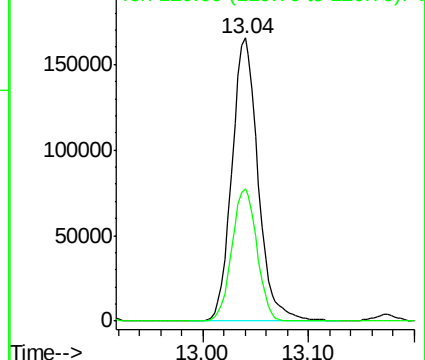
105 100

120 44.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 3.151 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054184.D

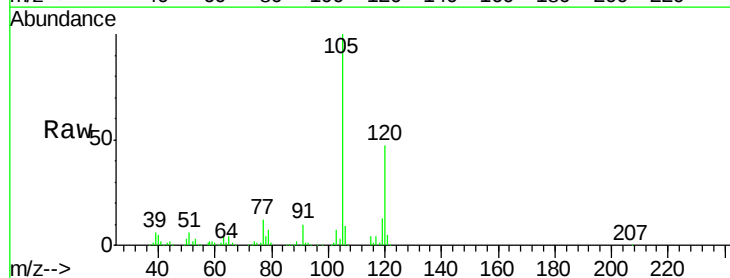
Acq: 13 Mar 2019 1:16

Tgt Ion:105 Resp: 284206

Ion Ratio Lower Upper

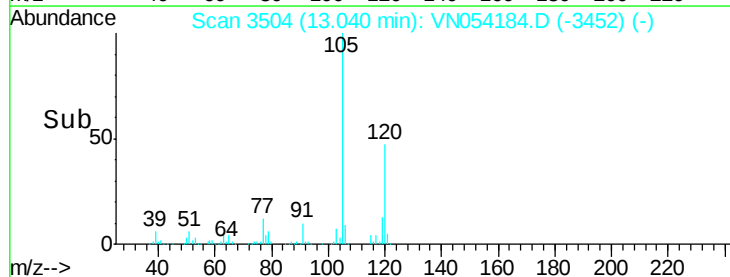
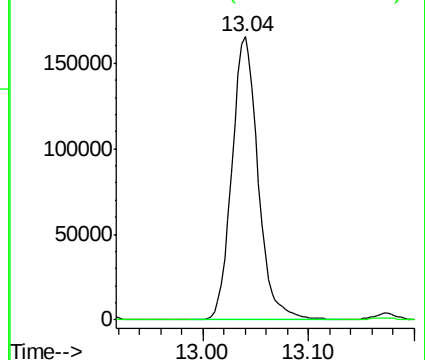
105 100

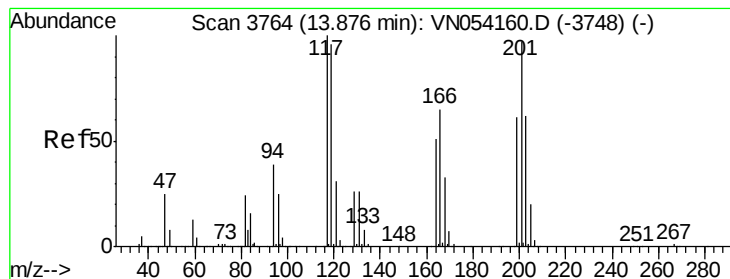
134 0.0 10.7 32.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.321 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

Instrument :

MSVOA_N

ClientSampleId :

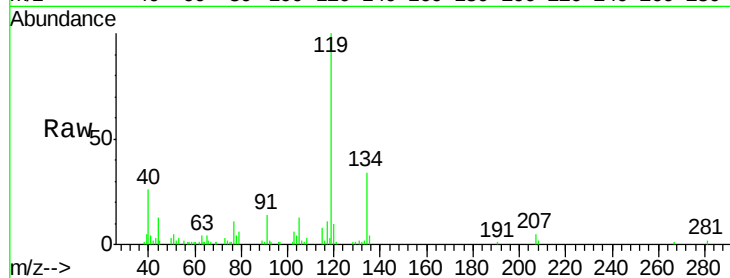
C135-CON

Tot Ion:117 Resp: 4209

Ion Ratio Lower Upper

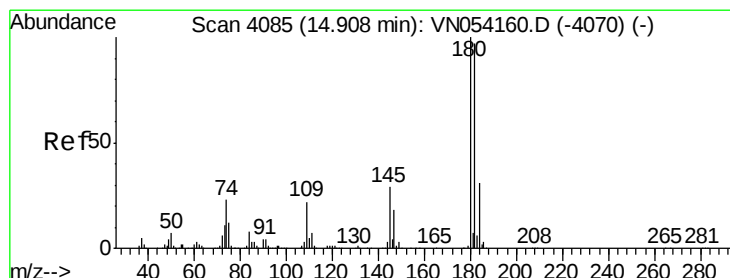
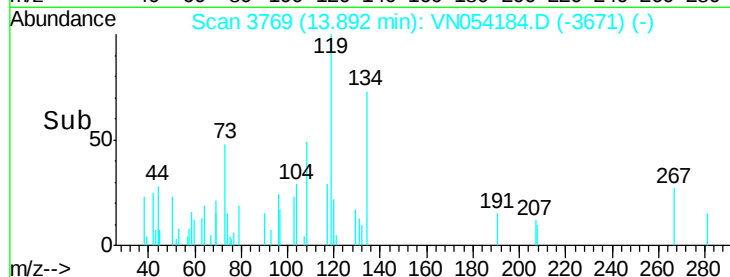
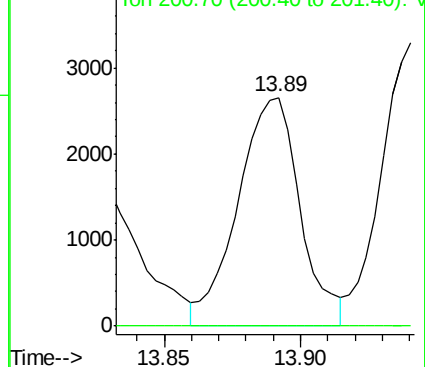
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.665 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054184.D

Acq: 13 Mar 2019 1:16

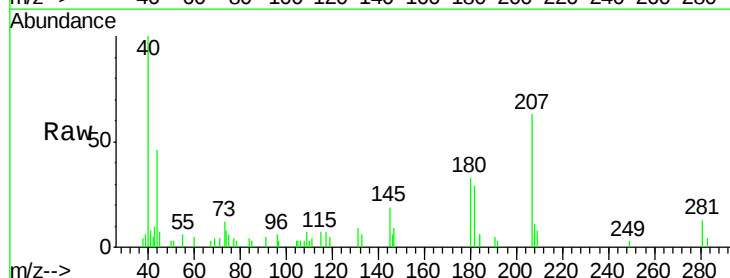
Tgt Ion:180 Resp: 3744

Ion Ratio Lower Upper

180 100

182 81.8 48.0 144.2

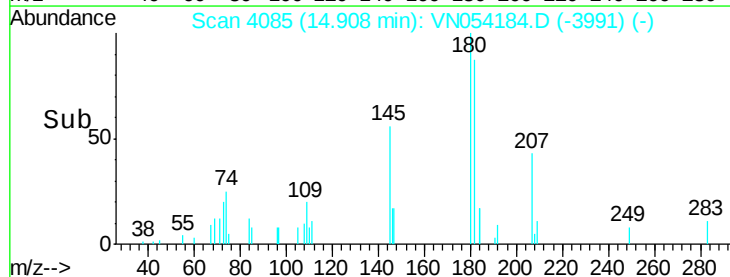
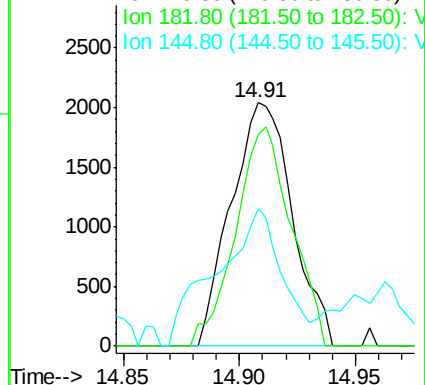
145 60.9 14.2 42.8#

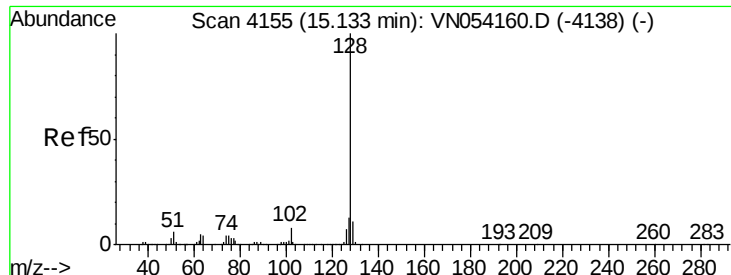


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

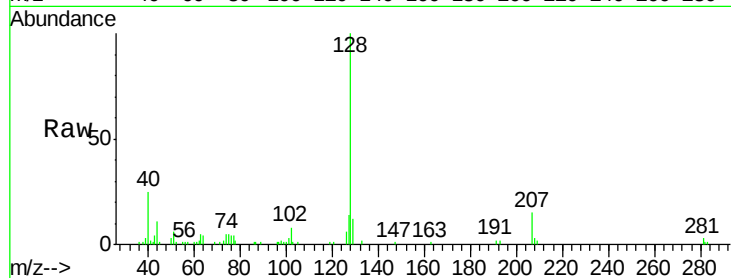




#95
Naphthalene
Concen: 4.357 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054184.D
Acq: 13 Mar 2019 1:16

Instrument :
MSVOA_N
ClientSampleId :
C135-CON

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	11.2	8.7	13.1



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

