

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053801.D
 Acq On : 15 Feb 2019 15:45
 Operator : JC/SP
 Sample : K1501-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 23:25:23 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	667984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1100101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	999429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	373977	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	356045	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.59	113	347877	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.09	98	1414495	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.40	95	421136	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	

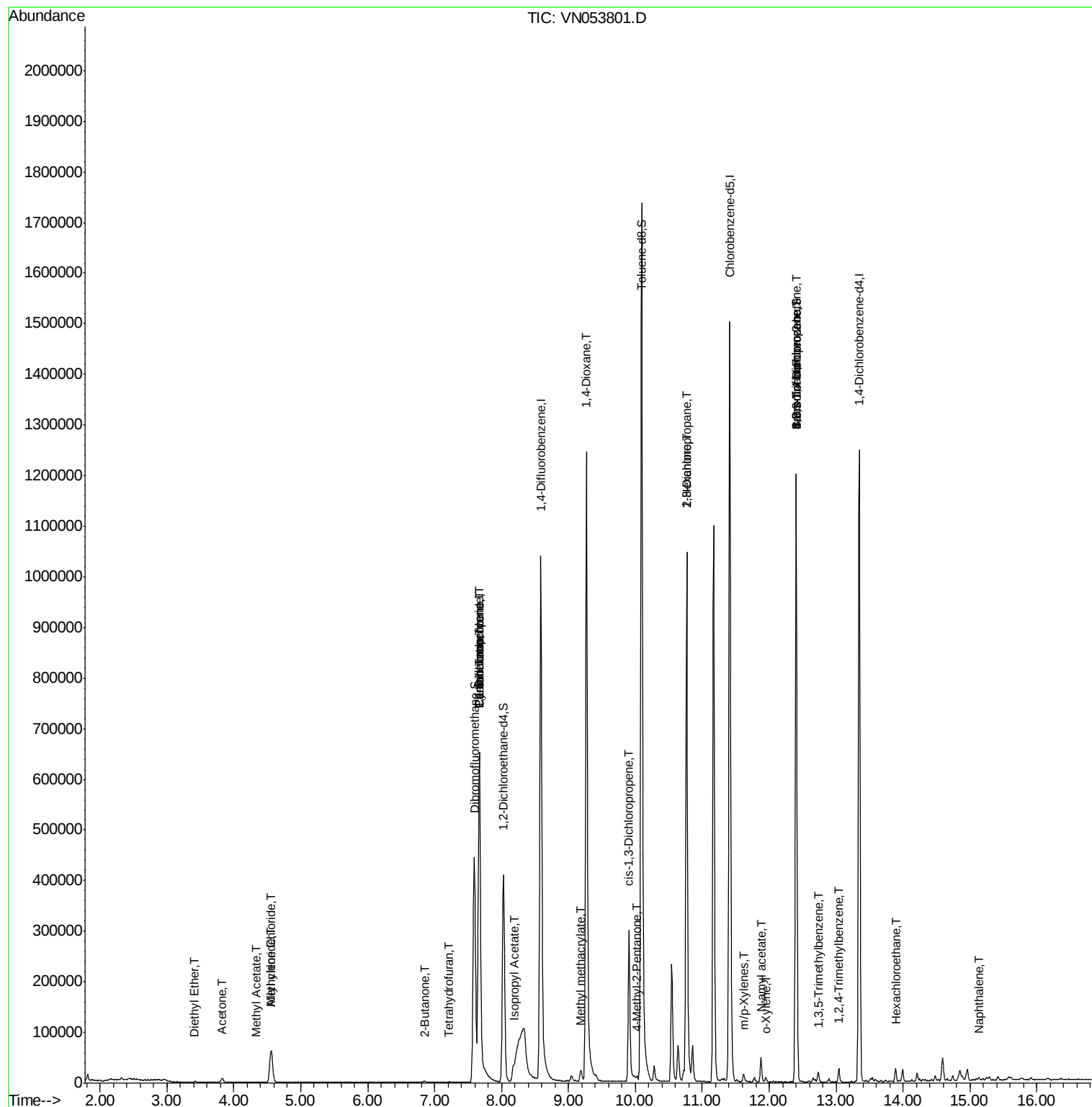
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.42	74	774	0.203	ug/l	89
14) Allyl chloride	4.56	41	1987	0.202	ug/l #	27
16) Acetone	3.82	43	14027	8.161	ug/l	94
18) Methyl Acetate	4.34	43	2610	0.513	ug/l #	86
20) Methylene Chloride	4.56	84	51001	7.072	ug/l	98
25) 2-Butanone	6.86	43	3575	1.458	ug/l	96
29) Tetrahydrofuran	7.21	42	889	0.565	ug/l	97
31) Cyclohexane	7.67	56	8954	0.623	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38255	3.858	ug/l #	49
38) Carbon Tetrachloride	7.67	117	52291	5.234	ug/l #	16
43) Isopropyl Acetate	8.18	43	32732	3.060	ug/l #	81
48) Methyl methacrylate	9.18	41	9017	1.766	ug/l #	12
49) 1,4-Dioxane	9.27	88	208	41.800	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	7764	1.477	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	63768	5.482	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	11850	1.060	ug/l #	43
59) 2-Hexanone	10.76	43	157272	44.076	ug/l #	50
68) m/p-Xylenes	11.62	106	5396	0.405	ug/l	97
69) o-Xylene	11.95	106	2573	0.200	ug/l	97
71) Bromoform	12.40	173	2803	0.551	ug/l #	1
74) N-amyl acetate	11.88	43	14719	2.328	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	192369	40.048	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9905	0.454	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	192369	112.611	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	16457	0.741	ug/l	99
90) Hexachloroethane	13.89	117	1403	0.371	ug/l #	3
95) Naphthalene	15.13	128	5328	2.049	ug/l	97

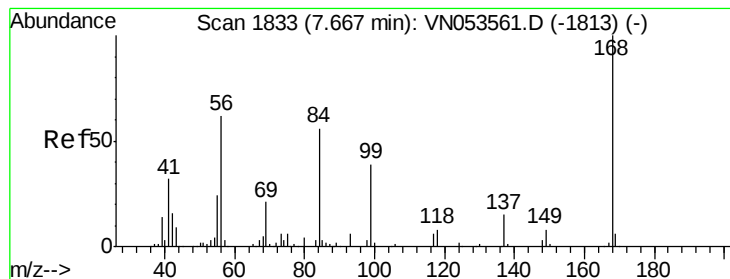
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
Data File : VN053801.D
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MSVOA_N
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

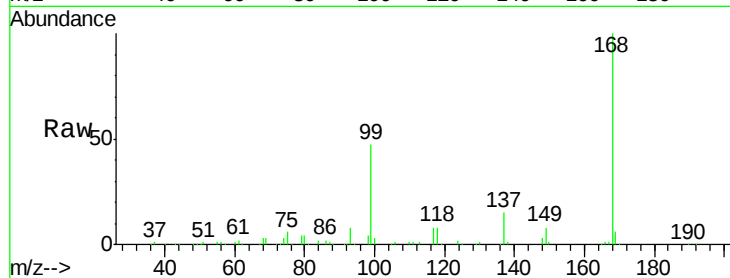
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 667984

Ion Ratio Lower Upper

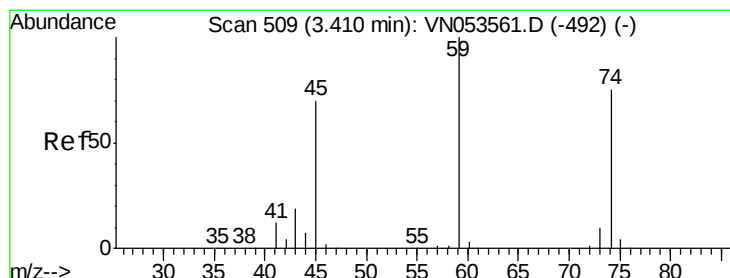
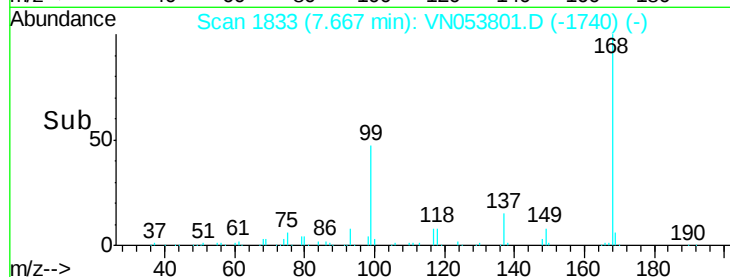
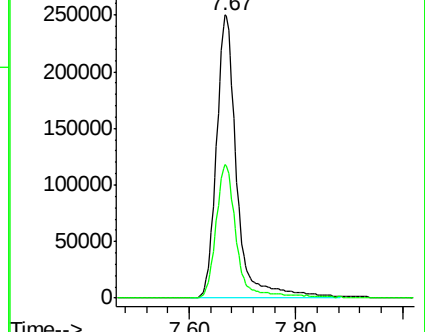
168 100

99 47.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053561.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053561.D (-1813) (-)



#8

Diethyl Ether

Concen: 0.203 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.01 min

Lab File: VN053801.D

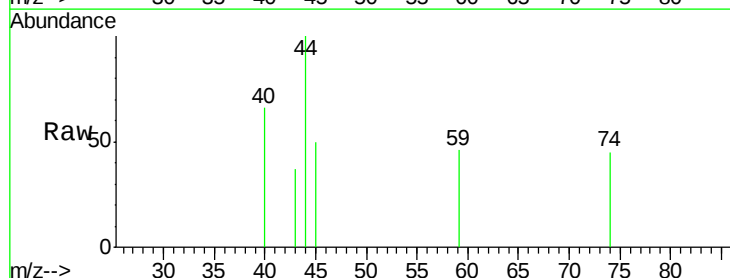
Acq: 15 Feb 2019 15:45

Tgt Ion: 74 Resp: 774

Ion Ratio Lower Upper

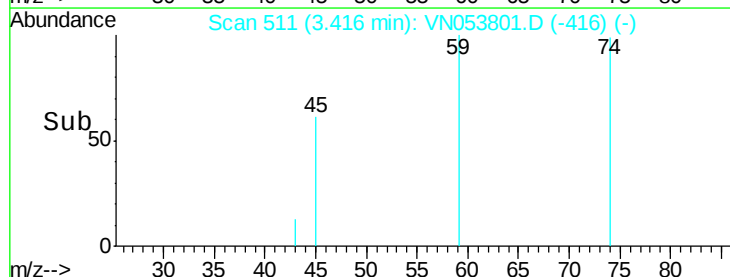
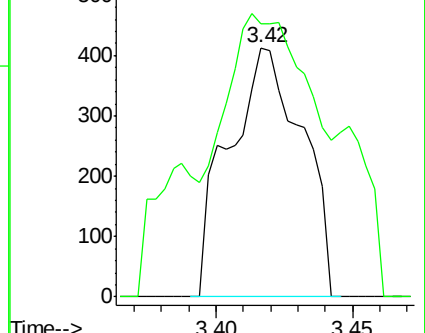
74 100

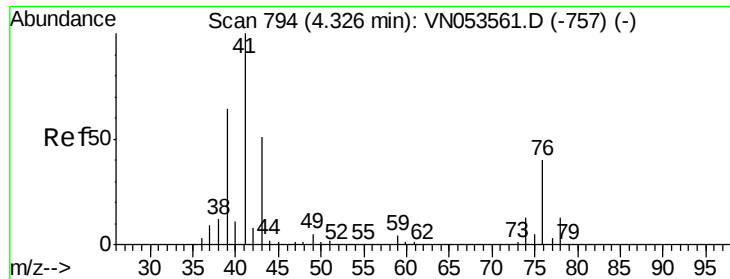
45 84.6 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VN053561.D (-492) (-)

Ion 45.00 (44.70 to 45.70): VN053561.D (-492) (-)

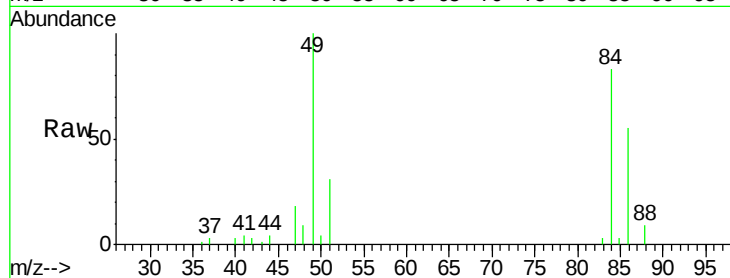




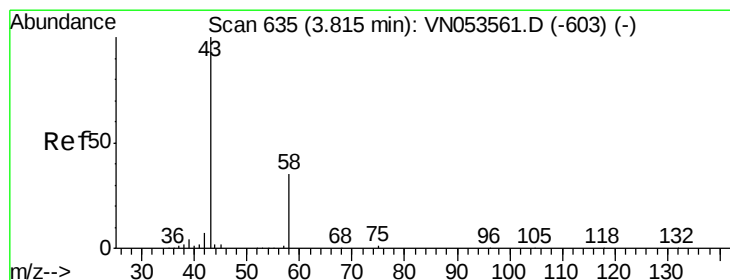
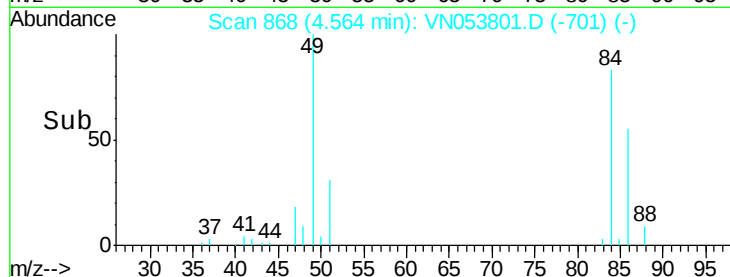
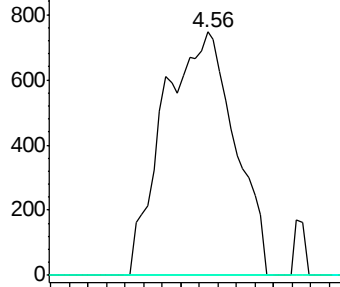
#14
Allvl chloride
Concen: 0.202 ug/l
RT: 4.56 min Scan# 868
Delta R.T. 0.24 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 1987
Ion Ratio Lower Upper
41 100
39 0.0 48.9 73.3#
76 0.0 29.4 44.2#

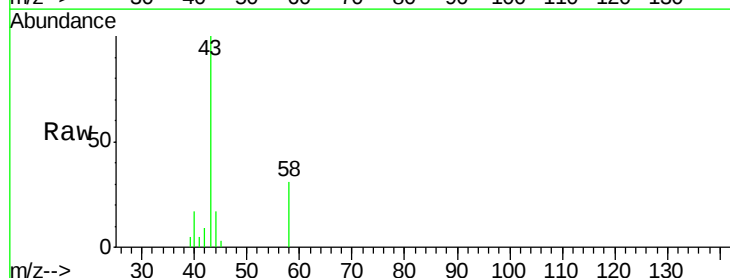


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 75.90 (75.60 to 76.60): VNC

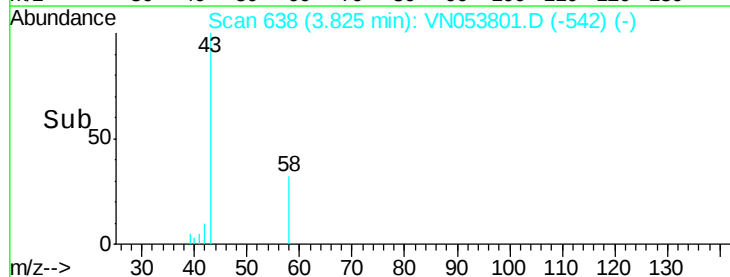
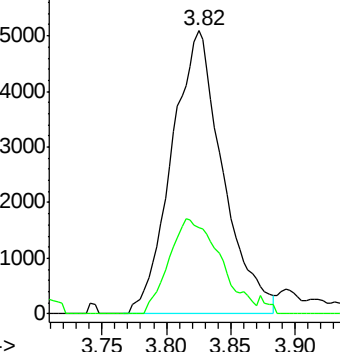


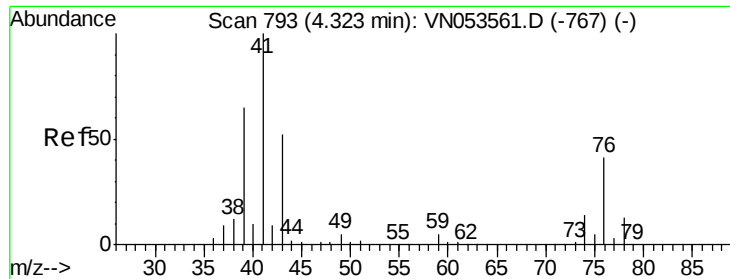
#16
Acetone
Concen: 8.161 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

Tgt Ion: 43 Resp: 14027
Ion Ratio Lower Upper
43 100
58 30.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC

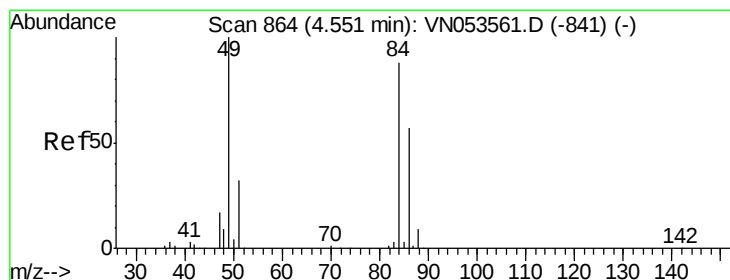
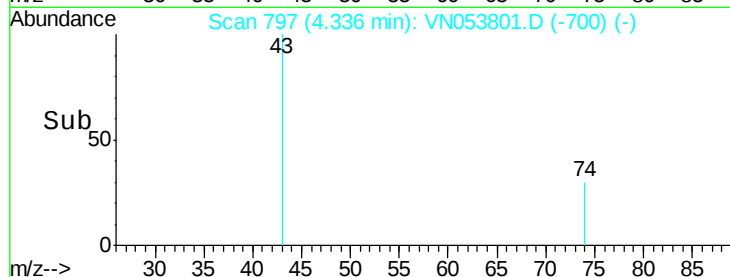
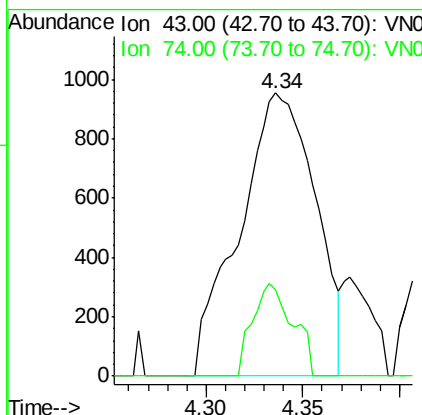
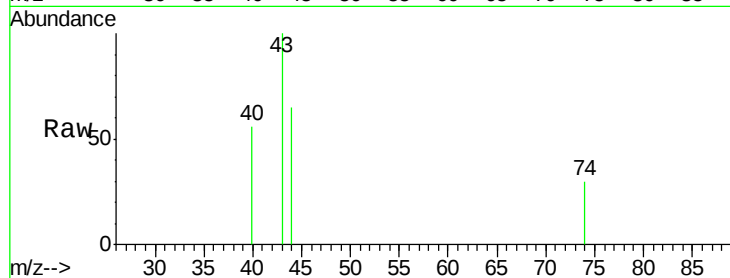




#18
Methyl Acetate
Concen: 0.513 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

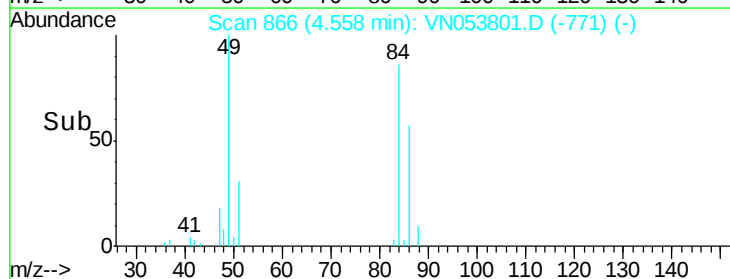
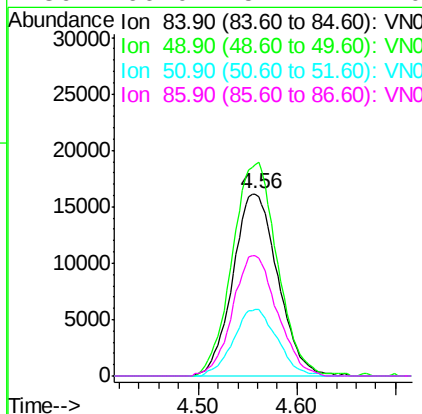
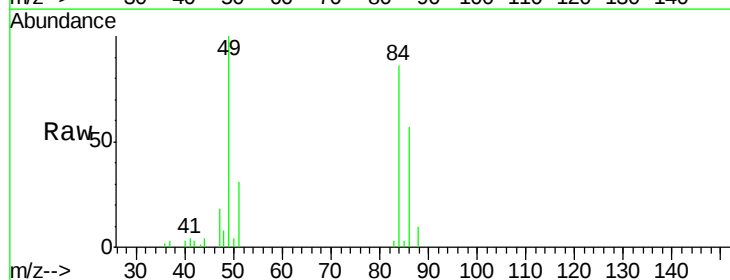
Instrument :
MSVOA_N
ClientSampleId :

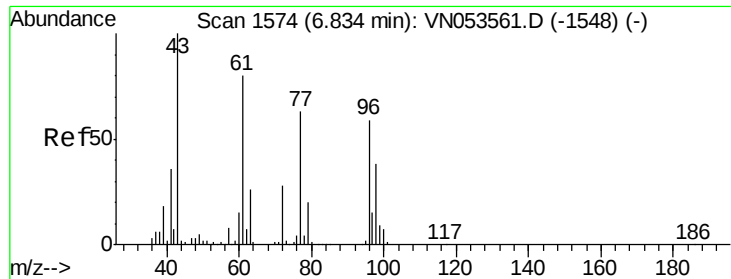
Tot Ion: 43 Resp: 2610
Ion Ratio Lower Upper
43 100
74 17.3 19.4 29.2#



#20
Methylene Chloride
Concen: 7.072 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

Tgt Ion: 84 Resp: 51001
Ion Ratio Lower Upper
84 100
49 116.3 94.3 141.5
51 36.2 29.4 44.2
86 66.0 51.4 77.0

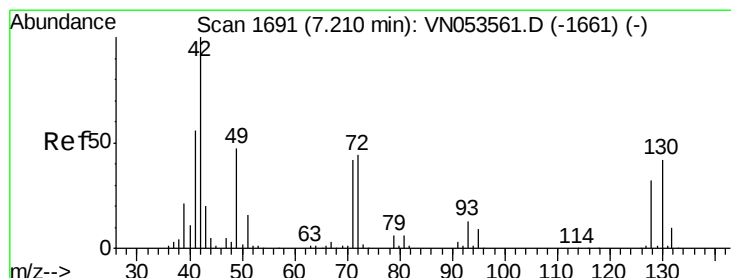
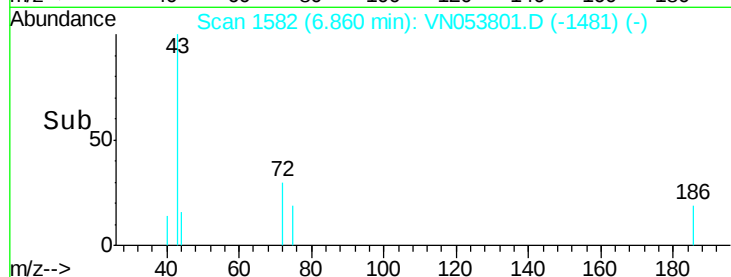
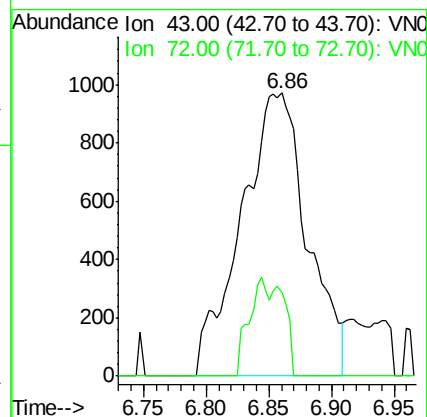
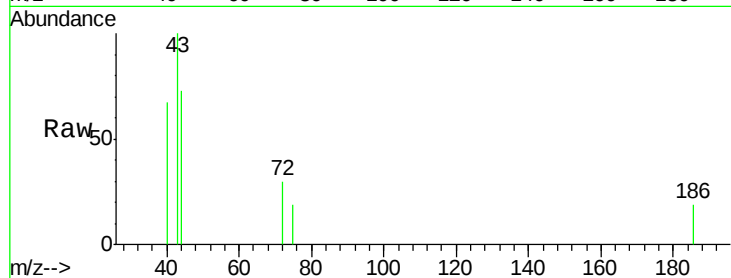




#25
2-Butanone
Concen: 1.458 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.03 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

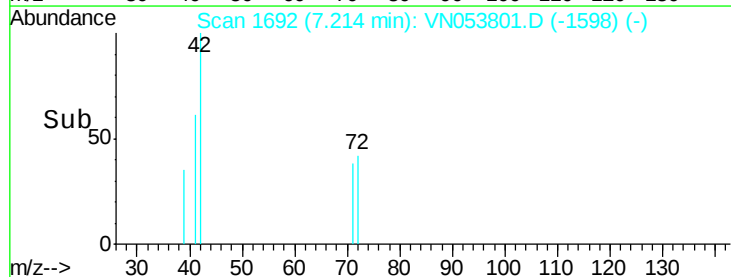
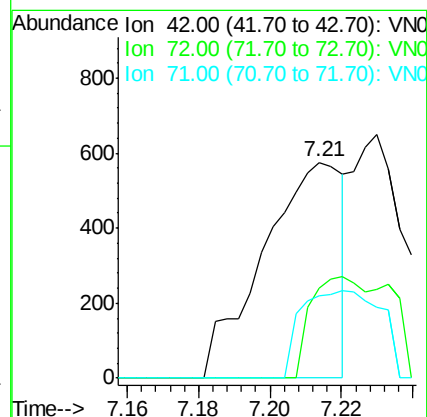
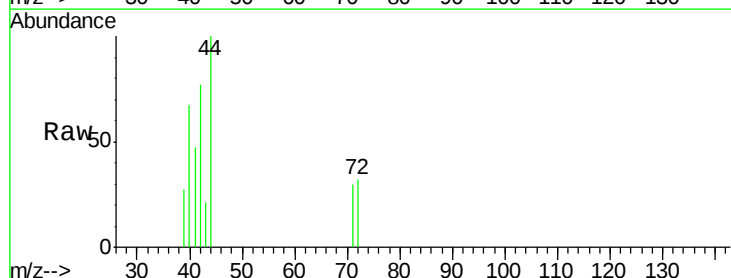
Instrument :
MSVOA_N
ClientSampled :

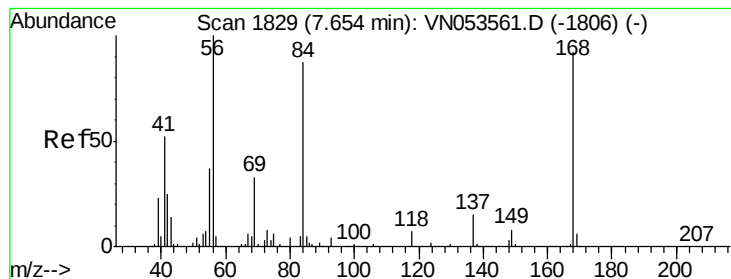
Tot Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
72 29.6 22.0 33.0



#29
Tetrahydrofuran
Concen: 0.565 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

Tgt Ion: 42 Resp: 889
Ion Ratio Lower Upper
42 100
72 46.7 35.2 52.8
71 40.4 33.0 49.4





#31

Cyclohexane

Concen: 0.623 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampled :

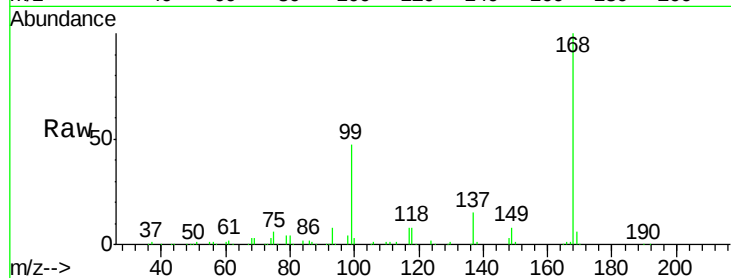
Tot Ion: 56 Resp: 8954

Ion Ratio Lower Upper

56 100

69 203.8 26.4 39.6#

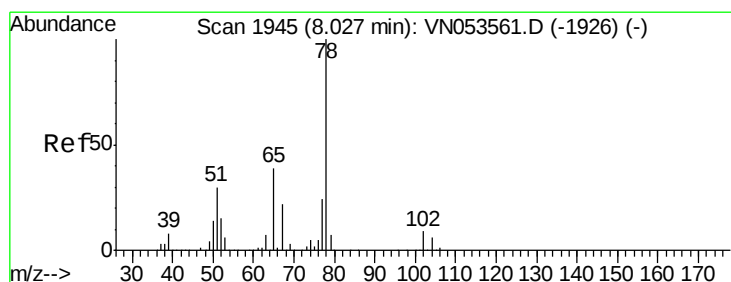
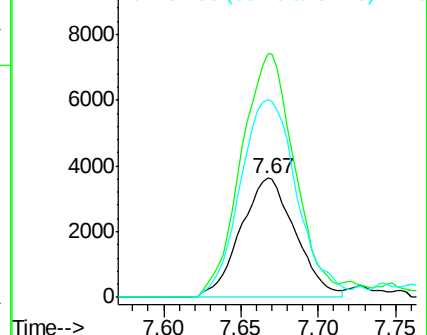
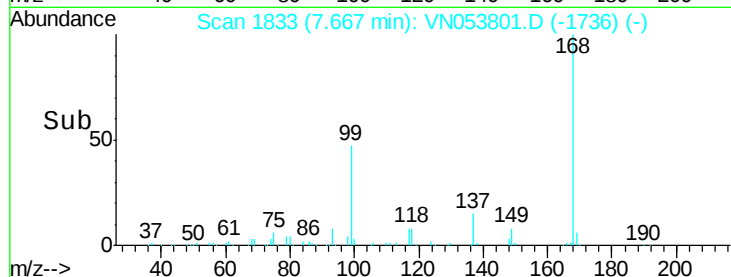
84 165.7 67.9 101.9#



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: 53.132 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053801.D

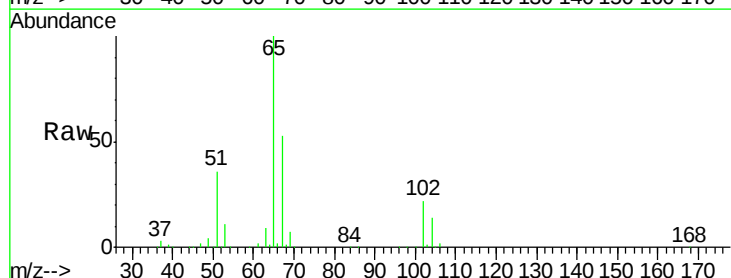
Acq: 15 Feb 2019 15:45

Tgt Ion: 65 Resp: 356045

Ion Ratio Lower Upper

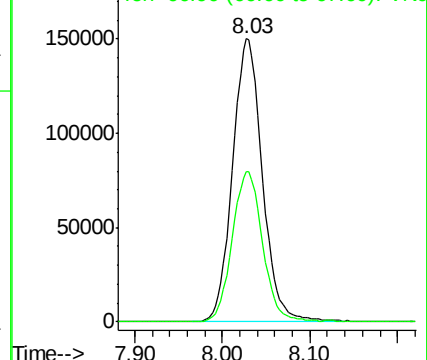
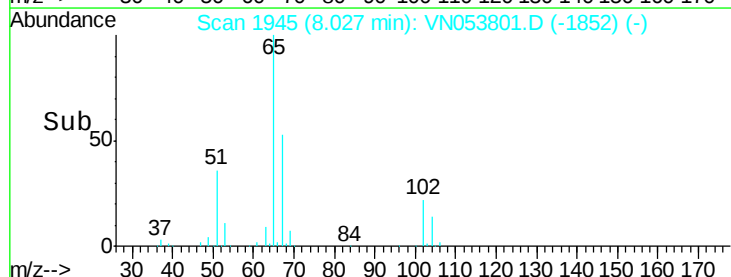
65 100

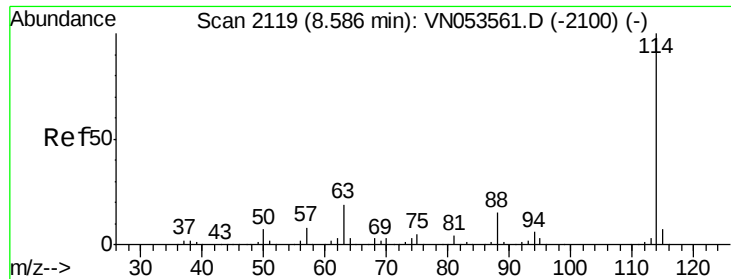
67 53.9 0.0 111.2



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: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

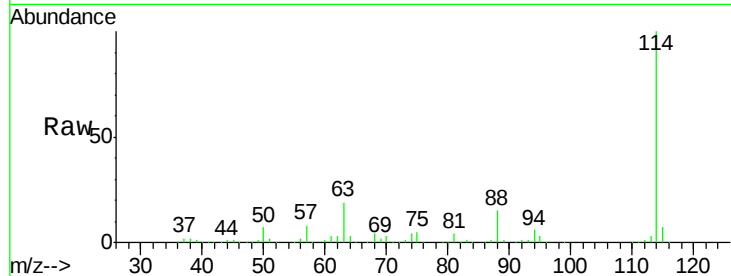
Tot Ion:114 Resp: 1100101

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

88 15.2 0.0 30.4



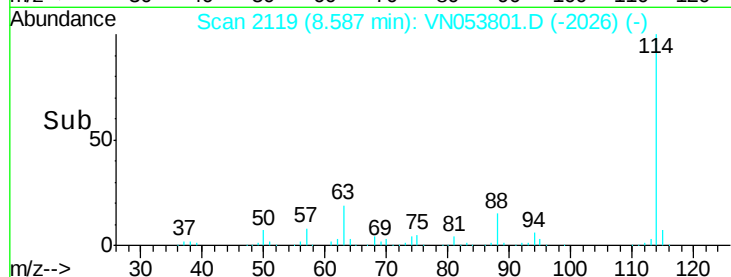
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

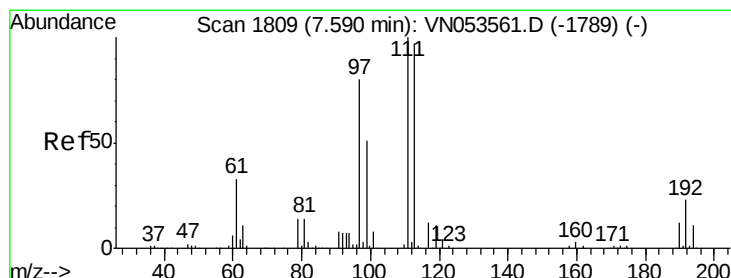
Ion 87.90 (87.60 to 88.60): VN

8.59

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 50.045 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

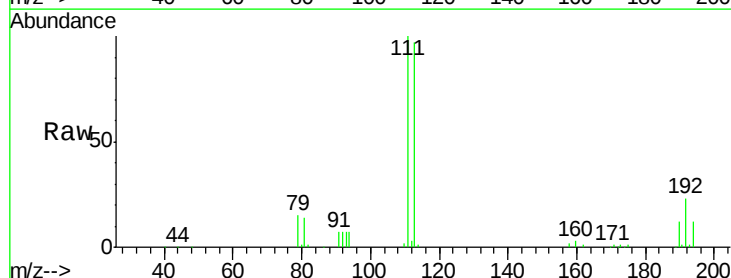
Tgt Ion:113 Resp: 347877

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

192 23.7 18.2 27.2



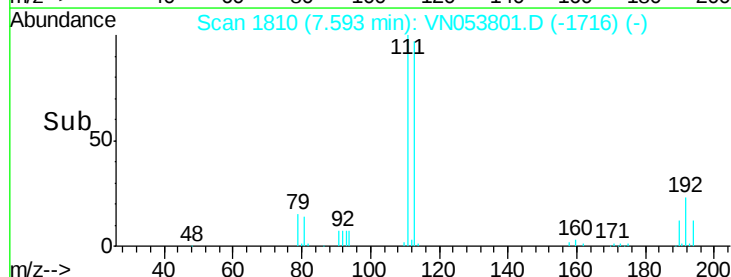
Abundance Ion 112.80 (112.50 to 113.50): V

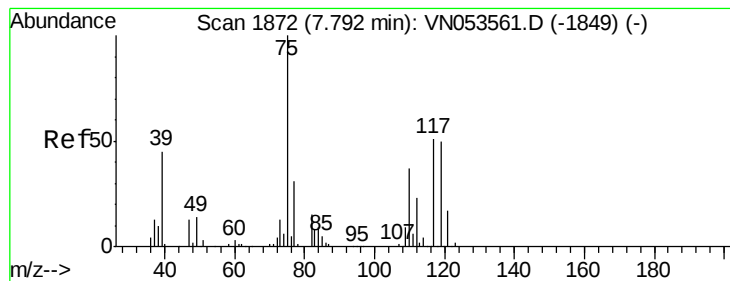
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.59

Time-->





#36

1,1-Dichloropropene

Concen: 3.858 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

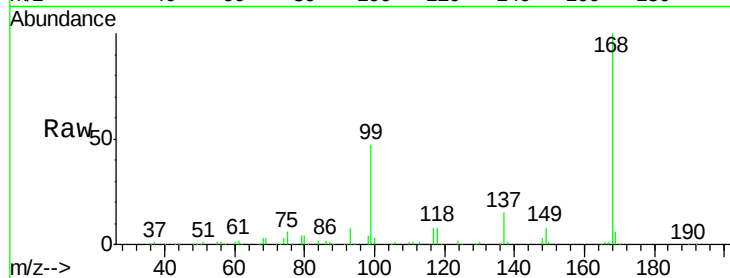
Tot Ion: 75 Resp: 38255

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.3#

77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN053801.D (-1773) (-)

Ion 109.90 (109.60 to 110.60): VN053801.D (-1773) (-)

Ion 76.90 (76.60 to 77.60): VN053801.D (-1773) (-)

7.67

15000

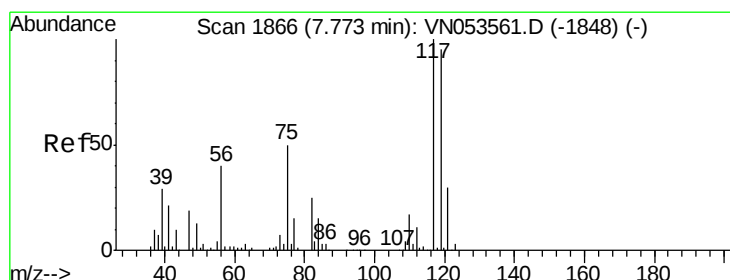
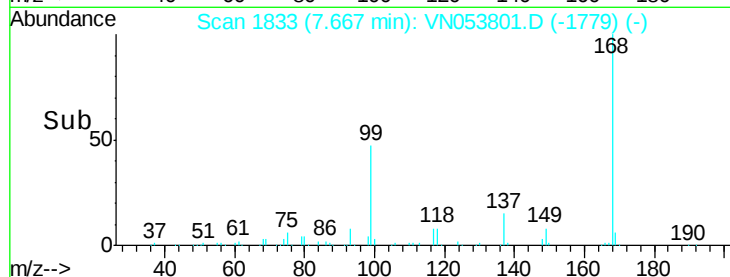
10000

5000

0

7.60 7.65 7.70 7.75

Time-->



#38

Carbon Tetrachloride

Concen: 5.234 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

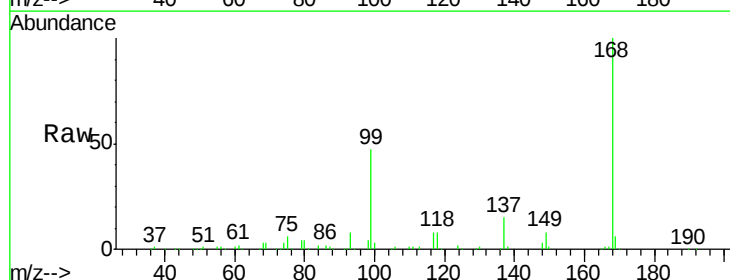
Tgt Ion: 117 Resp: 52291

Ion Ratio Lower Upper

117 100

119 5.8 77.2 115.8#

121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): VN053801.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053801.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053801.D (-1773) (-)

7.67

25000

20000

15000

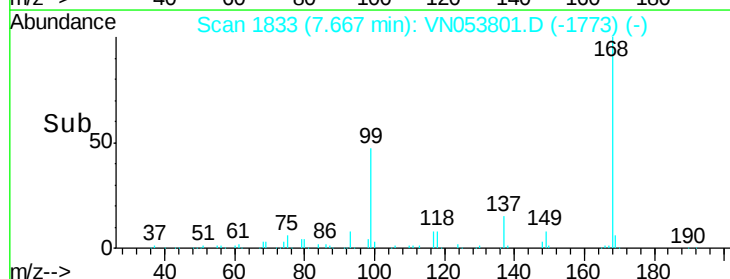
10000

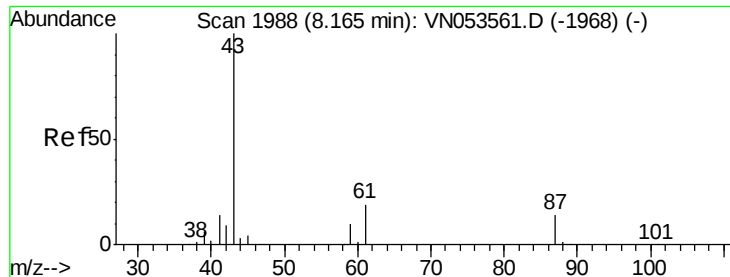
5000

0

7.60 7.65 7.70 7.75

Time-->





#43

Isopropyl Acetate

Concen: 3.060 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampled :

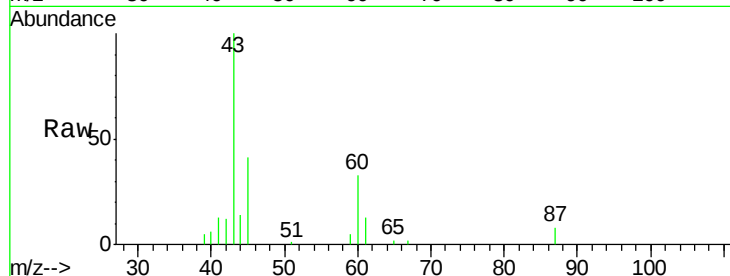
Tot Ion: 43 Resp: 32732

Ion Ratio Lower Upper

43 100

61 17.0 23.9 35.9#

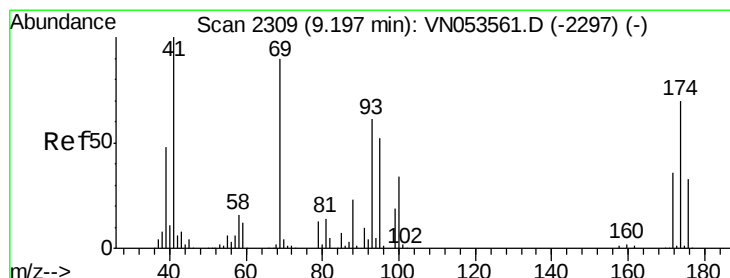
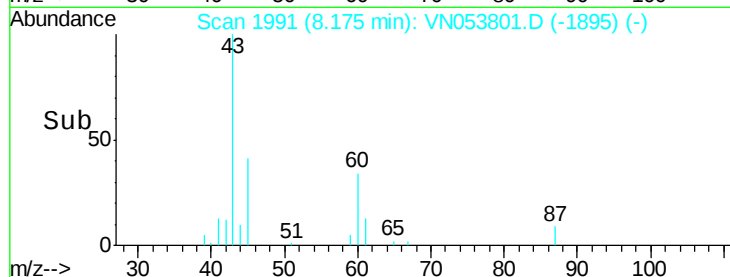
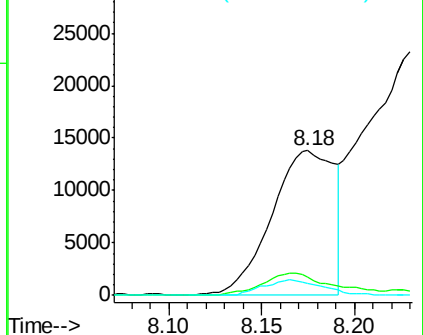
87 10.0 11.0 16.6#



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



#48

Methyl methacrylate

Concen: 1.766 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

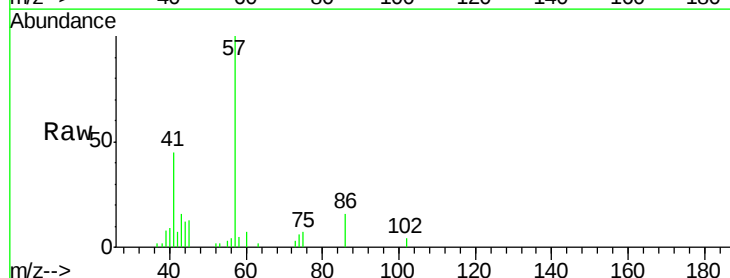
Tgt Ion: 41 Resp: 9017

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

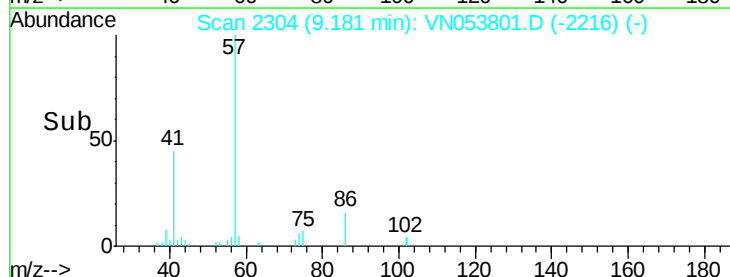
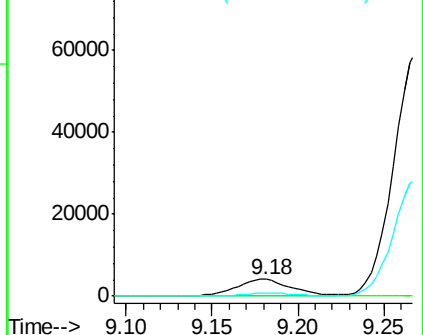
39 0.0 40.0 60.0#

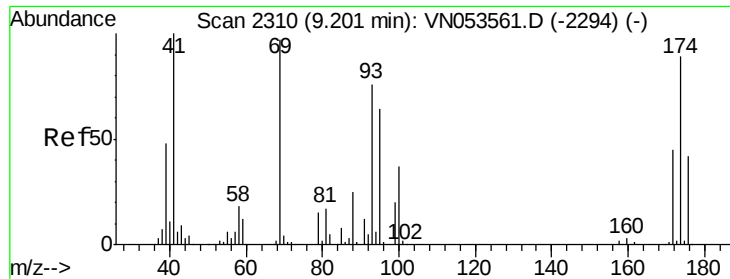


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 41.800 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

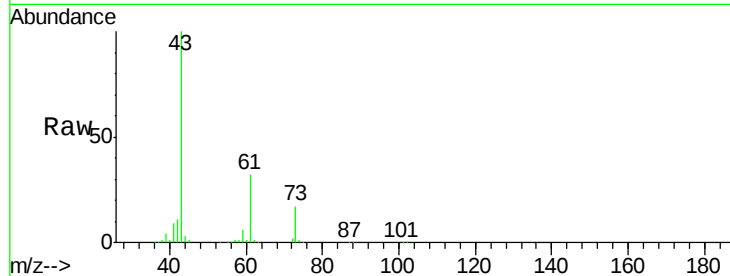
Tot Ion: 88 Resp: 208

Ion Ratio Lower Upper

88 100

43 636618.8 27.8 41.6#

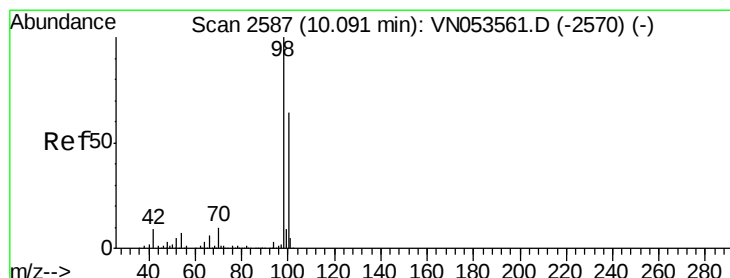
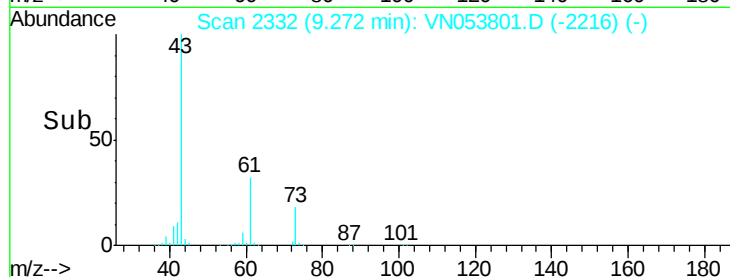
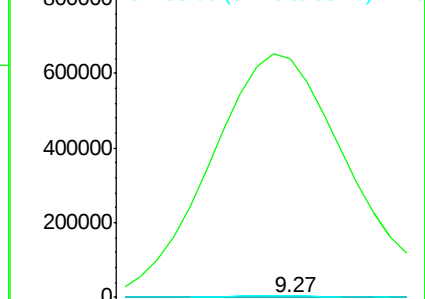
58 3463.9 56.5 84.7#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 54.194 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053801.D

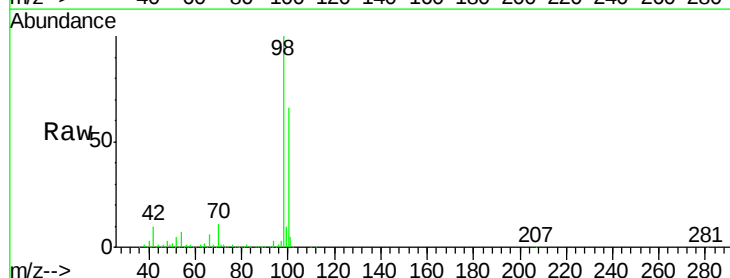
Acq: 15 Feb 2019 15:45

Tgt Ion: 98 Resp: 1414495

Ion Ratio Lower Upper

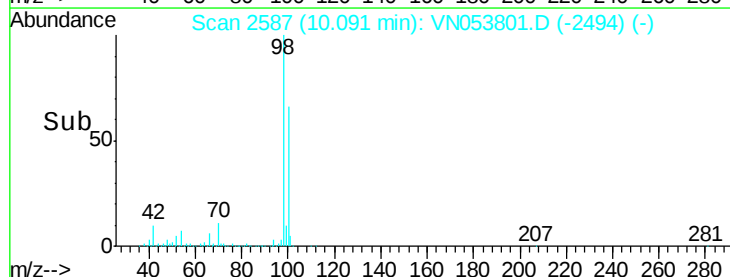
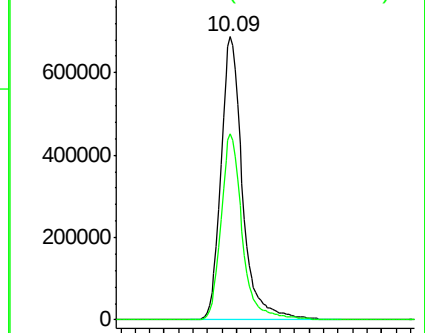
98 100

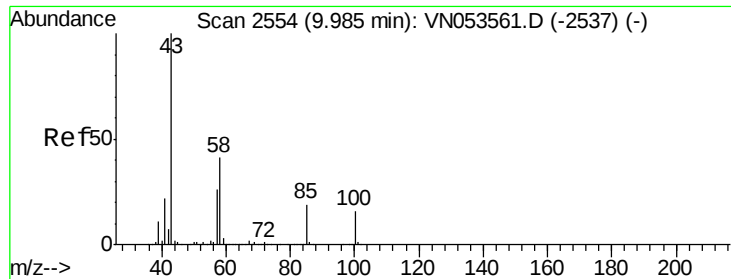
100 64.8 51.4 77.0



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: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

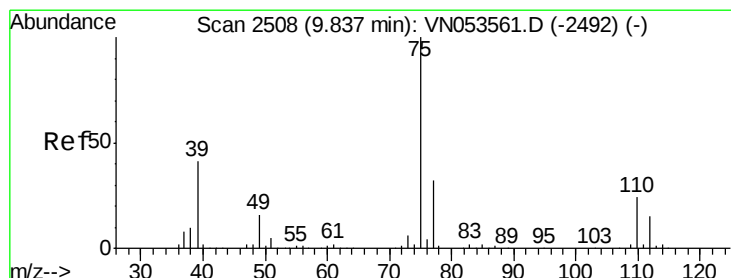
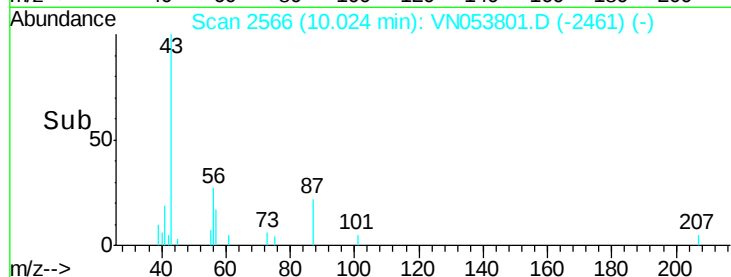
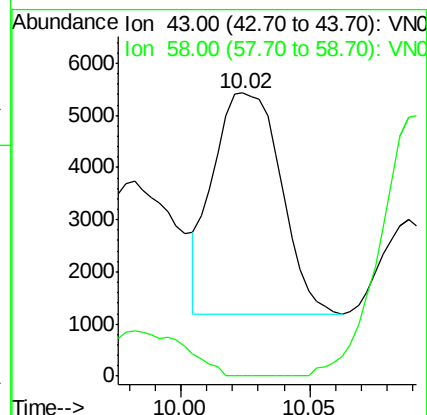
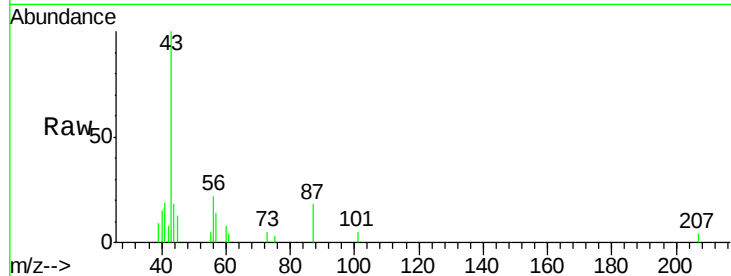
ClientSampled :

Tot Ion: 43 Resp: 7764

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#



#54

cis-1,3-Dichloropropene

Concen: 5.482 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

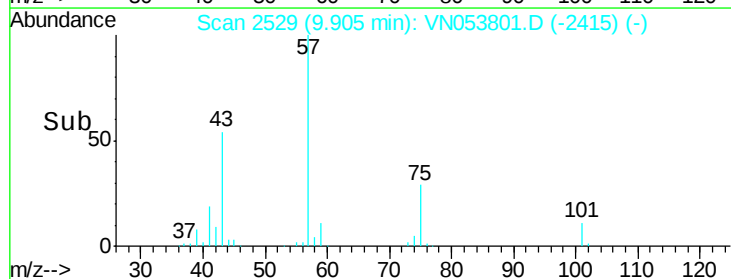
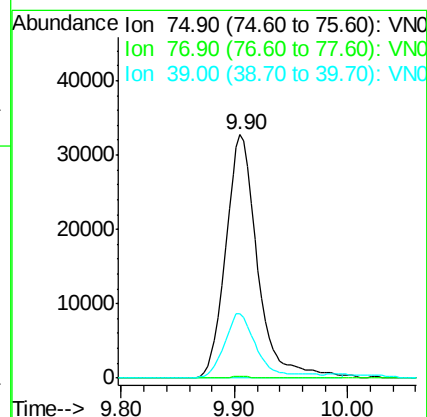
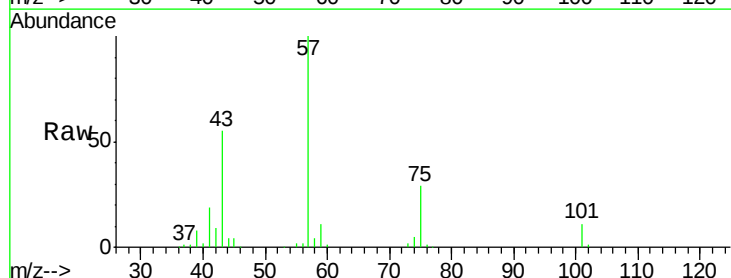
Tgt Ion: 75 Resp: 63768

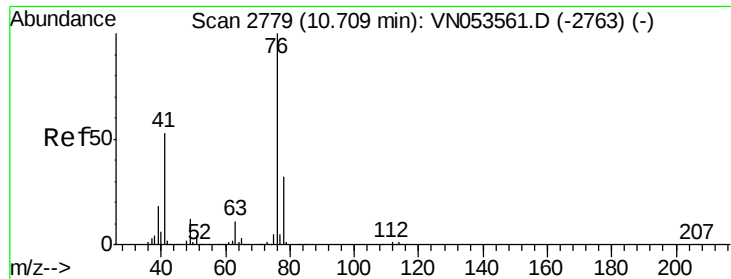
Ion Ratio Lower Upper

75 100

77 0.7 25.8 38.6#

39 26.7 33.4 50.0#

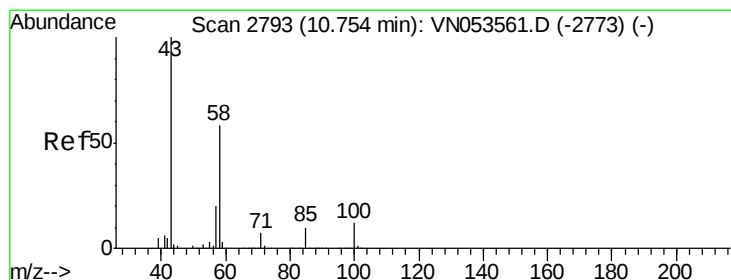
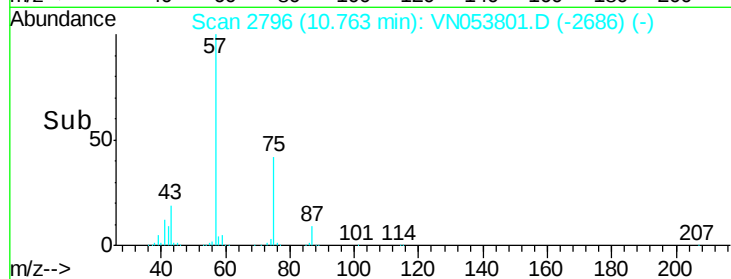
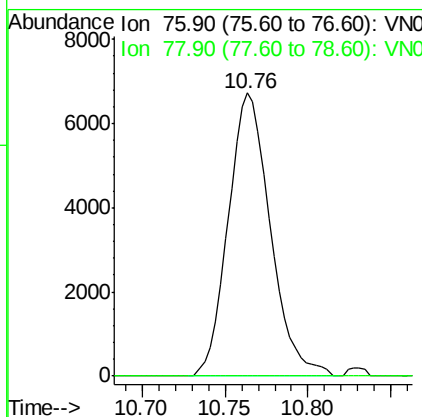
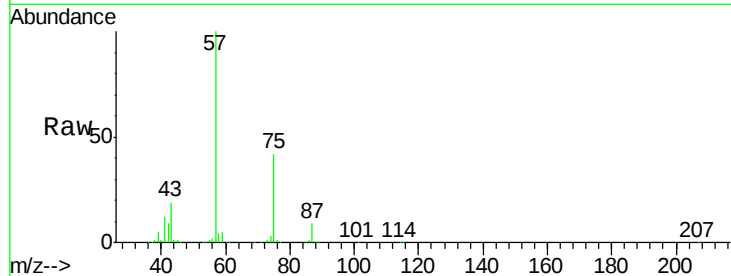




#57
 1,3-Dichloropropane
 Concen: 1.060 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053801.D
 Acq: 15 Feb 2019 15:45

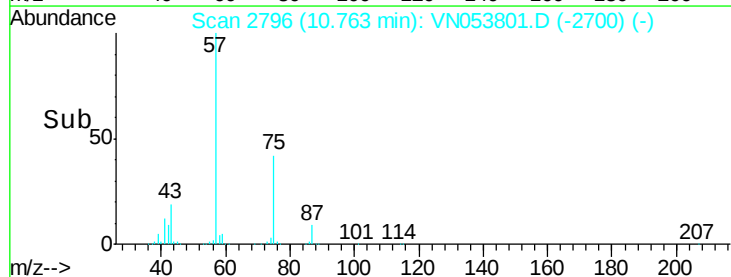
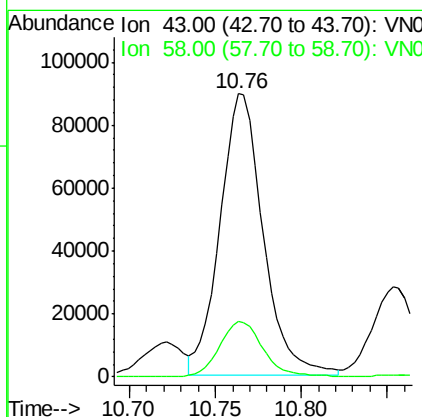
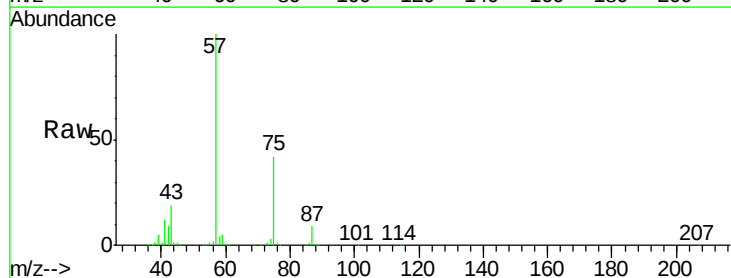
Instrument :
 MSVOA_N
 ClientSampleId :

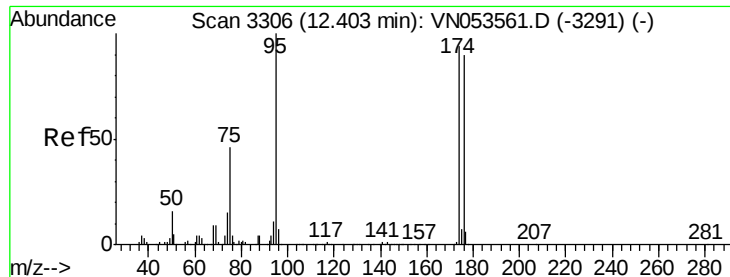
Tot Ion: 76 Resp: 11850
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 44.076 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053801.D
 Acq: 15 Feb 2019 15:45

Tgt Ion: 43 Resp: 157272
 Ion Ratio Lower Upper
 43 100
 58 20.1 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: 48.379 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

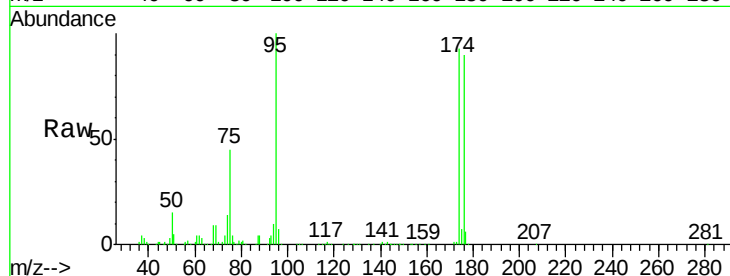
Tot Ion: 95 Resp: 421136

Ion Ratio Lower Upper

95 100

174 94.3 0.0 183.2

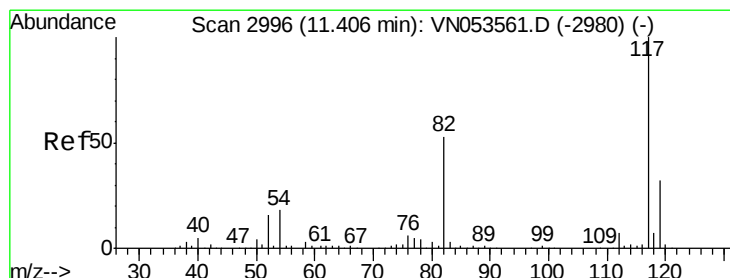
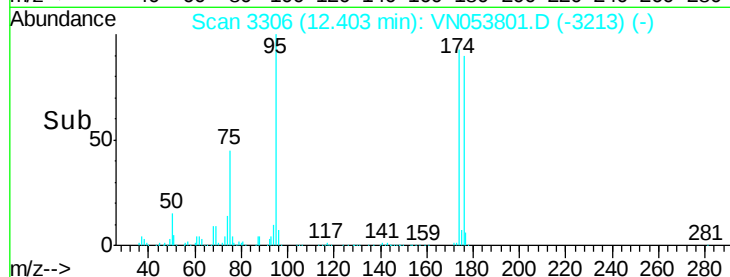
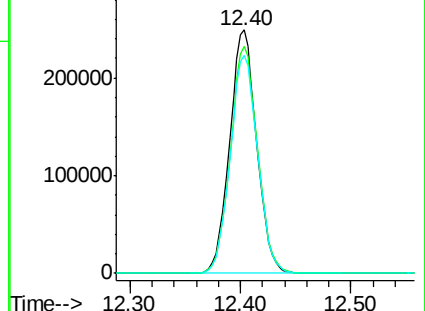
176 91.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053801.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053801.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053801.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

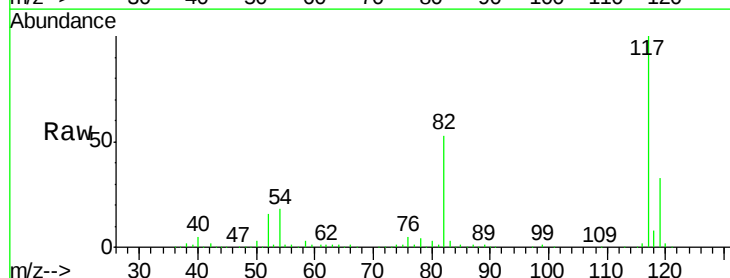
Tgt Ion: 117 Resp: 999429

Ion Ratio Lower Upper

117 100

82 52.9 42.9 64.3

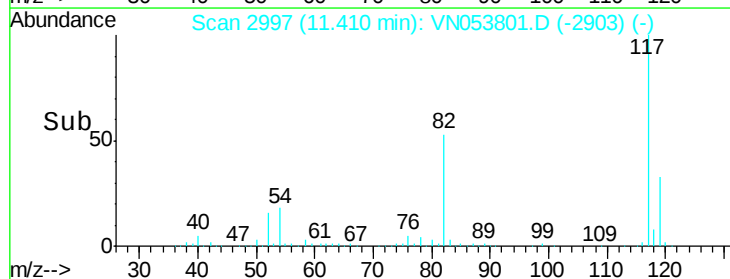
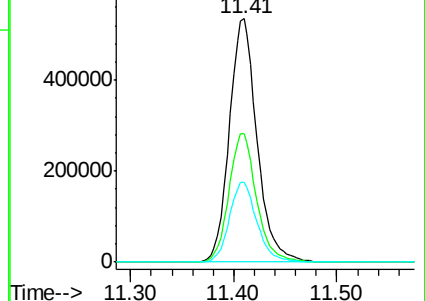
119 32.9 26.0 39.0

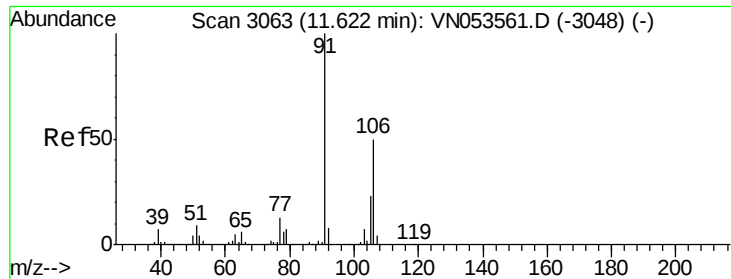


Abundance Ion 116.90 (116.60 to 117.60): VN053801.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053801.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053801.D (-2903) (-)

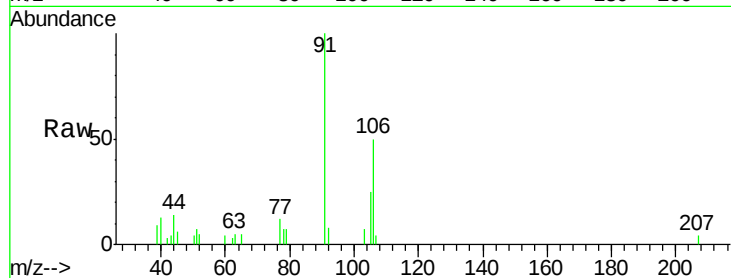




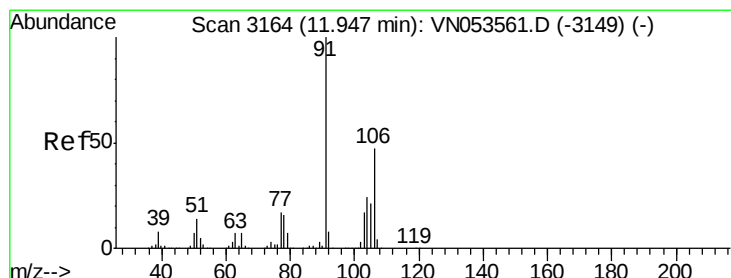
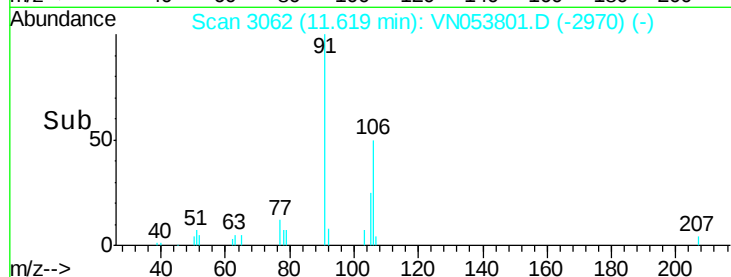
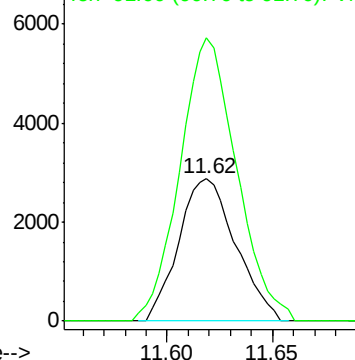
#68
m/p-Xvlenes
Concen: 0.405 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 5396
Ion Ratio Lower Upper
106 100
91 197.9 161.4 242.2

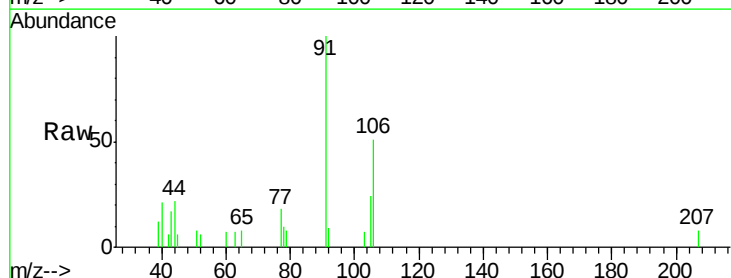


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

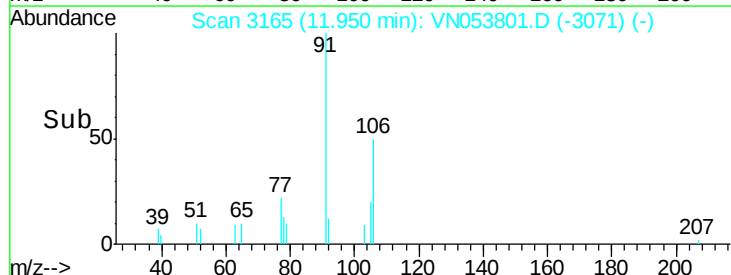
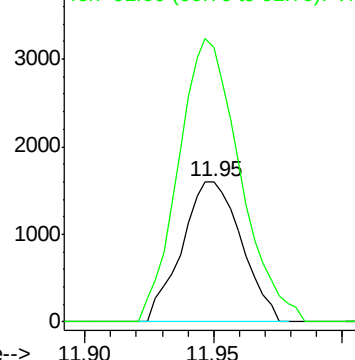


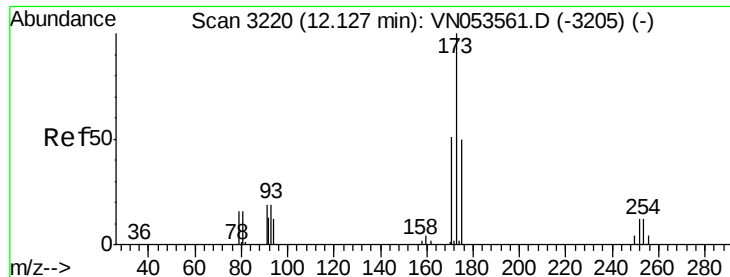
#69
o-Xylene
Concen: 0.200 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

Tgt Ion:106 Resp: 2573
Ion Ratio Lower Upper
106 100
91 208.6 106.9 320.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.551 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampled :

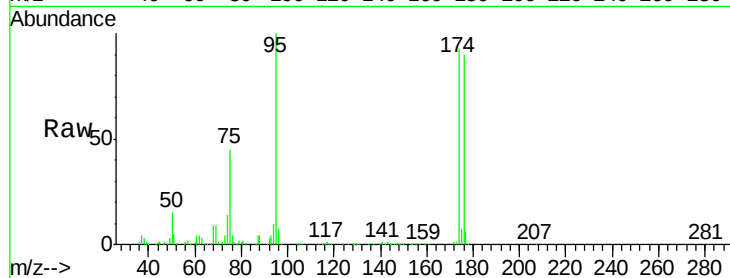
Tot Ion:173 Resp: 2803

Ion Ratio Lower Upper

173 100

175 889.3 24.6 74.0#

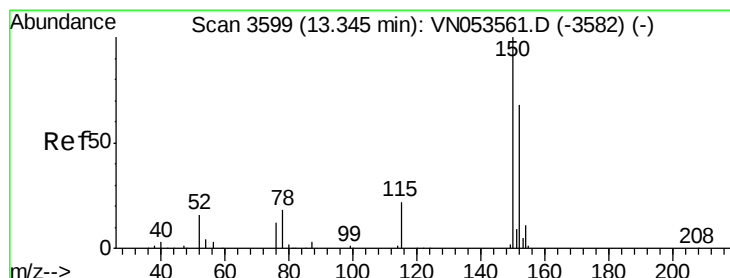
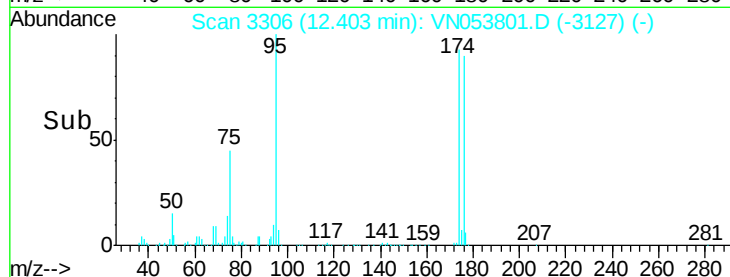
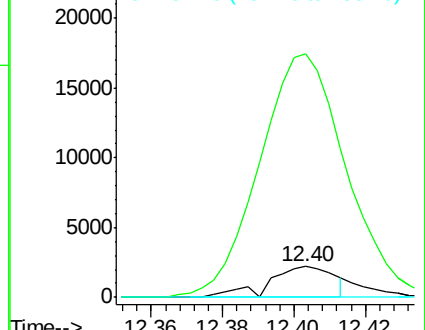
254 0.0 0.2 0.2#



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: VN053801.D

Acq: 15 Feb 2019 15:45

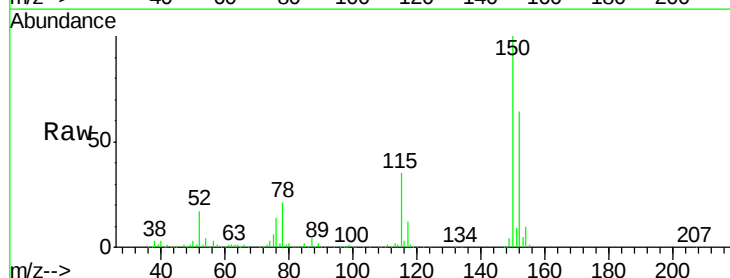
Tgt Ion:152 Resp: 373977

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

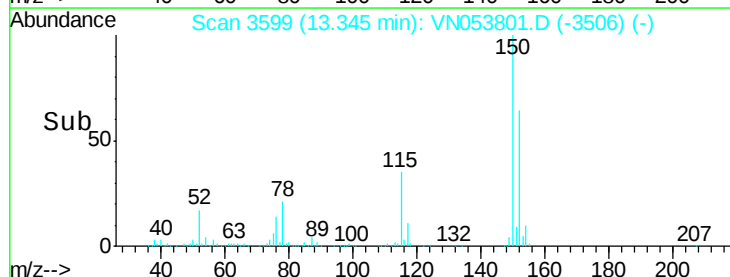
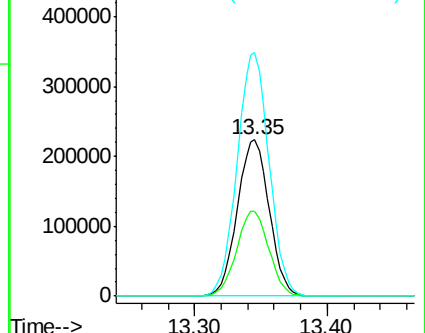
150 156.0 0.0 349.0

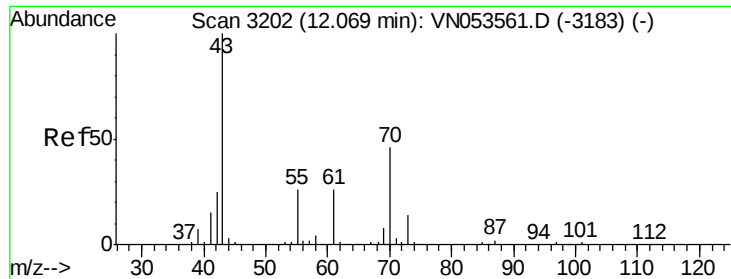


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.328 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053801.D

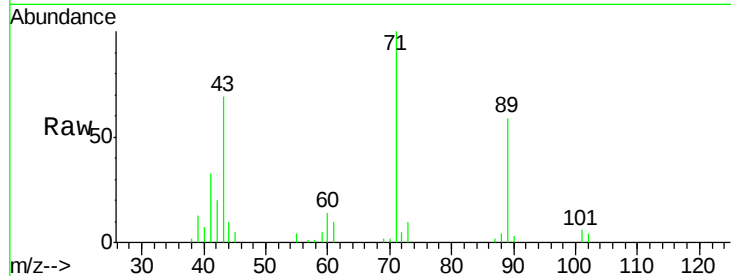
Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	43	Resp:	14719
Ion	Ratio	Lower	Upper
43	100		
70	1.8	35.4	53.2#
55	5.8	20.9	31.3#
61	13.0	20.5	30.7#

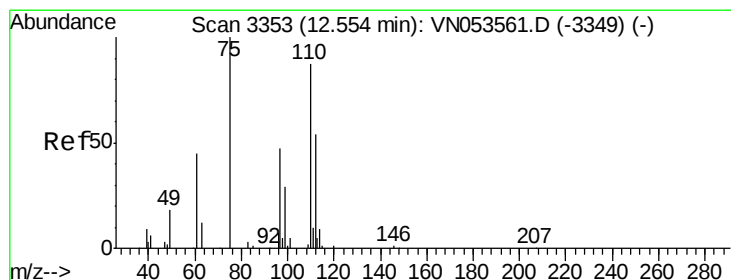
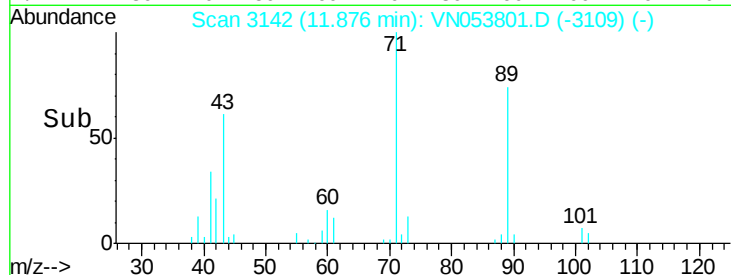
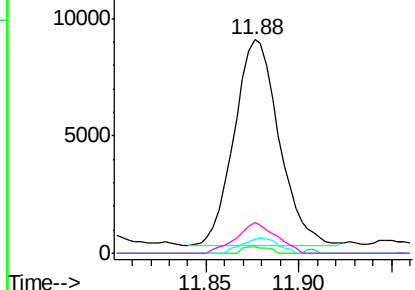


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 40.048 ug/l

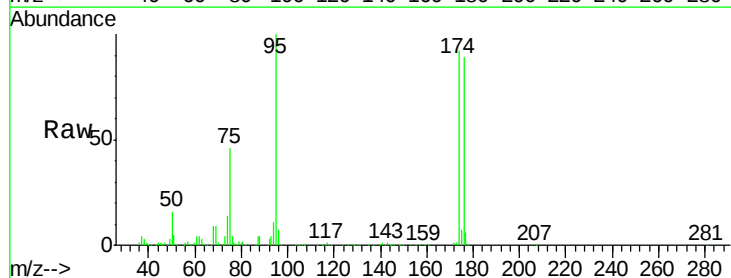
RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053801.D

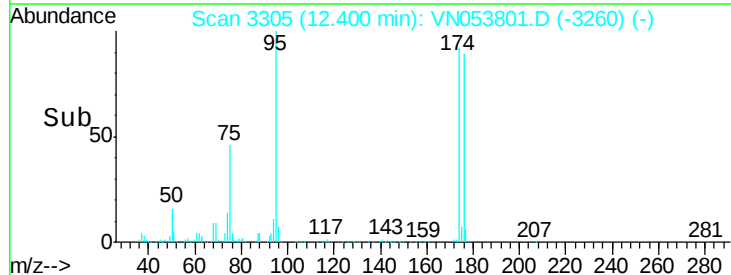
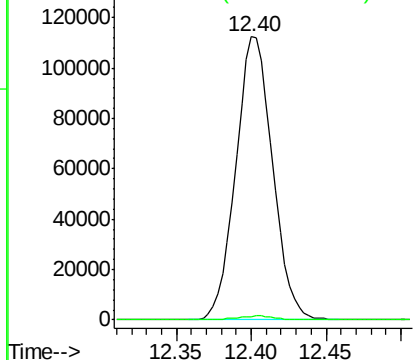
Acq: 15 Feb 2019 15:45

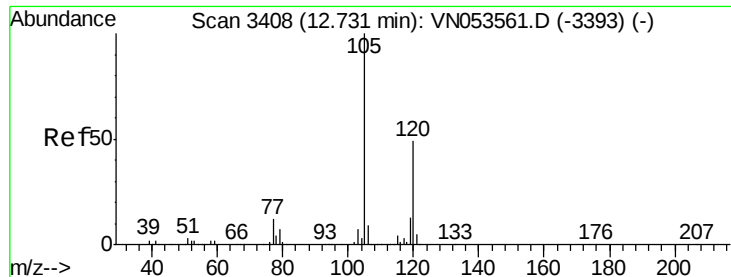
Tgt Ion:	75	Resp:	192369
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.454 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

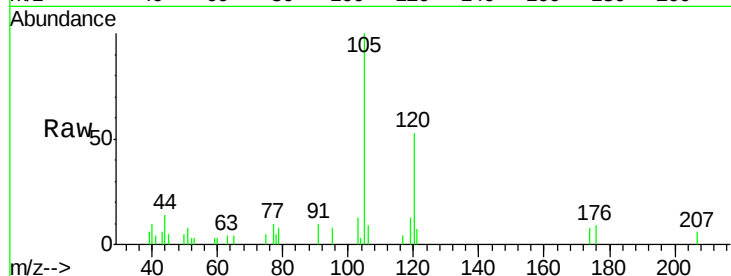
ClientSampleId :

Tot Ion:105 Resp: 9905

Ion Ratio Lower Upper

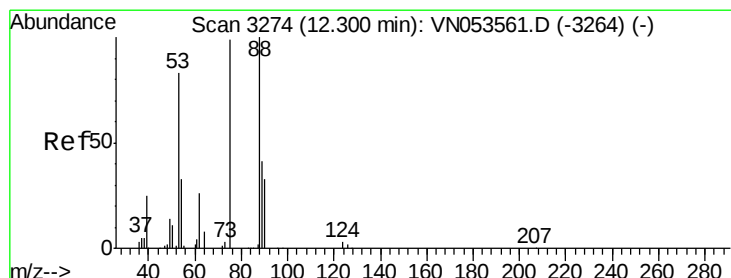
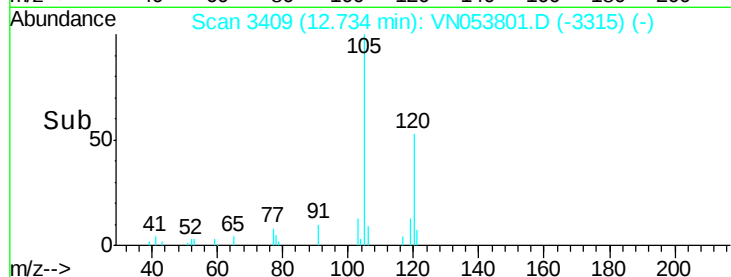
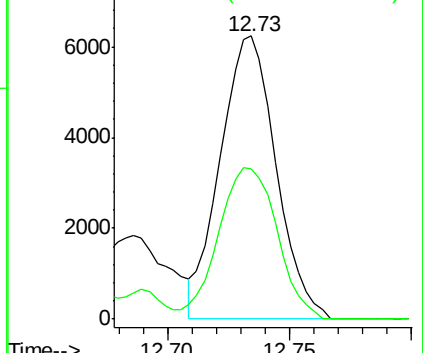
105 100

120 56.1 24.9 74.6



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: 112.611 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

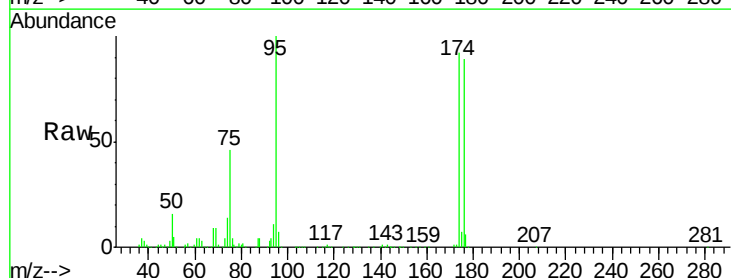
Tgt Ion: 75 Resp: 192369

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

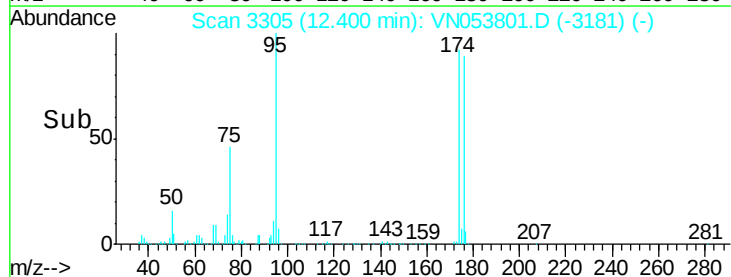
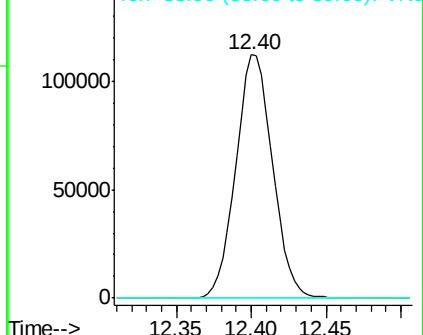
89 0.0 35.6 53.4#

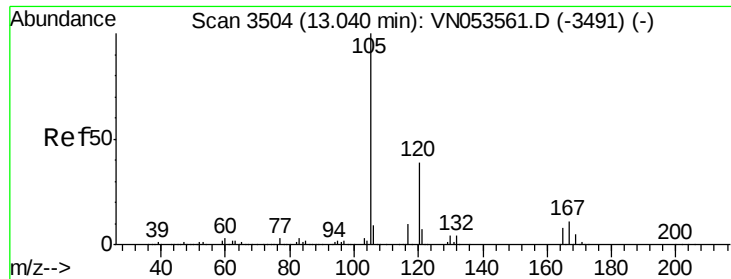


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.741 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

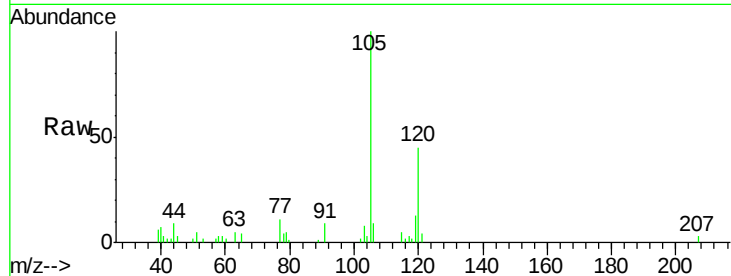
ClientSampleId :

Tot Ion:105 Resp: 16457

Ion Ratio Lower Upper

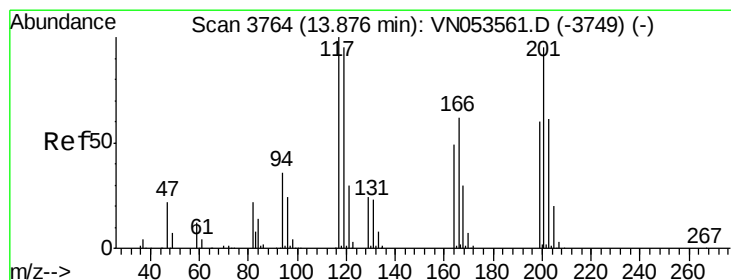
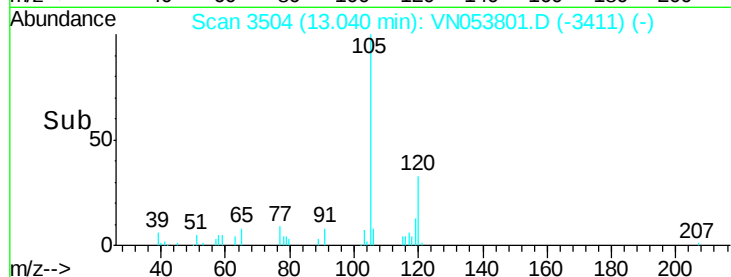
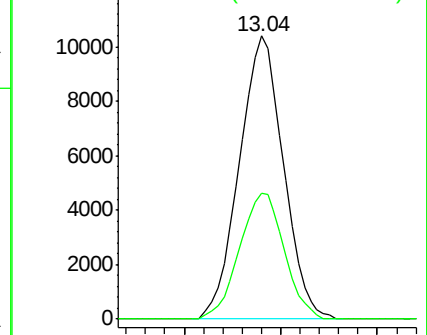
105 100

120 45.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.371 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN053801.D

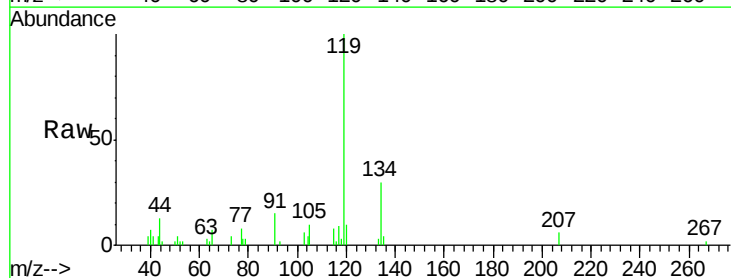
Acq: 15 Feb 2019 15:45

Tgt Ion:117 Resp: 1403

Ion Ratio Lower Upper

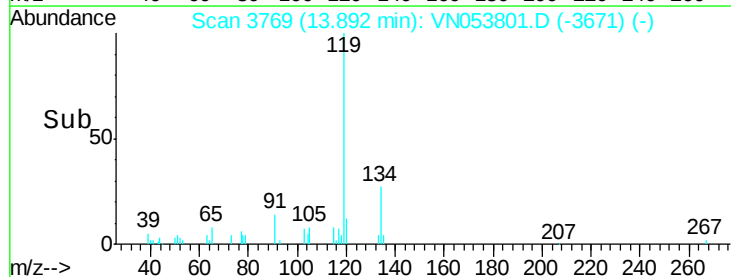
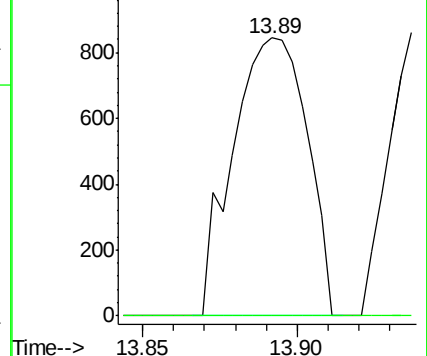
117 100

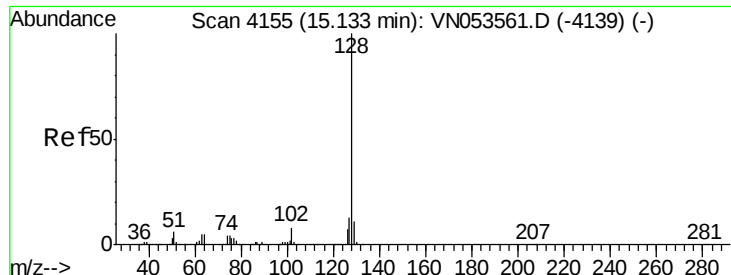
201 0.0 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 2.049 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

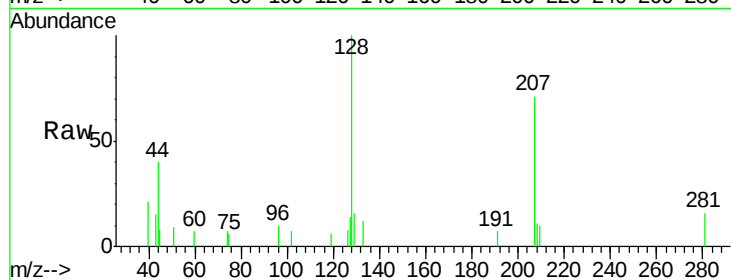
Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :



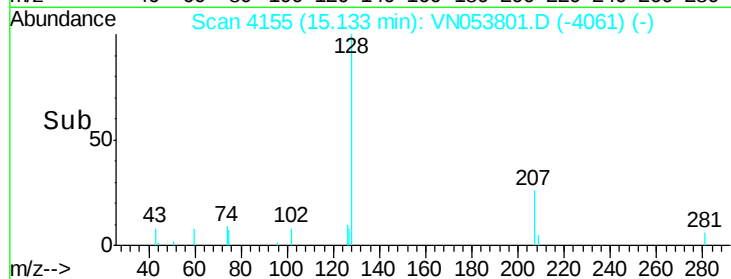
Tot Ion:128 Resp: 5328

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 12.3 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

