

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053772.D
 Acq On : 14 Feb 2019 12:01
 Operator : JC/SP
 Sample : K1349-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 01:01:49 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	677494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1121310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	439230	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	384208	56.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.06%	
35) Dibromofluoromethane	7.59	113	381710	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	10.09	98	1382306	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	462149	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	74	0.347	ug/l #	42
11) Tert butyl alcohol	4.78	59	790	1.964	ug/l #	72
14) Allyl chloride	4.54	41	5552	0.556	ug/l #	27
16) Acetone	3.82	43	18906	10.845	ug/l	98
18) Methyl Acetate	4.33	43	2606	0.505	ug/l #	59
20) Methylene Chloride	4.55	84	291565	39.864	ug/l	97
25) 2-Butanone	6.85	43	4424	1.779	ug/l	99
29) Tetrahydrofuran	7.20	42	478	0.299	ug/l #	76
31) Cyclohexane	7.67	56	11060	0.796	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40793	4.036	ug/l #	50
38) Carbon Tetrachloride	7.67	117	55354	5.436	ug/l #	16
41) Methacrylonitrile	7.22	41	711	0.225	ug/l #	34
43) Isopropyl Acetate	8.17	43	30034	2.755	ug/l #	81
45) 1,2-Dichloropropane	9.27	63	1860	0.233	ug/l #	43
48) Methyl methacrylate	9.18	41	9706	1.865	ug/l #	12
49) 1,4-Dioxane	9.27	88	32	39.506	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	8836	1.649	ug/l #	34
52) Toluene	10.16	92	35909	1.941	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	67584	5.700	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	13297	1.167	ug/l #	43
59) 2-Hexanone	10.77	43	172909	47.542	ug/l #	51
67) Ethyl Benzene	11.51	91	40697	1.103	ug/l	97
68) m/p-Xylenes	11.62	106	66687	4.734	ug/l	96
69) o-Xylene	11.95	106	29341	2.156	ug/l	98
71) Bromoform	12.40	173	3259	0.606	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	213703	37.880	ug/l #	100
78) n-propylbenzene	12.59	91	23714	0.664	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	46597	1.820	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	213703	106.514	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	164373	6.301	ug/l	100
85) sec-Butylbenzene	13.04	105	164373	5.338	ug/l #	56
90) Hexachloroethane	13.89	117	2239	0.504	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	2756	0.336	ug/l #	83
95) Naphthalene	15.13	128	52451	4.360	ug/l	99

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QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

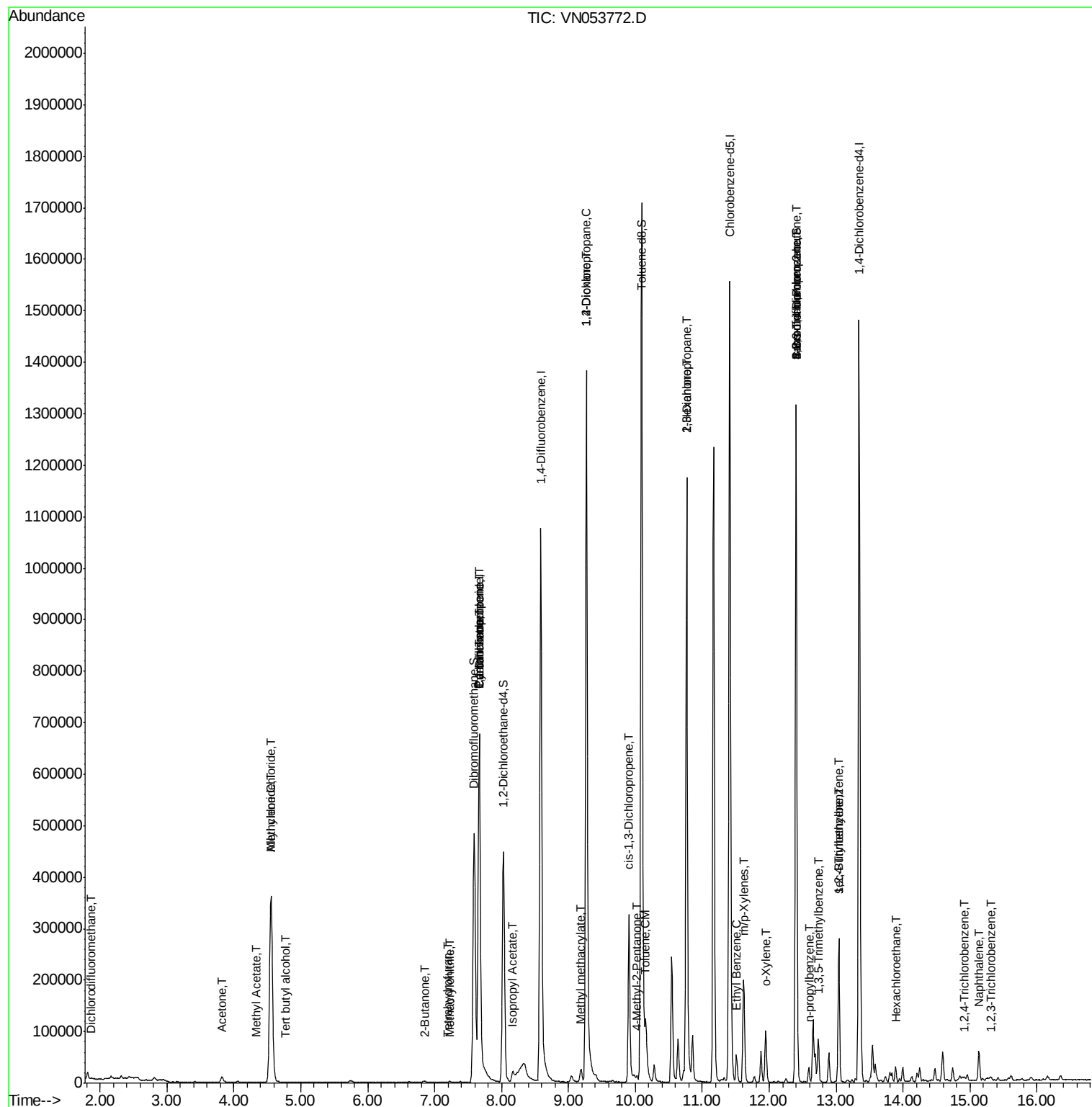
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	2831	0.371	ug/l	92

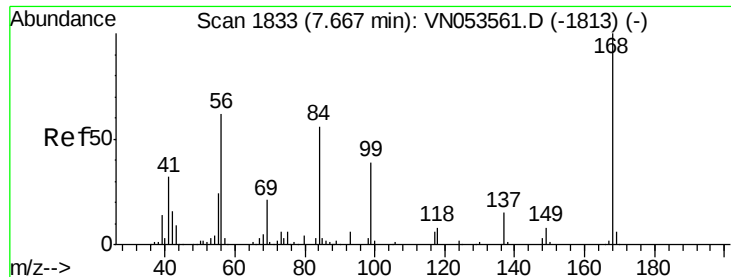
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053772.D

Acq: 14 Feb 2019 12:01

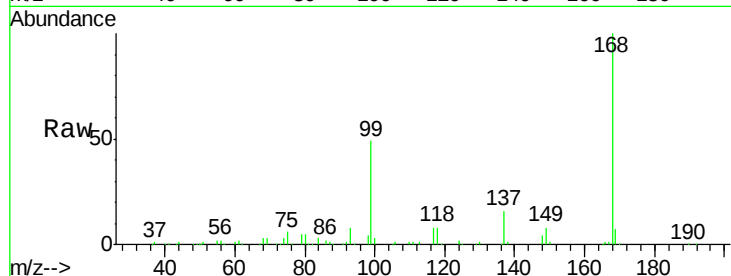
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 677494

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

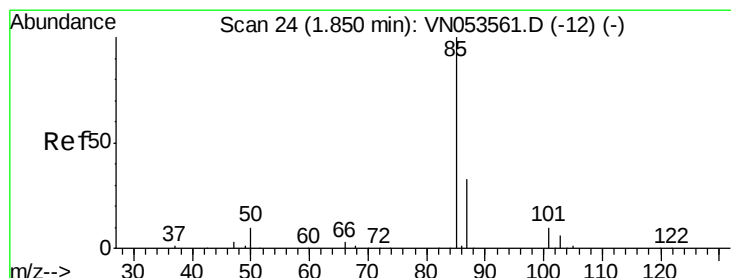
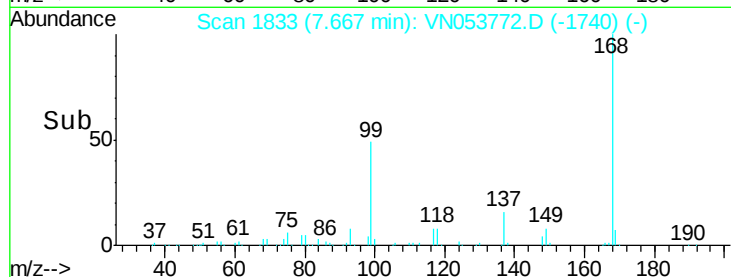
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.347 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053772.D

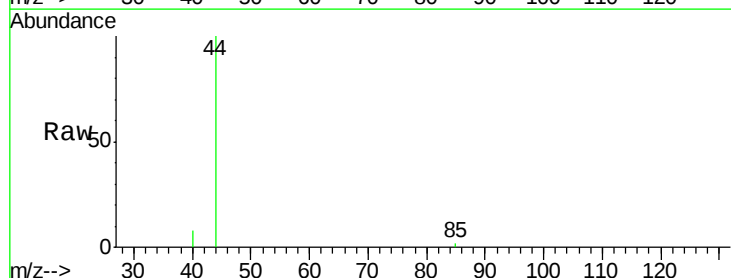
Acq: 14 Feb 2019 12:01

Tgt Ion: 85 Resp: 74

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200

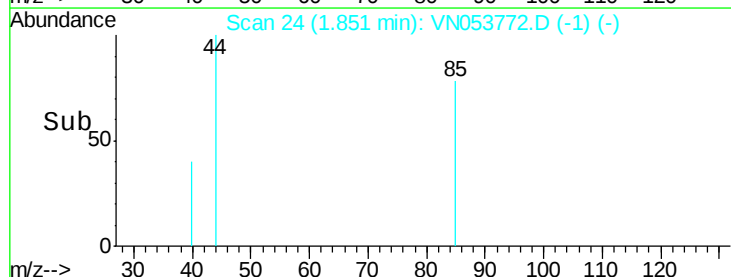
150

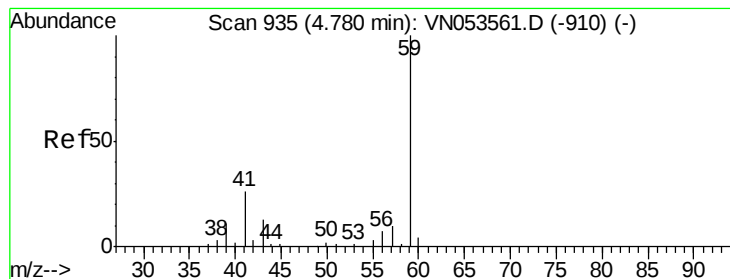
100

50

0

Time-->



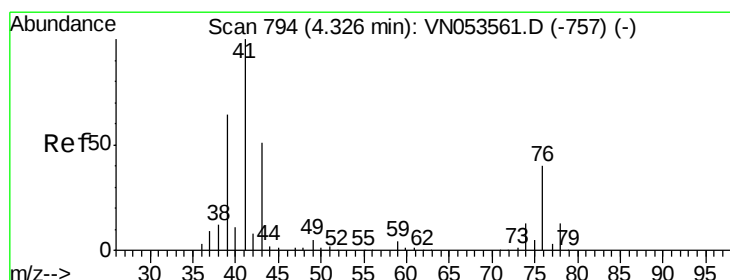
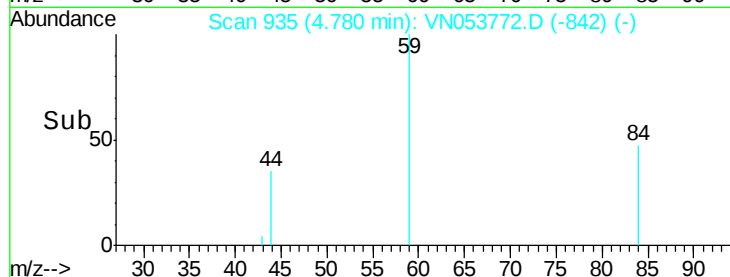
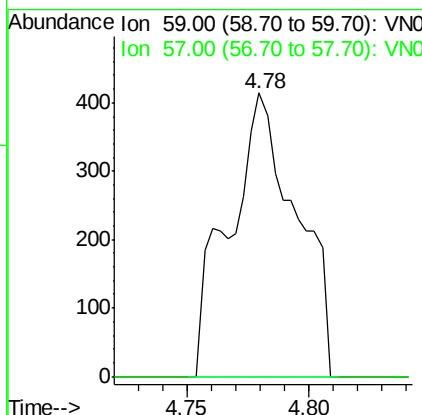
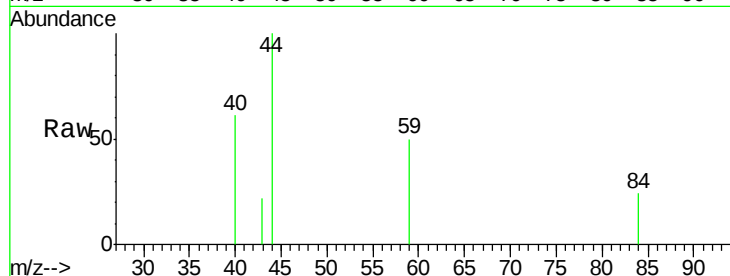


#11

Tert butyl alcohol
 Concen: 1.964 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

Instrument :
 MSVOA_N
 ClientSampled :

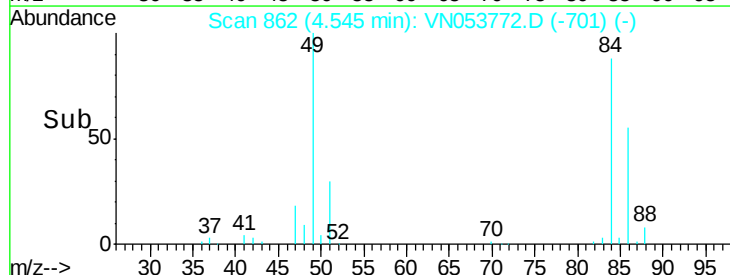
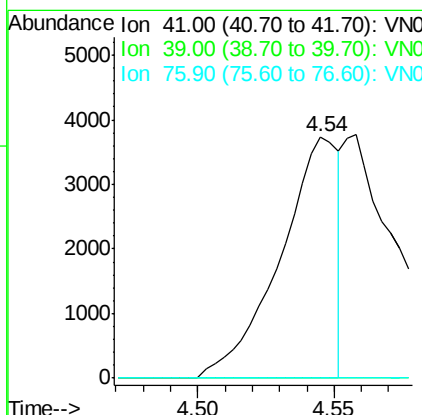
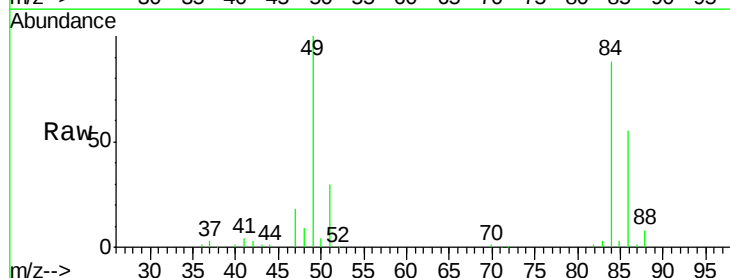
Tot Ion: 59 Resp: 790
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

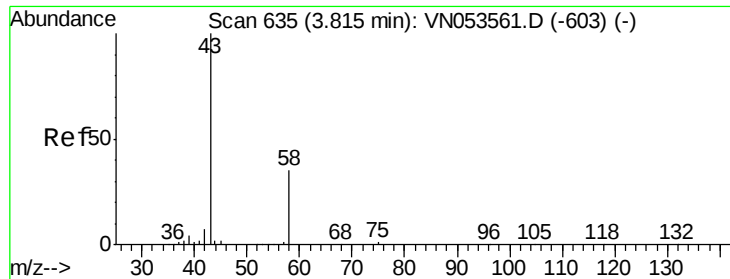


#14

Allyl chloride
 Concen: 0.556 ug/l
 RT: 4.54 min Scan# 862
 Delta R.T. 0.22 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

Tgt Ion: 41 Resp: 5552
 Ion Ratio Lower Upper
 41 100
 39 0.0 48.9 73.3#
 76 0.0 29.4 44.2#





#16

Acetone

Concen: 10.845 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

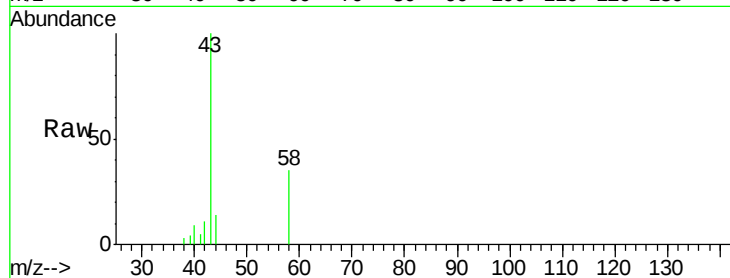
ClientSampled :

Tot Ion: 43 Resp: 18906

Ion Ratio Lower Upper

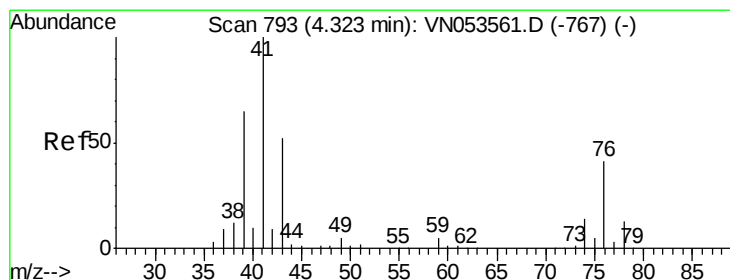
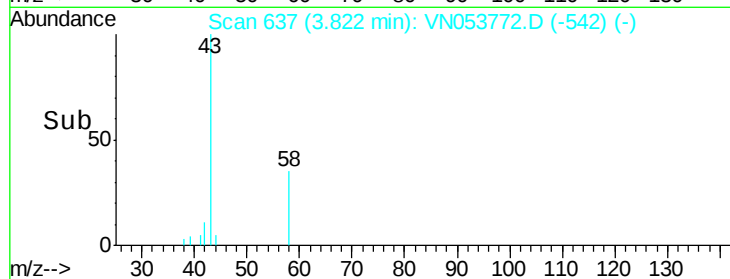
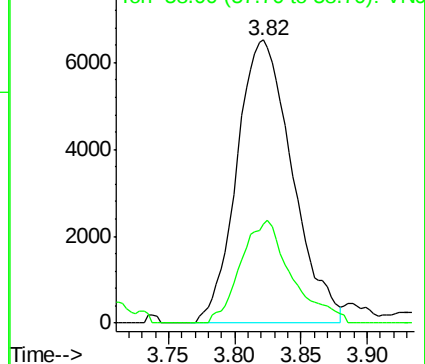
43 100

58 35.0 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: 0.505 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053772.D

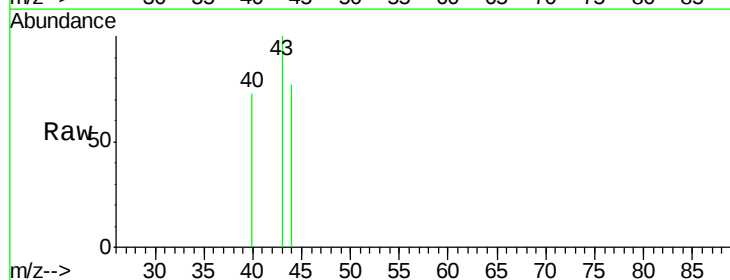
Acq: 14 Feb 2019 12:01

Tgt Ion: 43 Resp: 2606

Ion Ratio Lower Upper

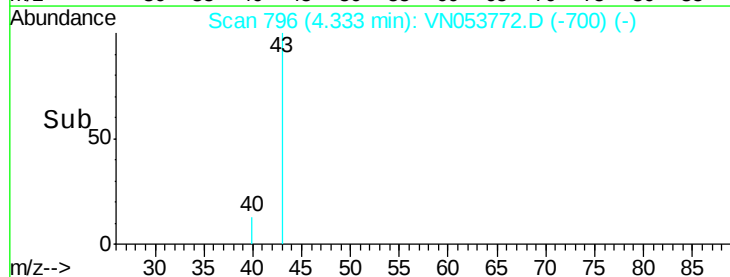
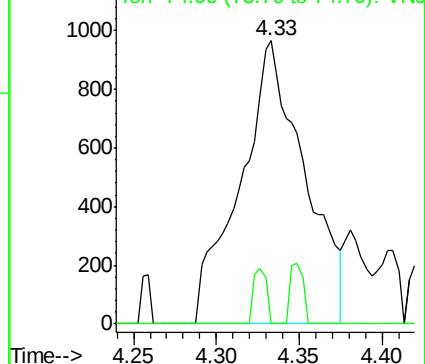
43 100

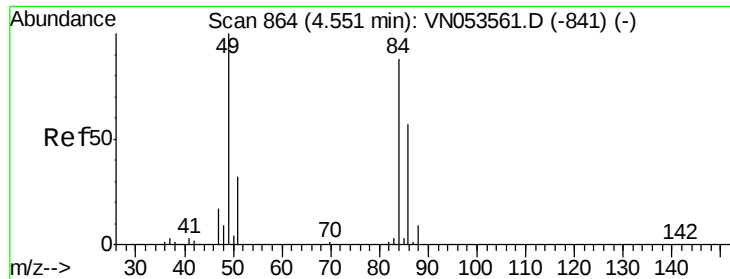
74 3.8 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

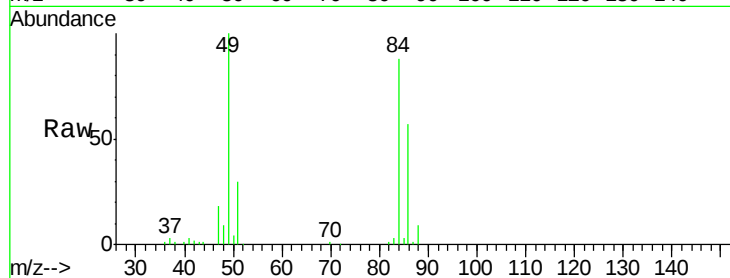




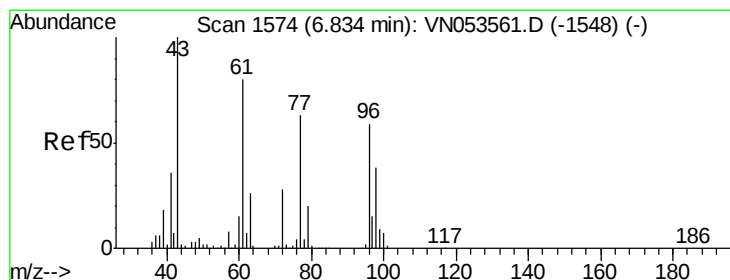
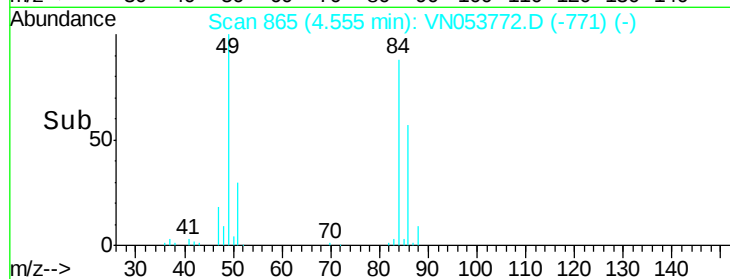
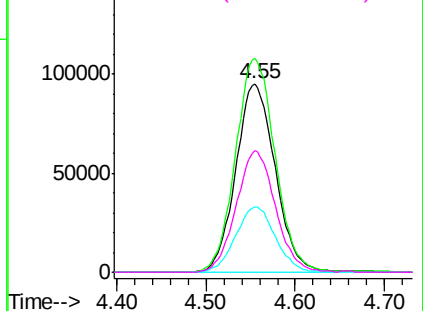
#20
Methvlene Chloride
Concen: 39.864 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	291565
Ion	Ratio	Lower	Upper
84	100		
49	113.3	94.3	141.5
51	34.6	29.4	44.2
86	64.4	51.4	77.0

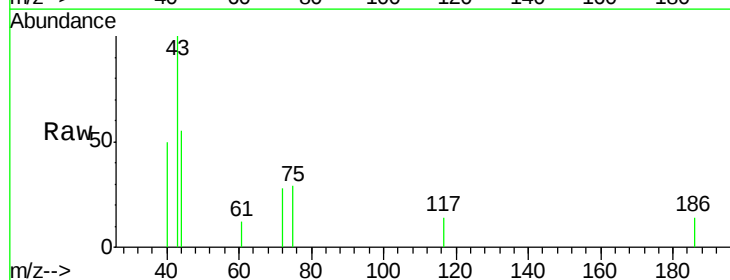


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

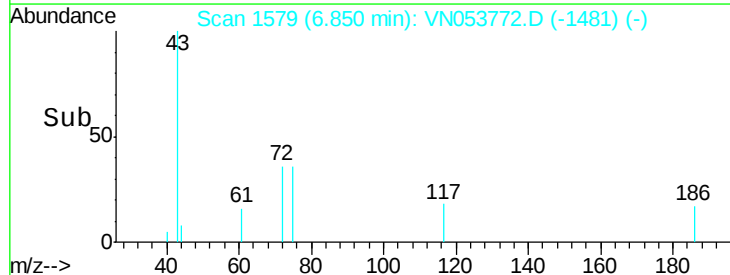
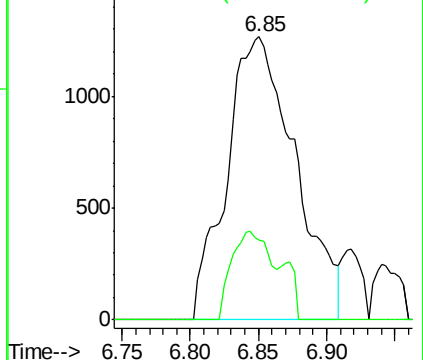


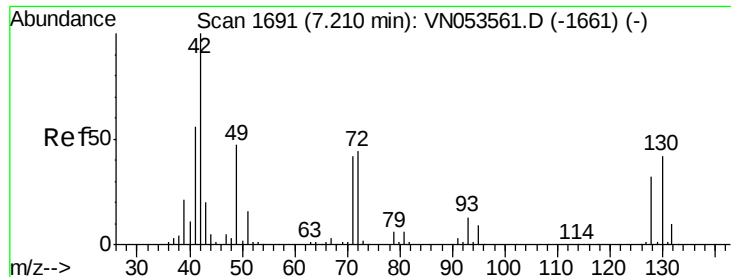
#25
2-Butanone
Concen: 1.779 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Tgt Ion:	43	Resp:	4424
Ion	Ratio	Lower	Upper
43	100		
72	28.0	22.0	33.0



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

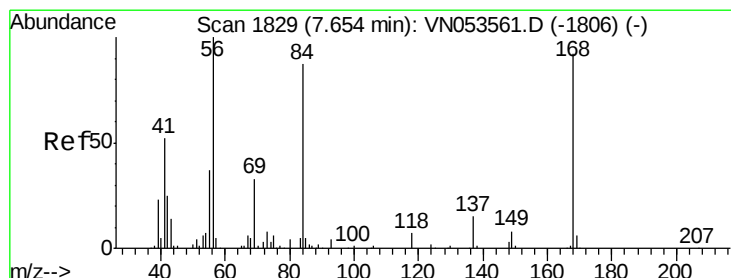
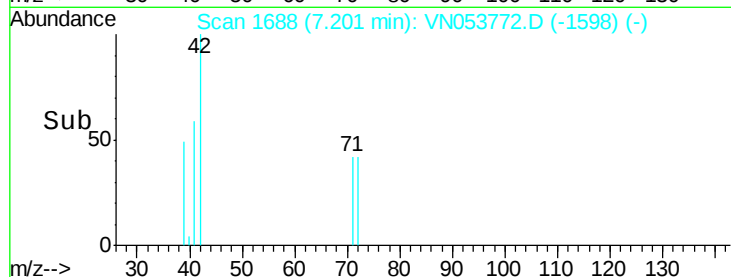
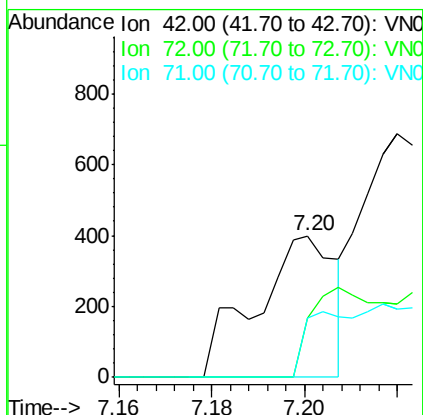
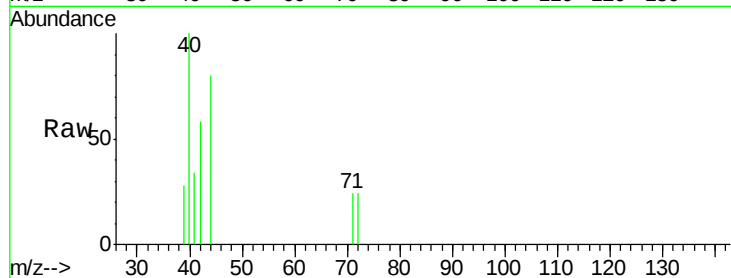




#29
Tetrahydrofuran
Concen: 0.299 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

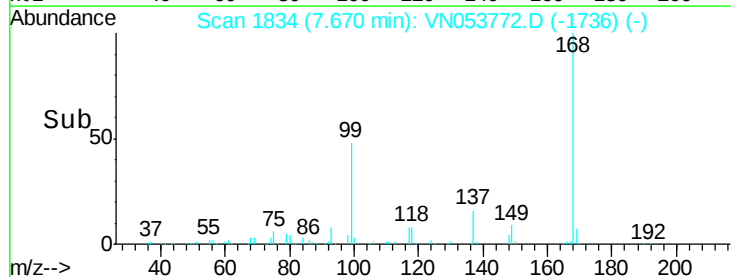
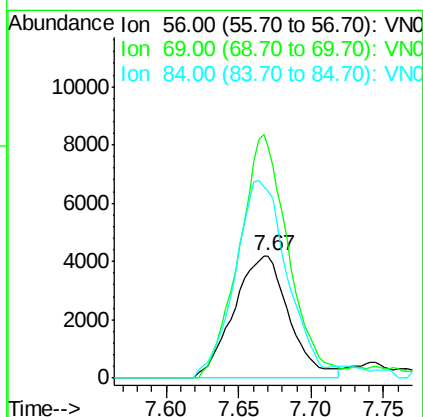
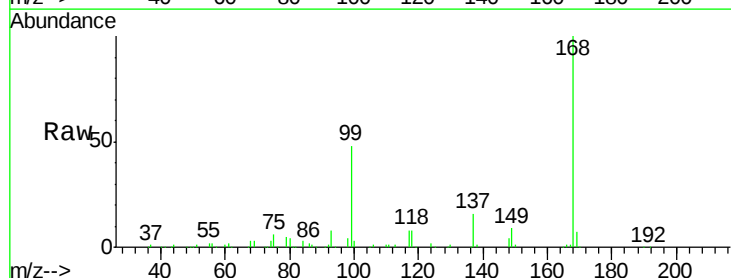
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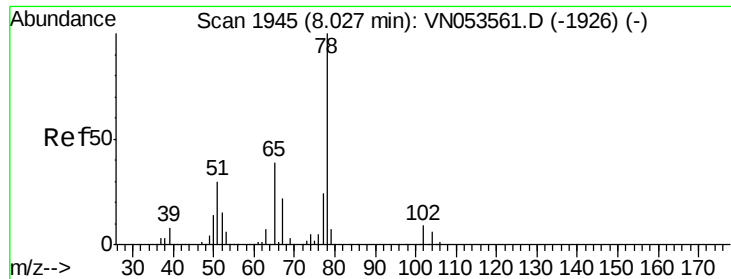
Tot Ion: 42 Resp: 478
Ion Ratio Lower Upper
42 100
72 60.9 35.2 52.8#
71 27.8 33.0 49.4#



#31
Cyclohexane
Concen: 0.796 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Tgt Ion: 56 Resp: 11060
Ion Ratio Lower Upper
56 100
69 190.4 26.4 39.6#
84 153.3 67.9 101.9#

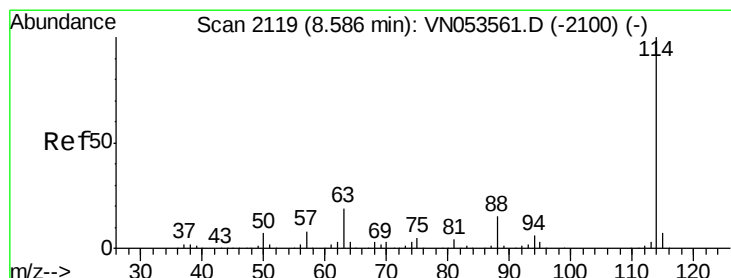
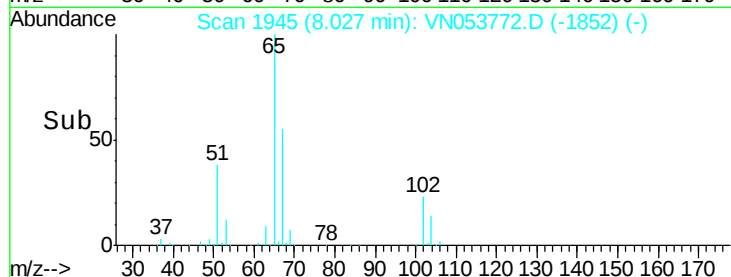
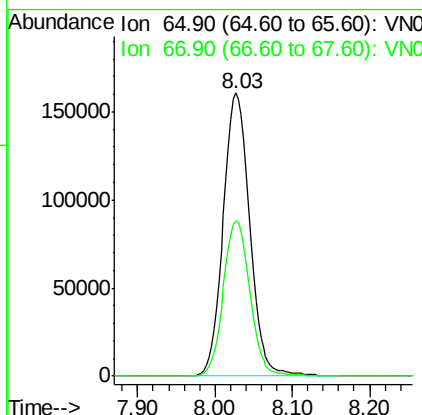
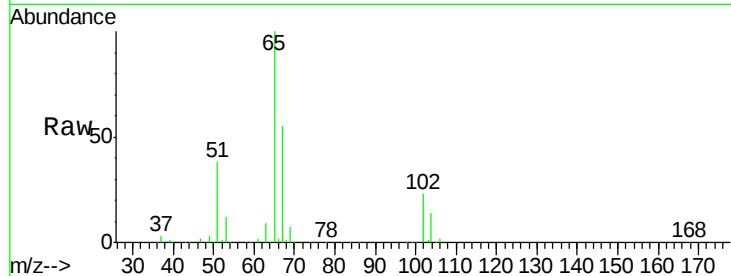




#33
 1,2-Dichloroethane-d4
 Concen: 56.530 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

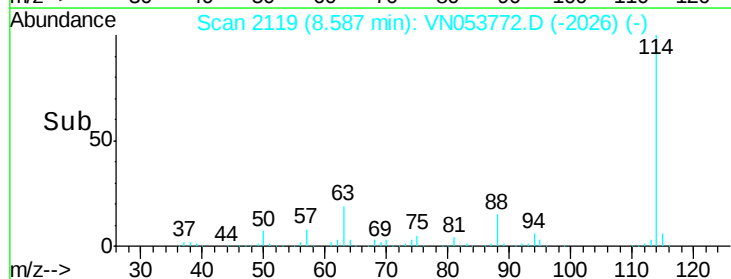
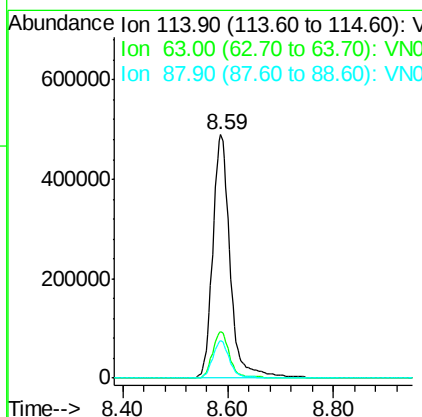
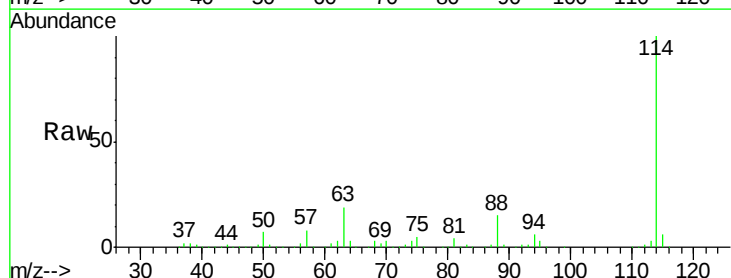
Instrument :
 MSVOA_N
 ClientSampleId :

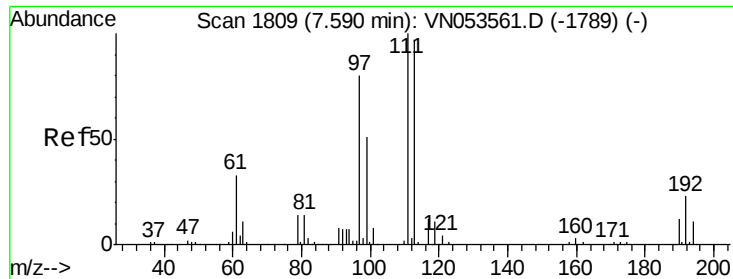
Tot Ion: 65 Resp: 384208
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

Tgt Ion: 114 Resp: 1121310
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.874 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :

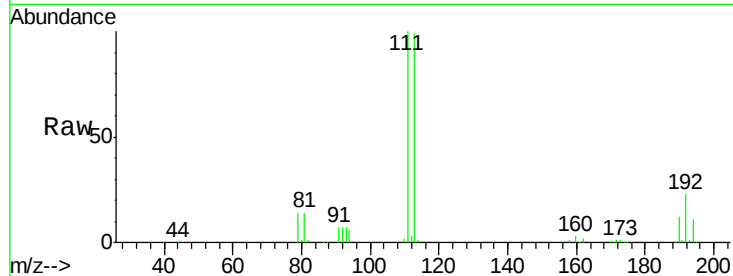
Tot Ion:113 Resp: 381710

Ion Ratio Lower Upper

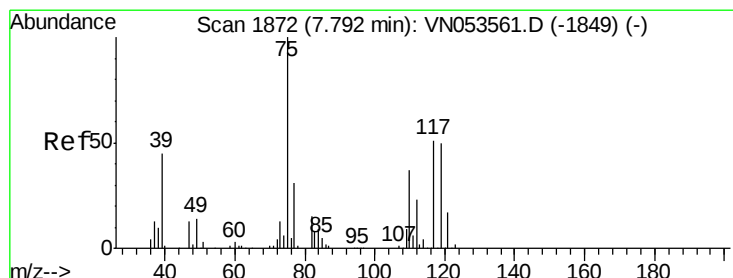
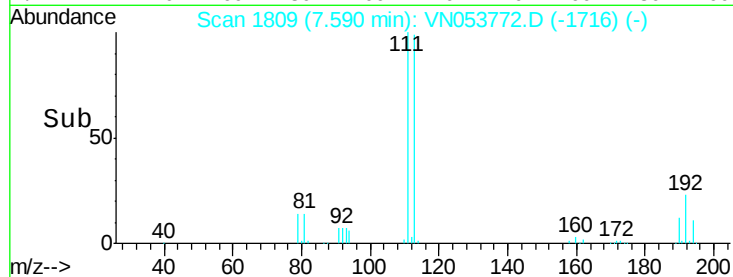
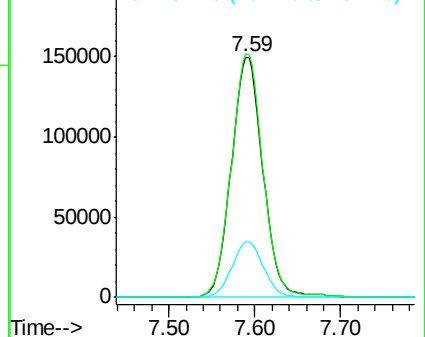
113 100

111 101.6 81.1 121.7

192 23.2 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.036 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

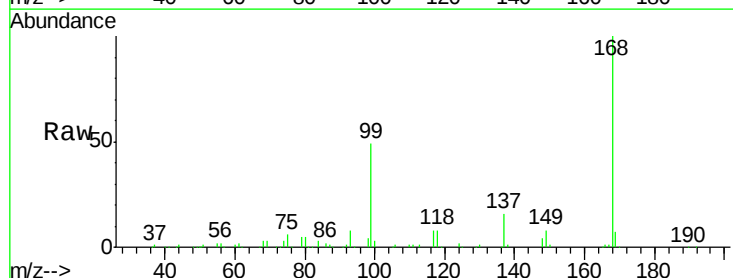
Tgt Ion: 75 Resp: 40793

Ion Ratio Lower Upper

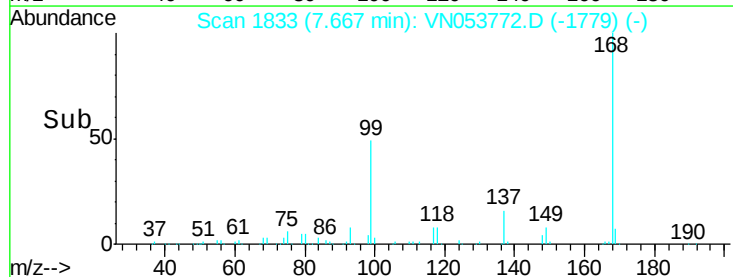
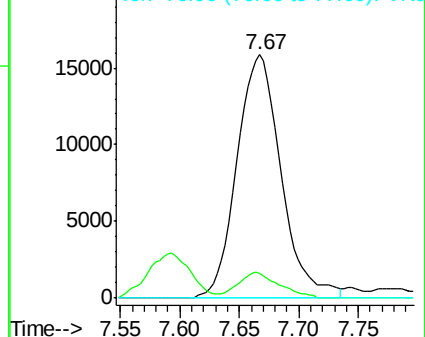
75 100

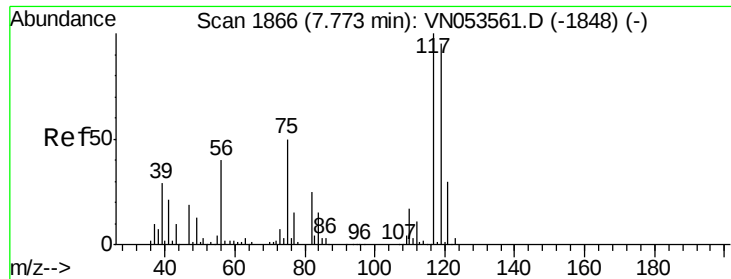
110 10.0 18.1 54.3#

77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

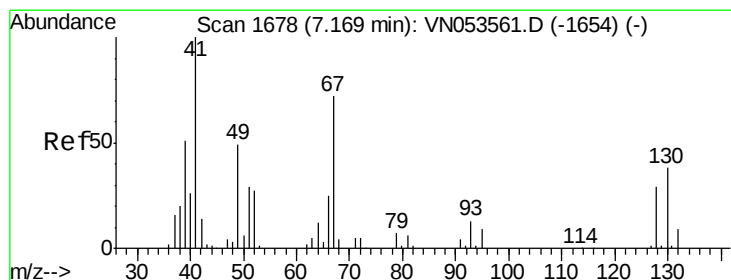
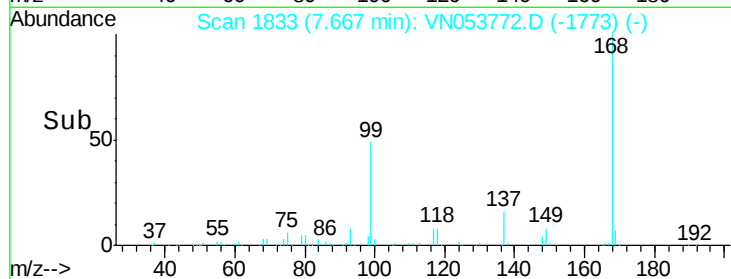
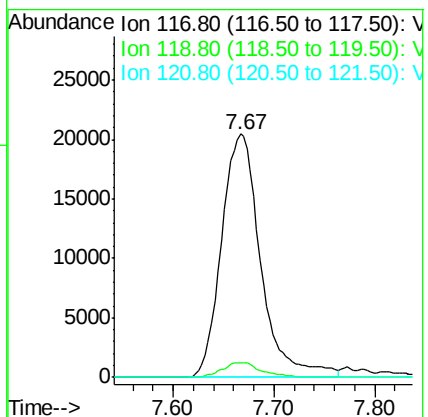
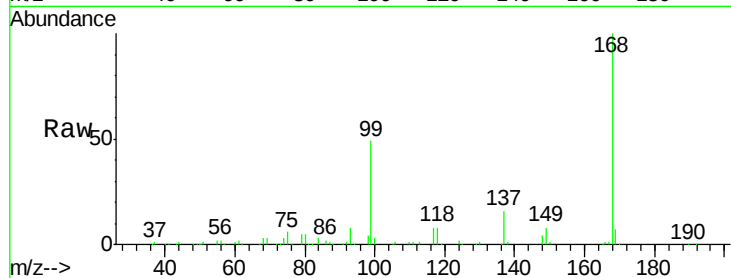




#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

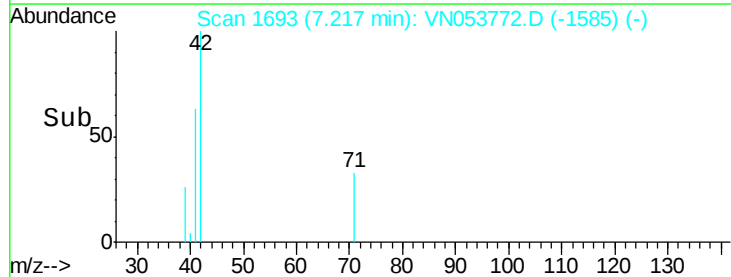
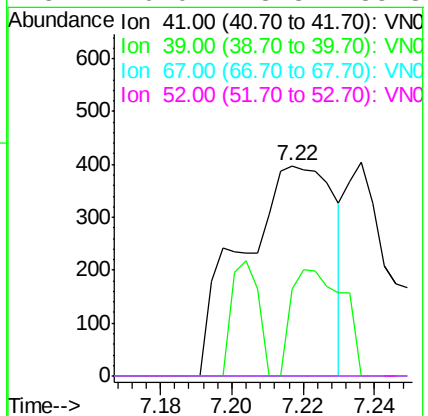
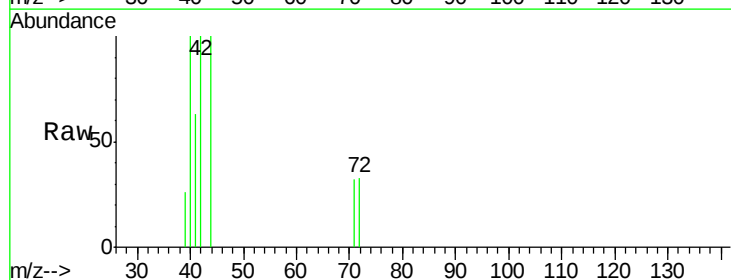
Instrument :
MSVOA_N
ClientSampled :

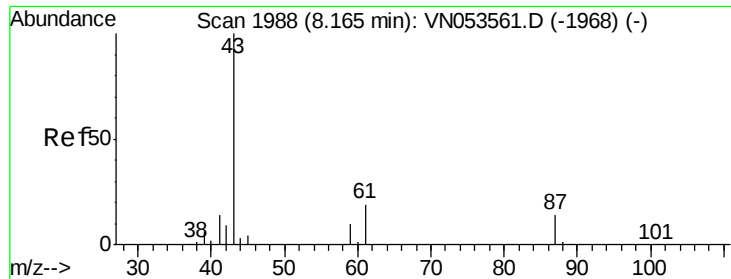
Tot Ion:117 Resp: 55354
Ion Ratio Lower Upper
117 100
119 6.1 77.2 115.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.225 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Tgt Ion: 41 Resp: 711
Ion Ratio Lower Upper
41 100
39 28.4 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#

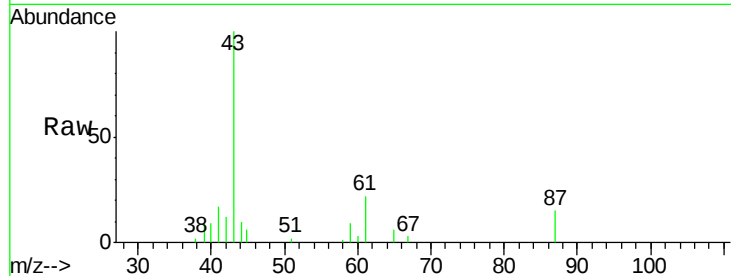




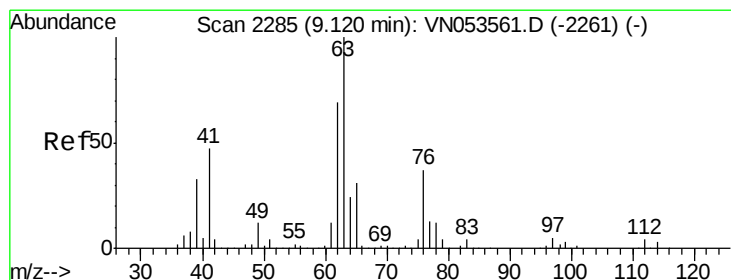
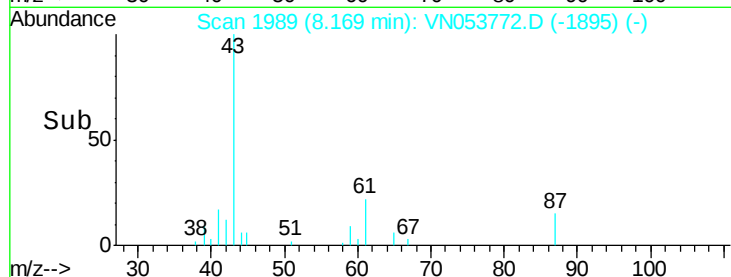
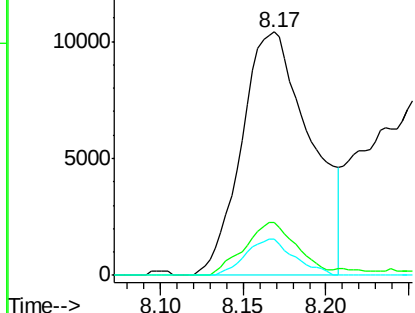
#43
Isopropyl Acetate
Concen: 2.755 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 30034
Ion Ratio Lower Upper
43 100
61 16.6 23.9 35.9#
87 10.6 11.0 16.6#

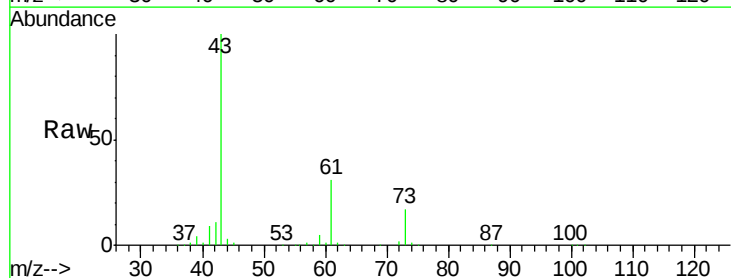


Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 87.00 (86.70 to 87.70): VNC

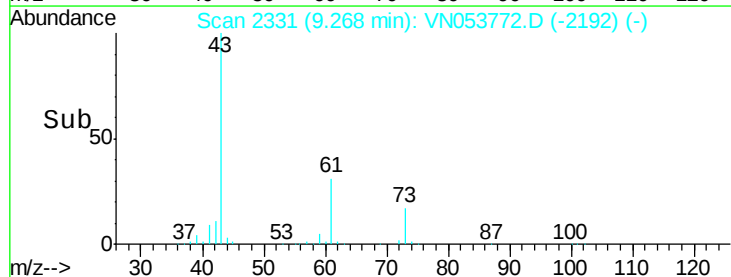
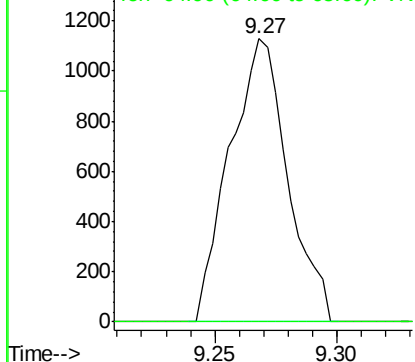


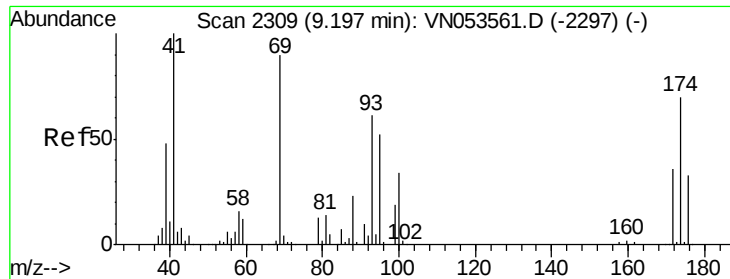
#45
1,2-Dichloropropane
Concen: 0.233 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Tgt Ion: 63 Resp: 1860
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNC
Ion 64.90 (64.60 to 65.60): VNC

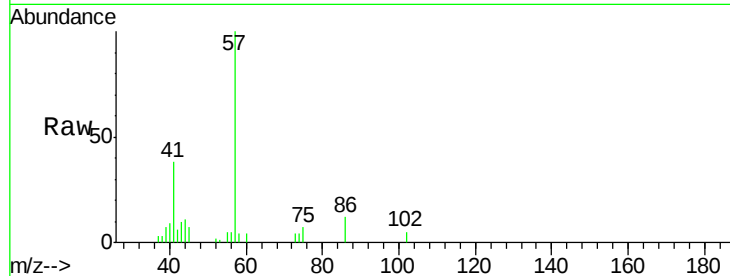




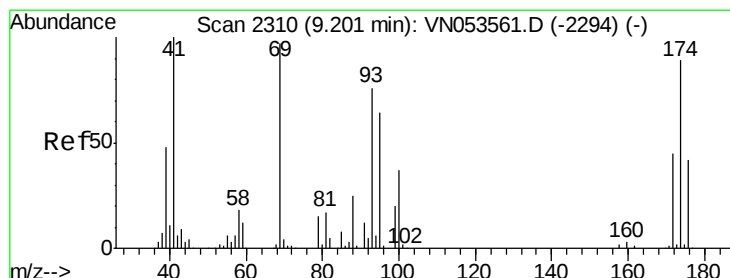
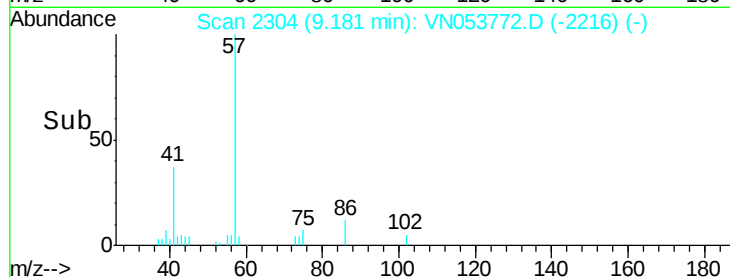
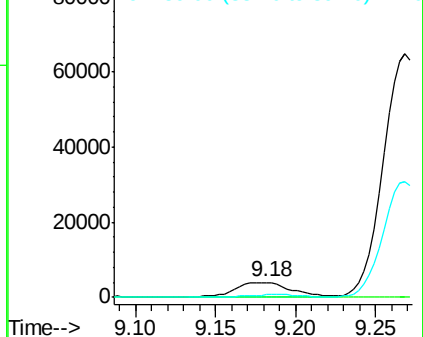
#48
Methyl methacrylate
Concen: 1.865 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 9706
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#

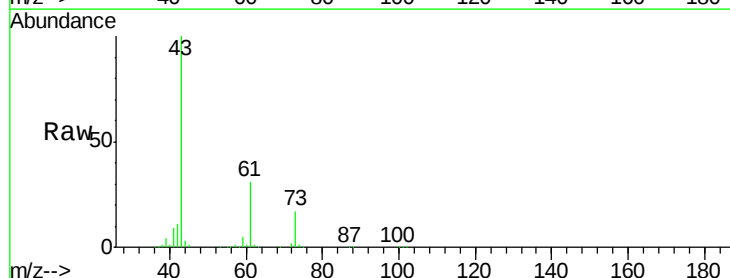


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

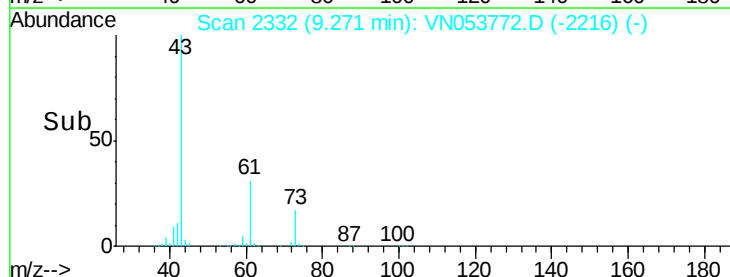
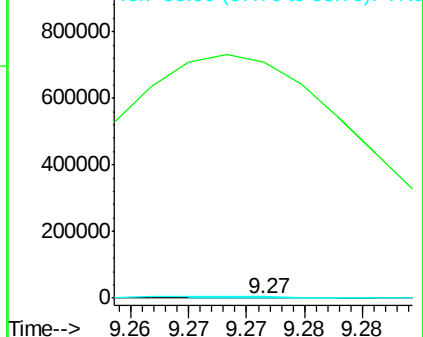


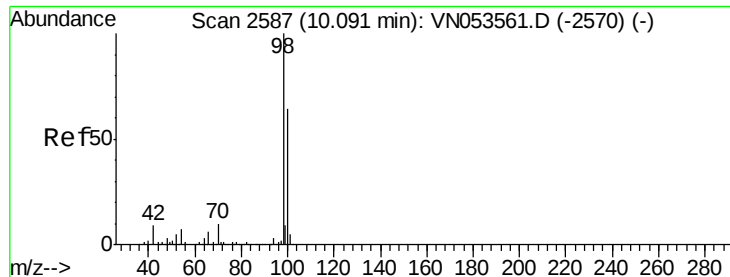
#49
1,4-Dioxane
Concen: 39.506 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 4620315.6 27.8 41.6#
58 24253.1 56.5 84.7#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 51.959 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

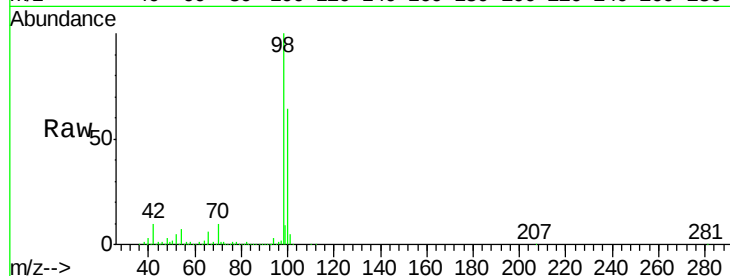
ClientSampleId :

Tot Ion: 98 Resp: 1382306

Ion Ratio Lower Upper

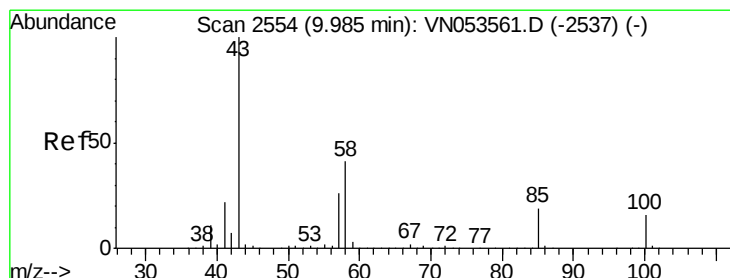
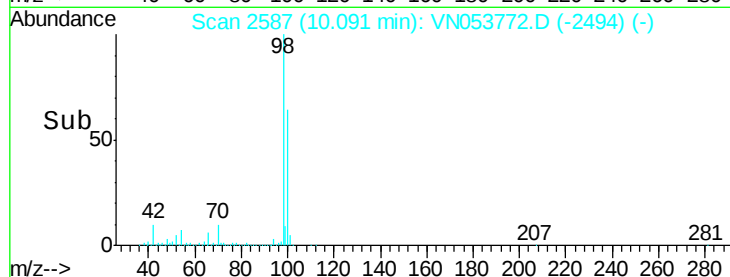
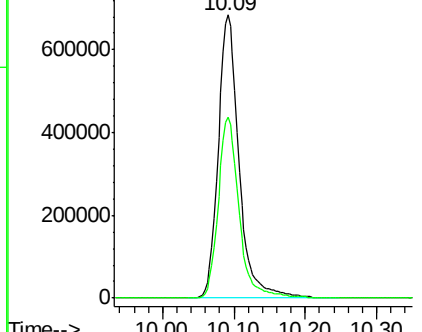
98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.649 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053772.D

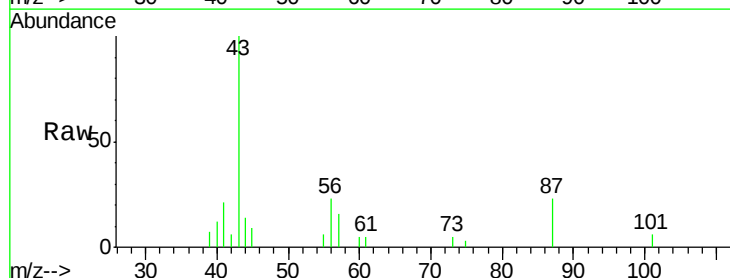
Acq: 14 Feb 2019 12:01

Tgt Ion: 43 Resp: 8836

Ion Ratio Lower Upper

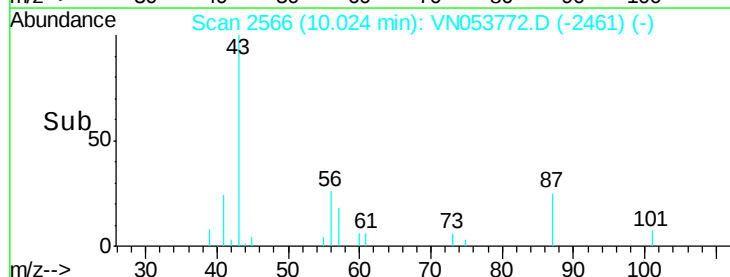
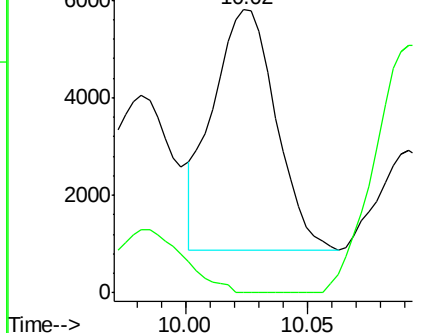
43 100

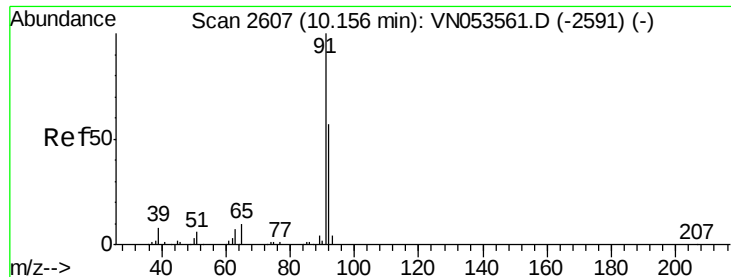
58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-2537) (-)





#52

Toluene

Concen: 1.941 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

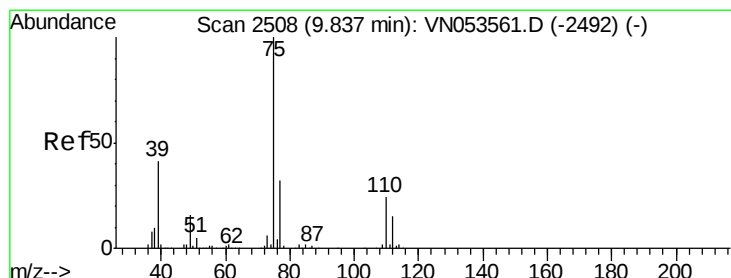
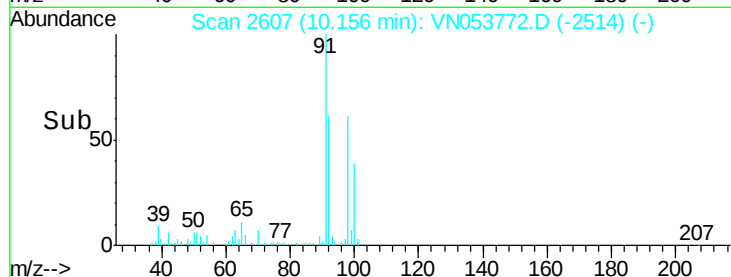
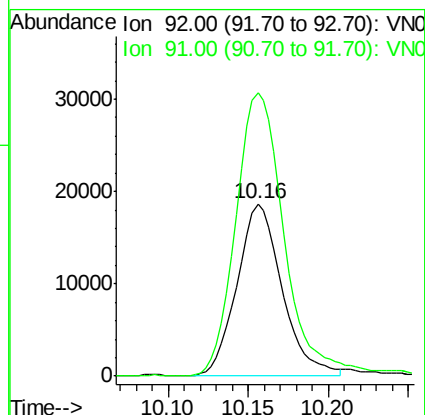
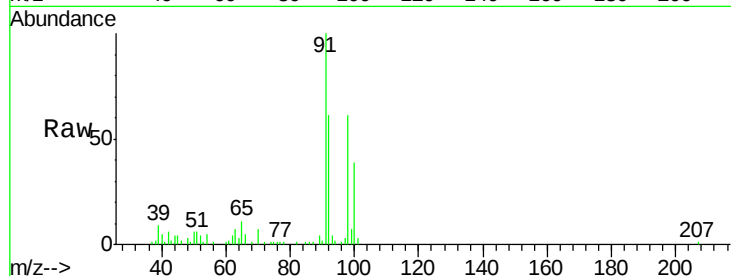
ClientSampleId :

Tot Ion: 92 Resp: 35909

Ion Ratio Lower Upper

92 100

91 178.3 139.9 209.9



#54

cis-1,3-Dichloropropene

Concen: 5.700 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

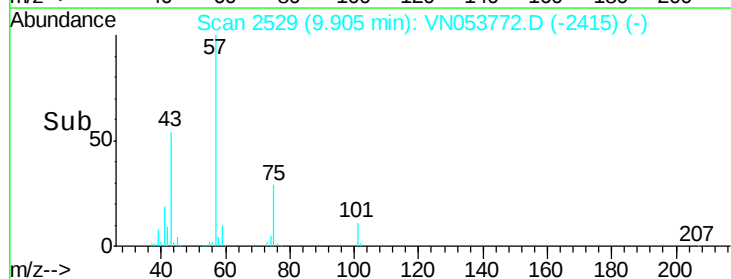
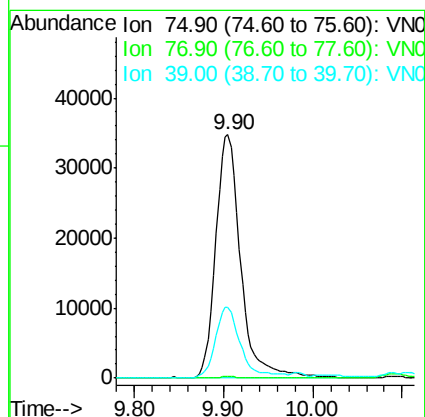
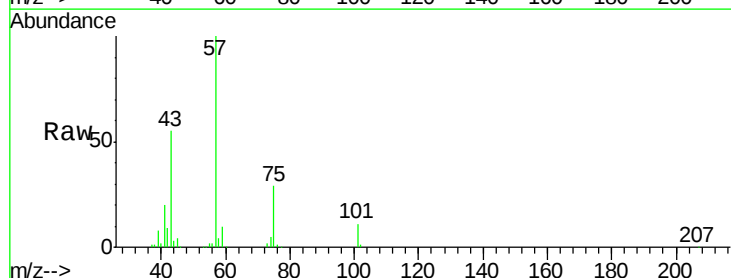
Tgt Ion: 75 Resp: 67584

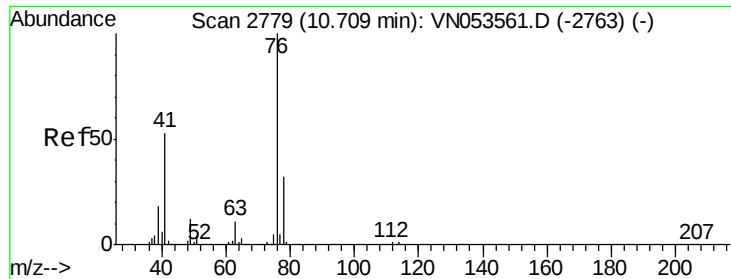
Ion Ratio Lower Upper

75 100

77 0.7 25.8 38.6#

39 29.2 33.4 50.0#

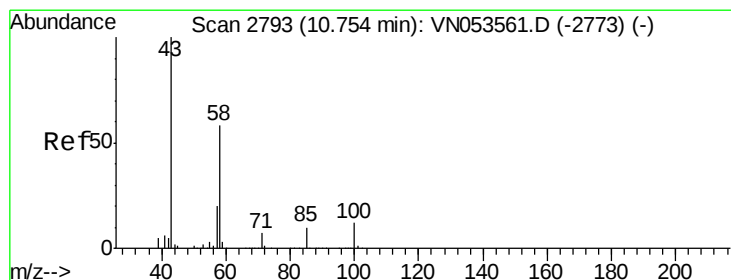
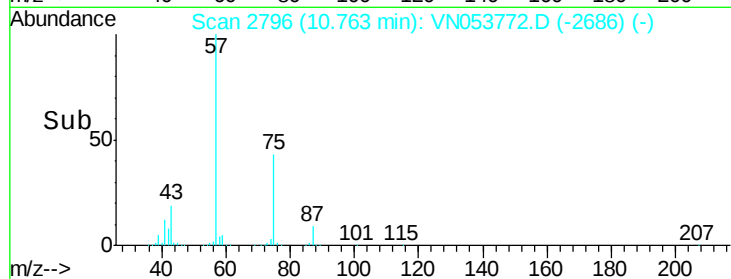
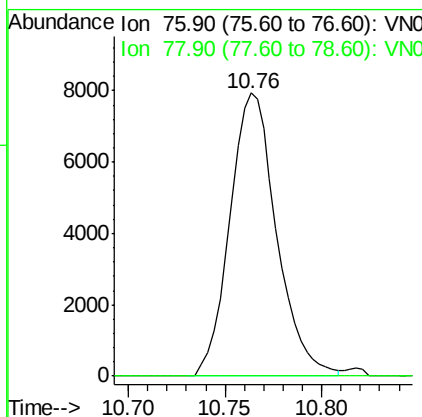
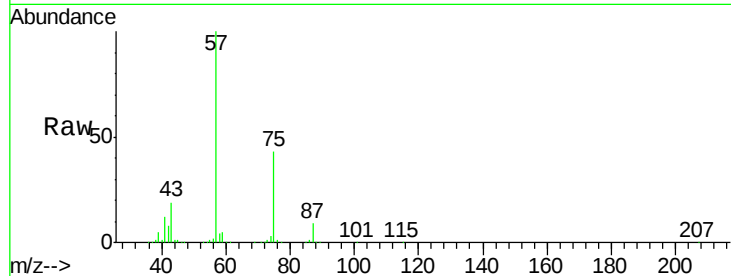




#57
 1,3-Dichloropropane
 Concen: 1.167 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

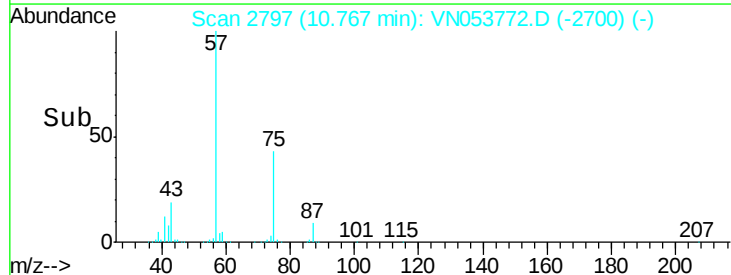
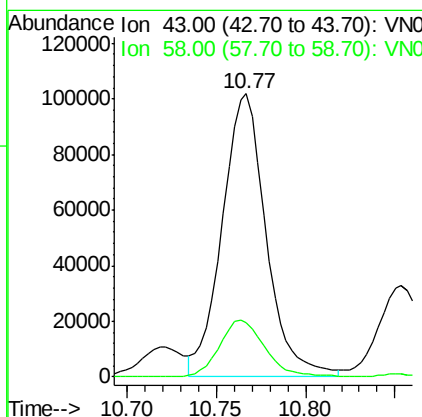
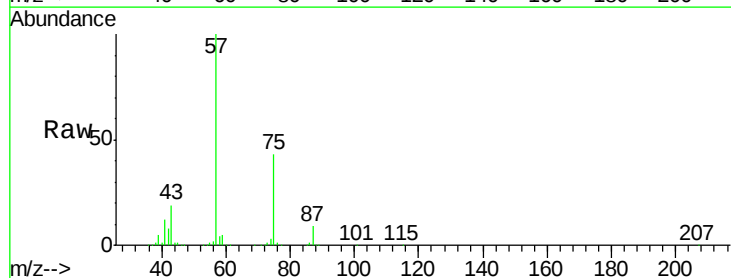
Instrument :
 MSVOA_N
 ClientSampleId :

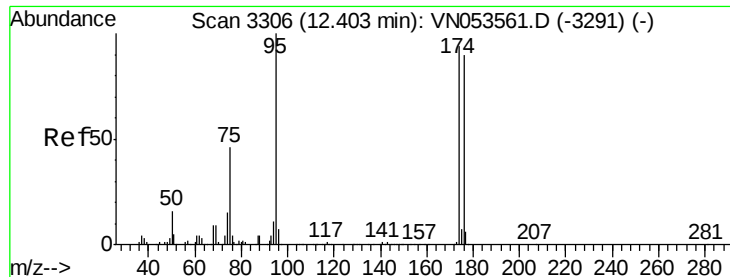
Tot Ion: 76 Resp: 13297
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 47.542 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

Tgt Ion: 43 Resp: 172909
 Ion Ratio Lower Upper
 43 100
 58 21.0 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: 52.086 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

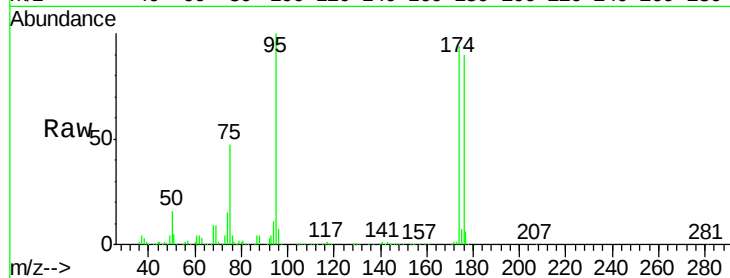
Tot Ion: 95 Resp: 462149

Ion Ratio Lower Upper

95 100

174 94.8 0.0 183.2

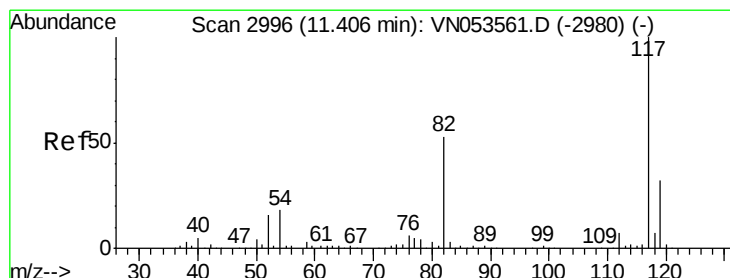
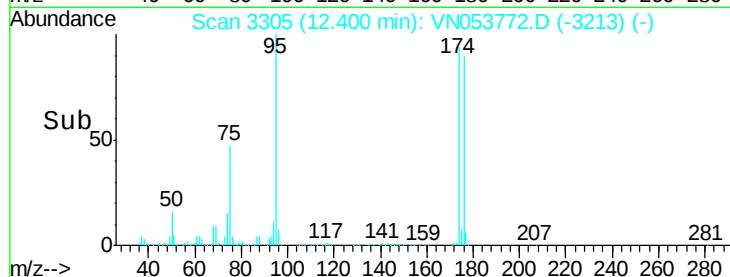
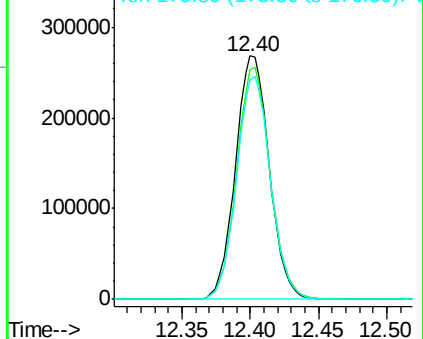
176 91.1 0.0 177.4



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

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

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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

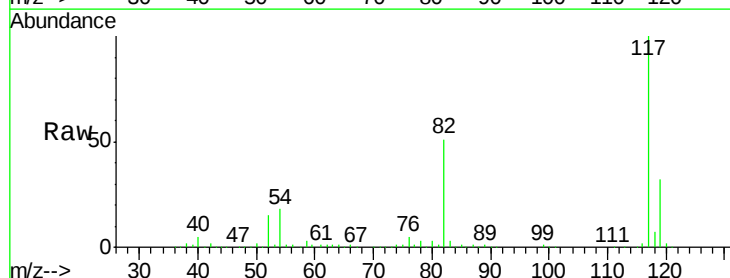
Tgt Ion: 117 Resp: 1057684

Ion Ratio Lower Upper

117 100

82 51.3 42.9 64.3

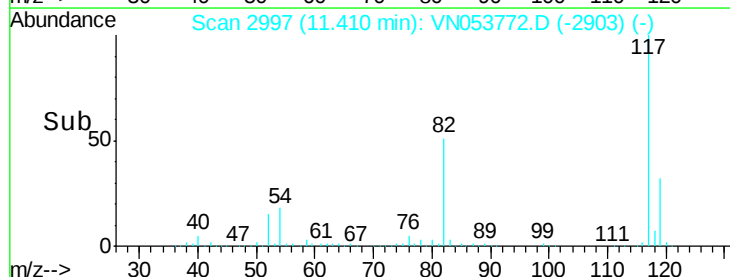
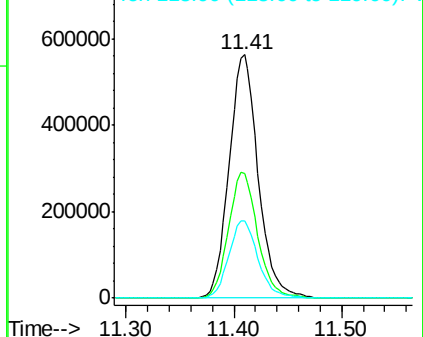
119 31.8 26.0 39.0

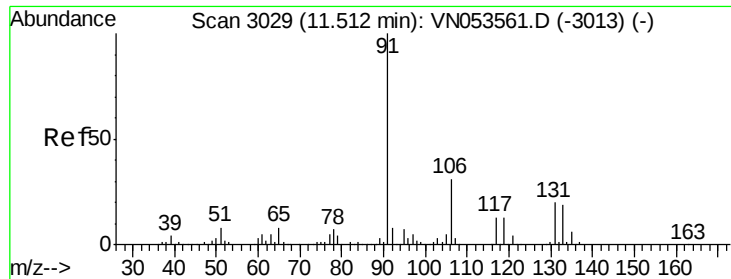


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

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

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





#67

Ethyl Benzene

Concen: 1.103 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

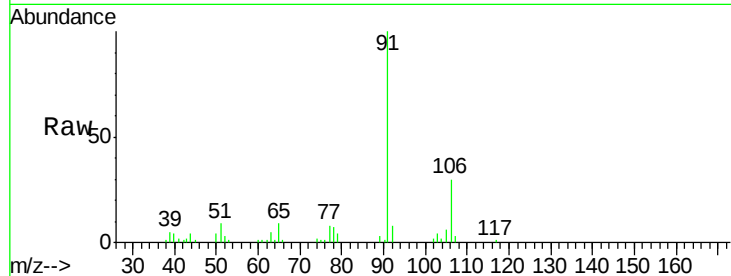
ClientSampleId :

Tot Ion: 91 Resp: 40697

Ion Ratio Lower Upper

91 100

106 29.9 25.0 37.6



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

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

80000

60000

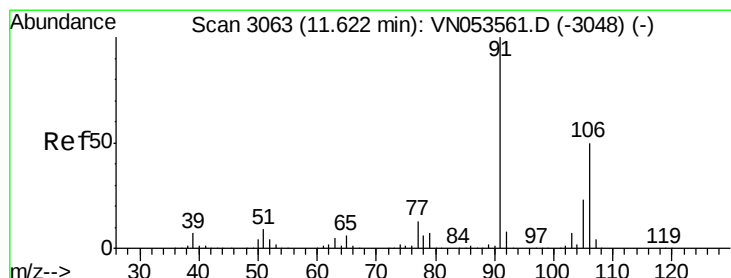
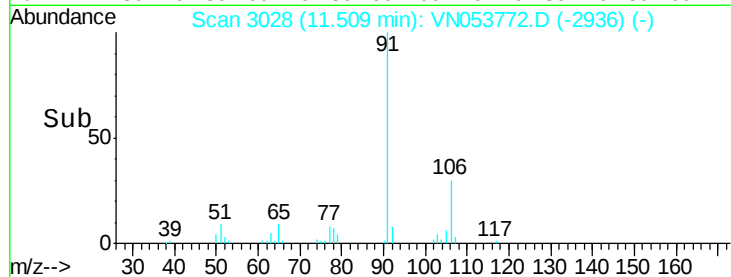
40000

20000

0

11.45 11.50 11.55 11.60

Time-->



#68

m/p-Xylenes

Concen: 4.734 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053772.D

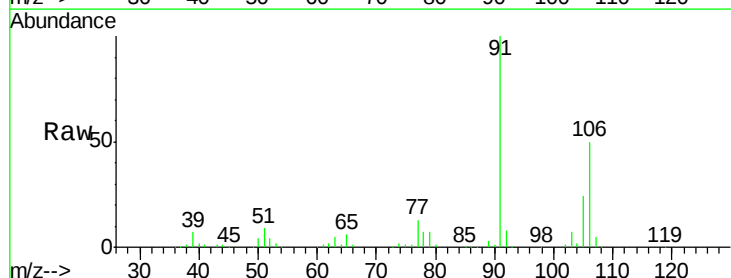
Acq: 14 Feb 2019 12:01

Tgt Ion: 106 Resp: 66687

Ion Ratio Lower Upper

106 100

91 207.4 161.4 242.2



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

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

80000

60000

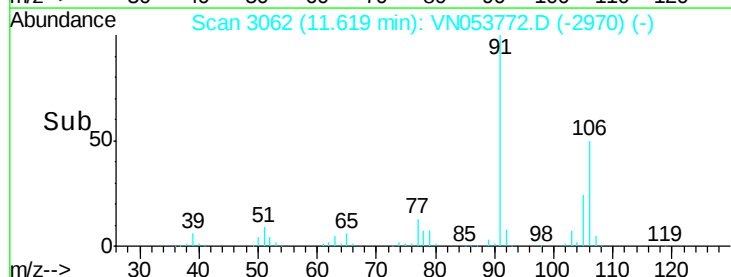
40000

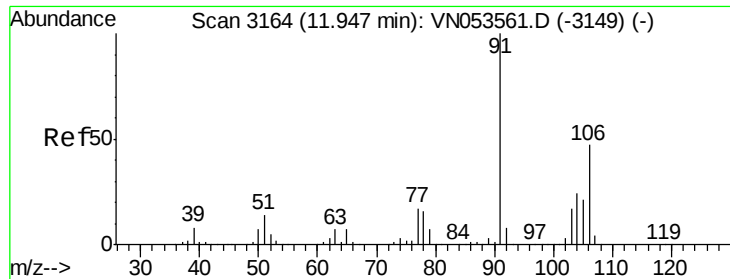
20000

0

11.55 11.60 11.65 11.70

Time-->

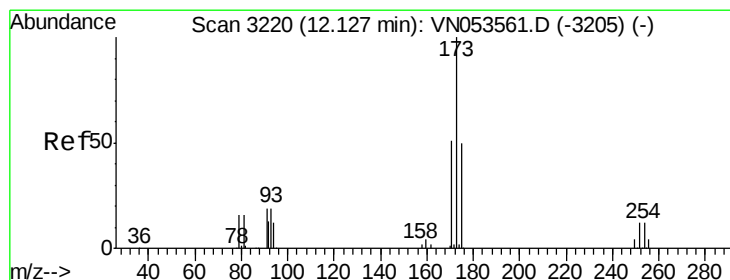
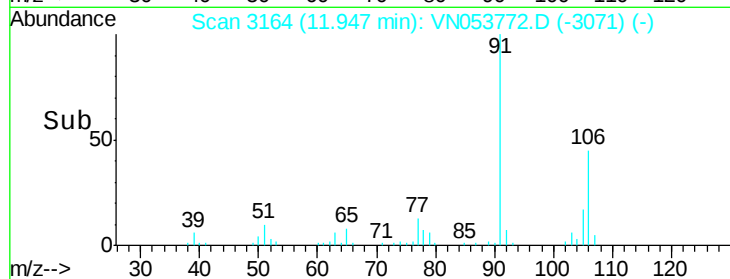
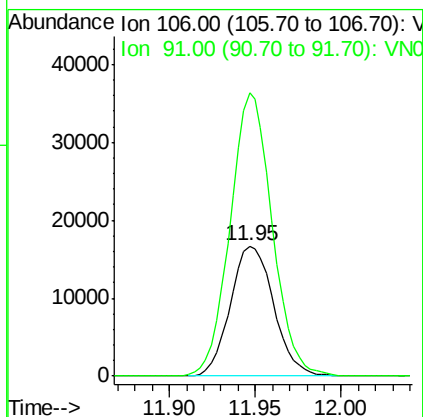
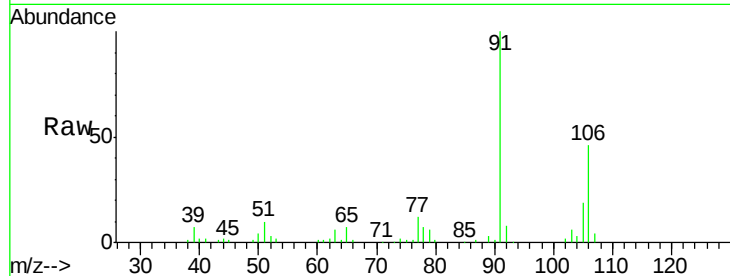




#69
o-Xylene
Concen: 2.156 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

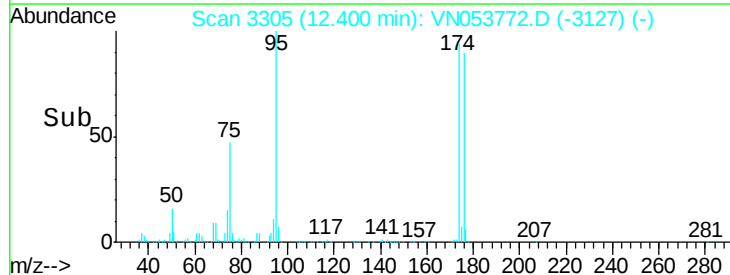
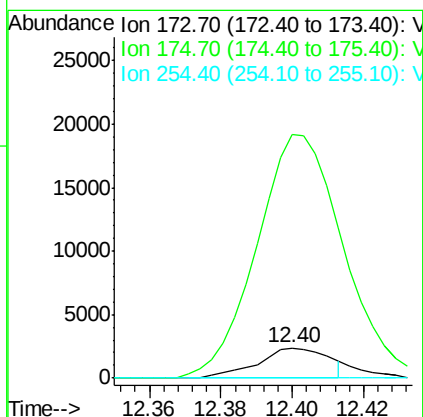
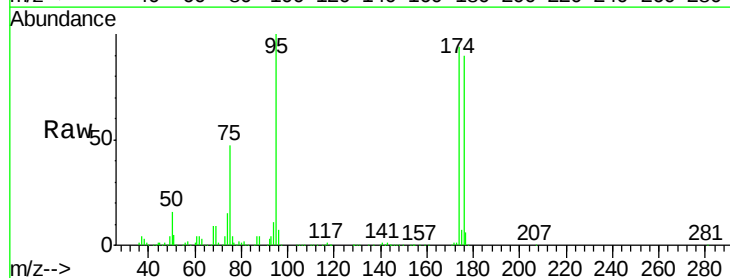
Instrument :
MSVOA_N
ClientSampled :

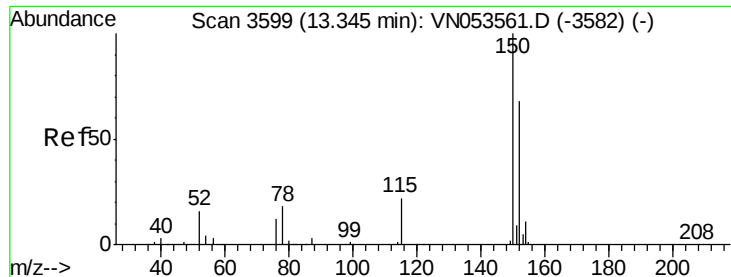
Tot Ion:106 Resp: 29341
Ion Ratio Lower Upper
106 100
91 210.7 106.9 320.8



#71
Bromoform
Concen: 0.606 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053772.D
Acq: 14 Feb 2019 12:01

Tgt Ion:173 Resp: 3259
Ion Ratio Lower Upper
173 100
175 843.0 24.6 74.0#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

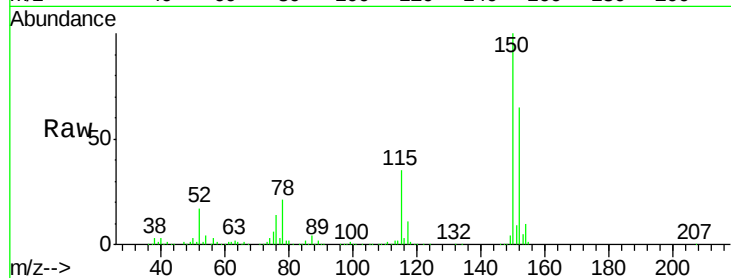
Tot Ion:152 Resp: 439230

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

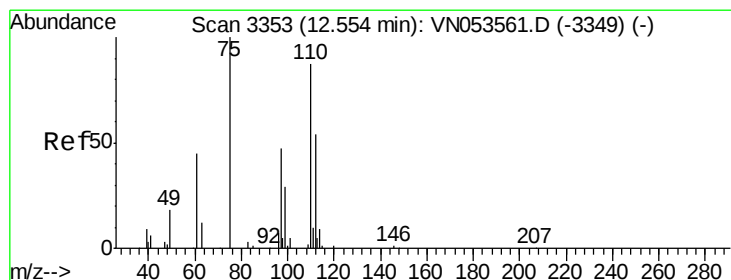
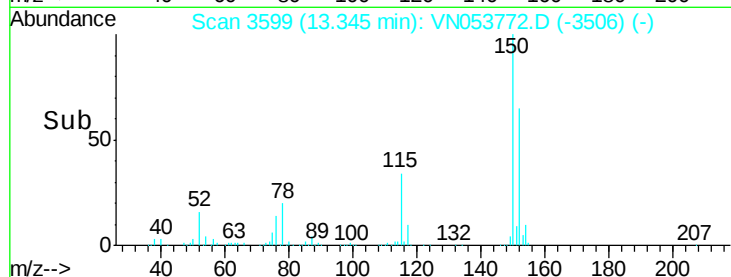
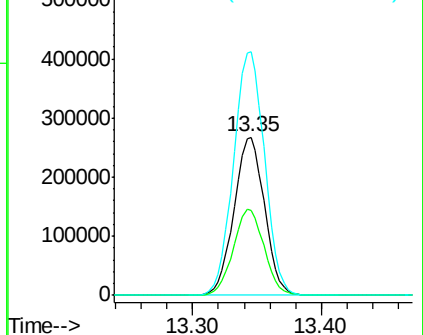
150 156.8 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 37.880 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053772.D

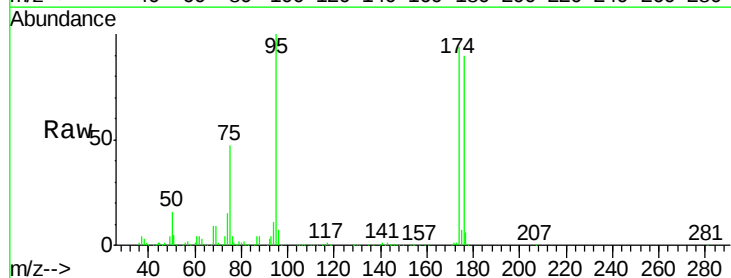
Acq: 14 Feb 2019 12:01

Tgt Ion: 75 Resp: 213703

Ion Ratio Lower Upper

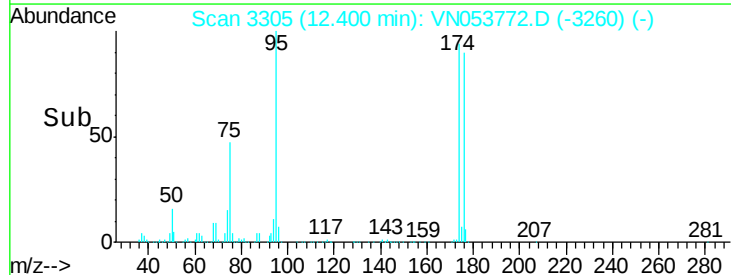
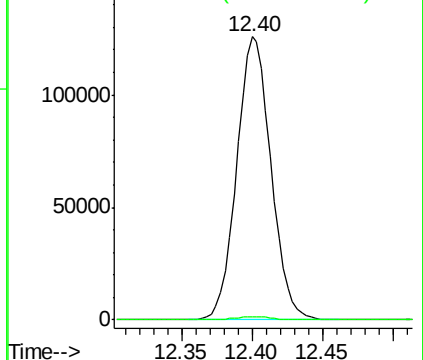
75 100

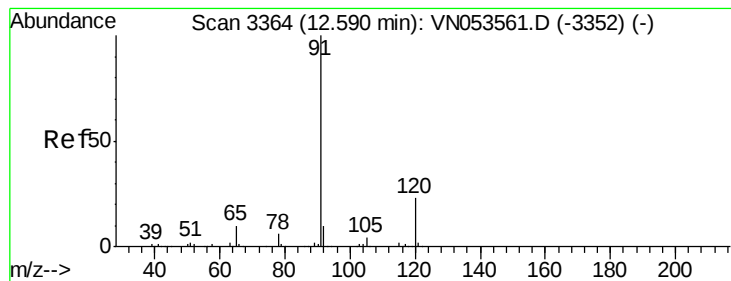
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.664 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

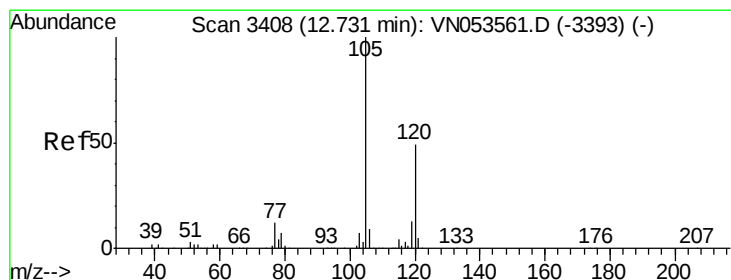
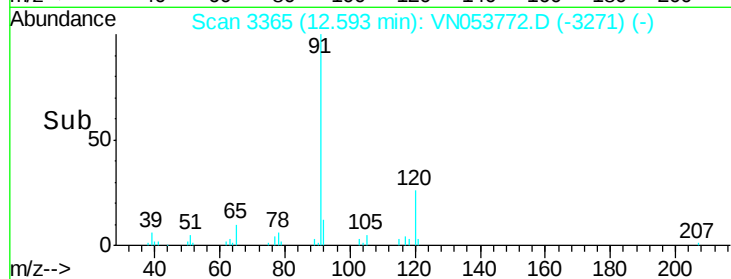
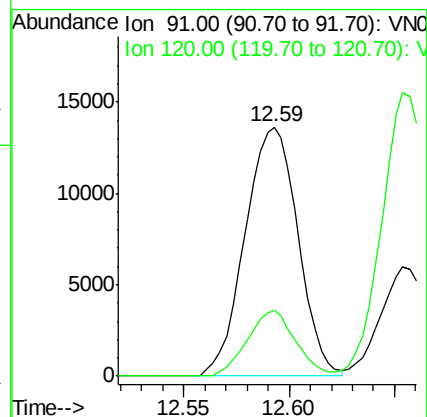
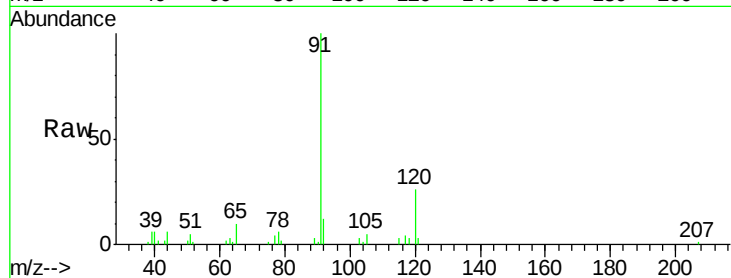
ClientSampleId :

Tot Ion: 91 Resp: 23714

Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 1.820 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053772.D

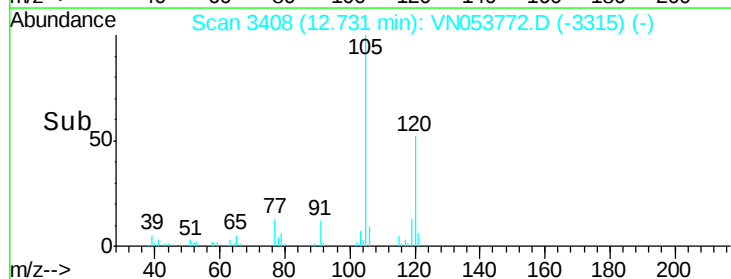
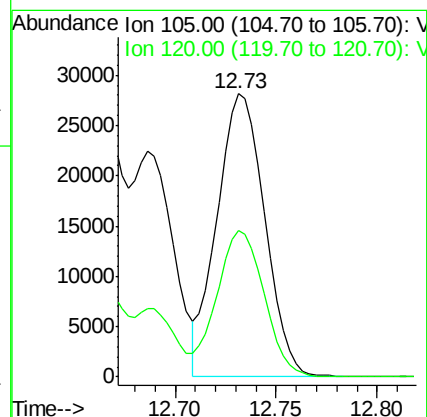
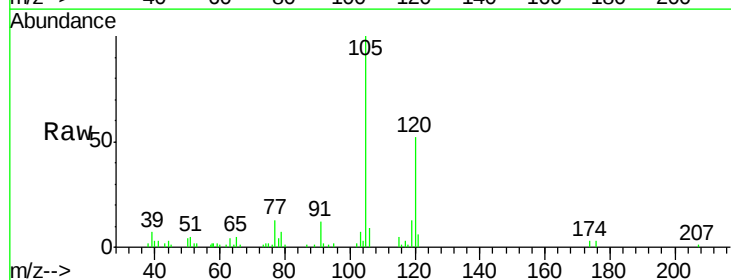
Acq: 14 Feb 2019 12:01

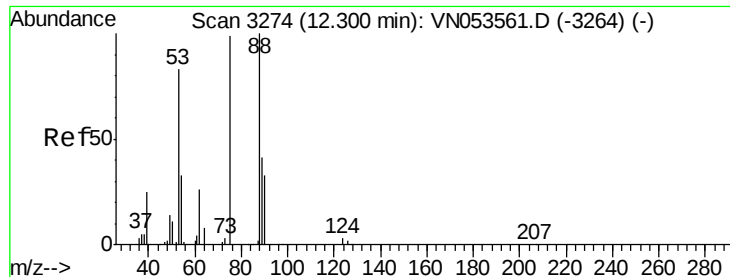
Tgt Ion: 105 Resp: 46597

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 106.514 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053772.D

Acq: 14 Feb 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

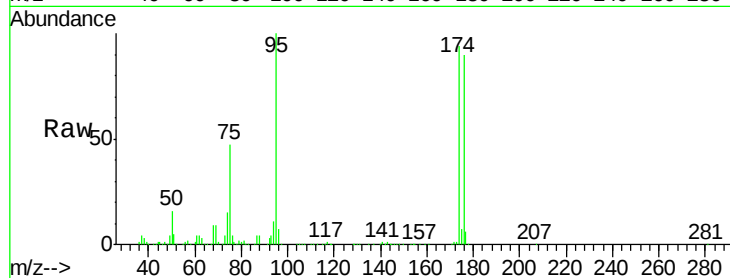
Tot Ion: 75 Resp: 213703

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

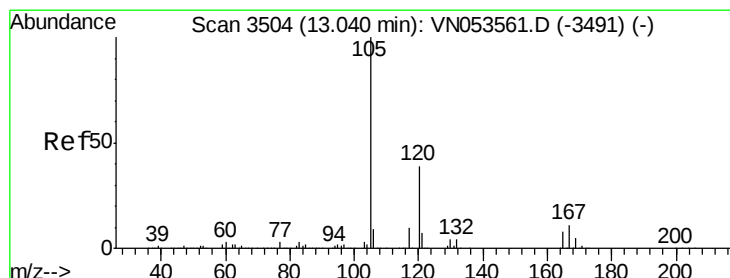
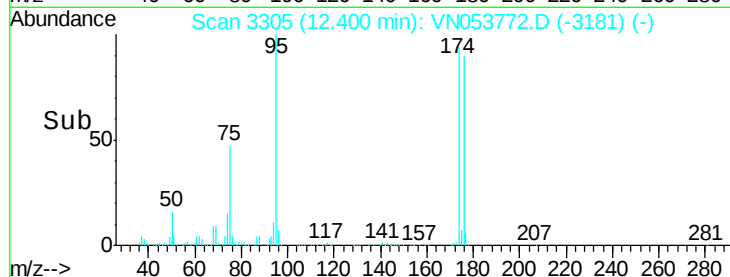
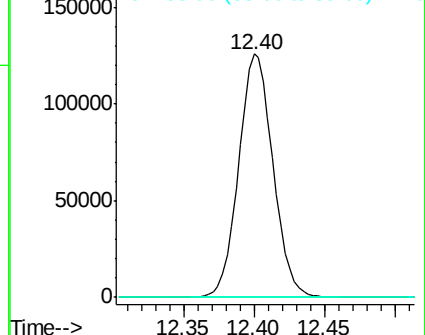
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053772.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053772.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053772.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 6.301 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053772.D

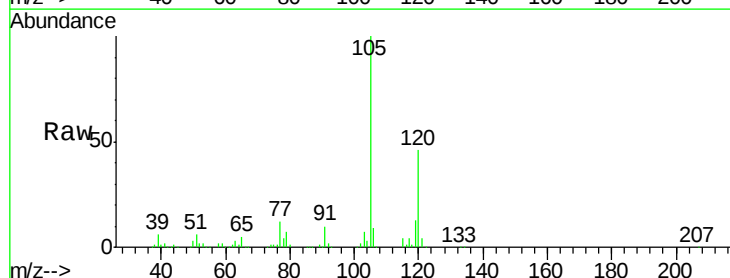
Acq: 14 Feb 2019 12:01

Tgt Ion: 105 Resp: 164373

Ion Ratio Lower Upper

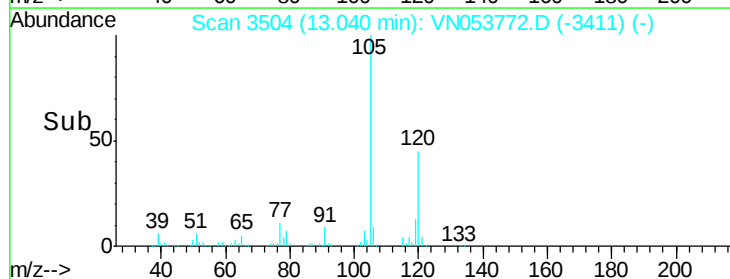
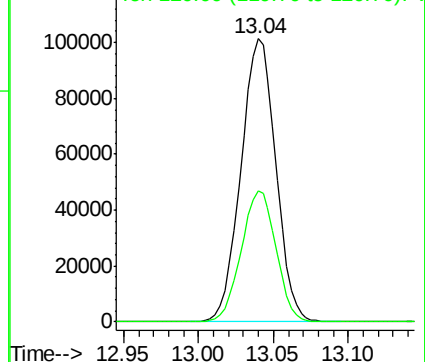
105 100

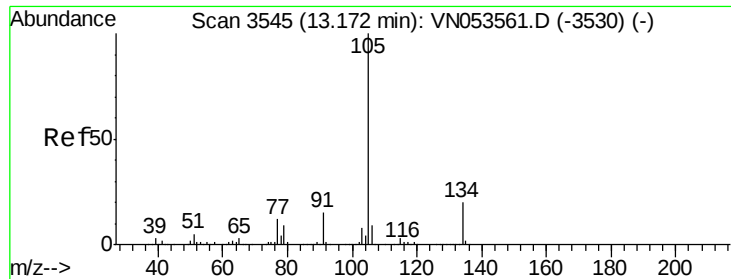
120 46.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053772.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN053772.D (-3411) (-)

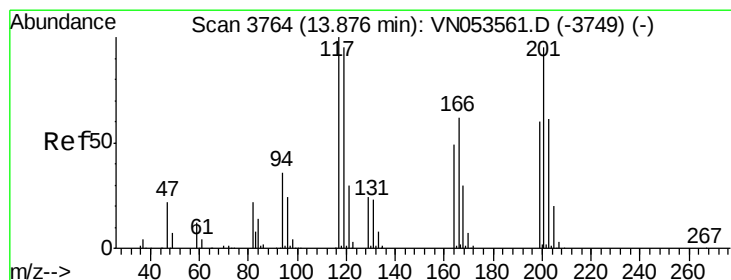
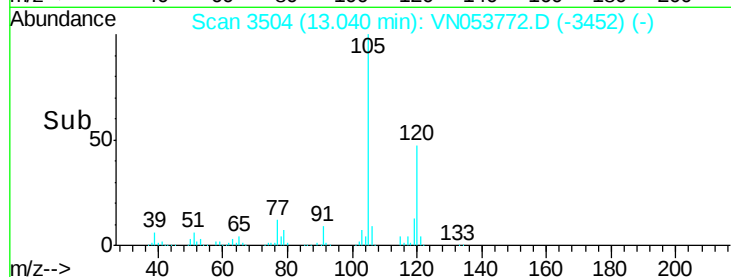
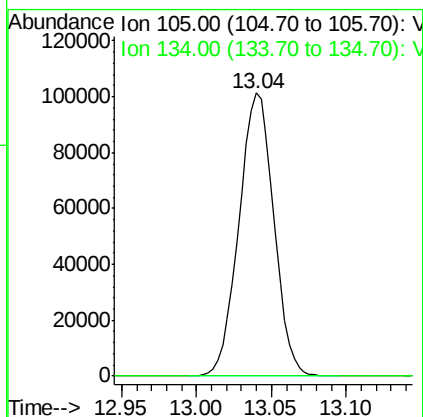
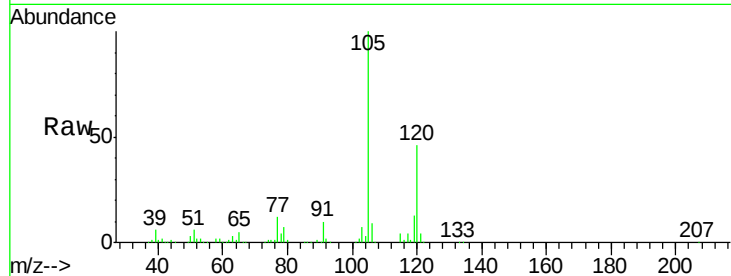




#85
 sec-Butylbenzene
 Concen: 5.338 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

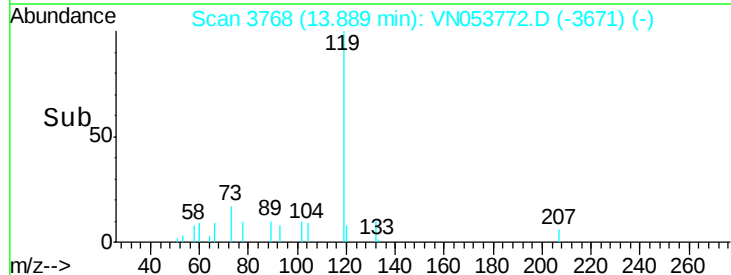
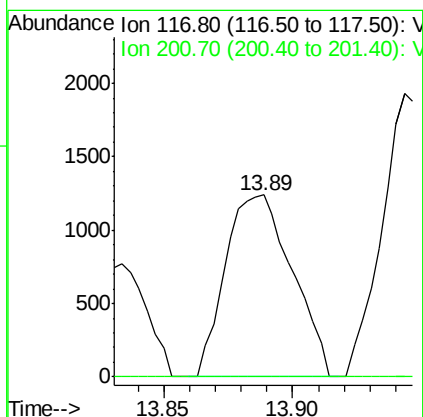
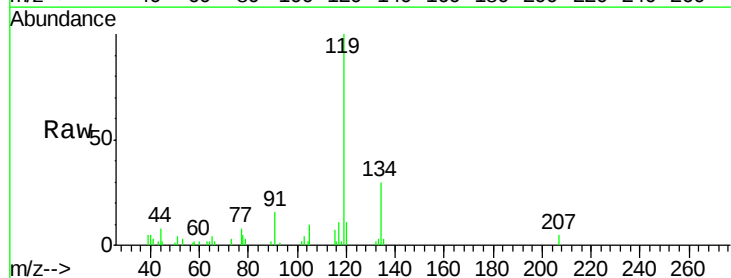
Instrument :
 MSVOA_N
 ClientSampled :

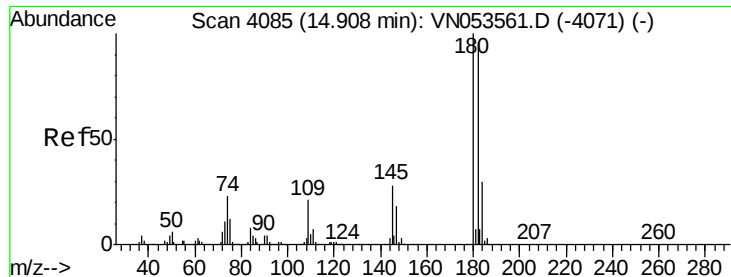
Tot Ion:105 Resp: 164373
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.2 30.6#



#90
 Hexachloroethane
 Concen: 0.504 ug/l
 RT: 13.89 min Scan# 3768
 Delta R.T. 0.01 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

Tgt Ion:117 Resp: 2239
 Ion Ratio Lower Upper
 117 100
 201 0.0 46.8 140.4#

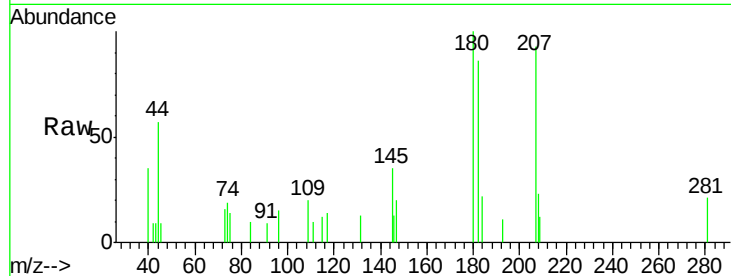




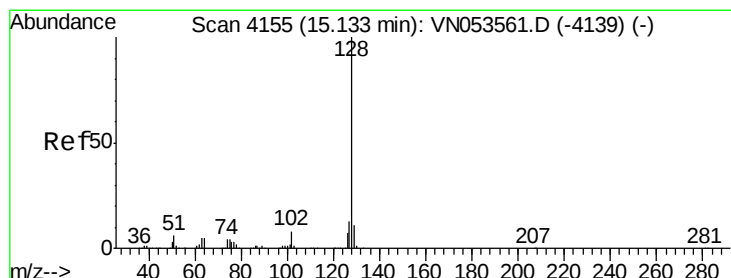
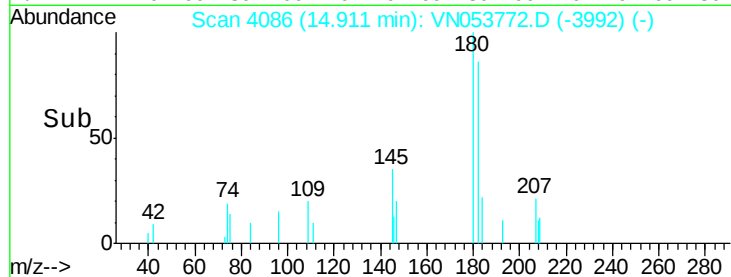
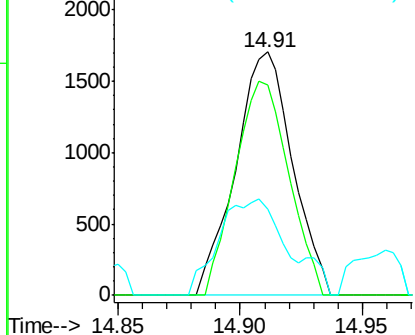
#93
 1,2,4-Trichlorobenzene
 Concen: 0.336 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2756
 Ion Ratio Lower Upper
 180 100
 182 83.1 48.1 144.3
 145 43.4 13.9 41.6#

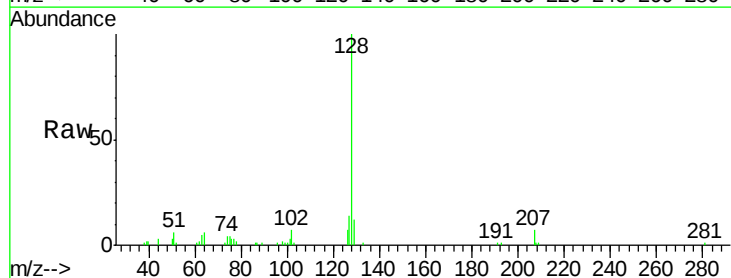


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

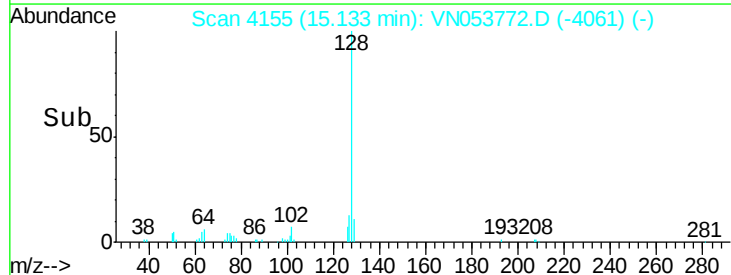
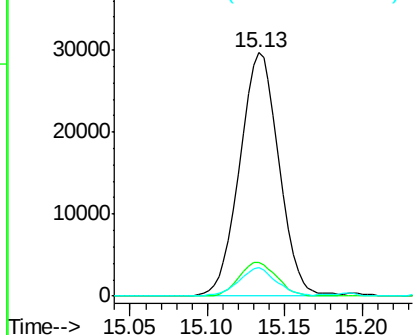


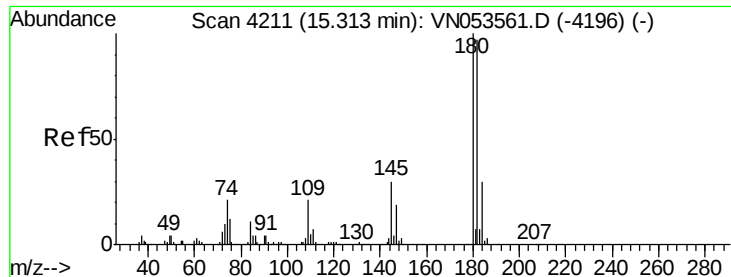
#95
 Naphthalene
 Concen: 4.360 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

Tgt Ion:128 Resp: 52451
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 11.2 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





#96
 1,2,3-Trichlorobenzene
 Concen: 0.371 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053772.D
 Acq: 14 Feb 2019 12:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2831
 Ion Ratio Lower Upper
 180 100
 182 101.3 47.9 143.8
 145 22.0 14.7 44.1

