

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053894.D
 Acq On : 21 Feb 2019 16:03
 Operator : JC/SP
 Sample : K1544-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-20420

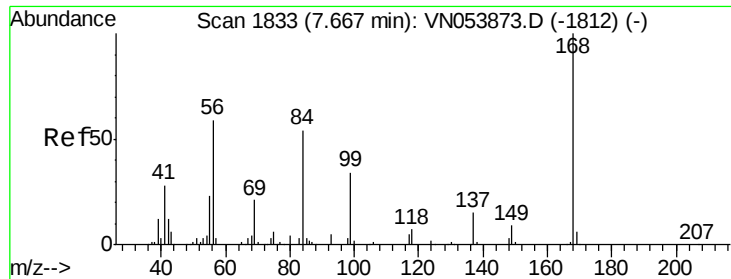
Quant Time: Feb 22 00:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	614543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1047348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1010646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	410594	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	336684	53.61	ug/l	0.00
Spiked Amount			Recovery	=	107.22%	
35) Dibromofluoromethane	7.59	113	333687	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	10.09	98	1284150	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.40	95	431977	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	1211	3.089	ug/l #	73
13) Acrolein	3.62	56	61	0.218	ug/l #	1
16) Acetone	3.82	43	27242	15.772	ug/l	96
18) Methyl Acetate	4.33	43	3704	0.909	ug/l #	63
20) Methylene Chloride	4.55	84	51607	7.981	ug/l	98
25) 2-Butanone	6.85	43	8609	3.863	ug/l	99
29) Tetrahydrofuran	7.22	42	1028	0.713	ug/l #	66
31) Cyclohexane	7.66	56	9010	0.369	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	34963	3.642	ug/l #	48
37) Ethyl Acetate	6.93	43	615	0.325	ug/l #	67
38) Carbon Tetrachloride	7.67	117	50041	5.218	ug/l #	17
41) Methacrylonitrile	7.21	41	700	Below Cal	#	100
43) Isopropyl Acetate	8.18	43	34078	3.328	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	1559	0.215	ug/l #	44
48) Methyl methacrylate	9.18	41	8761	1.995	ug/l #	22
49) 1,4-Dioxane	9.26	88	108	23.675	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	14910	9.281	ug/l #	84
52) Toluene	10.15	92	3757	0.223	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	57710	5.479	ug/l #	63
56) Ethyl methacrylate	10.55	69	1195	2.610	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	8646	0.835	ug/l #	43
59) 2-Hexanone	10.76	43	113899	35.453	ug/l #	51
68) m/p-Xylenes	11.62	106	4737	0.357	ug/l	98
71) Bromoform	12.40	173	3098	0.565	ug/l #	1
74) N-amyl acetate	12.03	43	2655	0.400	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	199573	33.110	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9047	0.377	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	199573	109.306	ug/l #	15
95) Naphthalene	15.13	128	23022	5.895	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

Instrument :

MSVOA_N

ClientSampleId :

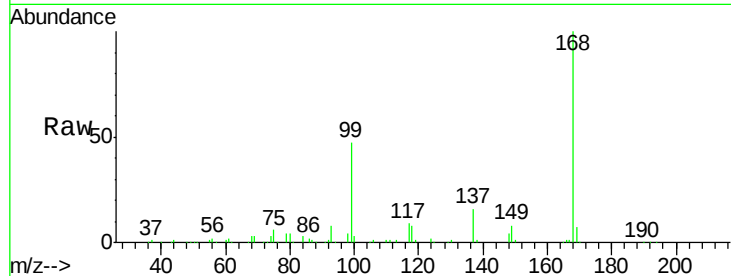
CHRT-20420

Tot Ion:168 Resp: 614543

Ion Ratio Lower Upper

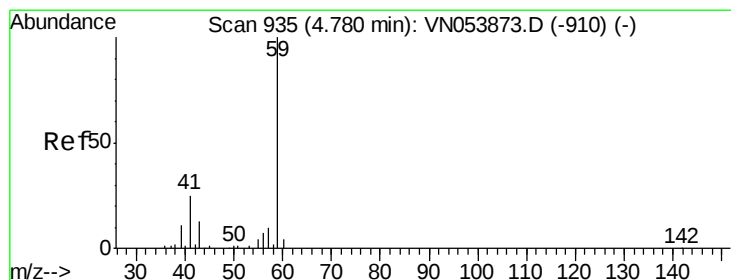
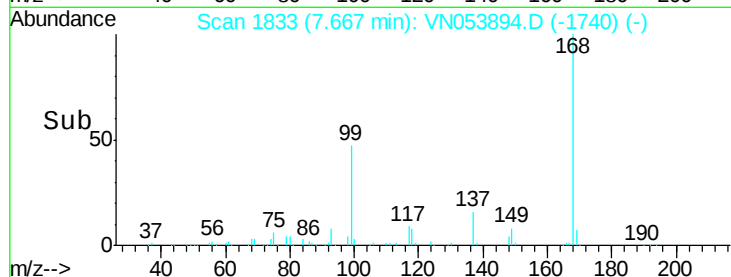
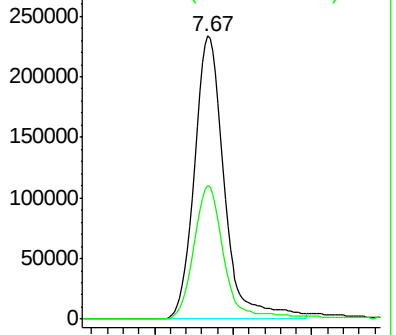
168 100

99 47.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 3.089 ug/l

RT: 4.78 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN053894.D

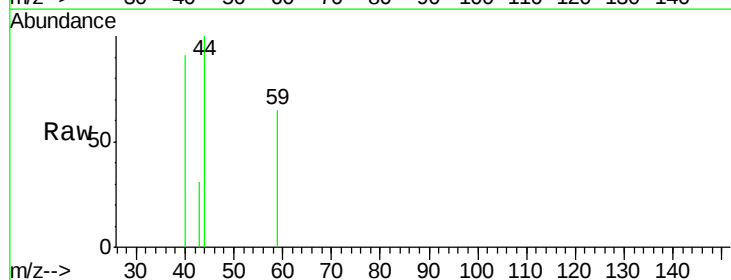
Acq: 21 Feb 2019 16:03

Tgt Ion: 59 Resp: 1211

Ion Ratio Lower Upper

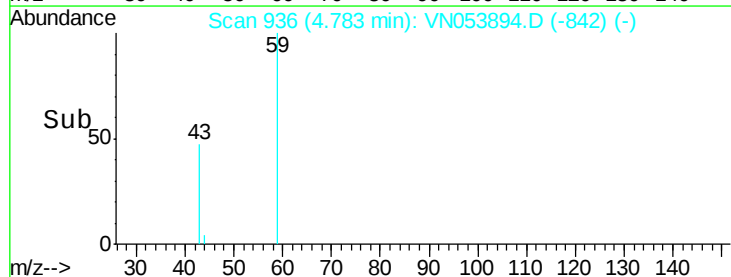
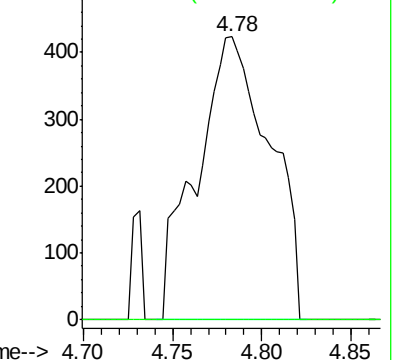
59 100

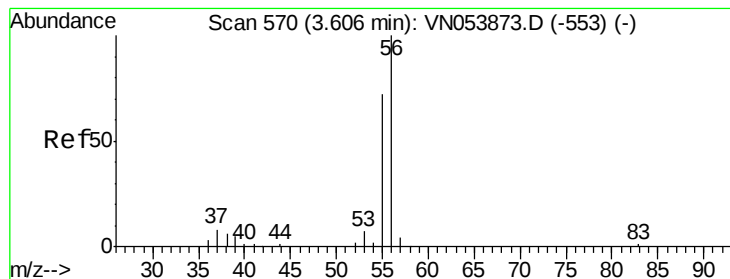
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 0.218 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

Instrument :

MSVOA_N

ClientSampleId :

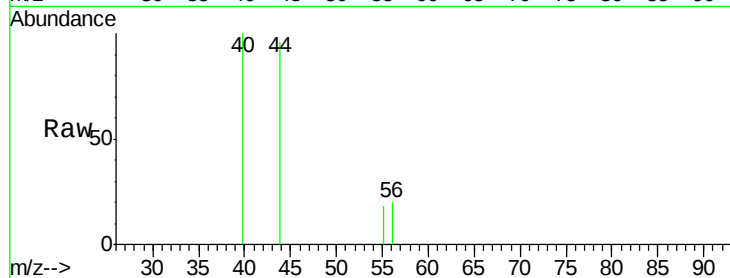
CHRT-20420

Tot Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 157.4 56.3 84.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

200

150

100

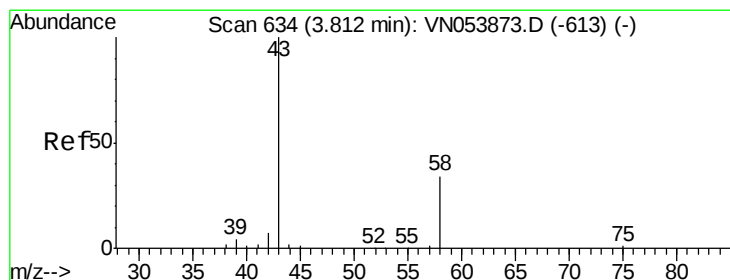
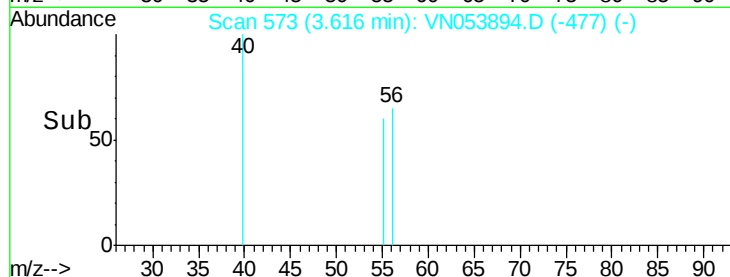
50

0

3.60 3.61 3.62

3.62

Time-->



#16

Acetone

Concen: 15.772 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053894.D

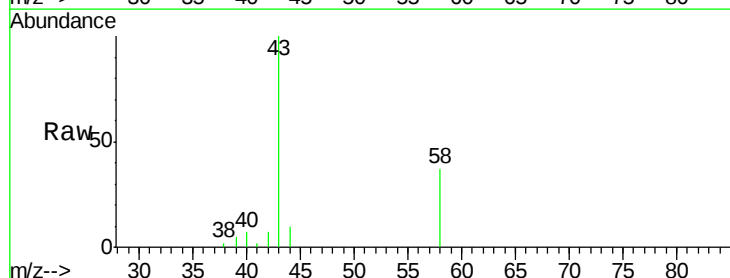
Acq: 21 Feb 2019 16:03

Tgt Ion: 43 Resp: 27242

Ion Ratio Lower Upper

43 100

58 36.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

6000

4000

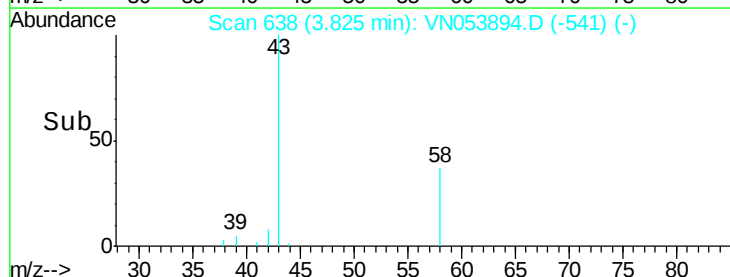
2000

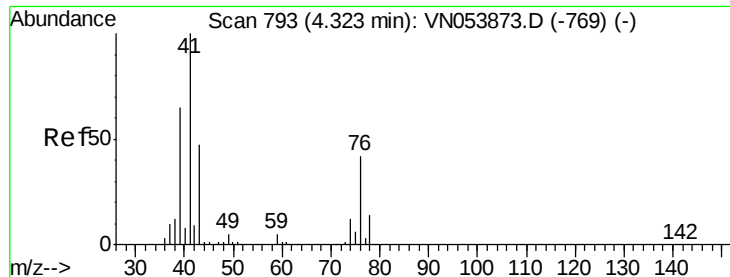
0

3.70 3.80 3.90

3.82

Time-->

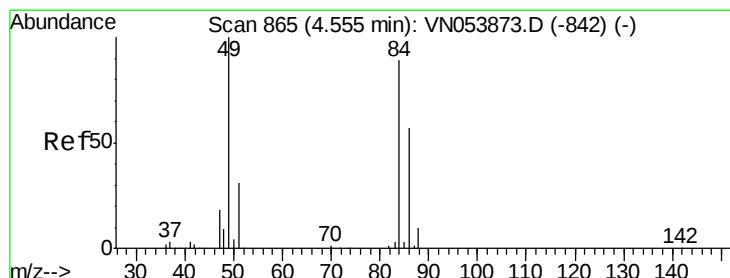
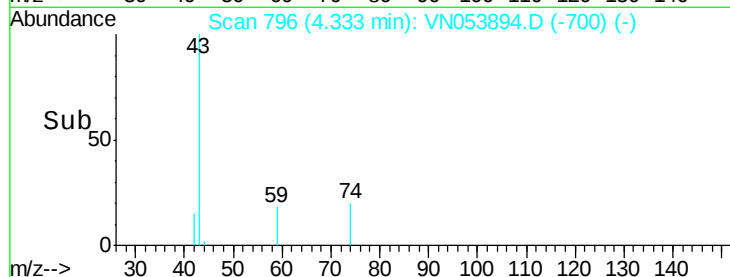
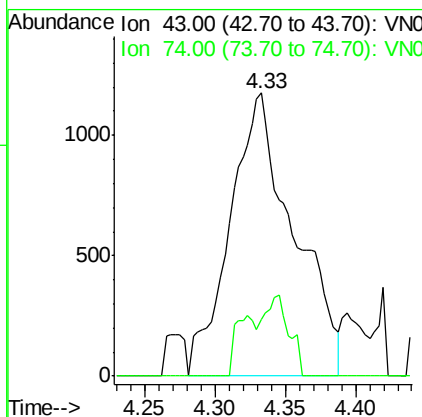
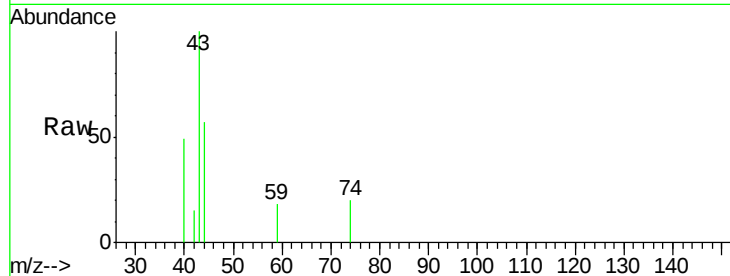




#18
Methyl Acetate
Concen: 0.909 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053894.D
Acq: 21 Feb 2019 16:03

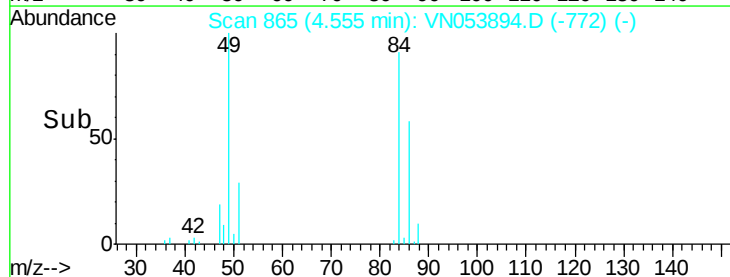
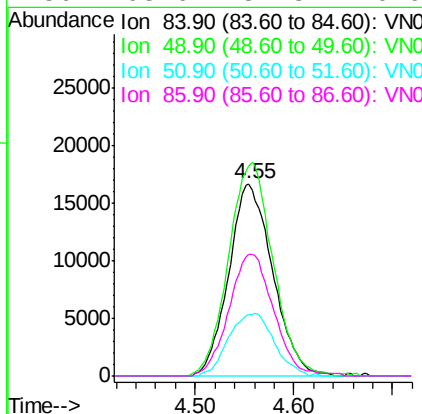
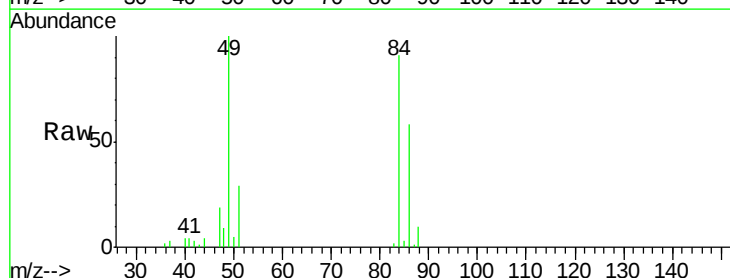
Instrument :
MSVOA_N
ClientSampled :
CHRT-20420

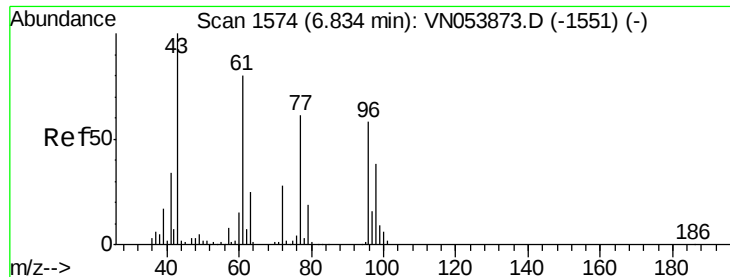
Tot Ion: 43 Resp: 3704
Ion Ratio Lower Upper
43 100
74 7.0 20.5 30.7#



#20
Methylene Chloride
Concen: 7.981 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053894.D
Acq: 21 Feb 2019 16:03

Tgt Ion: 84 Resp: 51607
Ion Ratio Lower Upper
84 100
49 109.5 89.7 134.5
51 32.3 27.8 41.8
86 63.6 51.3 76.9





#25

2-Butanone

Concen: 3.863 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

Instrument :

MSVOA_N

ClientSampleId :

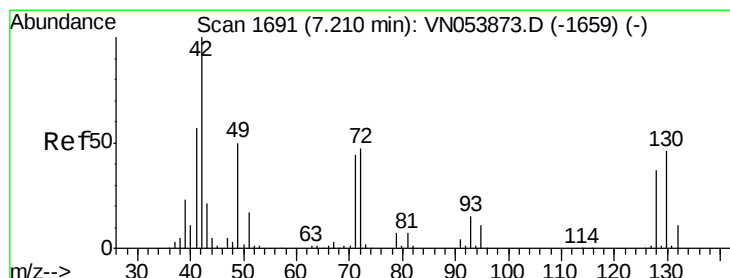
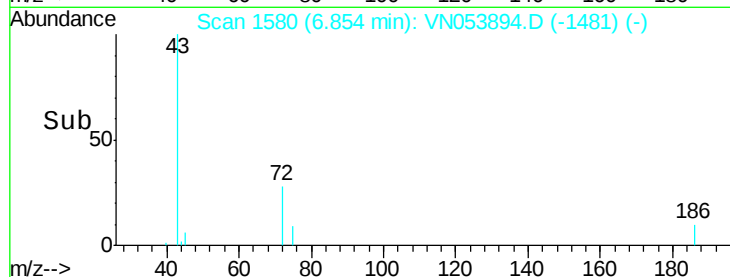
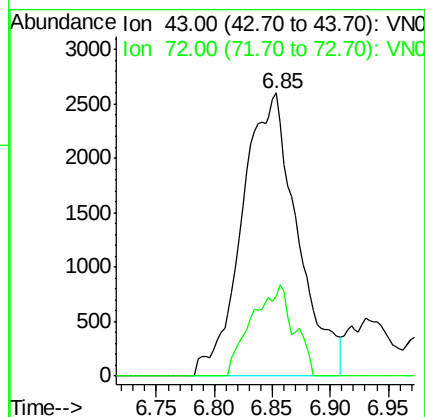
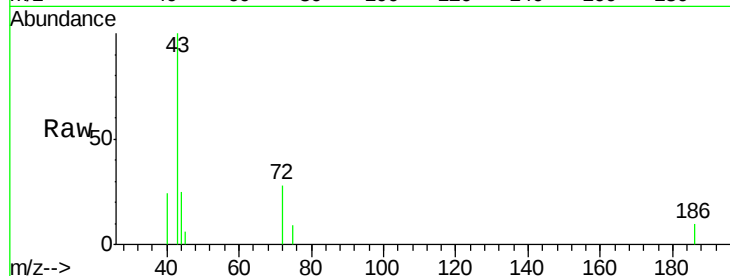
CHRT-20420

Tot Ion: 43 Resp: 8609

Ion Ratio Lower Upper

43 100

72 28.1 22.1 33.1



#29

Tetrahydrofuran

Concen: 0.713 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

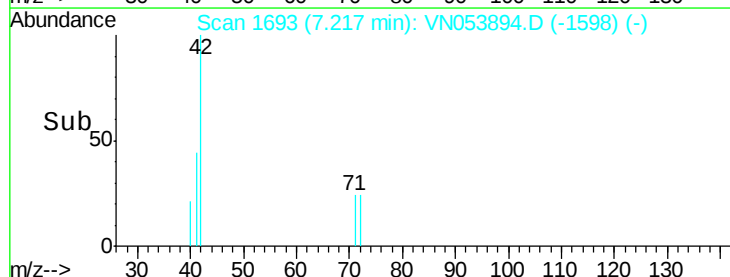
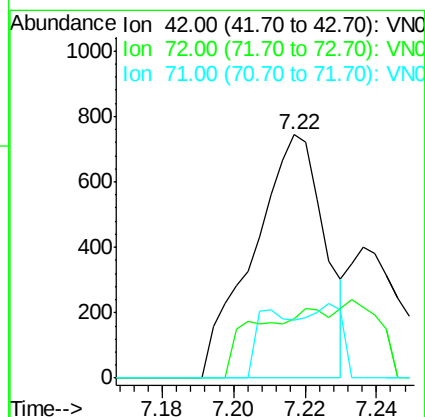
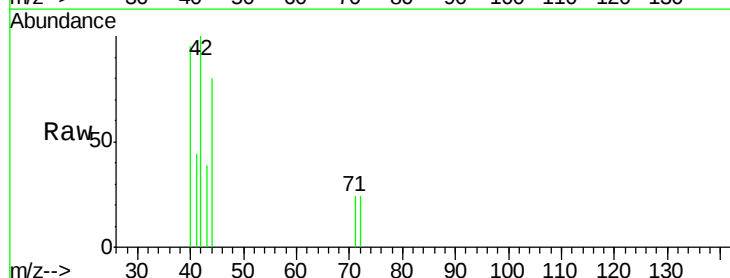
Tgt Ion: 42 Resp: 1028

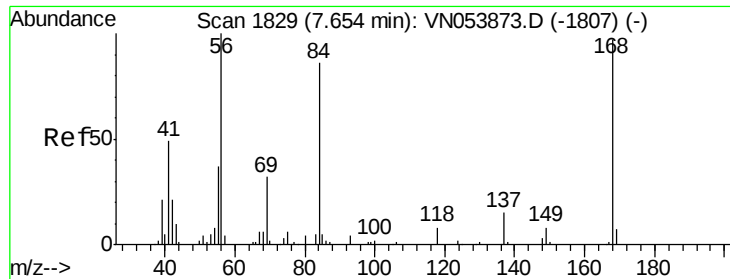
Ion Ratio Lower Upper

42 100

72 30.3 36.9 55.3#

71 14.5 34.6 52.0#

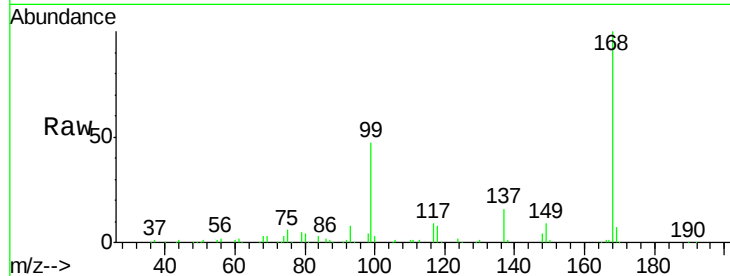




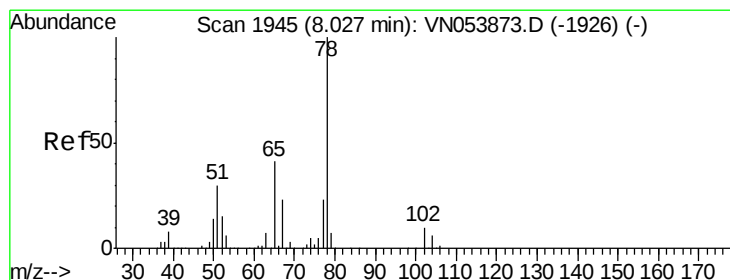
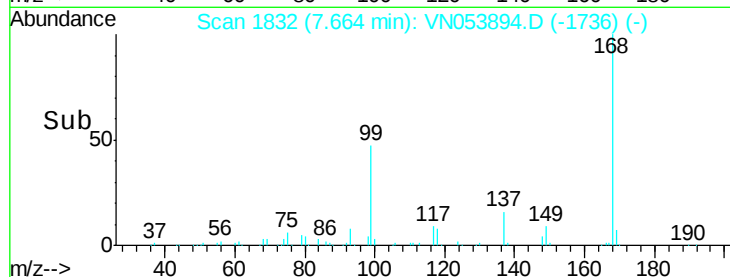
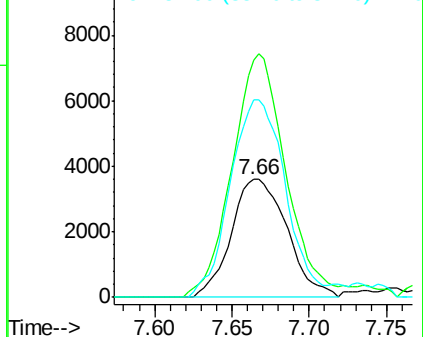
#31
Cyclohexane
Concen: 0.369 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053894.D
Acq: 21 Feb 2019 16:03

Instrument :
MSVOA_N
ClientSampleId :
CHRT-20420

Tot Ion: 56 Resp: 9010
Ion Ratio Lower Upper
56 100
69 197.8 26.0 39.0#
84 167.8 69.1 103.7#

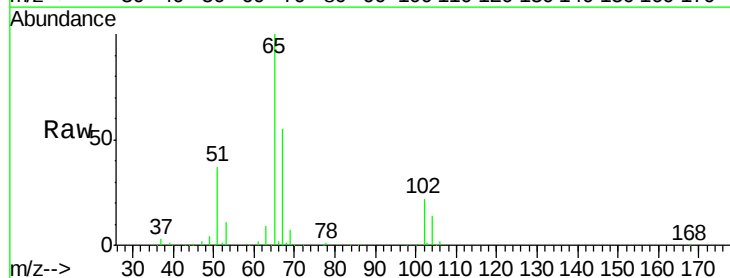


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

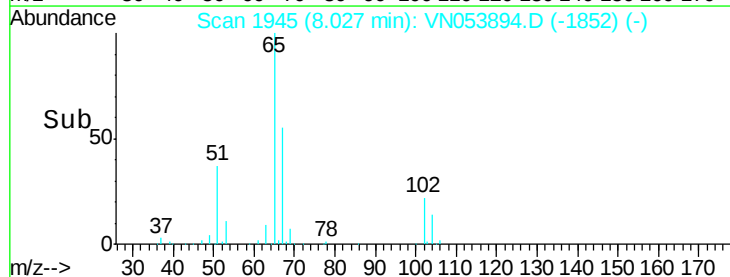
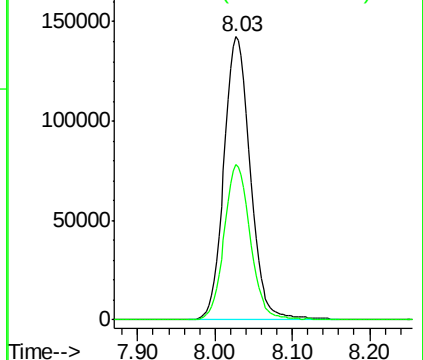


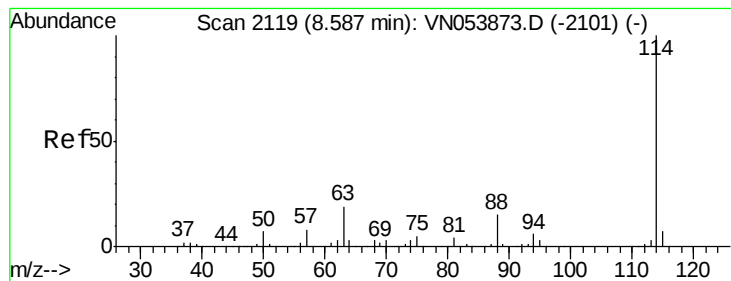
#33
1,2-Dichloroethane-d4
Concen: 53.608 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053894.D
Acq: 21 Feb 2019 16:03

Tgt Ion: 65 Resp: 336684
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.8



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: VN053894.D

Acq: 21 Feb 2019 16:03

Instrument :

MSVOA_N

ClientSampleId :

CHRT-20420

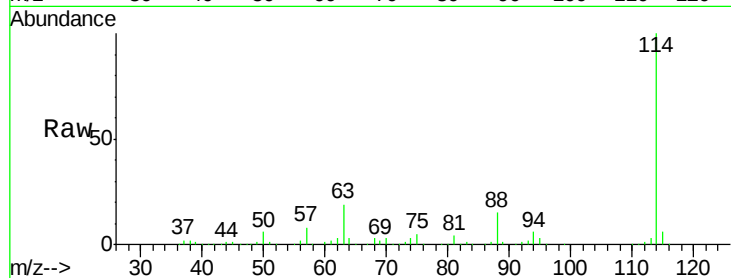
Tot Ion:114 Resp: 1047348

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

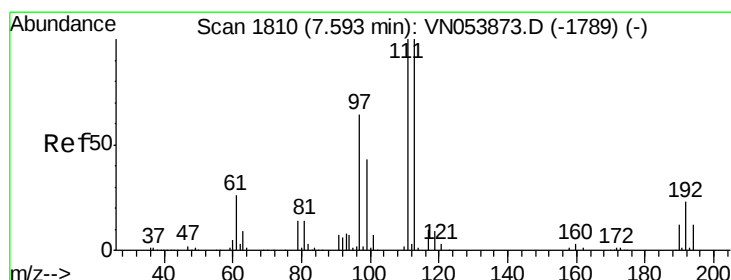
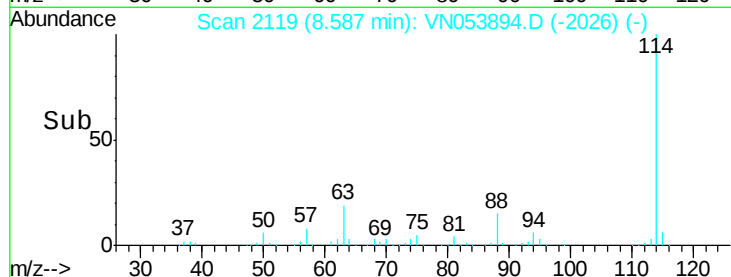
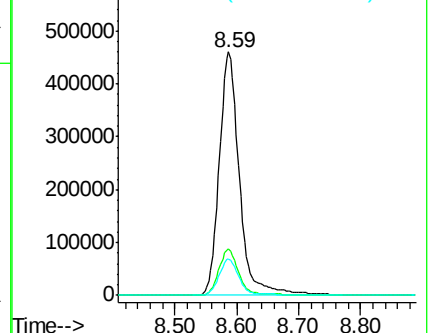
88 15.0 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 48.547 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

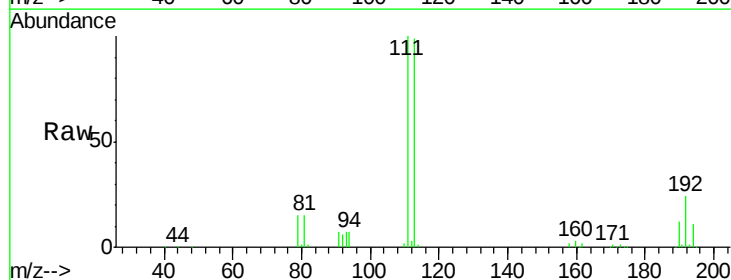
Tgt Ion:113 Resp: 333687

Ion Ratio Lower Upper

113 100

111 101.2 81.1 121.7

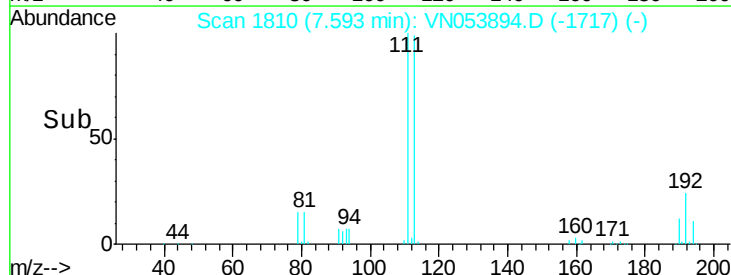
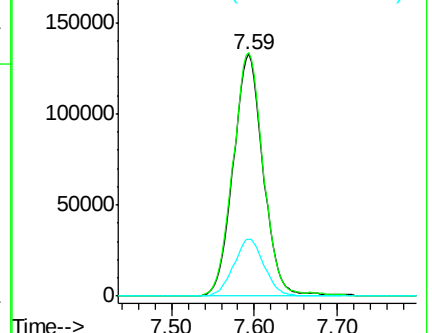
192 24.0 18.8 28.2

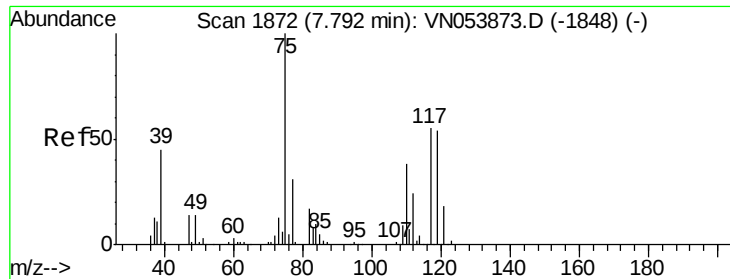


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

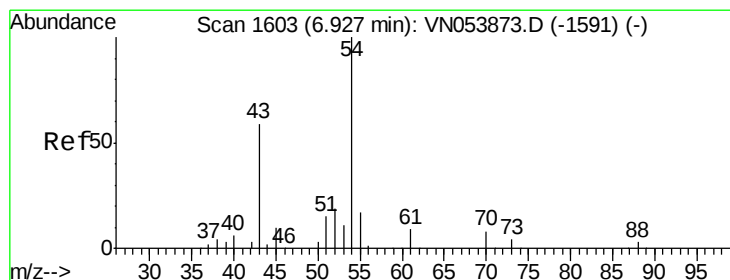
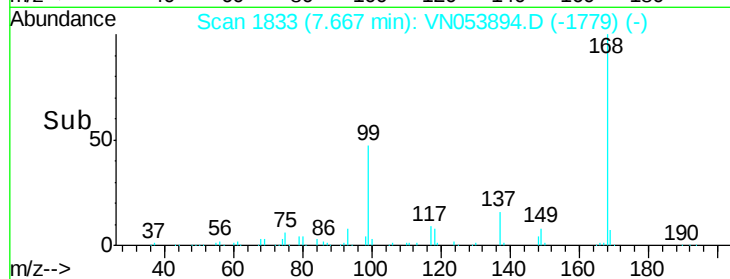
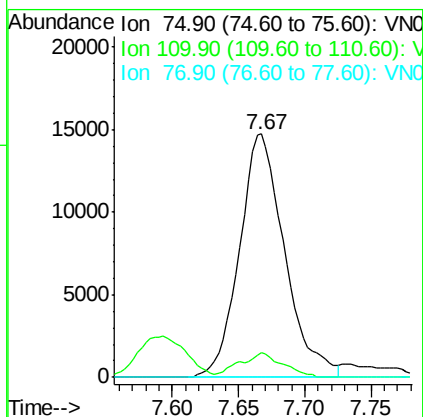
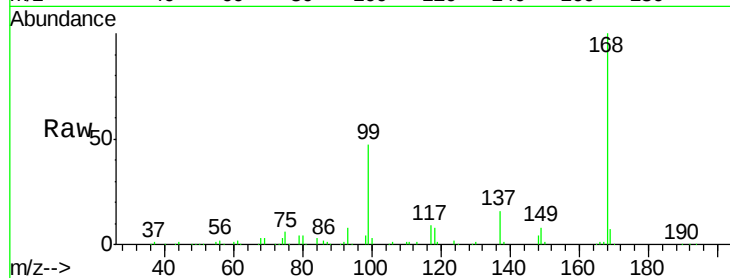




#36
 1,1-Dichloropropene
 Concen: 3.642 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053894.D
 Acq: 21 Feb 2019 16:03

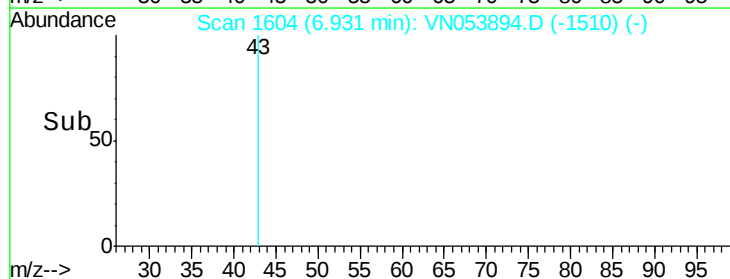
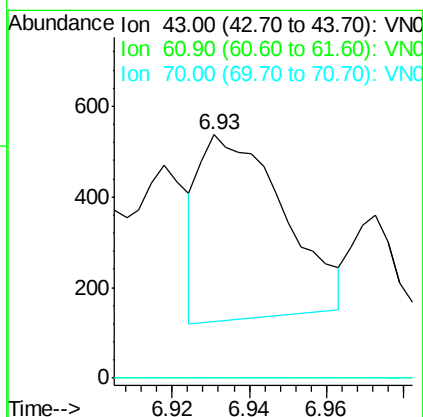
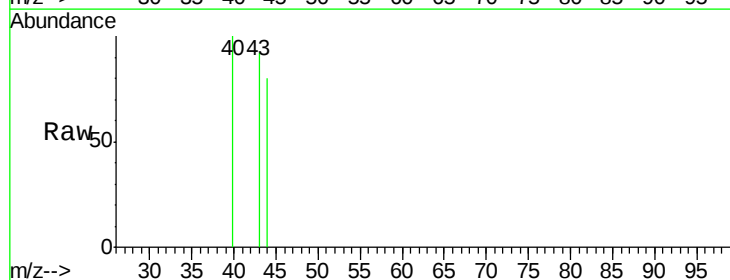
Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-20420

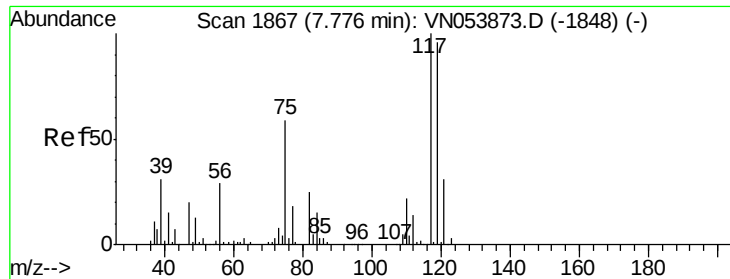
Tot Ion: 75 Resp: 34963
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.0 57.0#
 77 0.0 25.4 38.0#



#37
 Ethyl Acetate
 Concen: 0.325 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VN053894.D
 Acq: 21 Feb 2019 16:03

Tgt Ion: 43 Resp: 615
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.0 18.0#
 70 0.0 8.7 13.1#

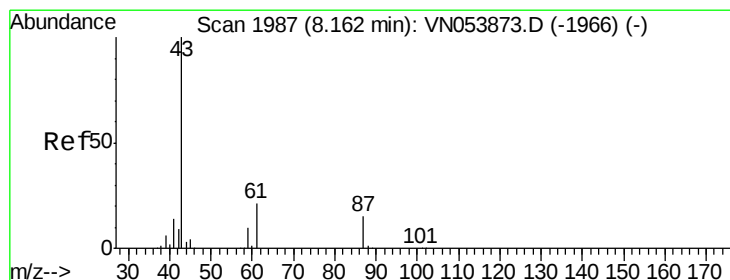
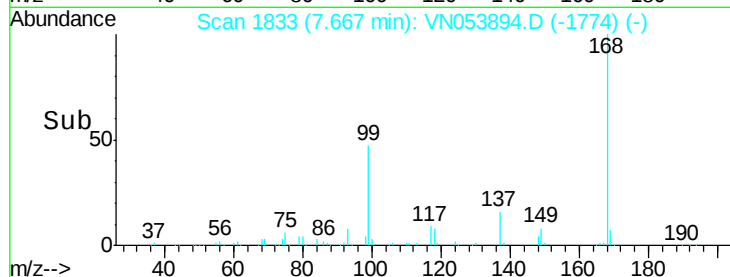
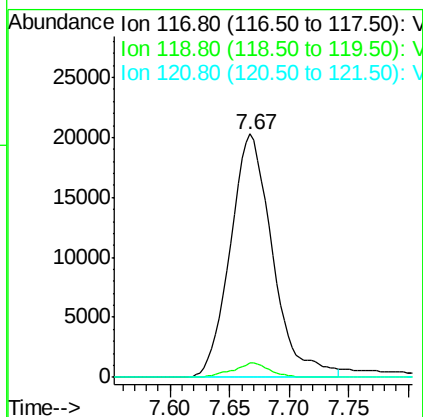
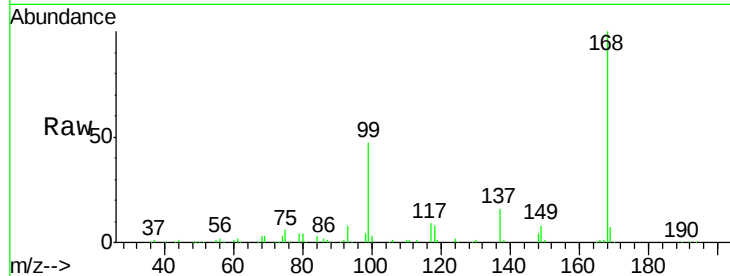




#38
Carbon Tetrachloride
Concen: 5.218 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053894.D
Acq: 21 Feb 2019 16:03

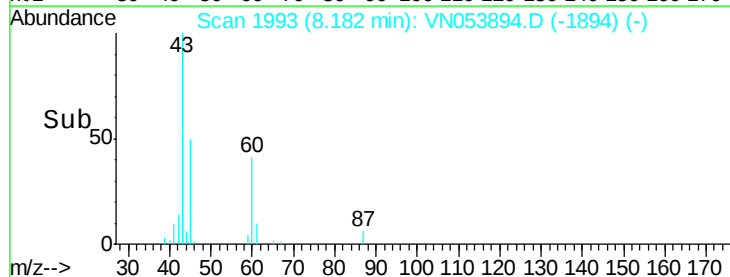
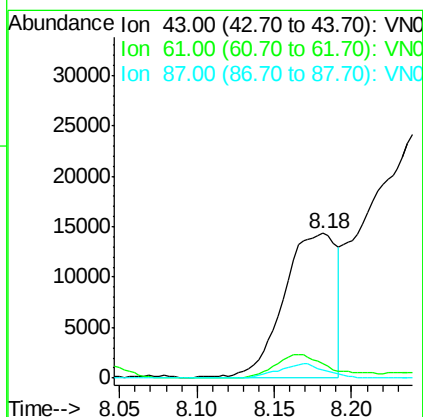
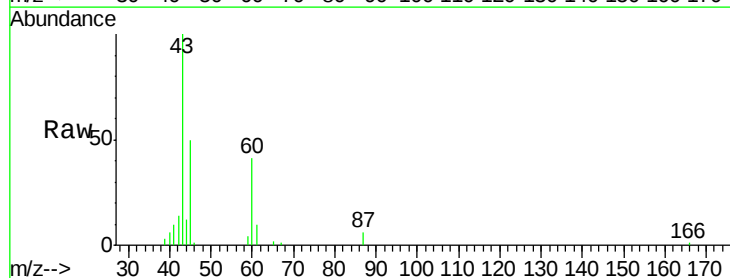
Instrument :
MSVOA_N
ClientSampled :
CHRT-20420

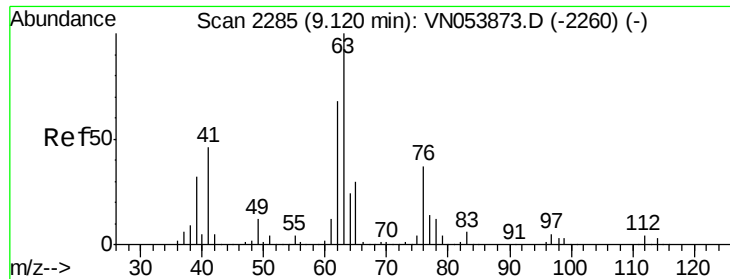
Tot Ion:117 Resp: 50041
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 3.328 ug/l
RT: 8.18 min Scan# 1993
Delta R.T. 0.02 min
Lab File: VN053894.D
Acq: 21 Feb 2019 16:03

Tgt Ion: 43 Resp: 34078
Ion Ratio Lower Upper
43 100
61 17.2 17.4 26.0#
87 8.8 11.5 17.3#

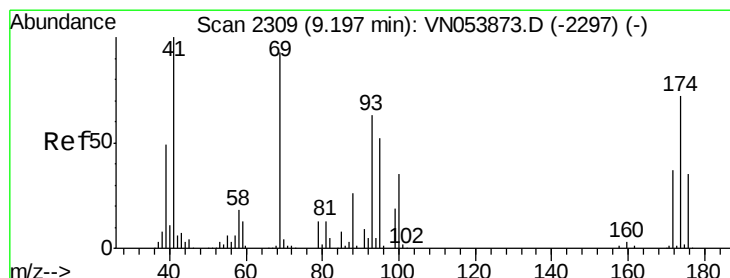
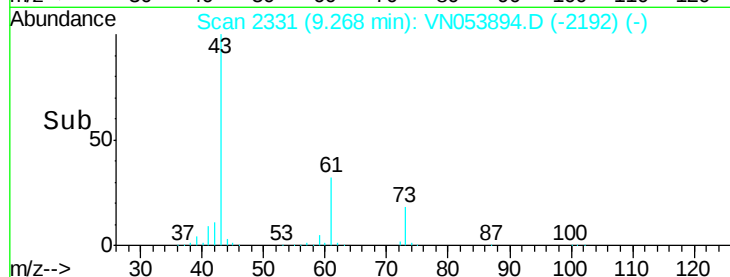
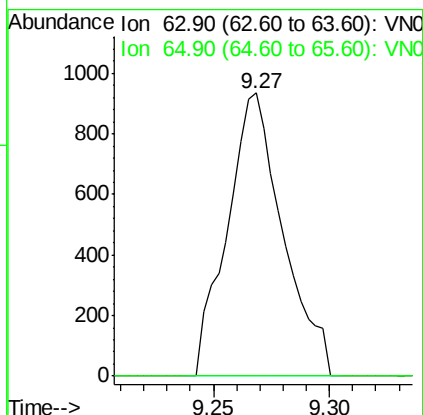
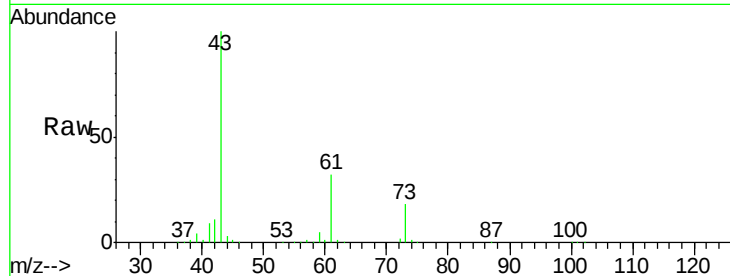




#45
 1,2-Dichloropropane
 Concen: 0.215 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN053894.D
 Acq: 21 Feb 2019 16:03

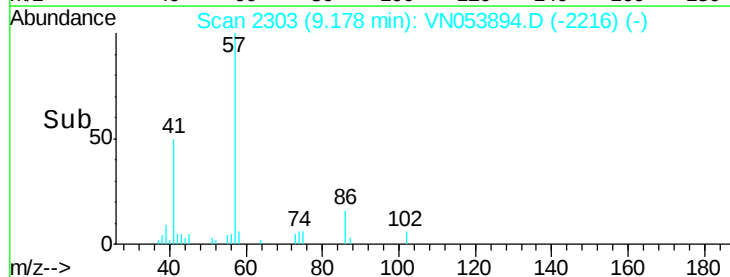
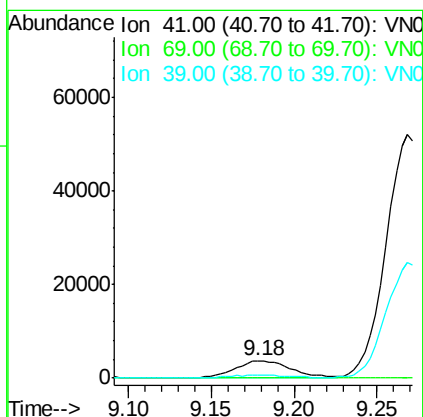
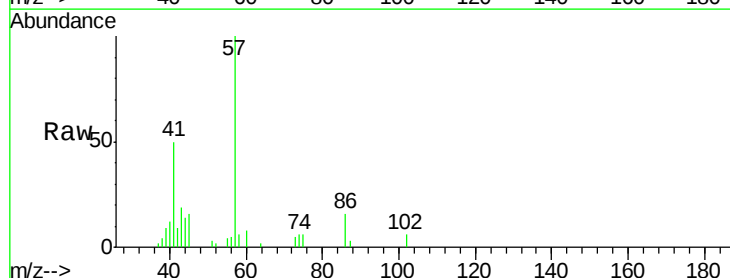
Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-20420

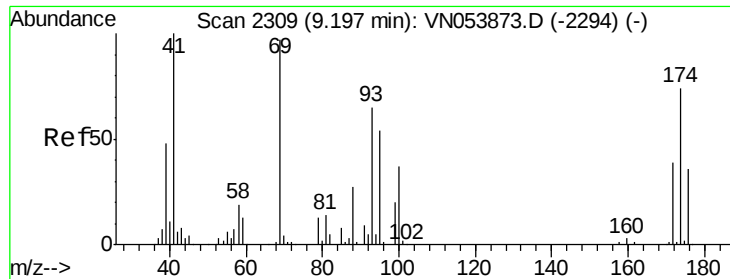
Tot Ion: 63 Resp: 1559
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 1.995 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN053894.D
 Acq: 21 Feb 2019 16:03

Tgt Ion: 41 Resp: 8761
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 20.8 39.0 58.6#





#49

1,4-Dioxane

Concen: 23.675 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

Instrument :

MSVOA_N

ClientSampleId :

CHRT-20420

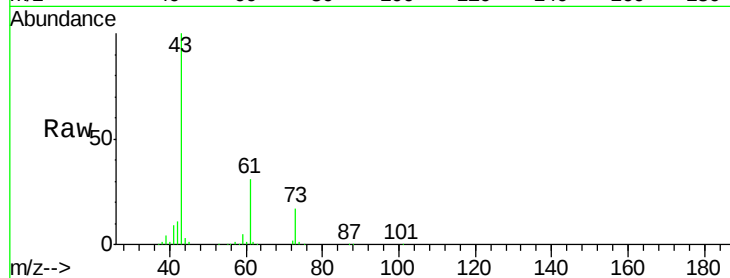
Tot Ion: 88 Resp: 108

Ion Ratio Lower Upper

88 100

43 1076731.5 21.2 31.8#

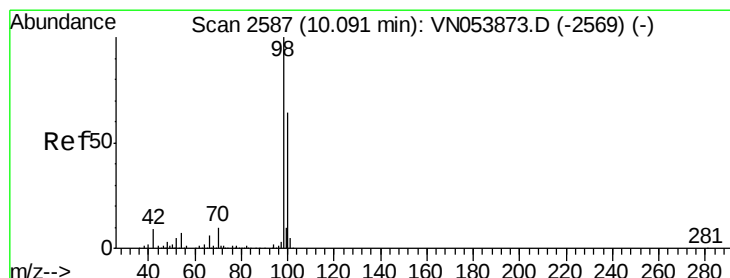
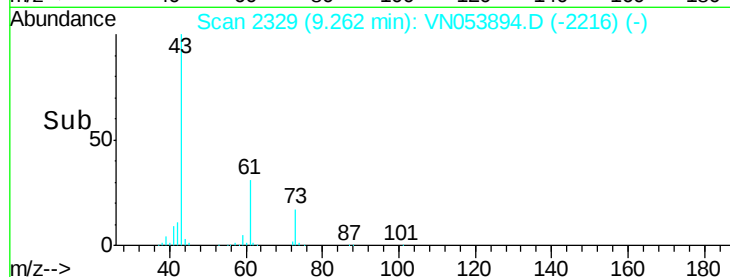
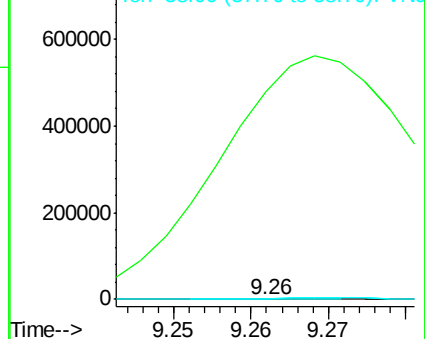
58 5266.7 54.2 81.2#



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: 51.727 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053894.D

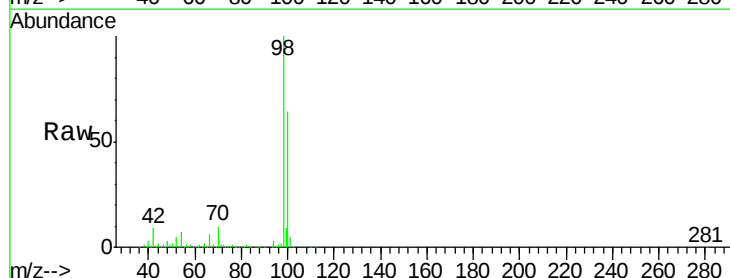
Acq: 21 Feb 2019 16:03

Tgt Ion: 98 Resp: 1284150

Ion Ratio Lower Upper

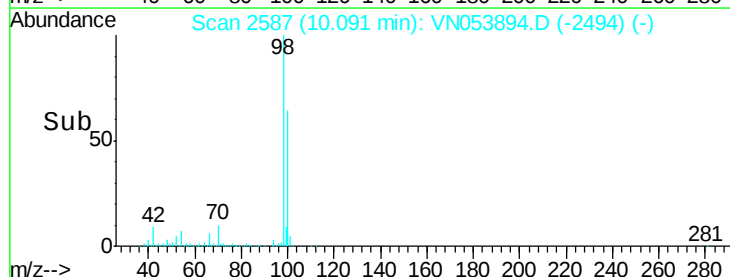
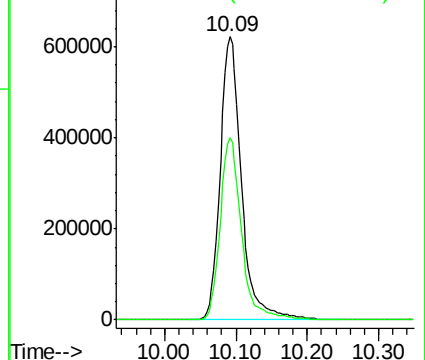
98 100

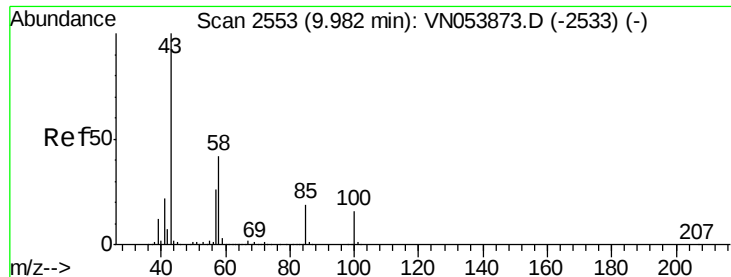
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

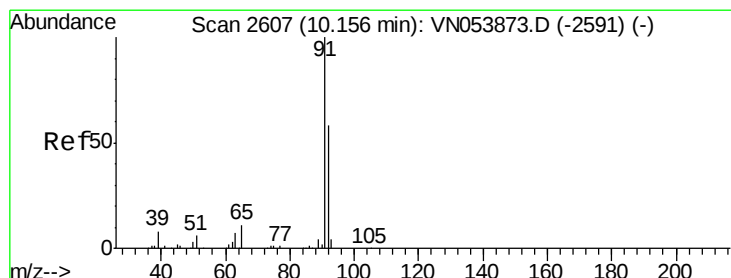
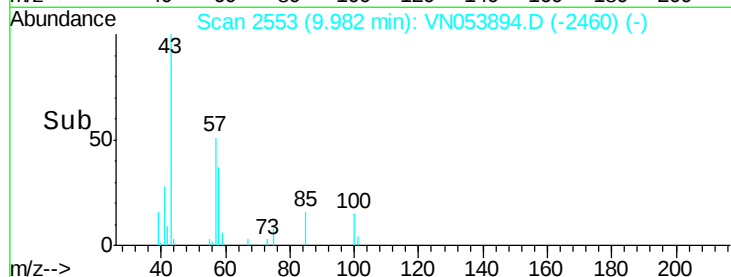
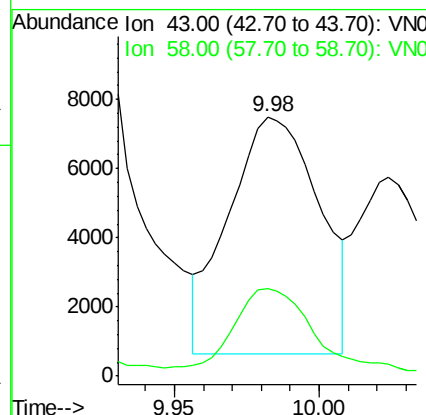
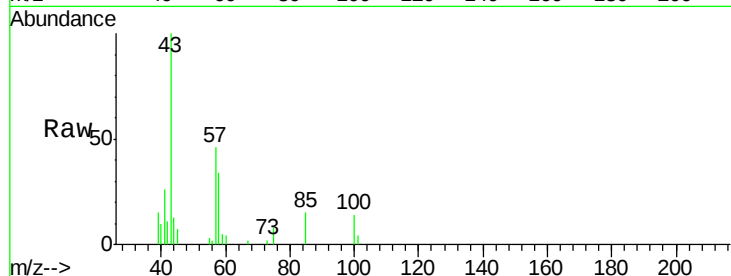




#51
 4-Methyl-2-Pentanone
 Concen: 9.281 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN053894.D
 Acq: 21 Feb 2019 16:03

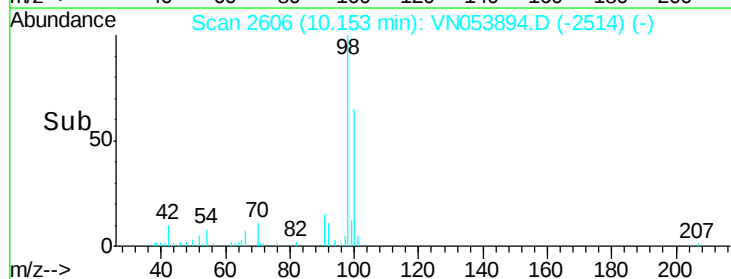
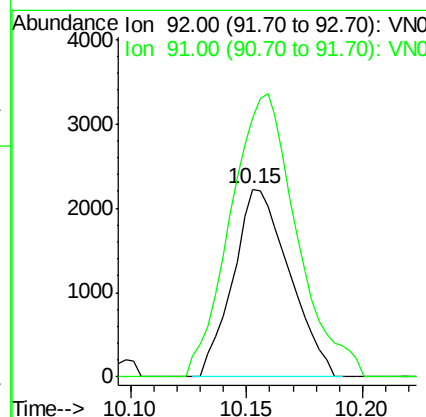
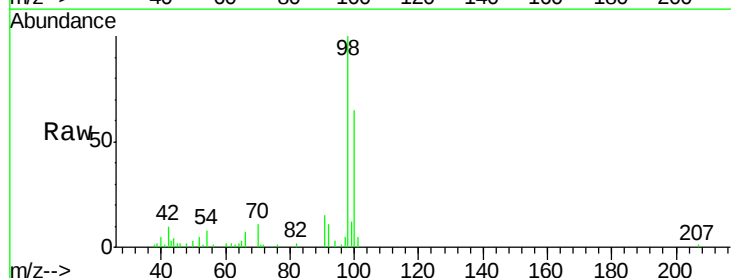
Instrument :
 MSVOA_N
 ClientSampled :
 CHRT-20420

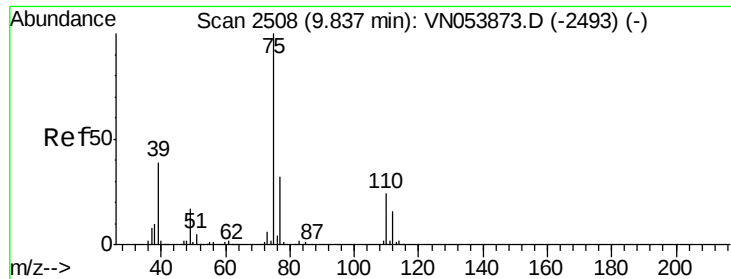
Tot Ion: 43 Resp: 14910
 Ion Ratio Lower Upper
 43 100
 58 30.8 32.7 49.1#



#52
 Toluene
 Concen: 0.223 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN053894.D
 Acq: 21 Feb 2019 16:03

Tgt Ion: 92 Resp: 3757
 Ion Ratio Lower Upper
 92 100
 91 177.6 138.4 207.6



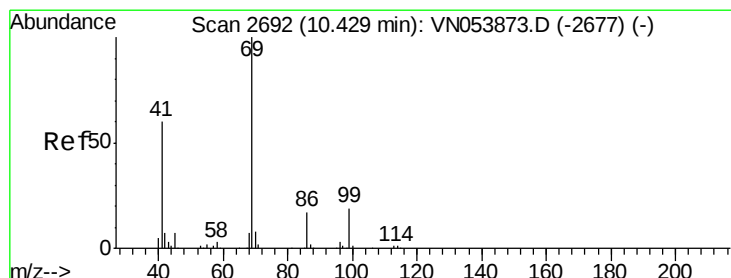
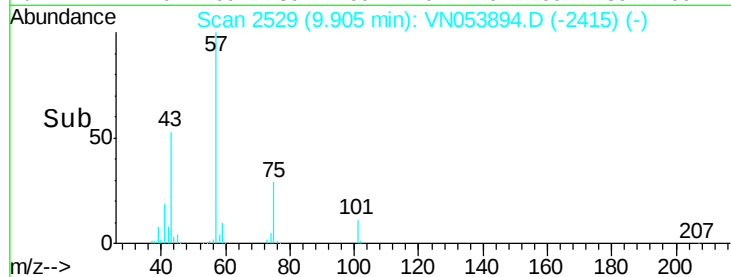
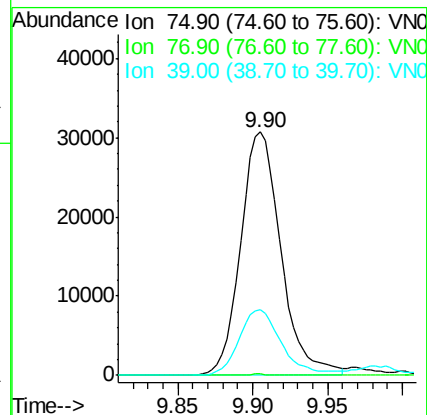
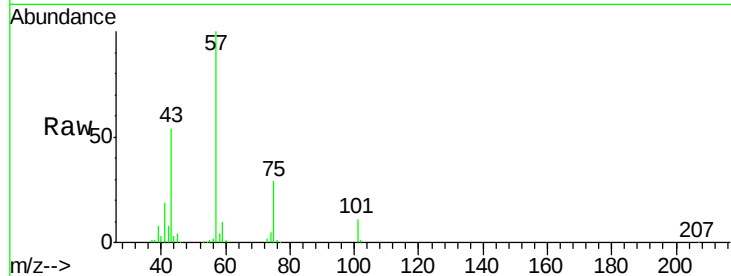


#54

cis-1,3-Dichloropropene
 Concen: 5.479 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN053894.D
 Acq: 21 Feb 2019 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-20420

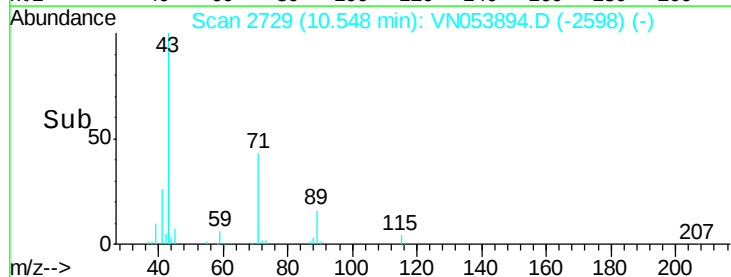
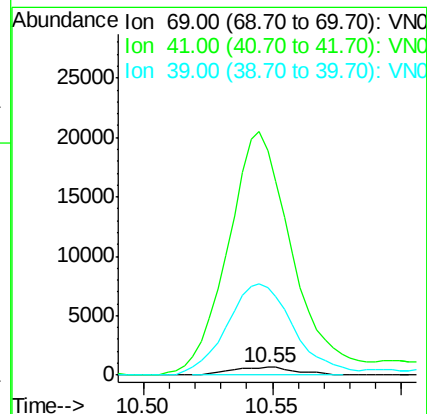
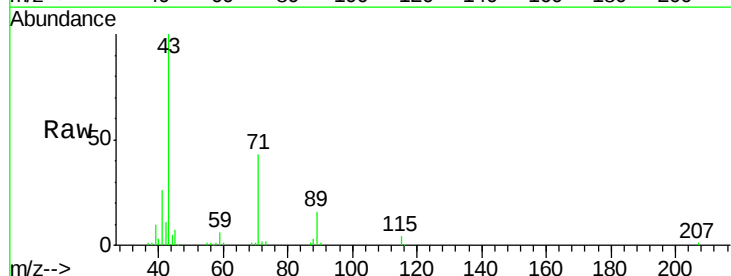
Tot Ion: 75 Resp: 57710
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.8 38.6#
 39 26.8 31.4 47.0#

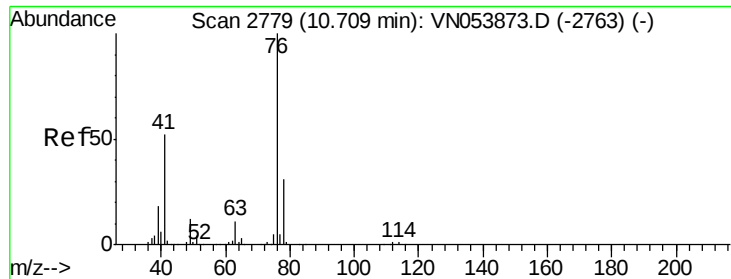


#56

Ethyl methacrylate
 Concen: 2.610 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.12 min
 Lab File: VN053894.D
 Acq: 21 Feb 2019 16:03

Tgt Ion: 69 Resp: 1195
 Ion Ratio Lower Upper
 69 100
 41 3004.8 47.5 71.3#
 39 1160.7 23.4 35.0#

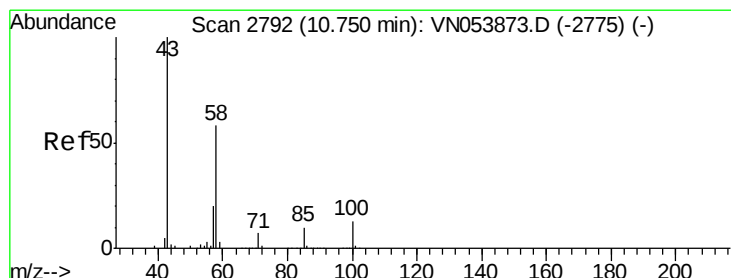
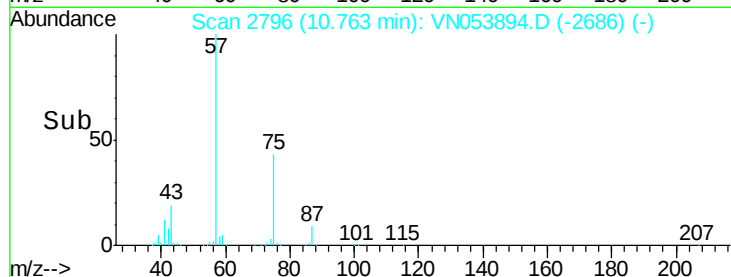
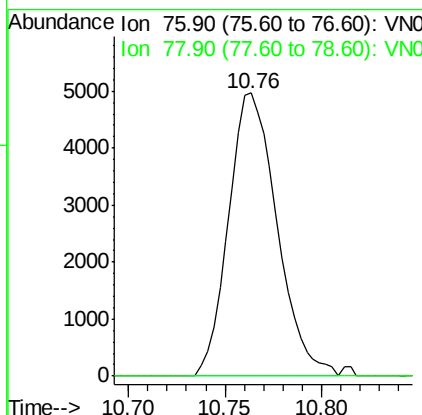
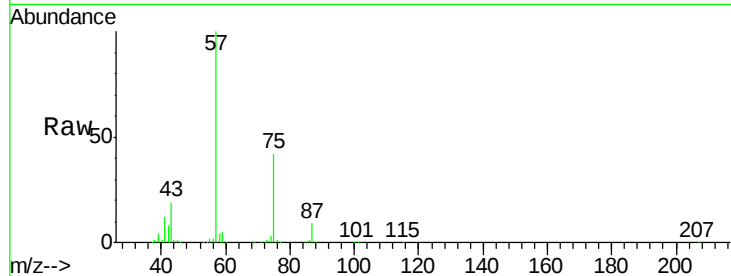




#57
 1,3-Dichloropropane
 Concen: 0.835 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053894.D
 Acq: 21 Feb 2019 16:03

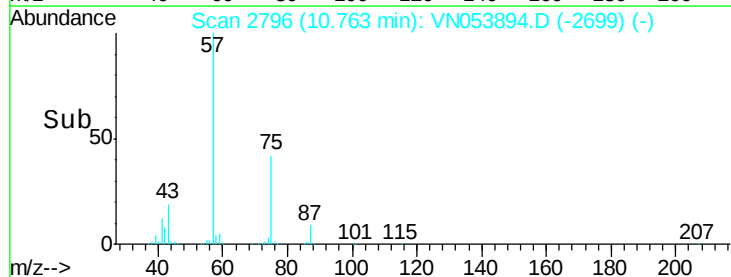
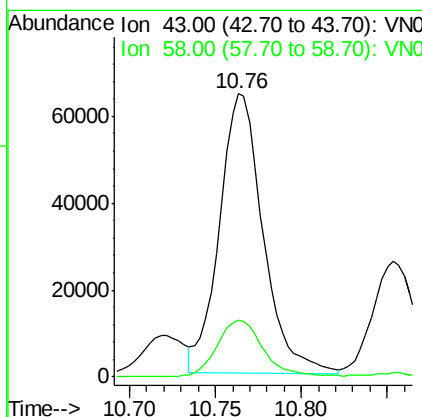
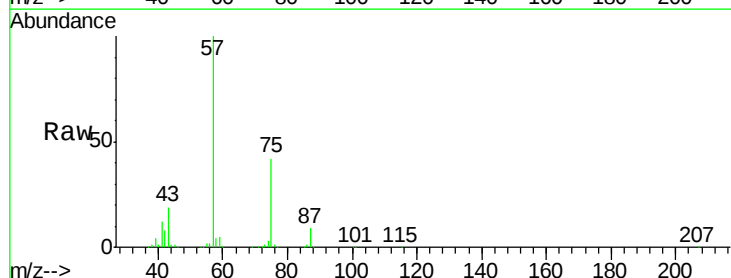
Instrument :
 MSVOA_N
 ClientSampled :
 CHRT-20420

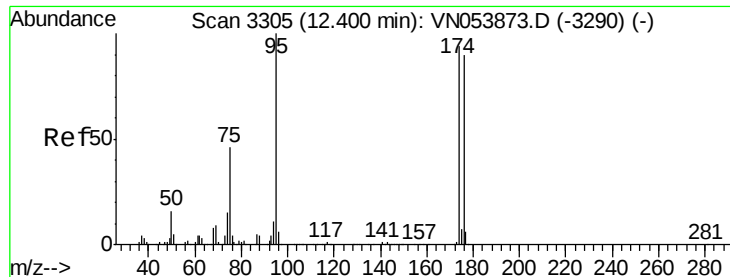
Tot Ion: 76 Resp: 8646
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 35.453 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053894.D
 Acq: 21 Feb 2019 16:03

Tgt Ion: 43 Resp: 113899
 Ion Ratio Lower Upper
 43 100
 58 21.4 29.1 87.4#

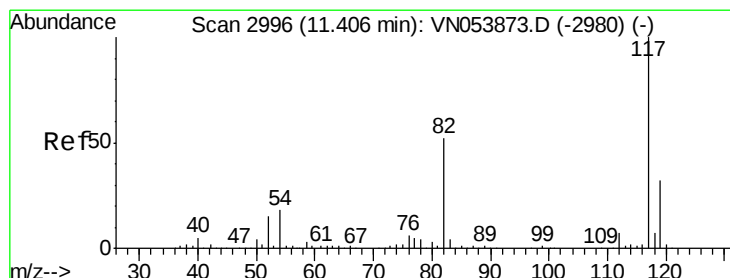
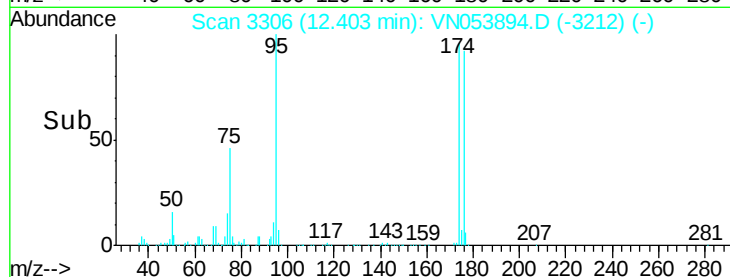
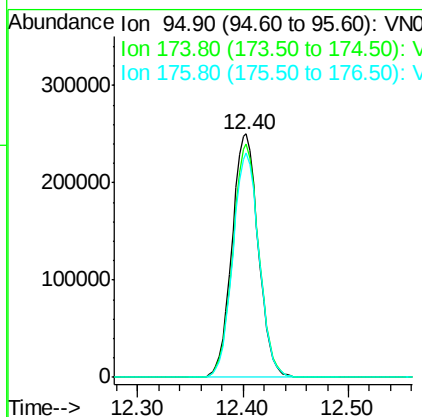
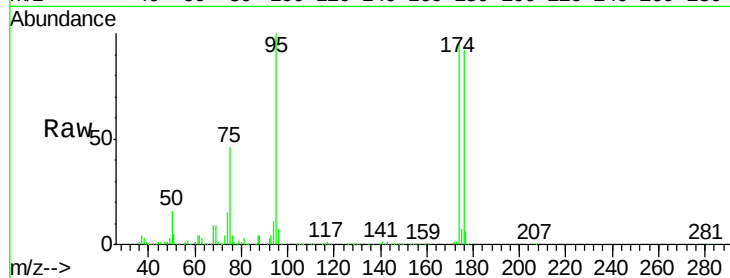




#62
4-Bromofluorobenzene
Concen: 52.706 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053894.D
Acq: 21 Feb 2019 16:03

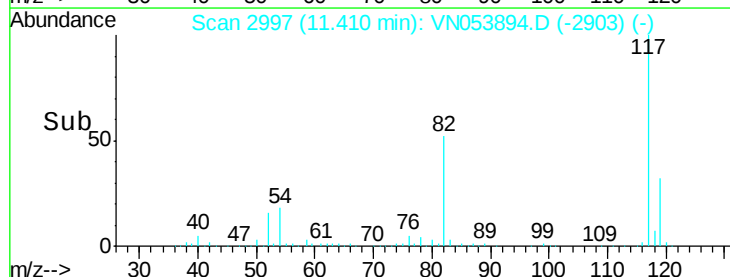
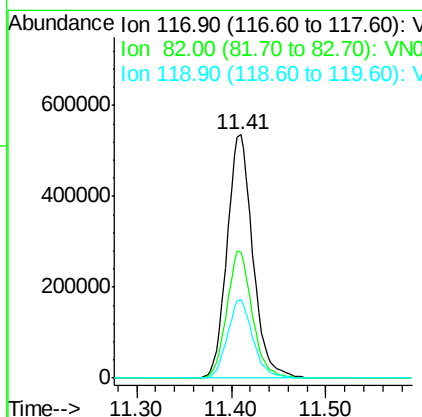
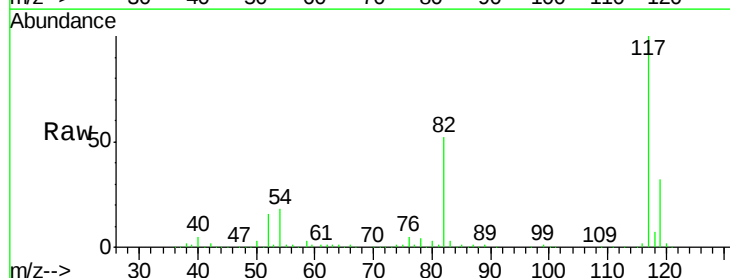
Instrument :
MSVOA_N
ClientSampleId :
CHRT-20420

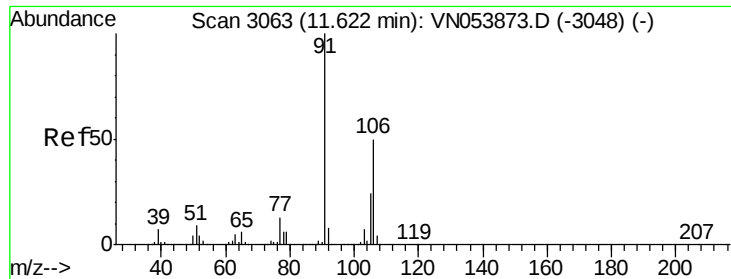
Tot Ion: 95 Resp: 431977
Ion Ratio Lower Upper
95 100
174 95.1 0.0 188.8
176 91.7 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053894.D
Acq: 21 Feb 2019 16:03

Tgt Ion: 117 Resp: 1010646
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 32.2 25.3 37.9

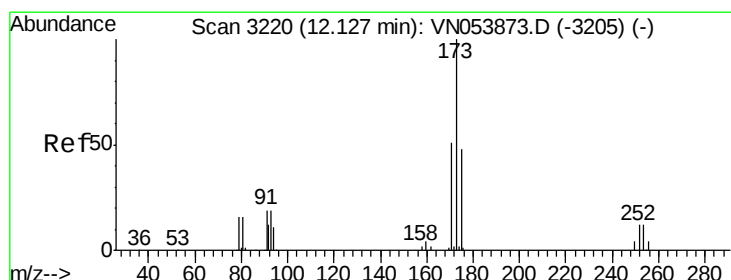
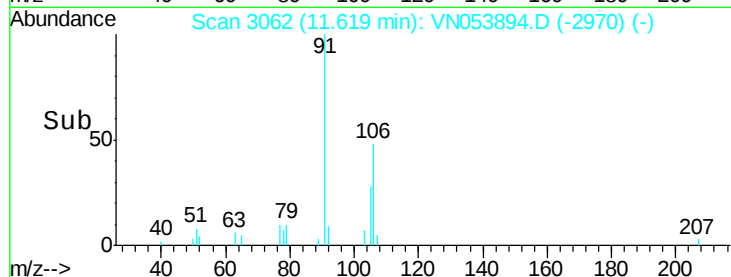
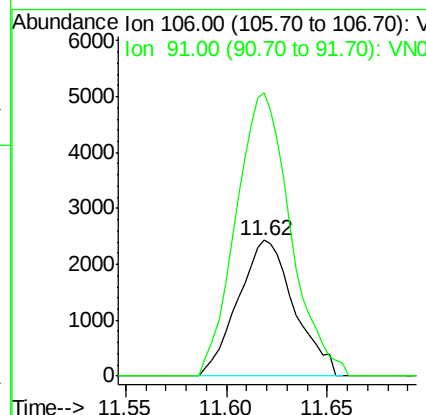
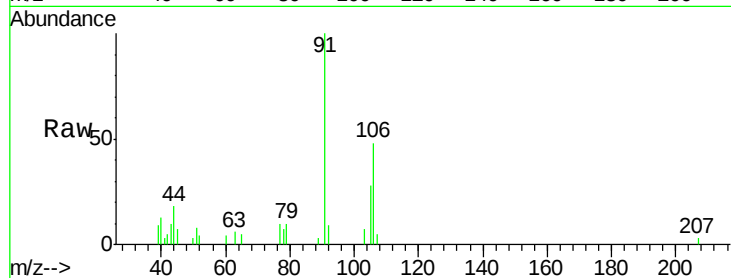




#68
m/p-Xvlenes
Concen: 0.357 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053894.D
Acq: 21 Feb 2019 16:03

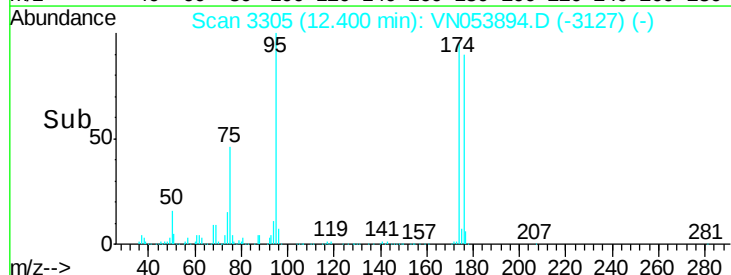
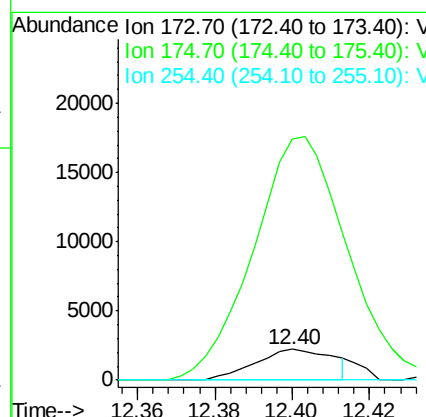
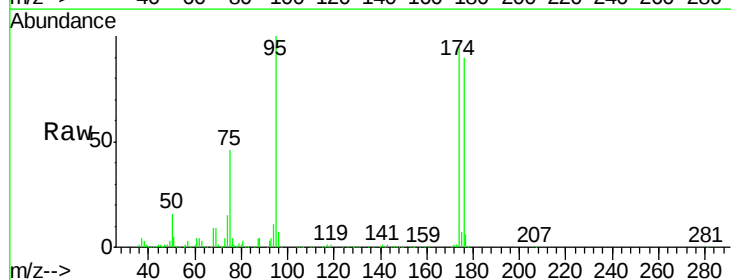
Instrument :
MSVOA_N
ClientSampleId :
CHRT-20420

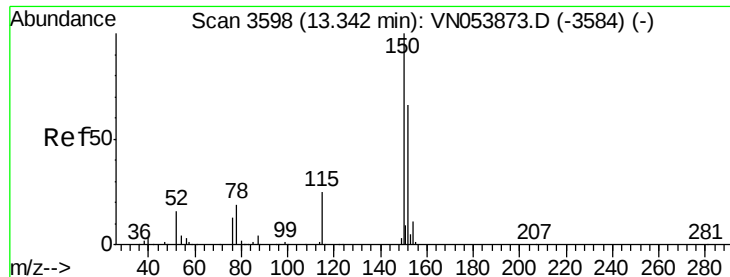
Tot Ion:106 Resp: 4737
Ion Ratio Lower Upper
106 100
91 202.2 158.9 238.3



#71
Bromoform
Concen: 0.565 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053894.D
Acq: 21 Feb 2019 16:03

Tgt Ion:173 Resp: 3098
Ion Ratio Lower Upper
173 100
175 819.4 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

Instrument :

MSVOA_N

ClientSampled :

CHRT-20420

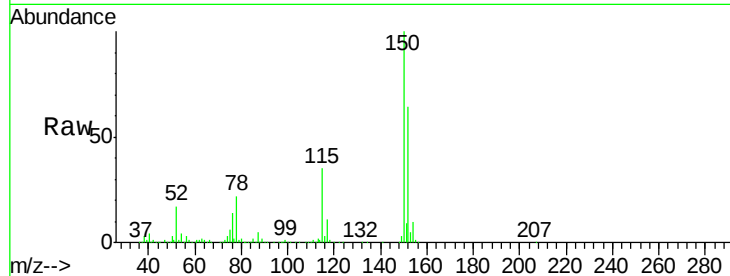
Tot Ion:152 Resp: 410594

Ion Ratio Lower Upper

152 100

115 54.5 27.2 81.6

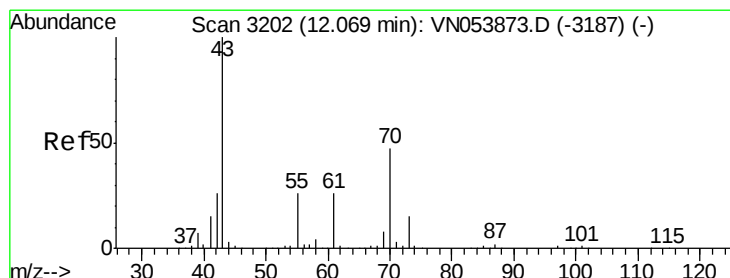
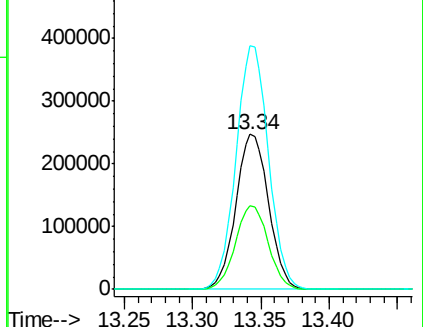
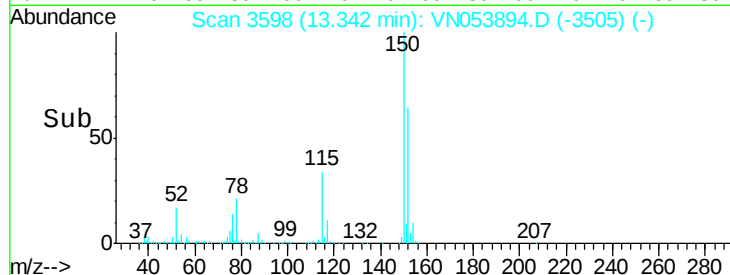
150 156.6 0.0 348.2



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



#74

N-ethyl acetate

Concen: 0.400 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

Tgt Ion: 43 Resp: 2655

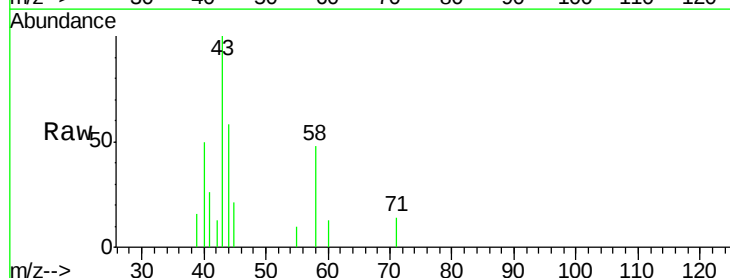
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.2#

55 4.5 21.4 32.0#

61 0.0 20.9 31.3#

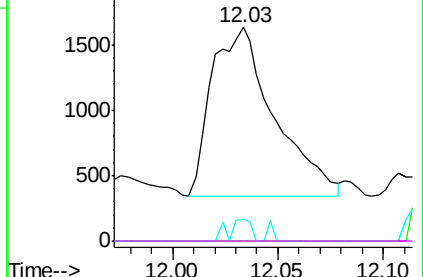
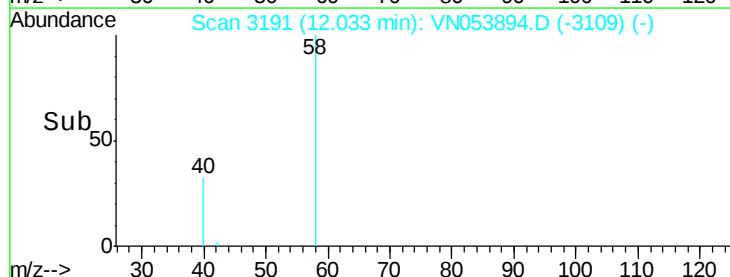


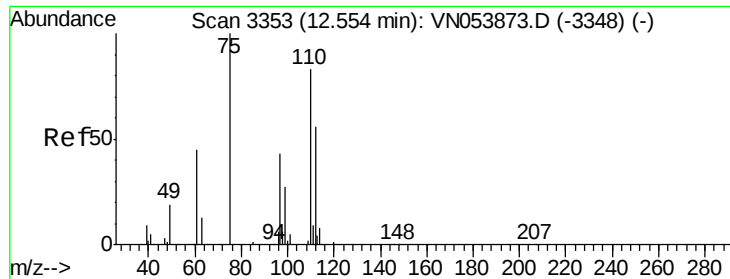
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 33.110 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

Instrument :

MSVOA_N

ClientSampled :

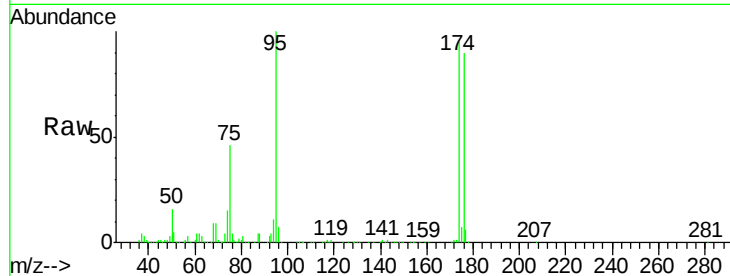
CHRT-20420

Tot Ion: 75 Resp: 199573

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

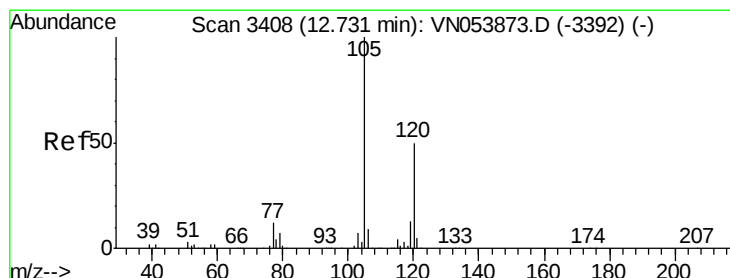
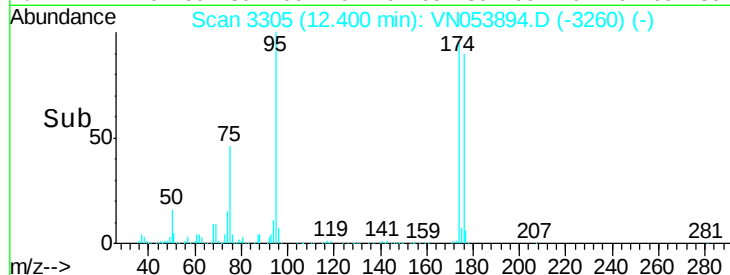
12.40

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.377 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053894.D

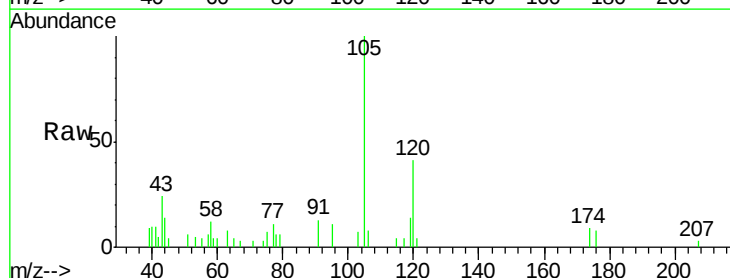
Acq: 21 Feb 2019 16:03

Tgt Ion: 105 Resp: 9047

Ion Ratio Lower Upper

105 100

120 45.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

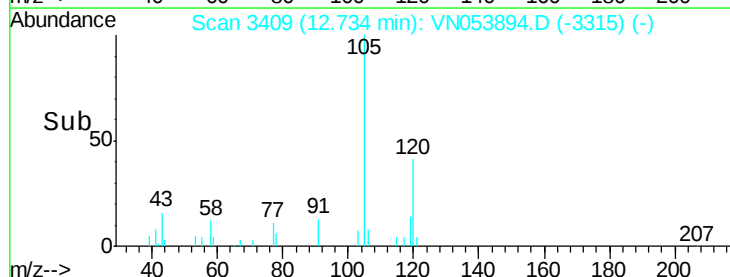
6000

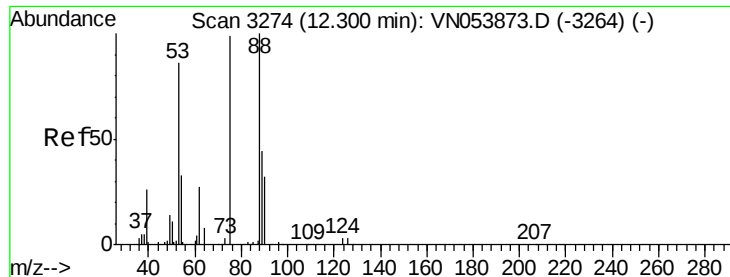
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 109.306 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

Instrument :

MSVOA_N

ClientSampleId :

CHRT-20420

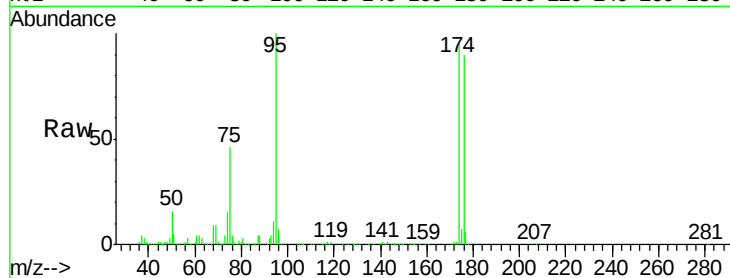
Tot Ion: 75 Resp: 199573

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

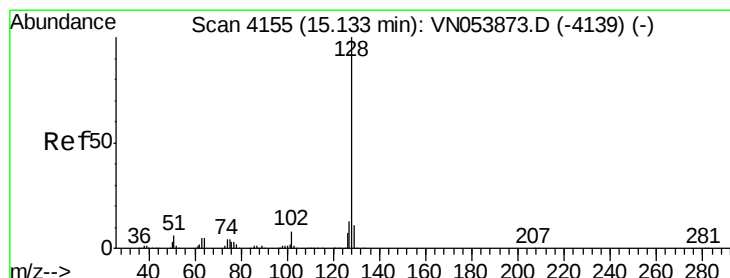
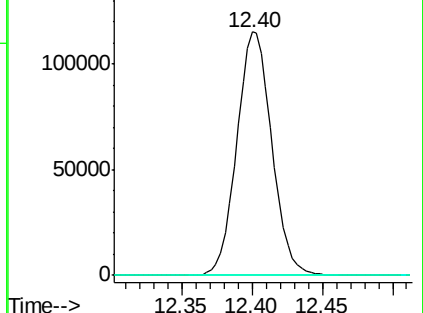
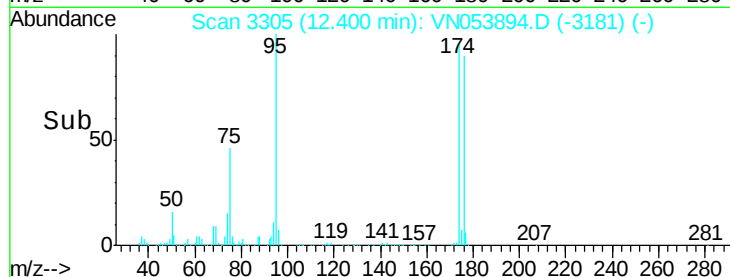
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN053894.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053894.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053894.D (-3181) (-)



#95

Naphthalene

Concen: 5.895 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN053894.D

Acq: 21 Feb 2019 16:03

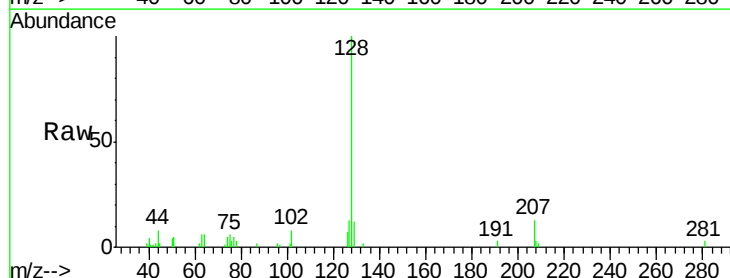
Tgt Ion: 128 Resp: 23022

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VN053894.D (-4061) (-)

Ion 127.00 (126.70 to 127.70): VN053894.D (-4061) (-)

Ion 129.00 (128.70 to 129.70): VN053894.D (-4061) (-)

