

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020620\
 Data File : VN060012.D
 Acq On : 6 Feb 2020 13:01
 Operator : JC/MD
 Sample : L1394-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MNR-WHITE-PLAINS-COMP

Quant Time: Feb 06 16:57:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	315555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	290104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130424	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	116193	51.74	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.57	113	95070	50.52	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.08	98	382029	52.40	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.40	95	133206	50.68	ug/l	0.00
Spiked Amount						

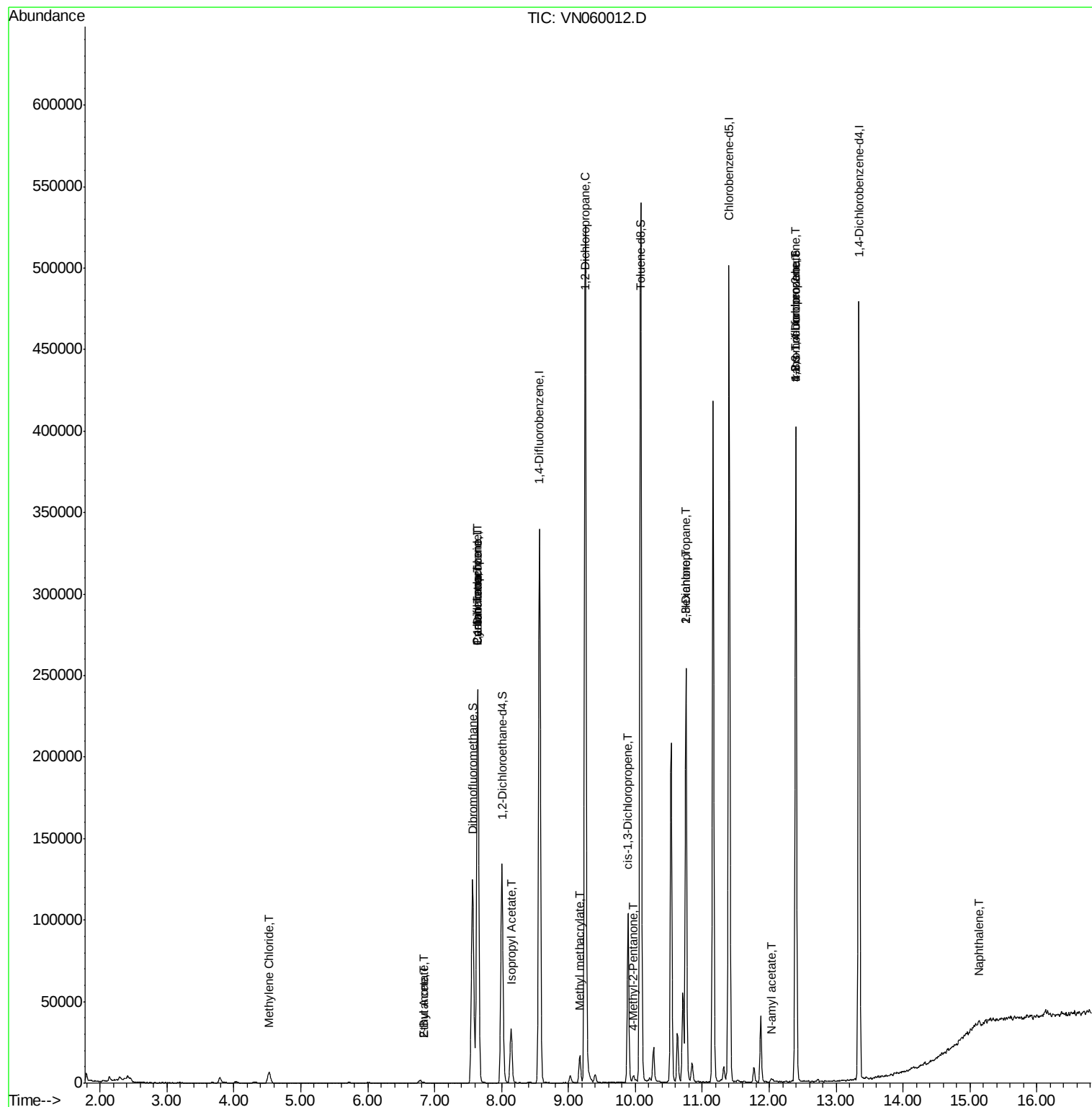
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	6031	Below Cal		99
20) Methylene Chloride	4.53	84	5359	1.38	ug/l	90
25) 2-Butanone	6.83	43	724	0.57	ug/l #	50
31) Cyclohexane	7.64	56	4212	1.27	ug/l #	14
36) 1,1-Dichloropropene	7.64	75	14542	5.29	ug/l #	51
37) Ethyl Acetate	6.83	43	724	0.28	ug/l #	69
38) Carbon Tetrachloride	7.64	117	19609	6.56	ug/l #	15
43) Isopropyl Acetate	8.14	43	38687	8.73	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	661	0.33	ug/l #	44
48) Methyl methacrylate	9.17	41	2272	1.15	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	2469	0.96	ug/l	90
54) cis-1,3-Dichloropropene	9.89	75	19054	5.63	ug/l #	59
57) 1,3-Dichloropropane	10.75	76	3003	0.92	ug/l #	42
59) 2-Hexanone	10.75	43	36161	19.15	ug/l #	56
74) N-amyl acetate	12.03	43	2346	0.63	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	68921	31.40	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	68921	67.43	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.31	75	124	Below Cal	#	6
95) Naphthalene	15.14	128	3282	0.46	ug/l #	92

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060012.D

Acq: 6 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

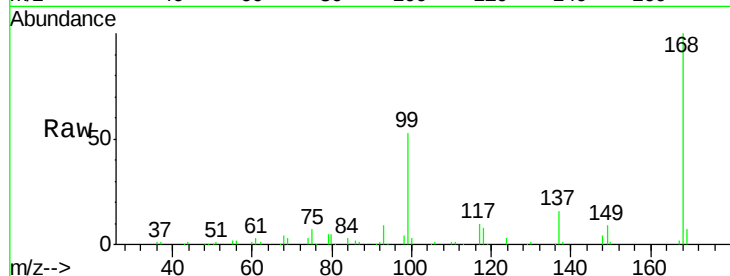
MNR-WHITE-PLAINS-COMP

Tgt Ion:168 Resp: 202219

Ion Ratio Lower Upper

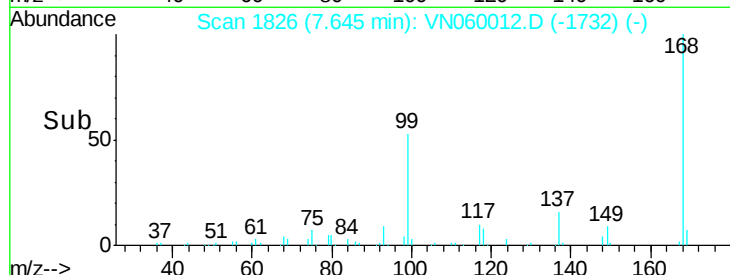
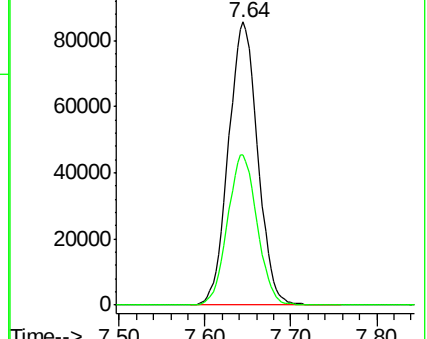
168 100

99 53.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060012.D

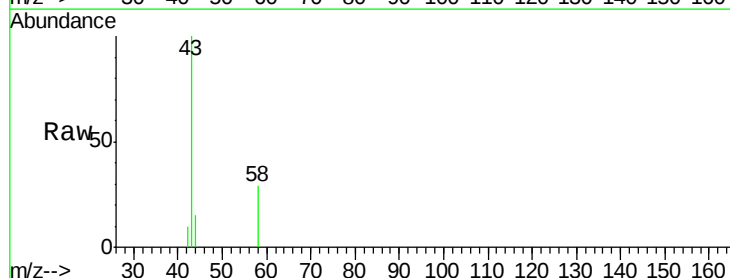
Acq: 6 Feb 2020 13:01

Tgt Ion: 43 Resp: 6031

Ion Ratio Lower Upper

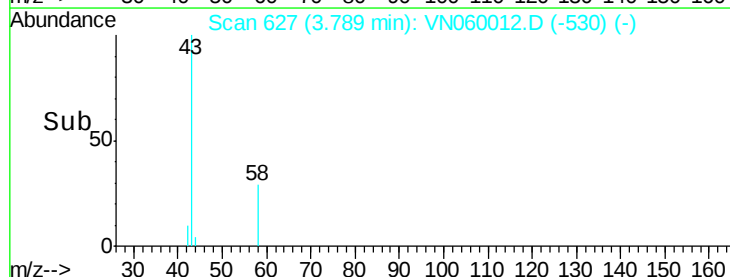
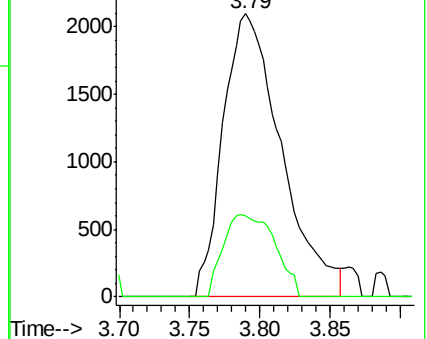
43 100

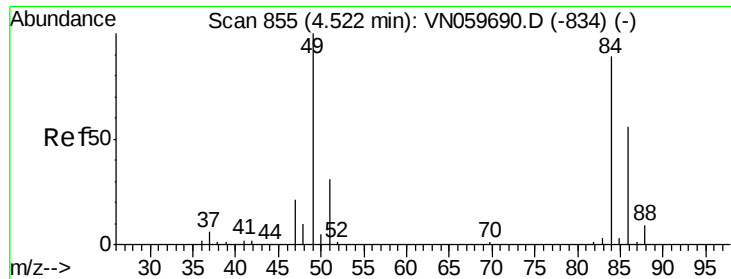
58 28.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

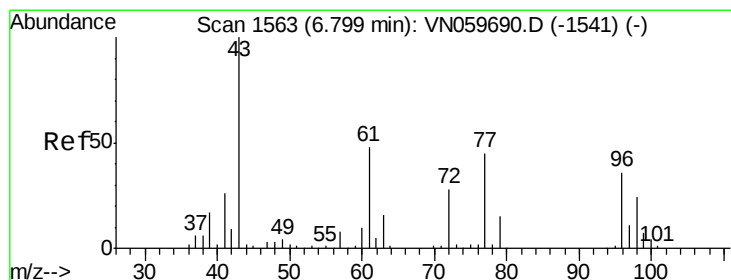
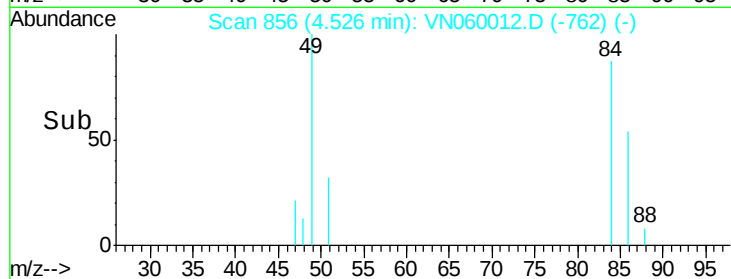
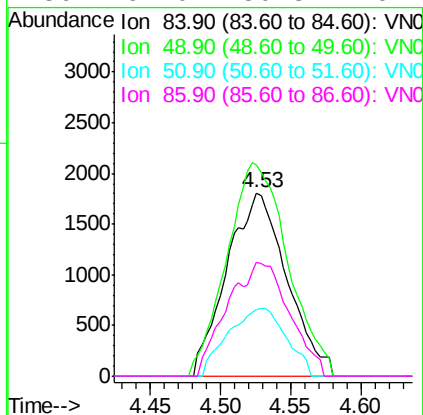
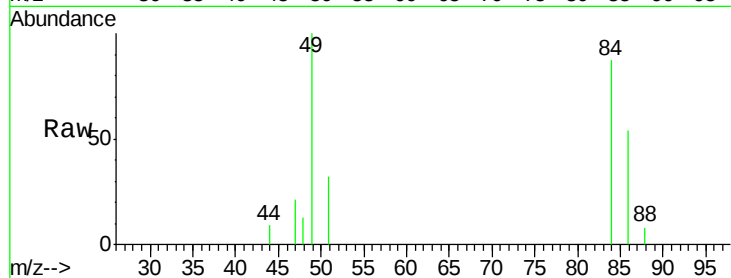




#20
Methylene Chloride
Concen: 1.38 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

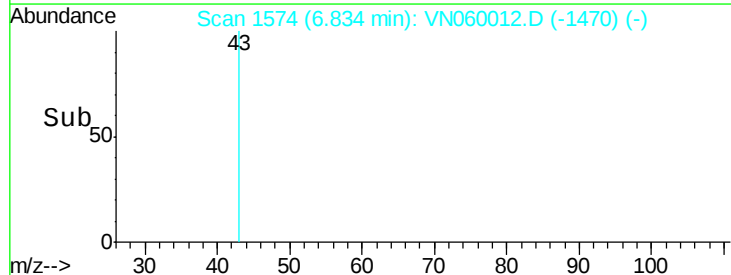
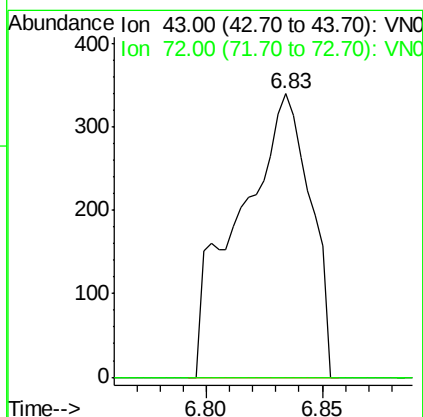
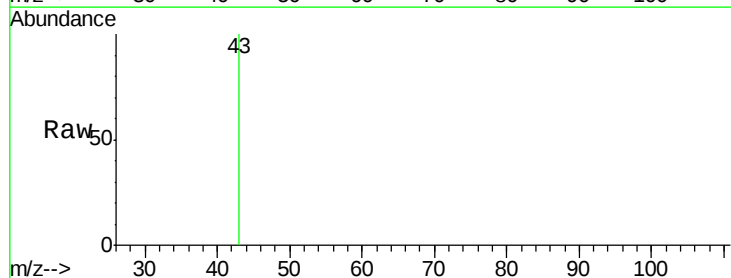
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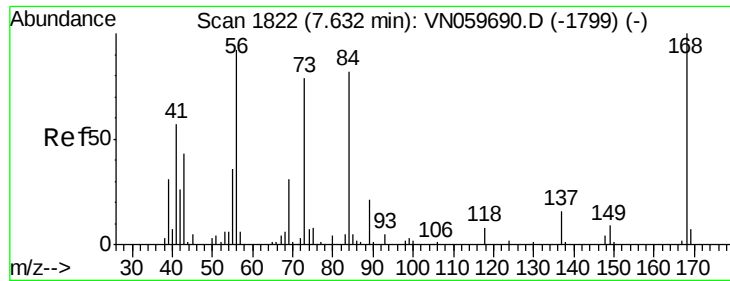
Tgt Ion: 84 Resp: 5359
Ion Ratio Lower Upper
84 100
49 115.0 106.6 160.0
51 36.3 31.9 47.9
86 62.0 50.8 76.2



#25
2-Butanone
Concen: 0.57 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.04 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

Tgt Ion: 43 Resp: 724
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#

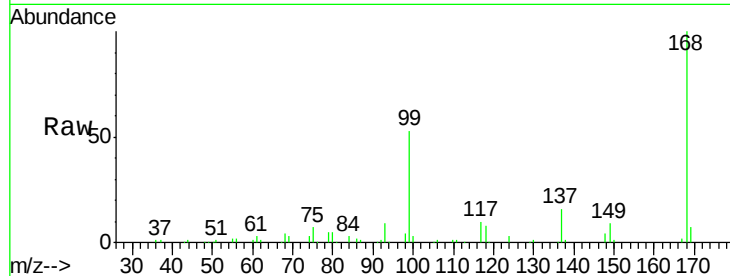




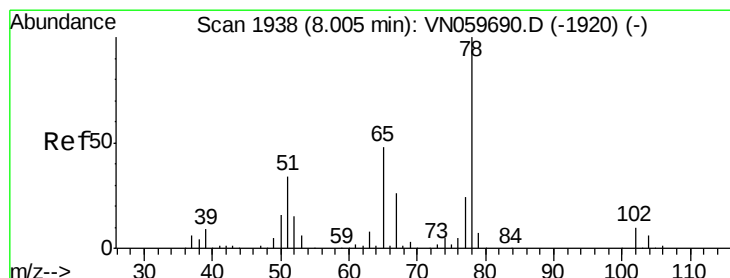
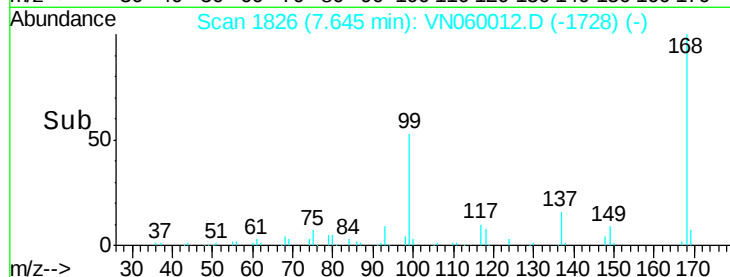
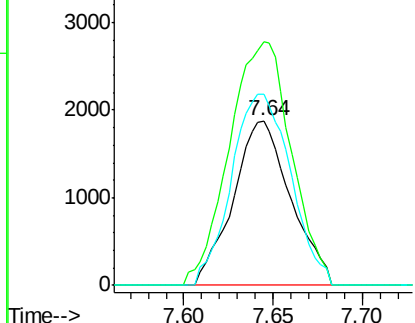
#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
MNR-WHITE-PLAINS-COMP

Tgt Ion: 56 Resp: 4212
Ion Ratio Lower Upper
56 100
69 148.1 26.5 39.7#
84 116.0 65.3 97.9#

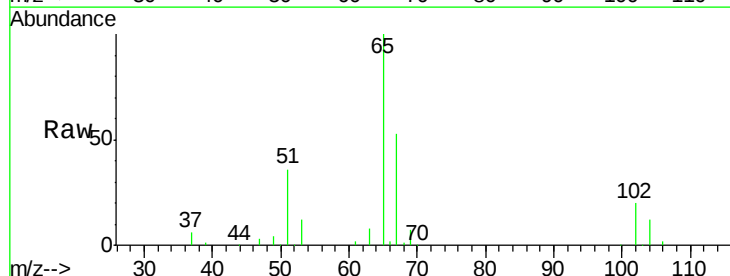


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

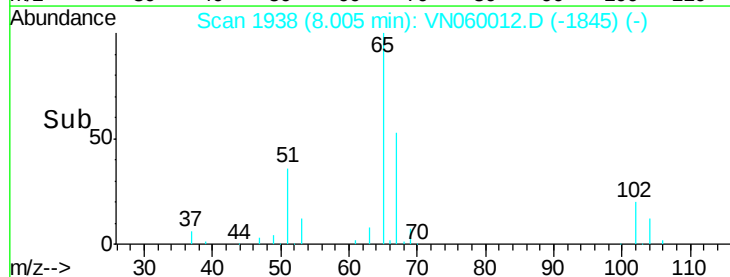
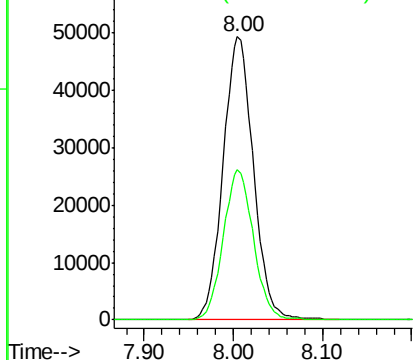


#33
1,2-Dichloroethane-d4
Concen: 51.74 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

Tgt Ion: 65 Resp: 116193
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

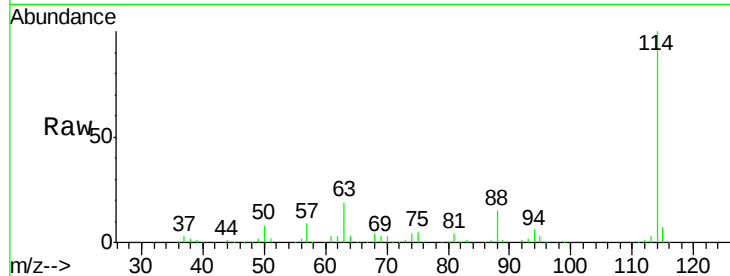




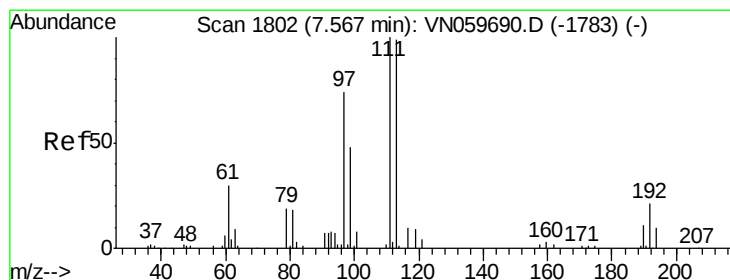
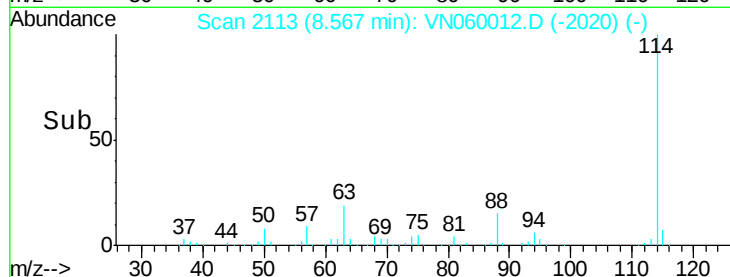
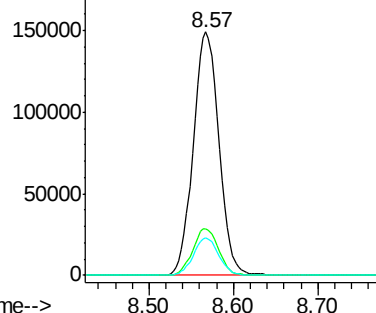
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
MNR-WHITE-PLAINS-COMP

Tgt Ion:114 Resp: 31555
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.6
88 15.2 0.0 31.4

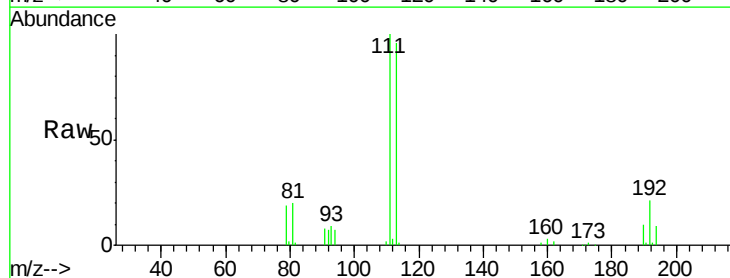


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

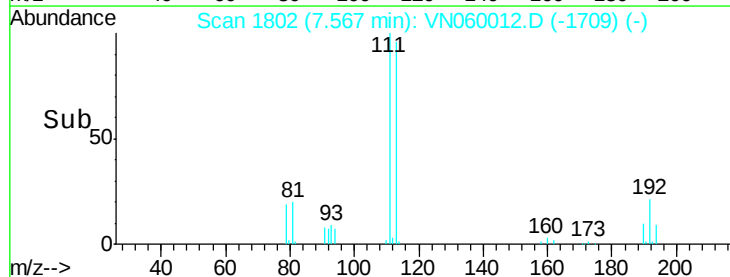
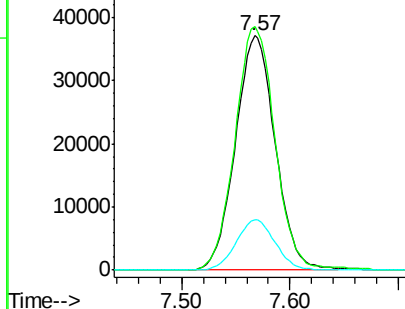


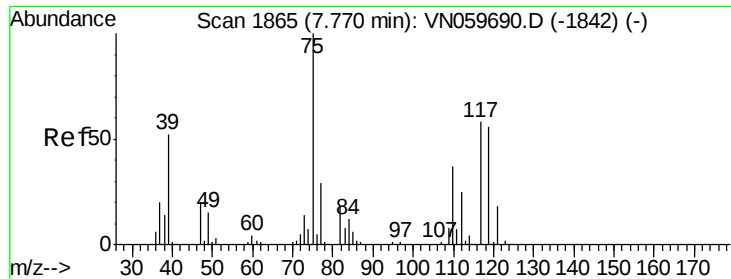
#35
Dibromofluoromethane
Concen: 50.52 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

Tgt Ion:113 Resp: 95070
Ion Ratio Lower Upper
113 100
111 104.0 83.5 125.3
192 21.0 15.4 23.2



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

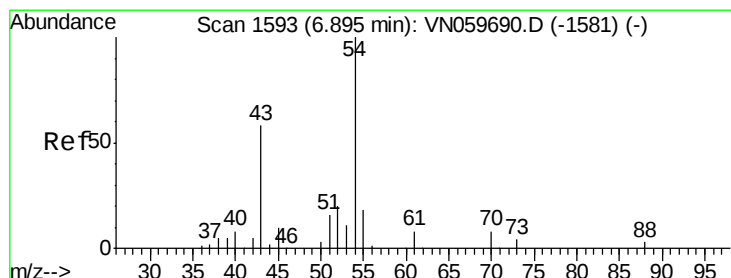
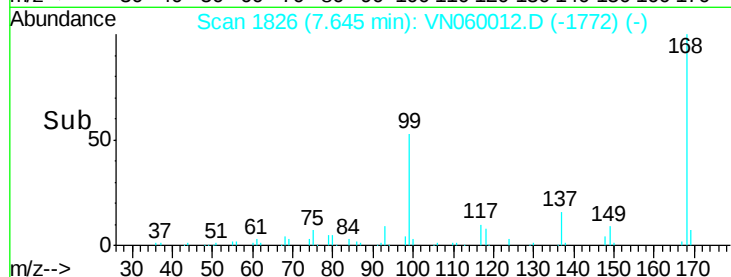
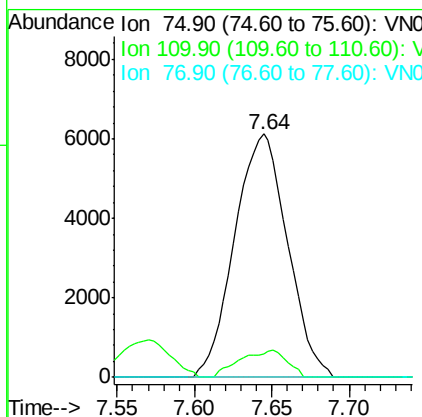
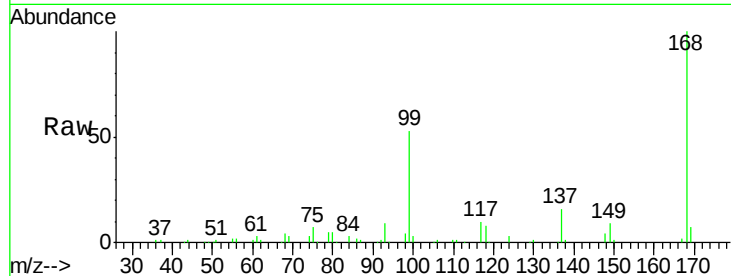




#36
 1,1-Dichloropropene
 Concen: 5.29 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060012.D
 Acq: 6 Feb 2020 13:01

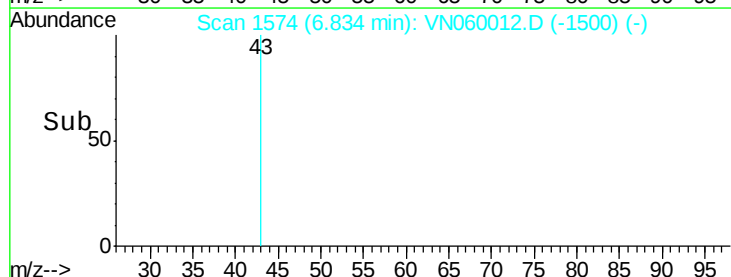
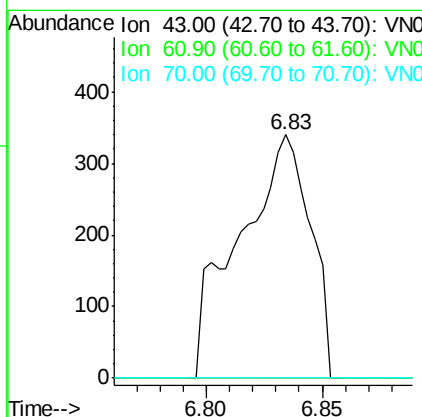
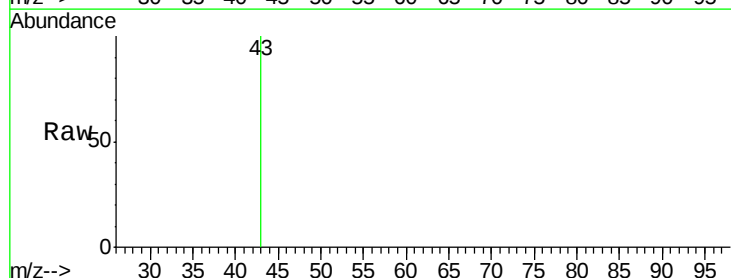
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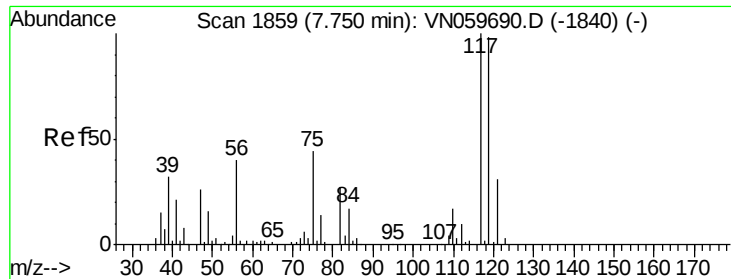
Tgt Ion: 75 Resp: 14542
 Ion Ratio Lower Upper
 75 100
 110 9.9 16.6 49.7#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.28 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.06 min
 Lab File: VN060012.D
 Acq: 6 Feb 2020 13:01

Tgt Ion: 43 Resp: 724
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.9 16.3#
 70 0.0 7.7 11.5#

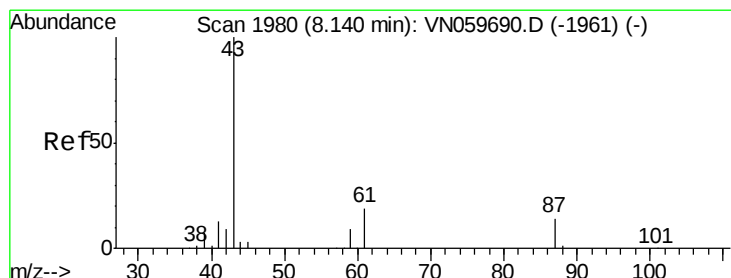
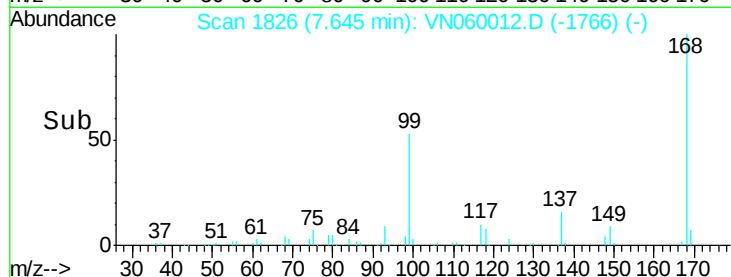
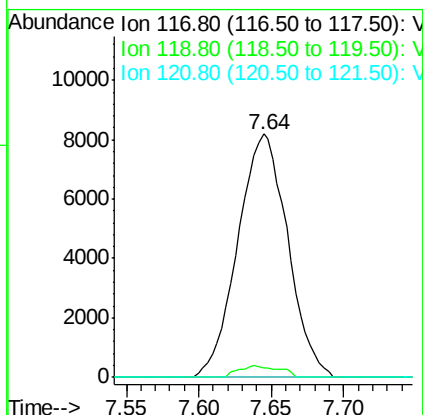
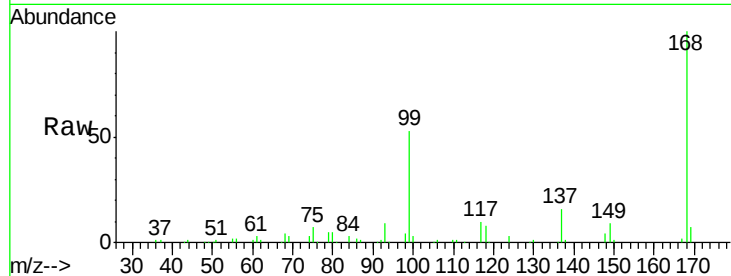




#38
Carbon Tetrachloride
Concen: 6.56 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

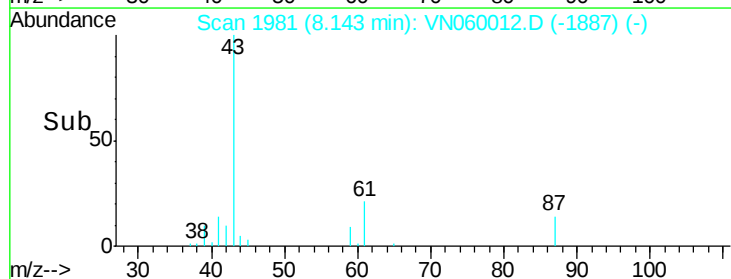
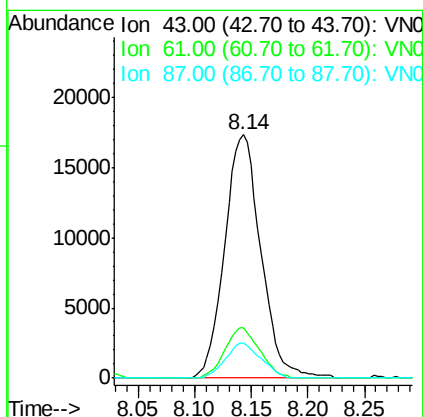
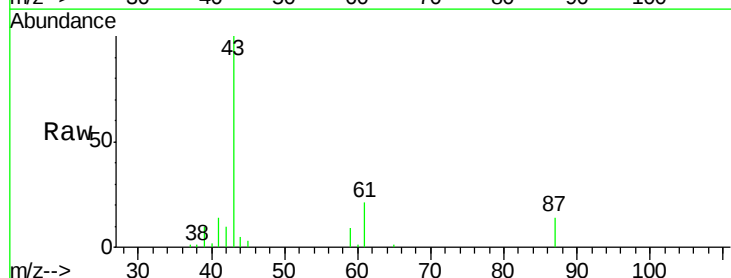
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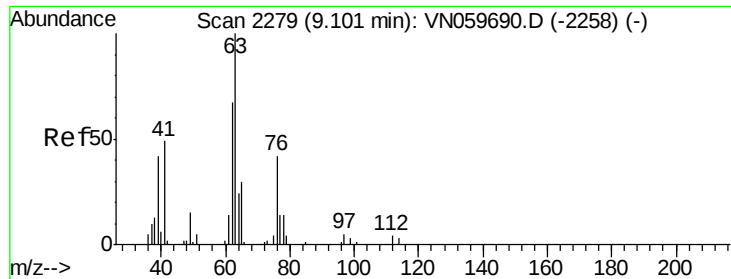
Tgt Ion:117 Resp: 19609
Ion Ratio Lower Upper
117 100
119 4.0 76.5 114.7#
121 0.0 25.1 37.7#



#43
Isopropyl Acetate
Concen: 8.73 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

Tgt Ion: 43 Resp: 38687
Ion Ratio Lower Upper
43 100
61 19.7 20.2 30.2#
87 14.0 9.5 14.3





#45

1,2-Dichloropropane

Concen: 0.33 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060012.D

Acq: 6 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

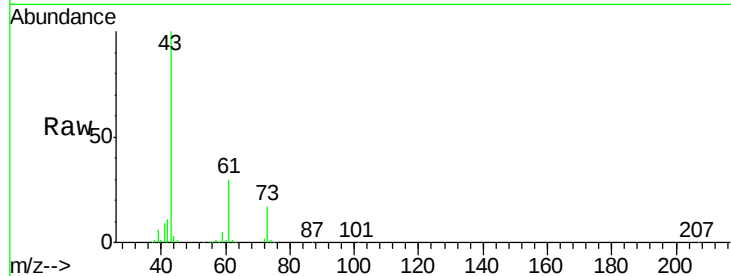
MNR-WHITE-PLAINS-COMP

Tgt Ion: 63 Resp: 661

Ion Ratio Lower Upper

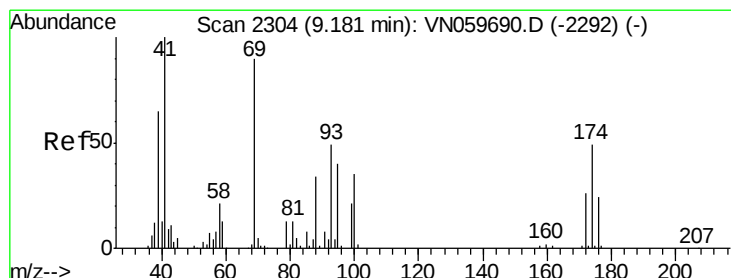
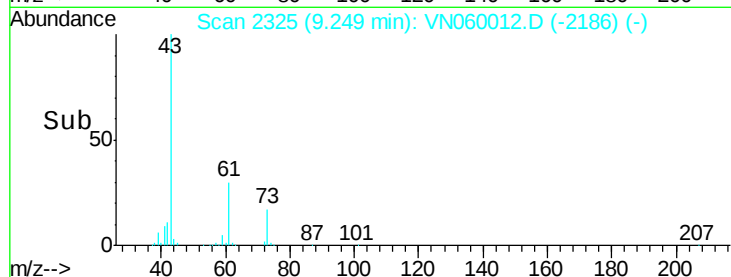
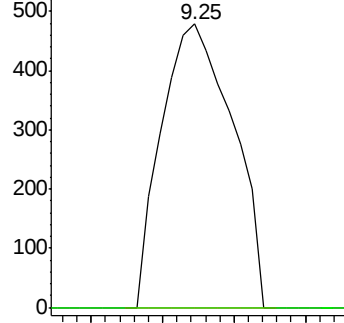
63 100

65 0.0 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.15 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN060012.D

Acq: 6 Feb 2020 13:01

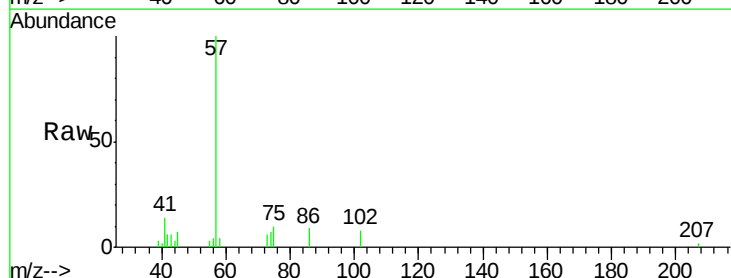
Tgt Ion: 41 Resp: 2272

Ion Ratio Lower Upper

41 100

69 0.0 64.4 96.6#

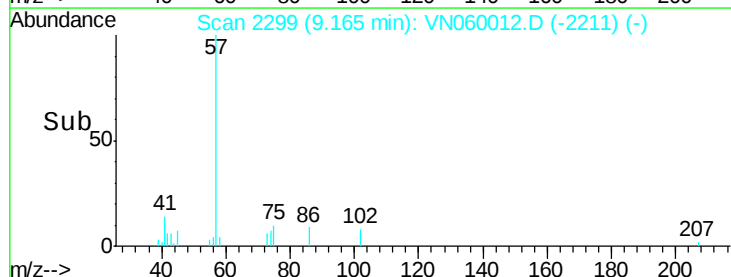
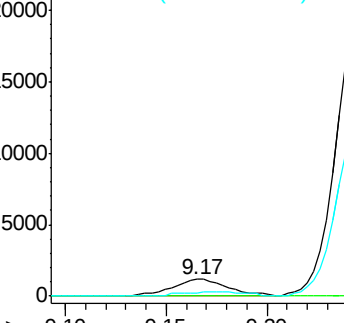
39 0.0 51.3 76.9#

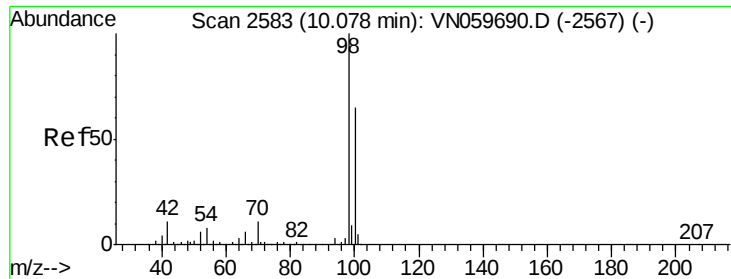


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: 52.40 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060012.D

Acq: 6 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

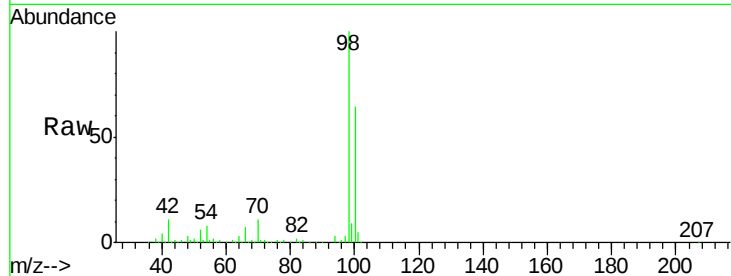
MNR-WHITE-PLAINS-COMP

Tgt Ion: 98 Resp: 382029

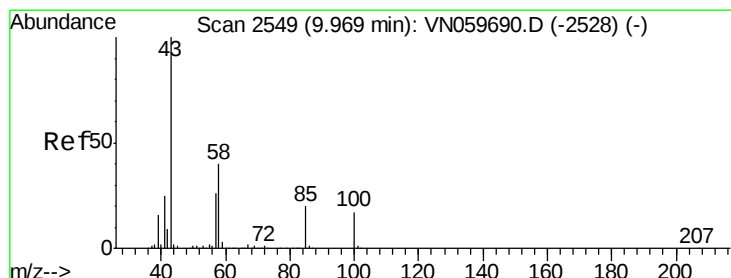
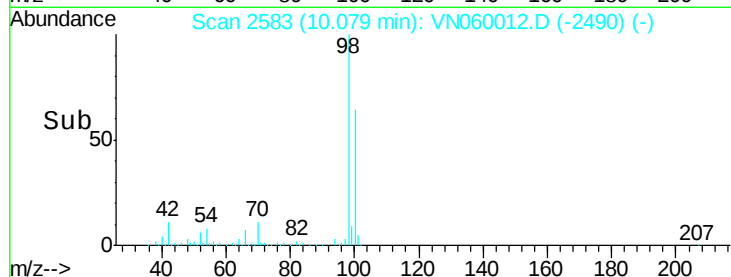
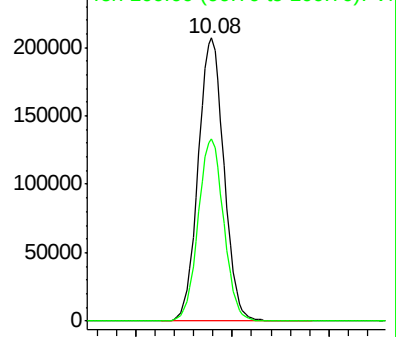
Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN060012.D (-2490) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.96 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN060012.D

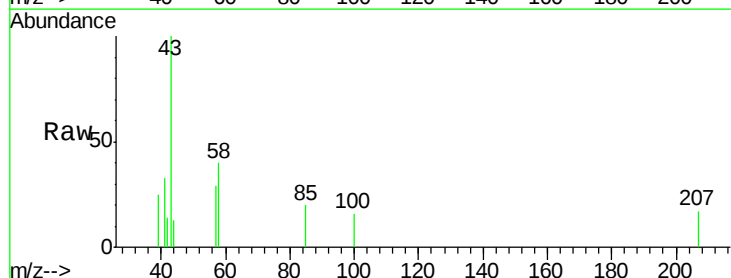
Acq: 6 Feb 2020 13:01

Tgt Ion: 43 Resp: 2469

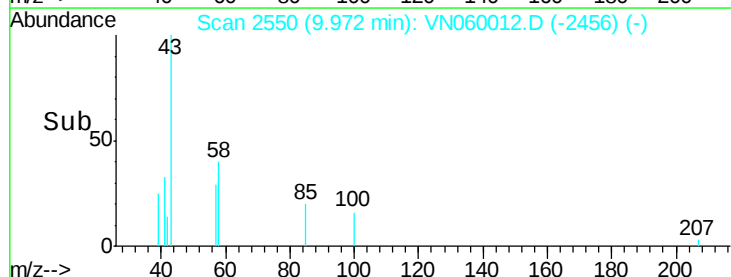
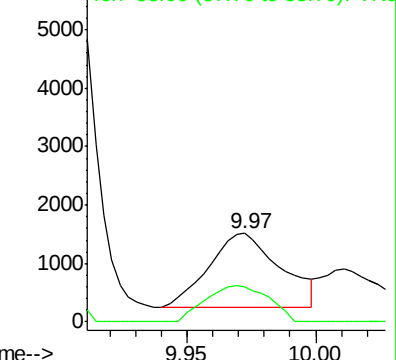
Ion Ratio Lower Upper

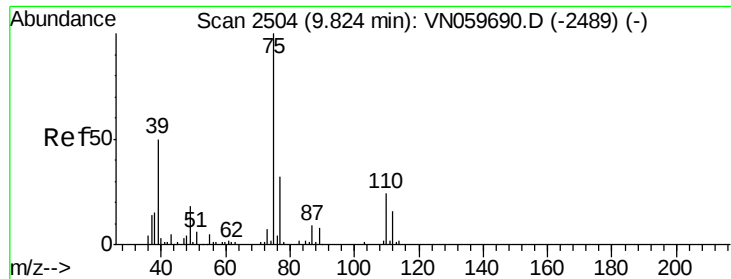
43 100

58 43.0 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN060012.D (-2456) (-)

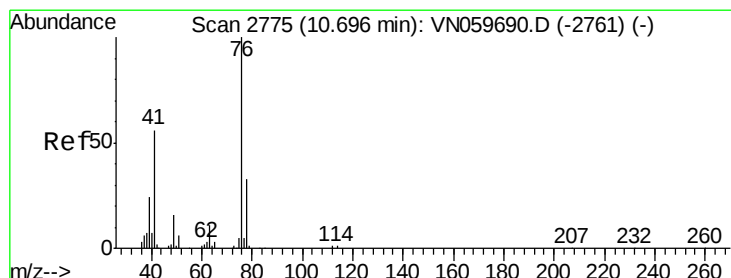
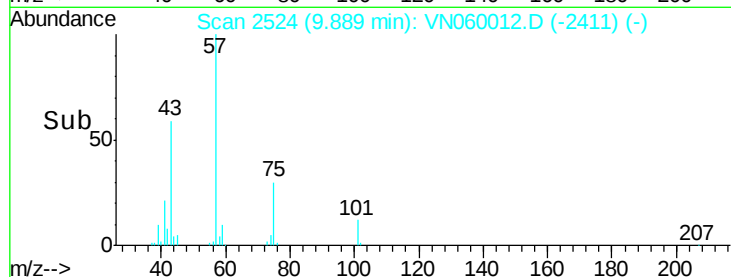
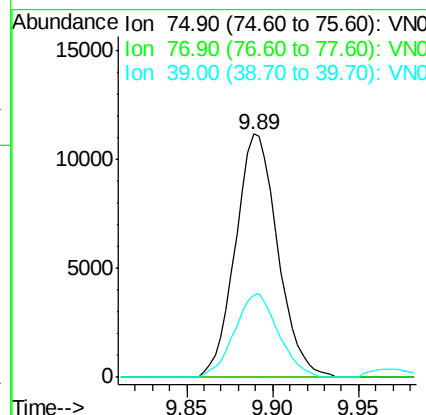
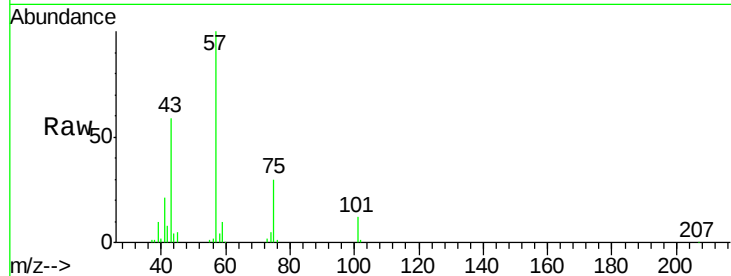




#54
 cis-1,3-Dichloropropene
 Concen: 5.63 ug/l
 RT: 9.89 min Scan# 2524
 Delta R.T. 0.06 min
 Lab File: VN060012.D
 Acq: 6 Feb 2020 13:01

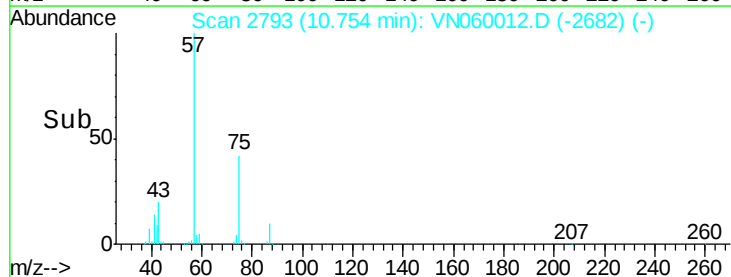
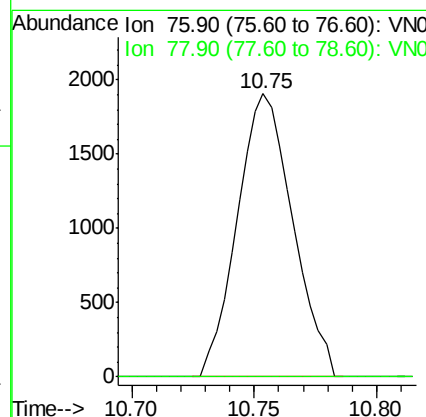
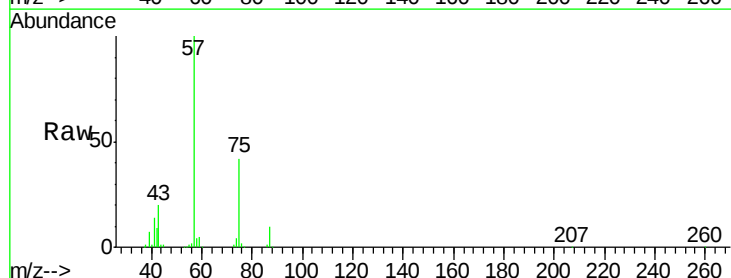
Instrument :
 MSVOA_N
 ClientSampleId :
 MNR-WHITE-PLAINS-COMP

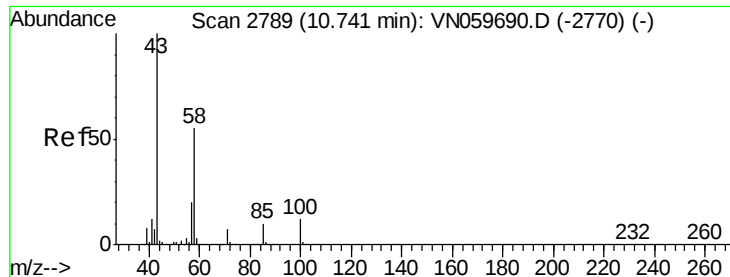
Tgt Ion: 75 Resp: 19054
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 33.8 46.1 69.1#



#57
 1,3-Dichloropropane
 Concen: 0.92 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.06 min
 Lab File: VN060012.D
 Acq: 6 Feb 2020 13:01

Tgt Ion: 76 Resp: 3003
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#

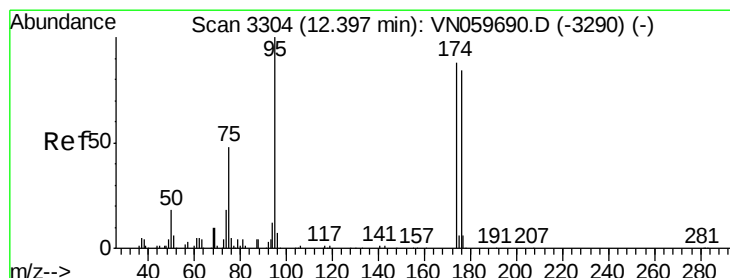
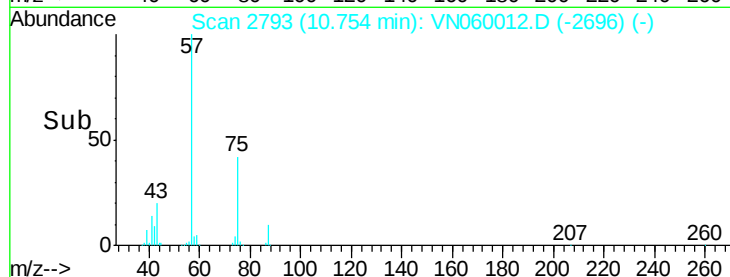
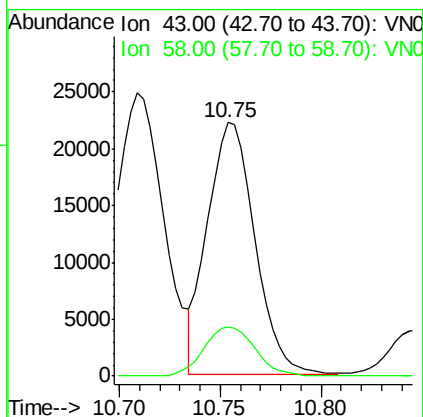
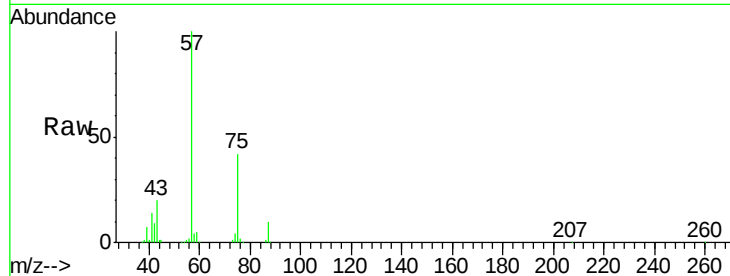




#59
2-Hexanone
Concen: 19.15 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

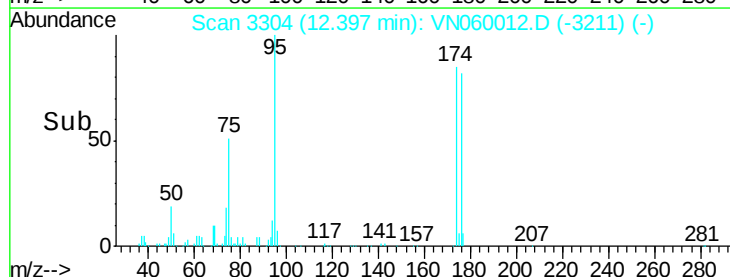
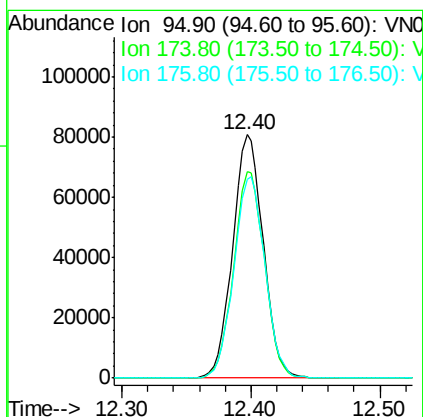
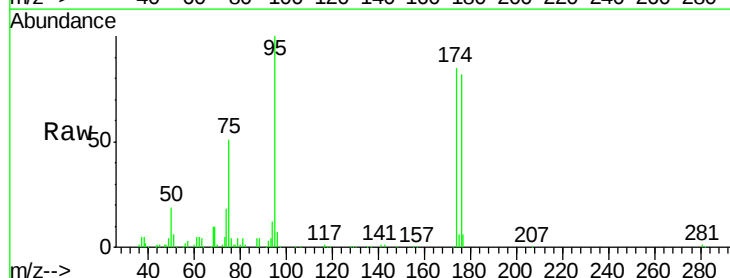
Instrument :
MSVOA_N
ClientSampleId :
MNR-WHITE-PLAINS-COMP

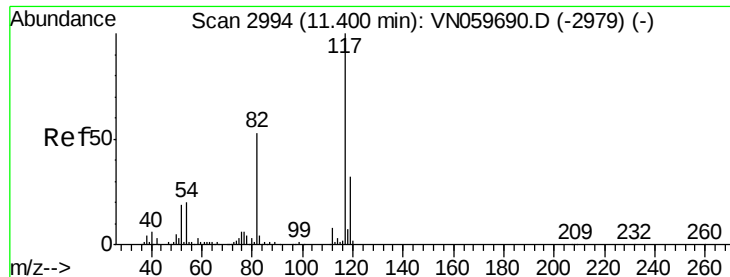
Tgt Ion: 43 Resp: 36161
Ion Ratio Lower Upper
43 100
58 20.9 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 50.68 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

Tgt Ion: 95 Resp: 133206
Ion Ratio Lower Upper
95 100
174 85.5 0.0 151.4
176 84.1 0.0 146.0

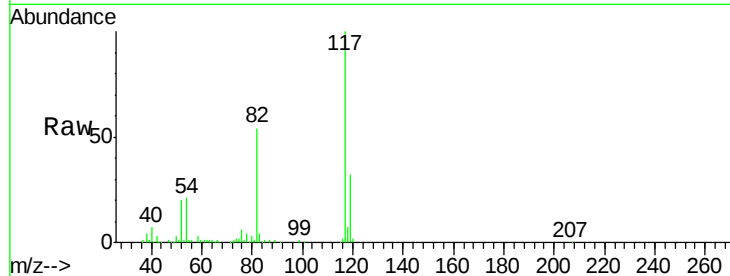




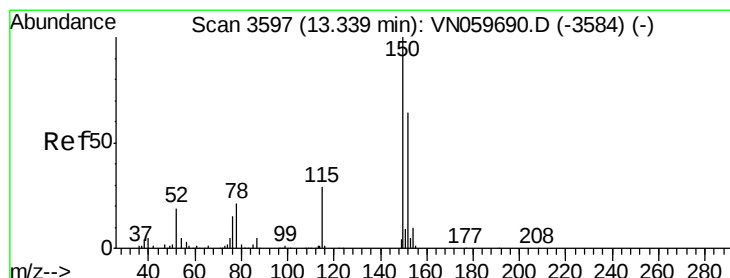
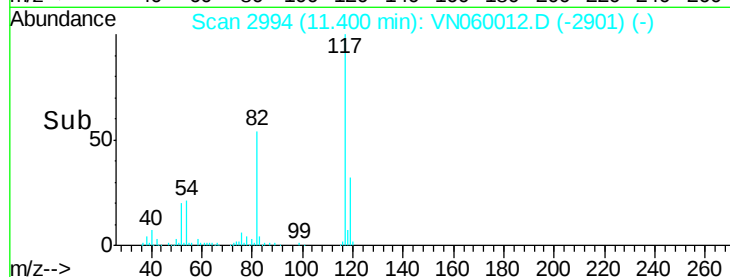
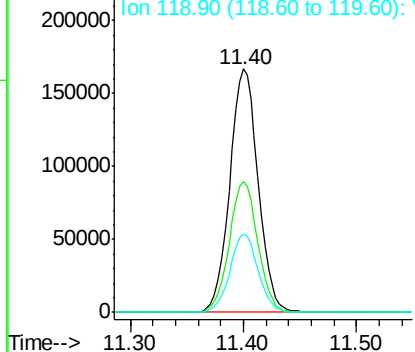
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
MNR-WHITE-PLAINS-COMP

Tgt Ion:117 Resp: 290104
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 32.2 25.5 38.3

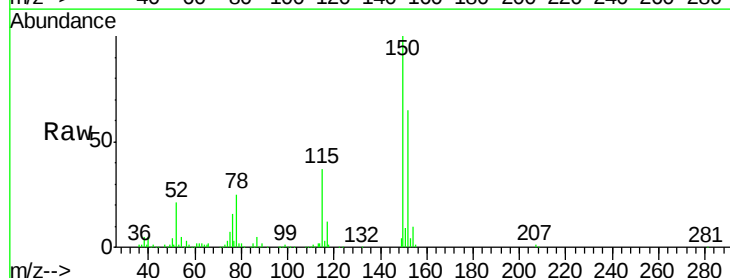


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

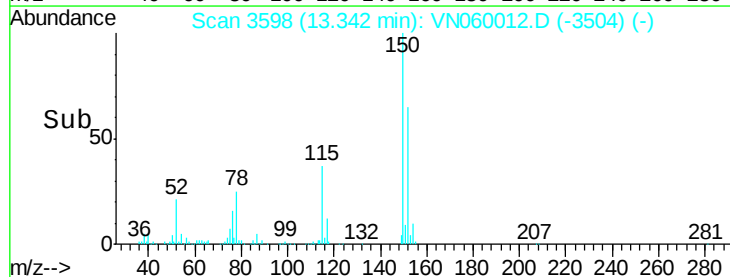
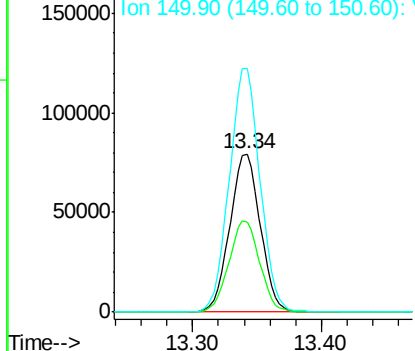


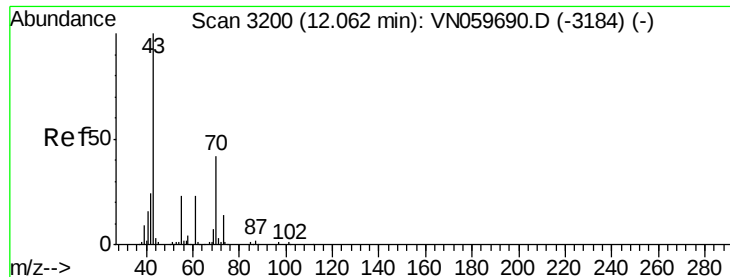
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

Tgt Ion:152 Resp: 130424
Ion Ratio Lower Upper
152 100
115 58.3 30.3 90.9
150 155.2 0.0 345.2



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: 0.63 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN060012.D

Acq: 6 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

MNR-WHITE-PLAINS-COMP

Tgt Ion: 43 Resp: 2346

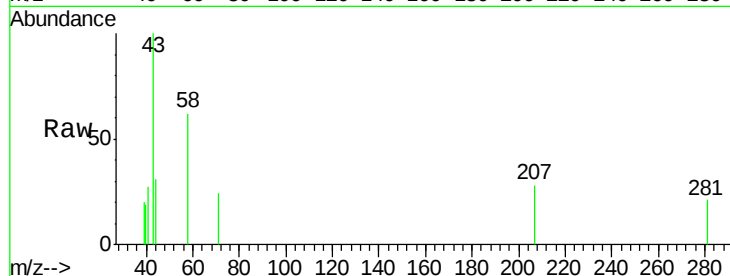
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#

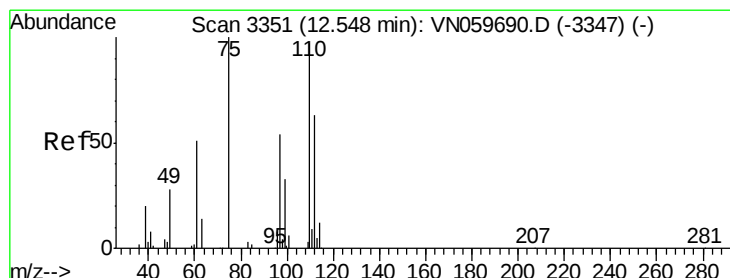
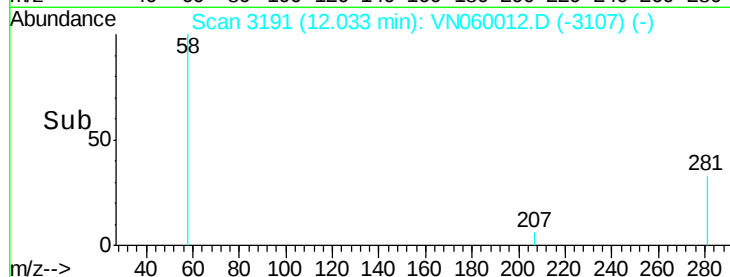
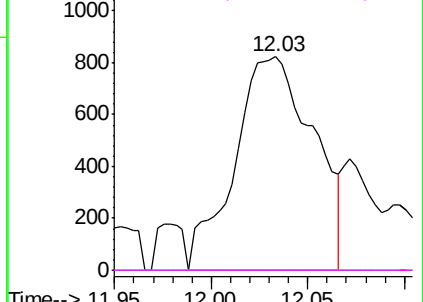


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 31.40 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060012.D

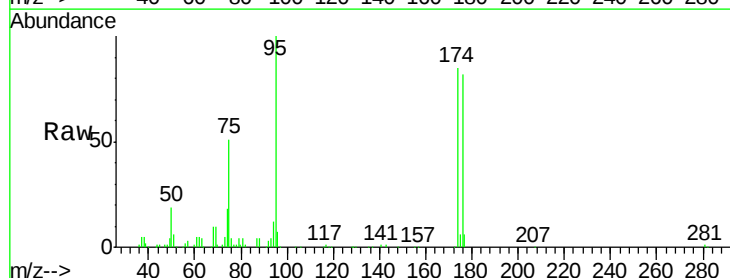
Acq: 6 Feb 2020 13:01

Tgt Ion: 75 Resp: 68921

Ion Ratio Lower Upper

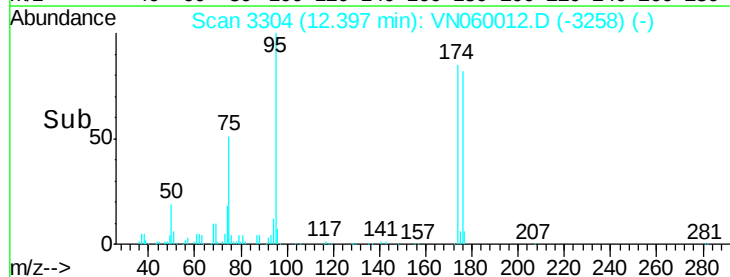
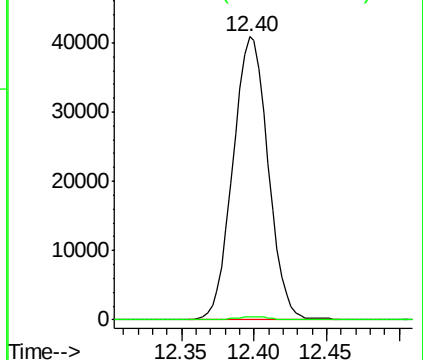
75 100

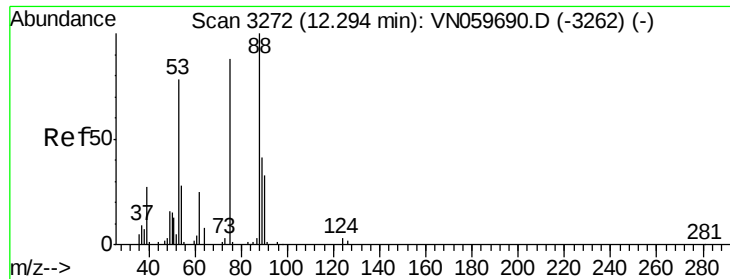
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

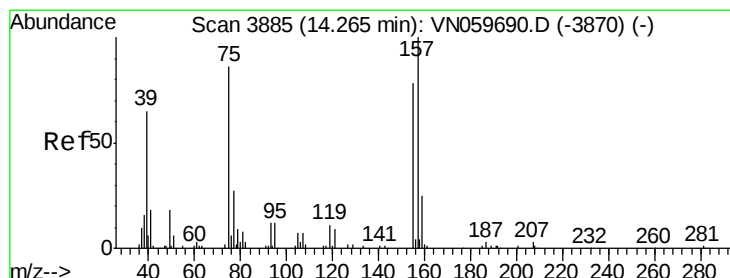
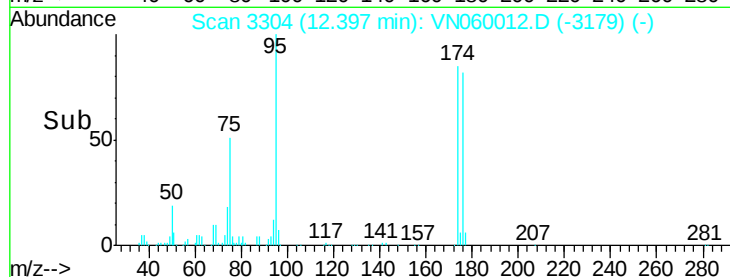
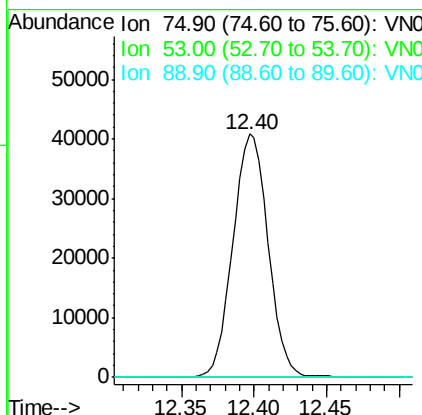
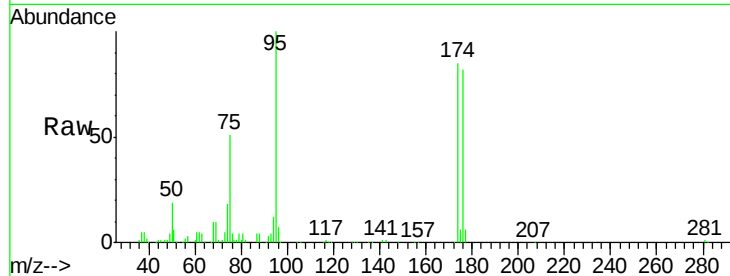




#81
trans-1,4-Dichloro-2-butene
Concen: 67.43 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

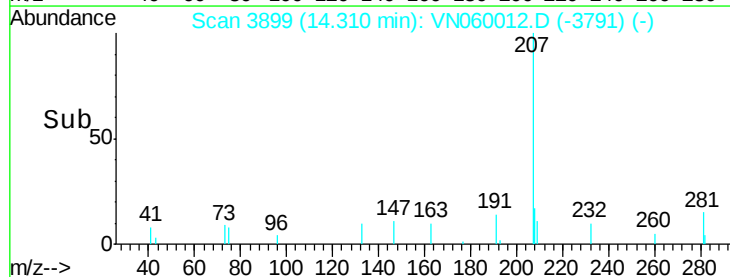
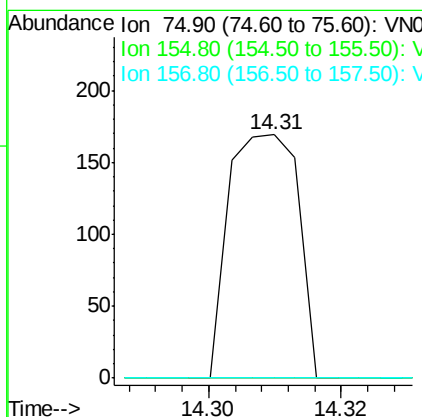
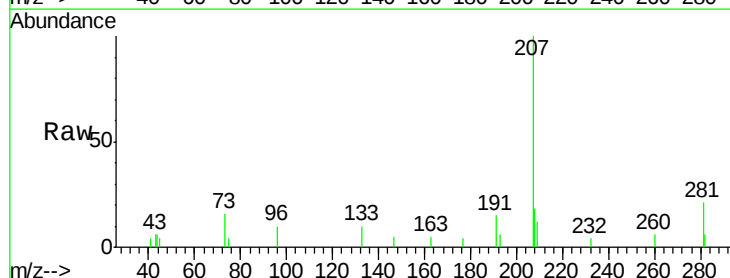
Instrument :
MSVOA_N
ClientSampleId :
MNR-WHITE-PLAINS-COMP

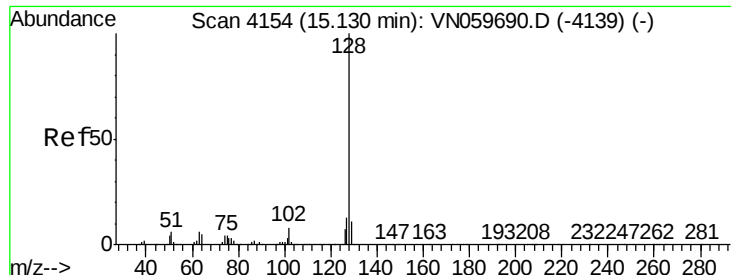
Tgt Ion: 75 Resp: 68921
Ion Ratio Lower Upper
75 100
53 0.0 78.1 117.1#
89 0.0 35.4 53.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.31 min Scan# 3899
Delta R.T. 0.05 min
Lab File: VN060012.D
Acq: 6 Feb 2020 13:01

Tgt Ion: 75 Resp: 124
Ion Ratio Lower Upper
75 100
155 0.0 37.0 110.9#
157 0.0 48.4 145.2#





#95

Naphthalene

Concen: 0.46 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN060012.D

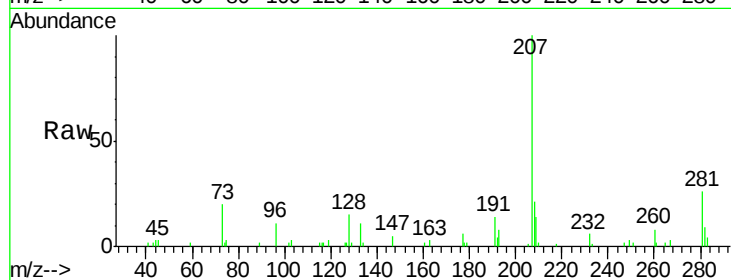
Acq: 6 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

MNR-WHITE-PLAINS-COMP



Tgt Ion:	128	Resp:	3282
Ion	Ratio	Lower	Upper
128	100		
127	9.4	10.4	15.6#
129	7.7	8.6	12.8#

