

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022420\
 Data File : VN060206.D
 Acq On : 24 Feb 2020 13:46
 Operator : JC/MD
 Sample : L1659-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WH-1-COMP-1

Quant Time: Feb 24 15:49:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	179764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	278975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115646	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104974	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	7.57	113	83243	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	10.08	98	338961	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	120947	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

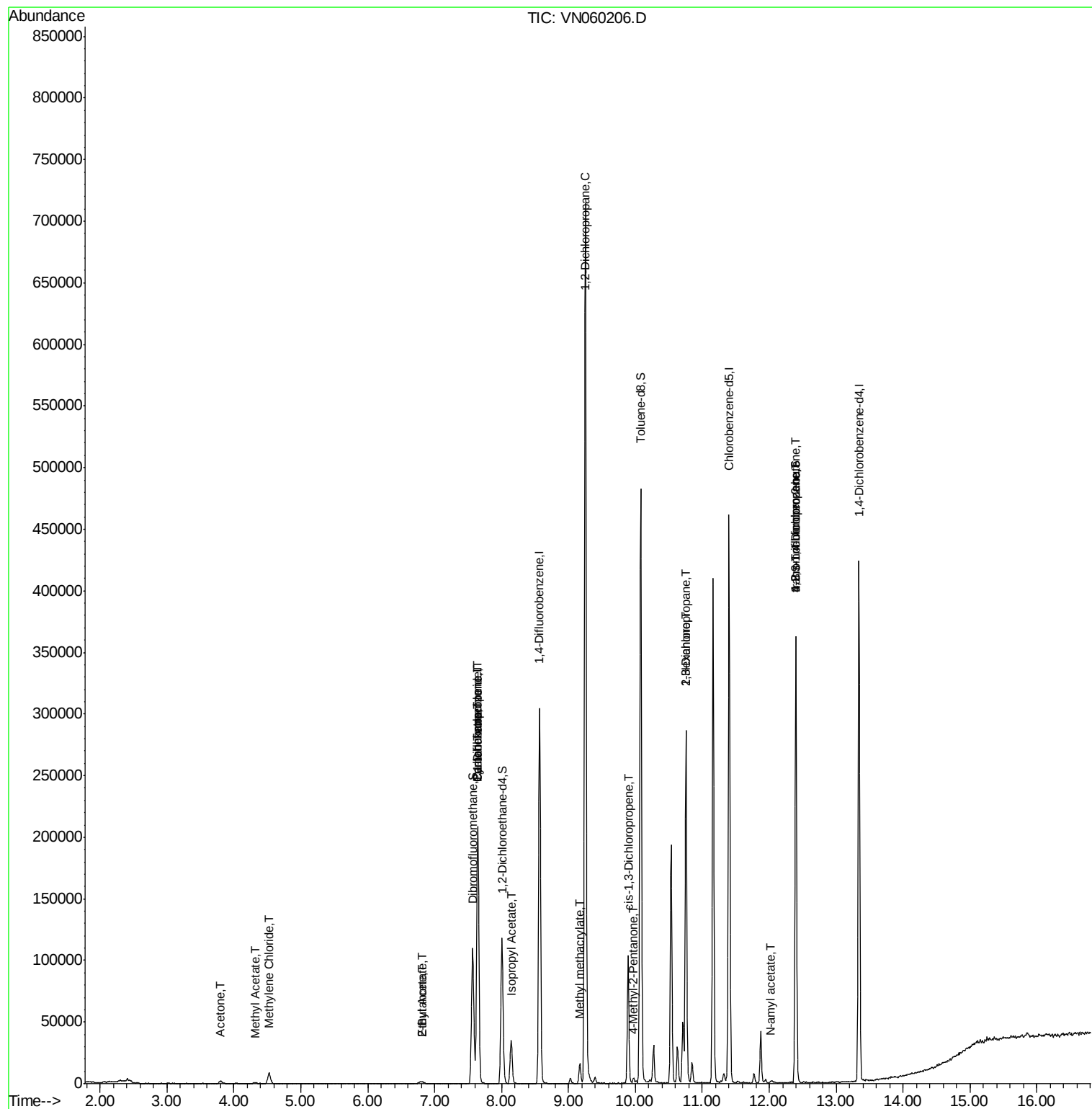
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	3912	4.10	ug/l	96
18) Methyl Acetate	4.31	43	1117	0.62	ug/l	# 50
20) Methylene Chloride	4.53	84	6879	3.61	ug/l	98
25) 2-Butanone	6.82	43	1318	1.10	ug/l	93
31) Cyclohexane	7.64	56	3427	1.11	ug/l	# 7
36) 1,1-Dichloropropene	7.64	75	12778	4.95	ug/l	# 48
37) Ethyl Acetate	6.82	43	1318	0.56	ug/l	# 68
38) Carbon Tetrachloride	7.64	117	16444	5.86	ug/l	# 16
43) Isopropyl Acetate	8.14	43	42682	10.69	ug/l	# 90
45) 1,2-Dichloropropane	9.25	63	876	0.46	ug/l	# 43
48) Methyl methacrylate	9.17	41	2057	1.15	ug/l	# 9
51) 4-Methyl-2-Pentanone	9.97	43	2810	1.22	ug/l	90
54) cis-1,3-Dichloropropene	9.89	75	19274	5.95	ug/l	# 60
57) 1,3-Dichloropropane	10.76	76	2936	0.93	ug/l	# 43
59) 2-Hexanone	10.75	43	41272	23.12	ug/l	# 52
74) N-amyl acetate	12.02	43	1814	0.58	ug/l	# 43
76) 1,2,3-Trichloropropane	12.40	75	62193	28.11	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	62193	68.83	ug/l	# 12
92) 1,2-Dibromo-3-Chloropropan	14.17	75	29	Below Cal		# 1

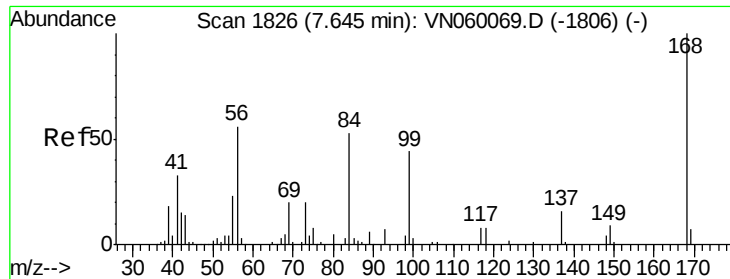
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022420\
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ClientSampleId :
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Quant Time: Feb 24 15:49:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

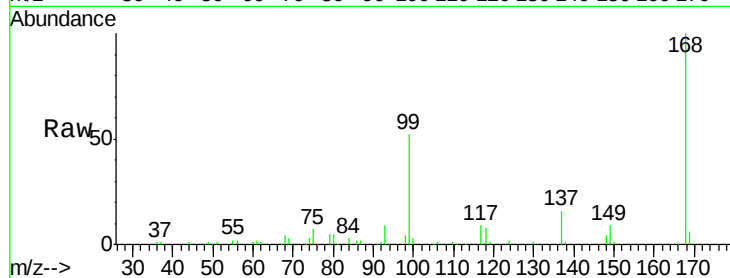
WH-1-COMP-1

Tgt Ion:168 Resp: 179764

Ion Ratio Lower Upper

168 100

99 51.8 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

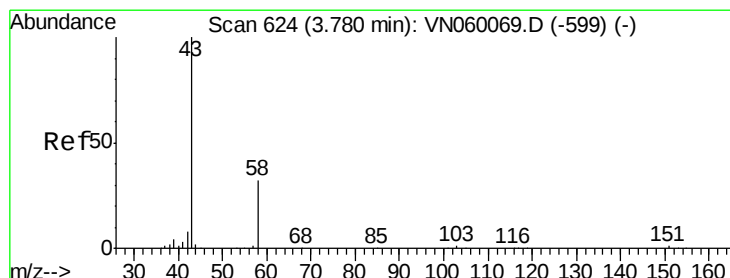
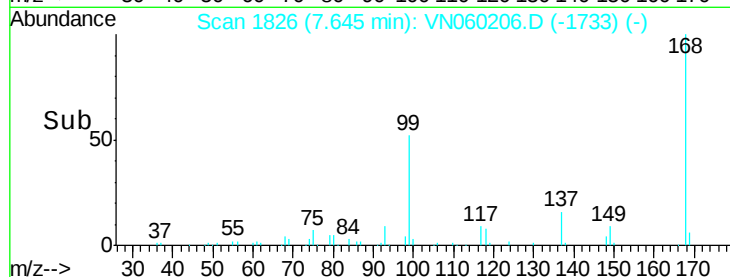
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 4.10 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060206.D

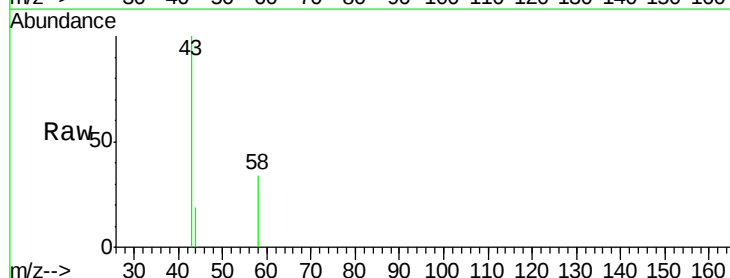
Acq: 24 Feb 2020 13:46

Tgt Ion: 43 Resp: 3912

Ion Ratio Lower Upper

43 100

58 33.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

1500

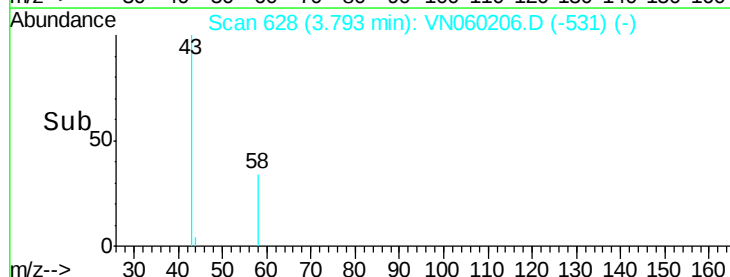
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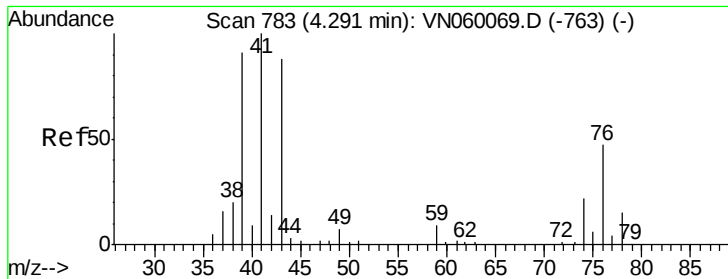
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0

3.75 3.80 3.85

Time-->

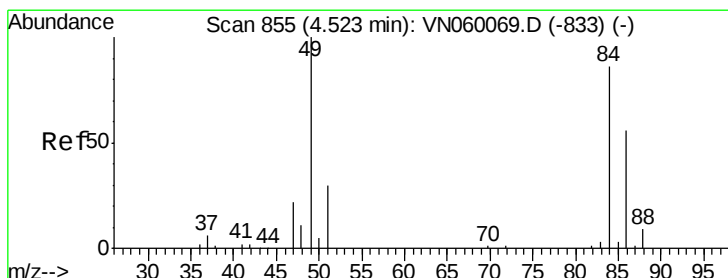
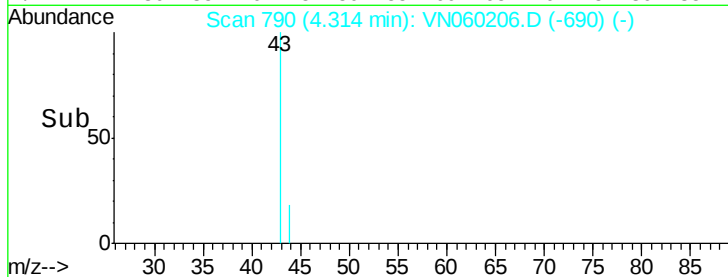
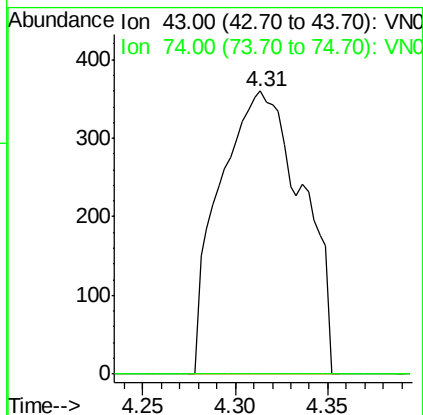
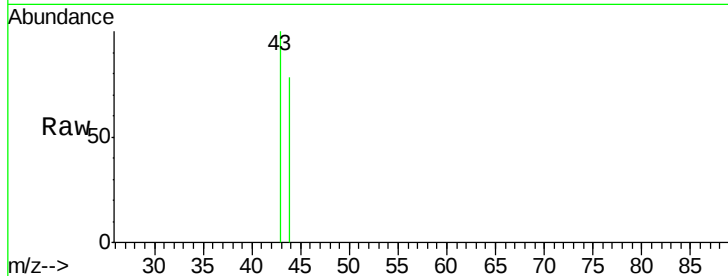




#18
Methyl Acetate
Concen: 0.62 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.02 min
Lab File: VN060206.D
Acq: 24 Feb 2020 13:46

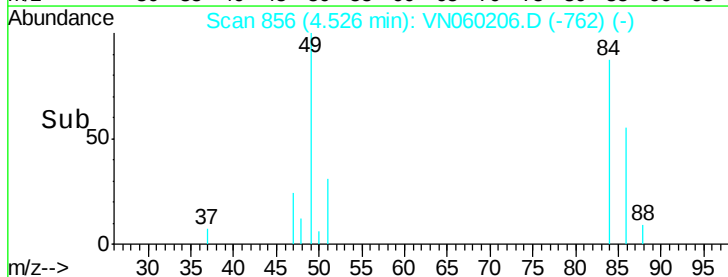
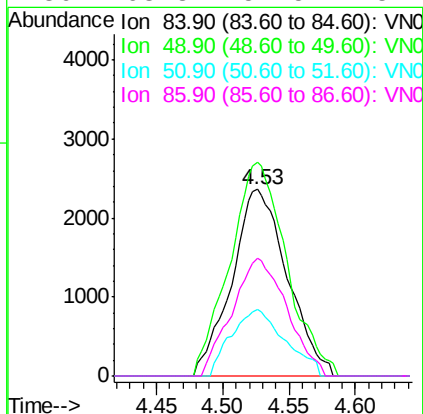
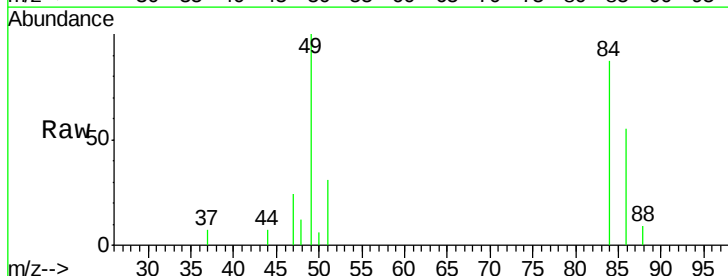
Instrument :
MSVOA_N
ClientSampleId :
WH-1-COMP-1

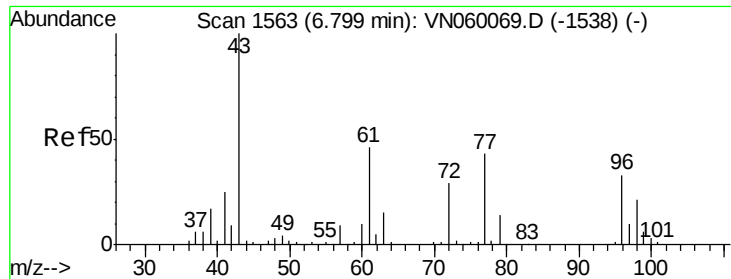
Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: 3.61 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060206.D
Acq: 24 Feb 2020 13:46

Tgt Ion: 84 Resp: 6879
Ion Ratio Lower Upper
84 100
49 114.6 93.4 140.0
51 35.4 28.4 42.6
86 63.3 52.5 78.7

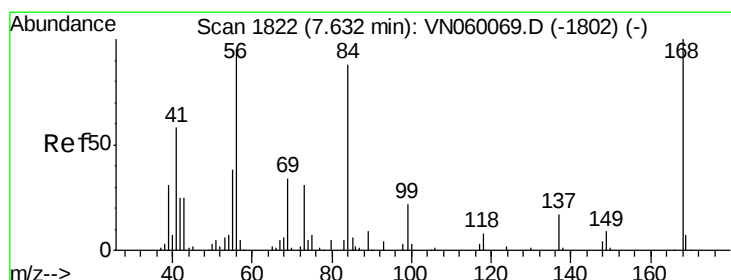
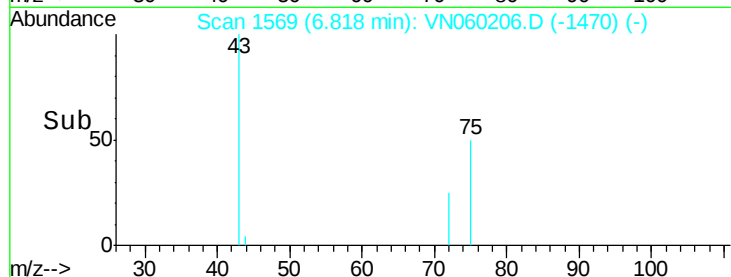
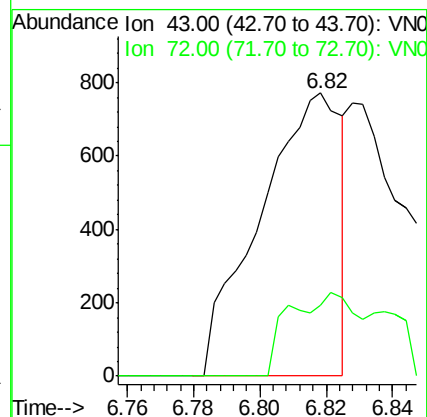
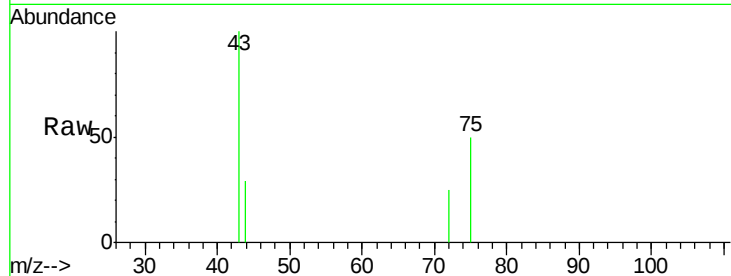




#25
2-Butanone
Concen: 1.10 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.02 min
Lab File: VN060206.D
Acq: 24 Feb 2020 13:46

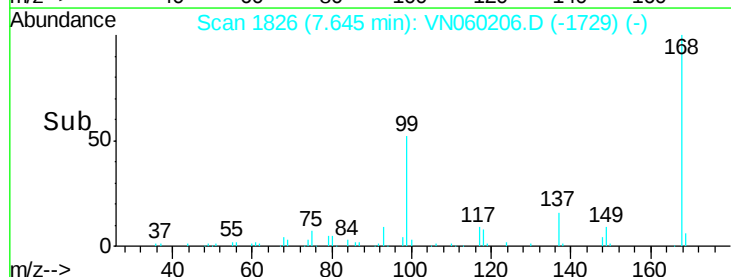
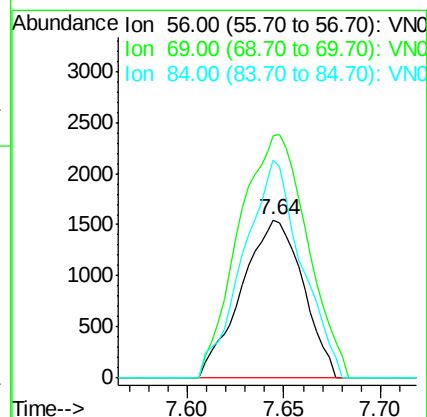
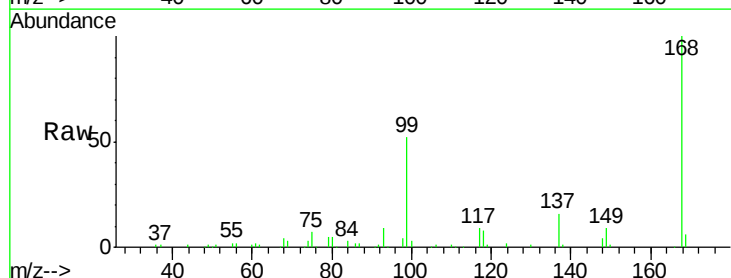
Instrument :
MSVOA_N
ClientSampleId :
WH-1-COMP-1

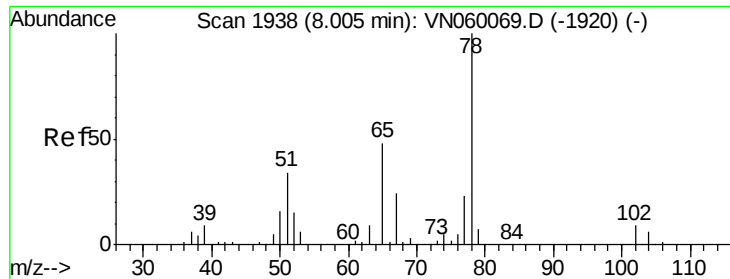
Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
72 25.3 23.3 34.9



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN060206.D
Acq: 24 Feb 2020 13:46

Tgt Ion: 56 Resp: 3427
Ion Ratio Lower Upper
56 100
69 153.1 28.3 42.5#
84 138.3 72.6 108.8#

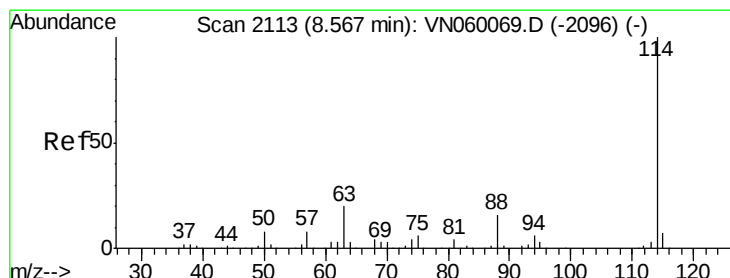
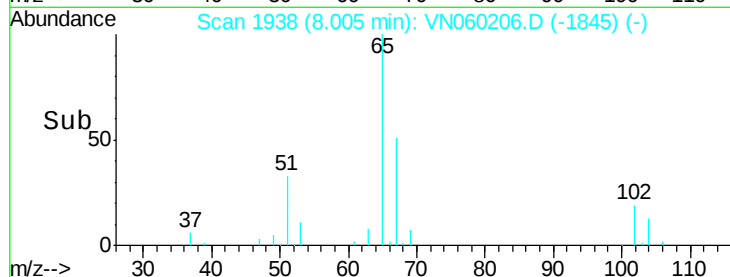
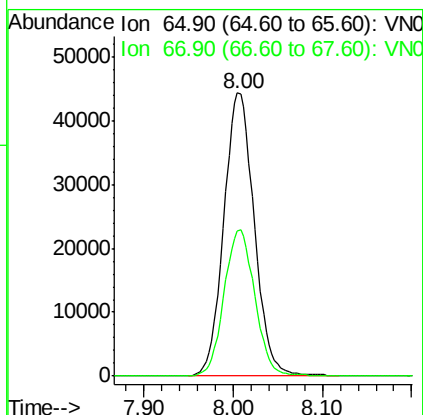
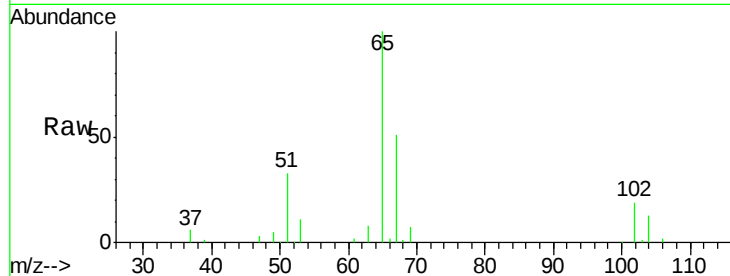




#33
 1,2-Dichloroethane-d4
 Concen: 47.99 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060206.D
 Acq: 24 Feb 2020 13:46

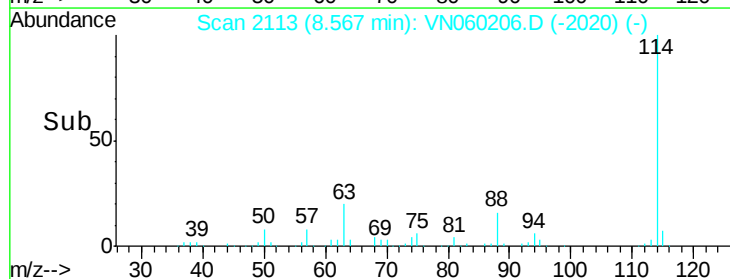
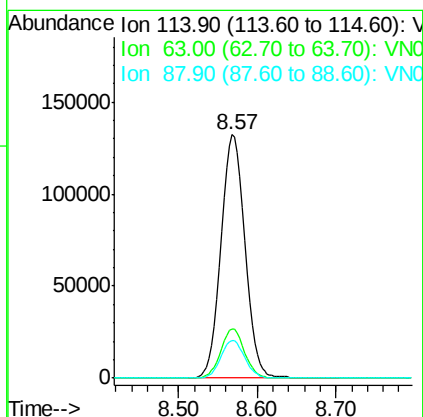
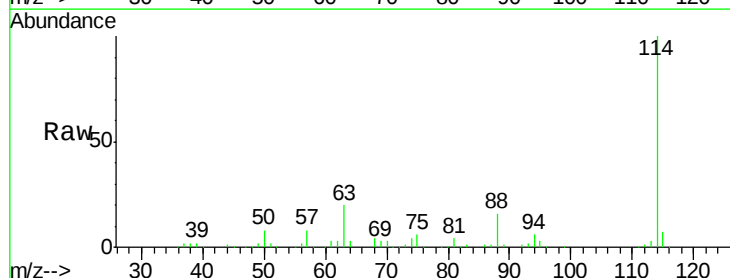
Instrument :
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 ClientSampleId :
 WH-1-COMP-1

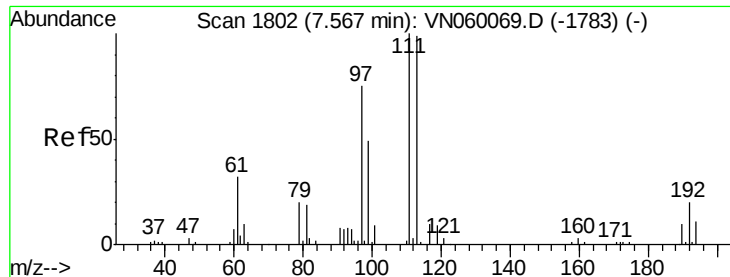
Tgt Ion: 65 Resp: 104974
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060206.D
 Acq: 24 Feb 2020 13:46

Tgt Ion: 114 Resp: 278975
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.6 0.0 31.6

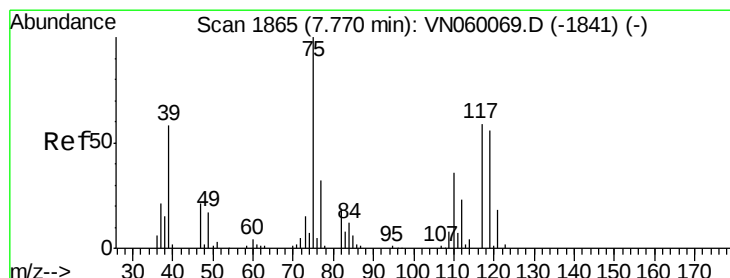
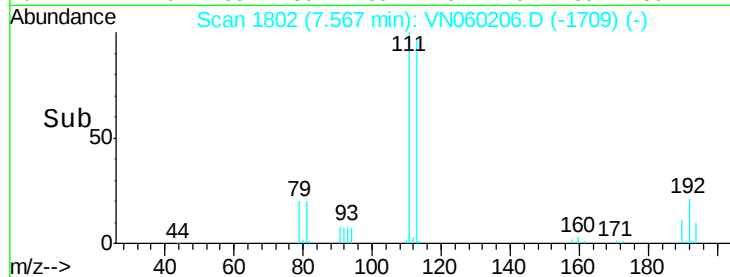
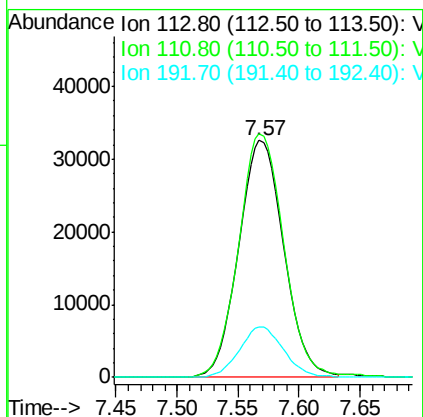
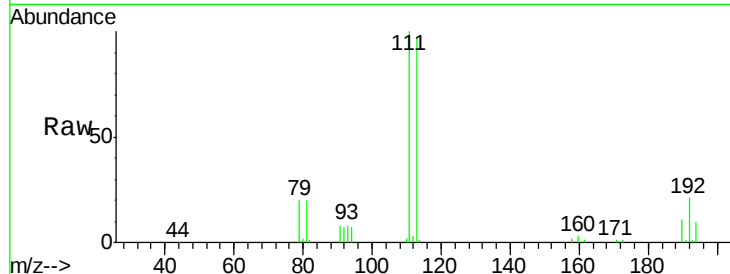




#35
Dibromofluoromethane
Concen: 48.54 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060206.D
Acq: 24 Feb 2020 13:46

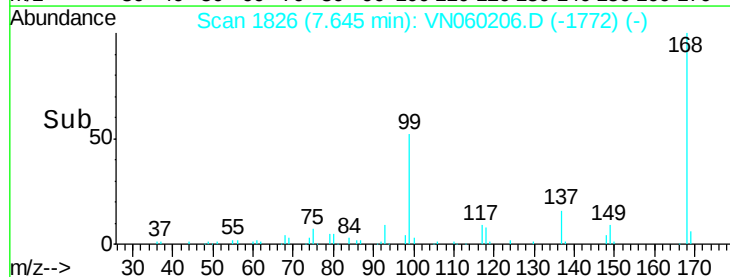
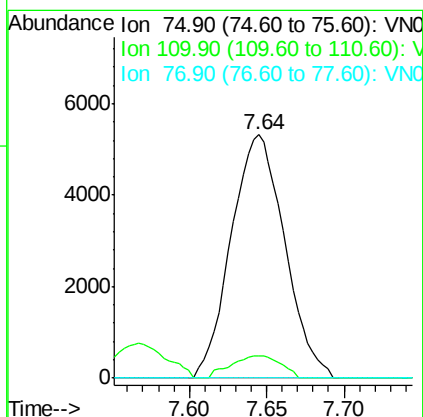
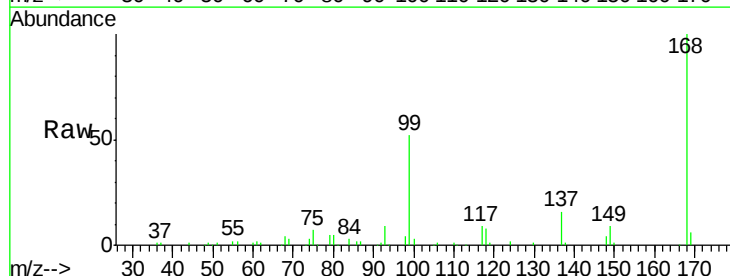
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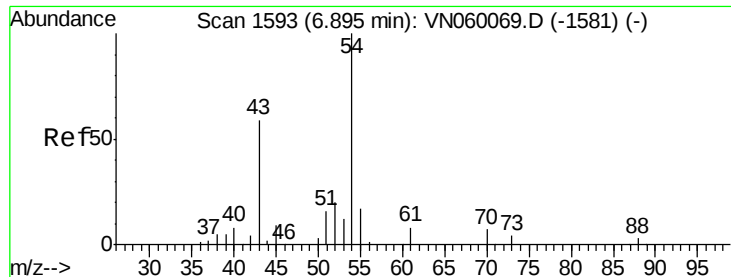
Tgt Ion: 113 Resp: 83243
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.2
192 20.8 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.95 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN060206.D
Acq: 24 Feb 2020 13:46

Tgt Ion: 75 Resp: 12778
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.3#
77 0.0 25.1 37.7#

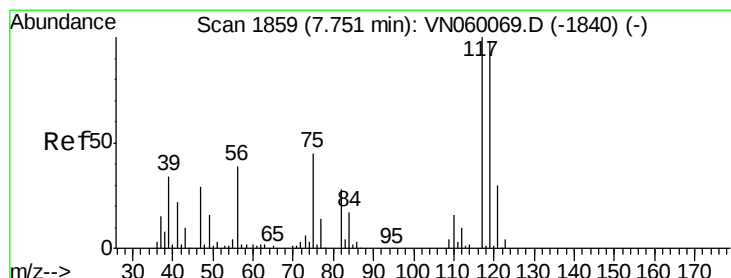
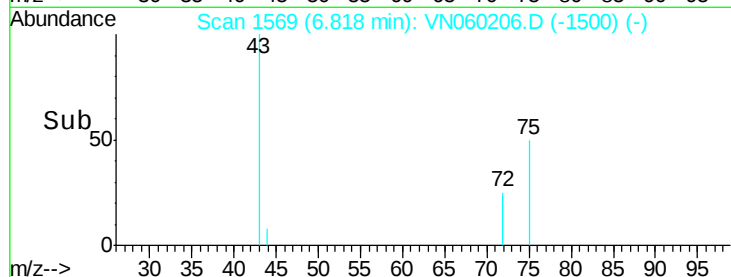
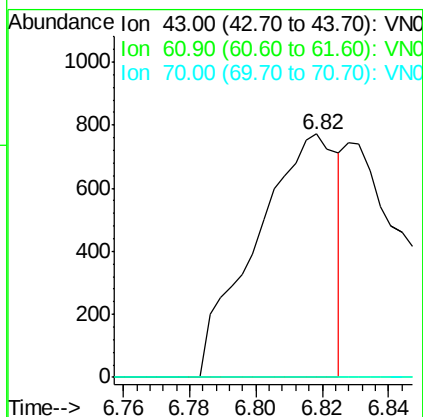
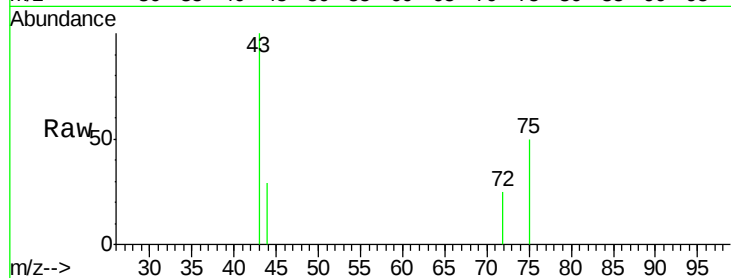




#37
 Ethyl Acetate
 Concen: 0.56 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.08 min
 Lab File: VN060206.D
 Acq: 24 Feb 2020 13:46

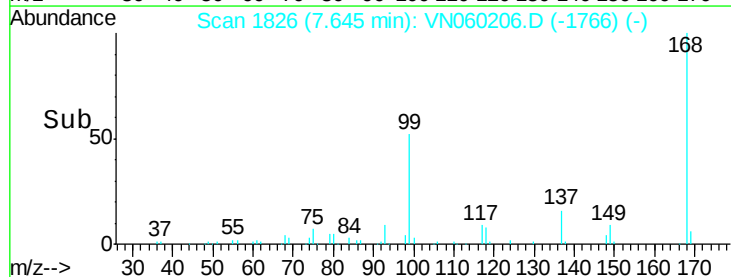
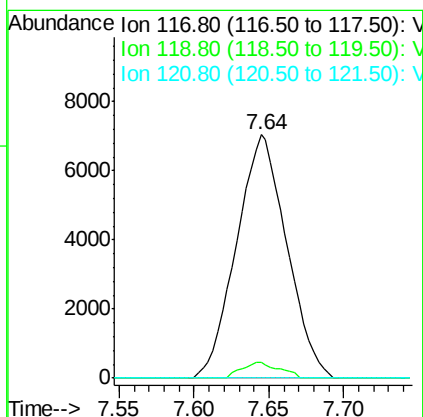
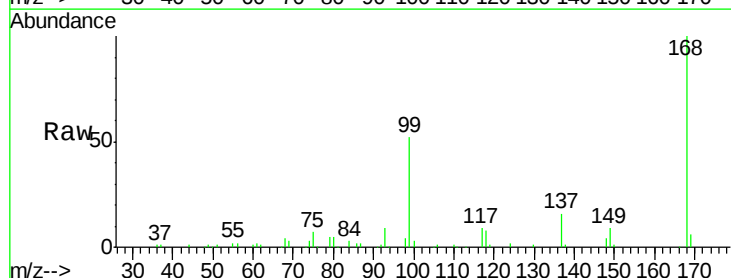
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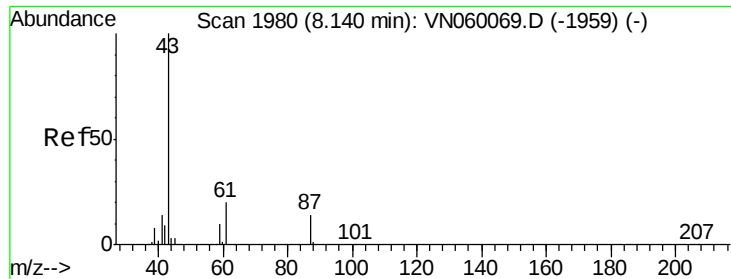
Tgt Ion: 43 Resp: 1318
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 8.7 13.1#



#38
 Carbon Tetrachloride
 Concen: 5.86 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN060206.D
 Acq: 24 Feb 2020 13:46

Tgt Ion: 117 Resp: 16444
 Ion Ratio Lower Upper
 117 100
 119 6.6 78.2 117.4#
 121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 10.69 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

WH-1-COMP-1

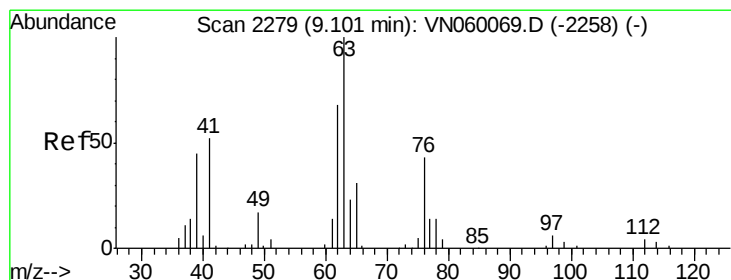
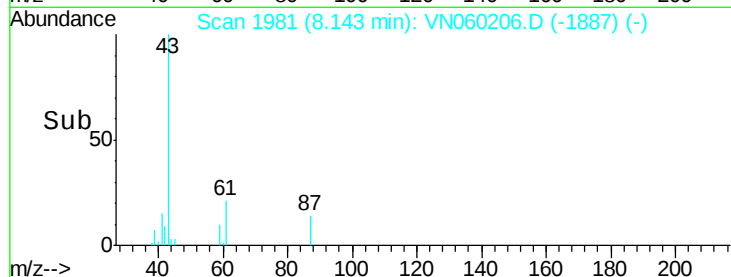
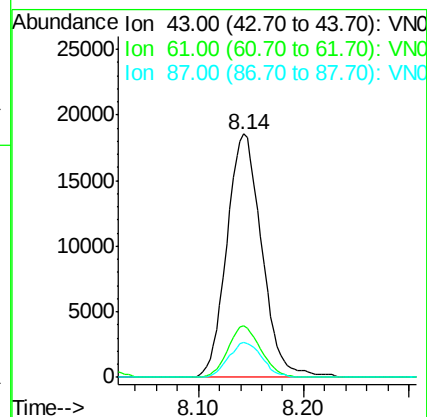
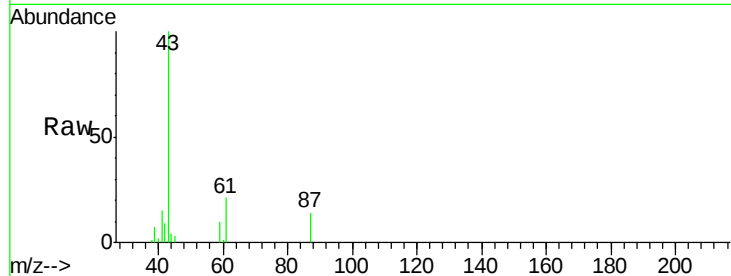
Tgt Ion: 43 Resp: 42682

Ion Ratio Lower Upper

43 100

61 19.7 21.8 32.6#

87 13.6 11.4 17.2



#45

1,2-Dichloropropane

Concen: 0.46 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN060206.D

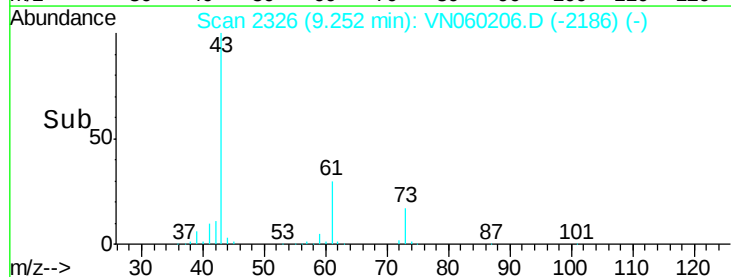
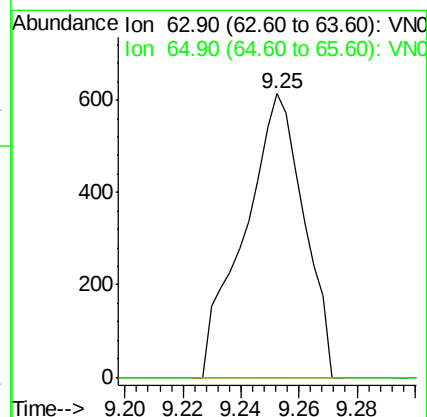
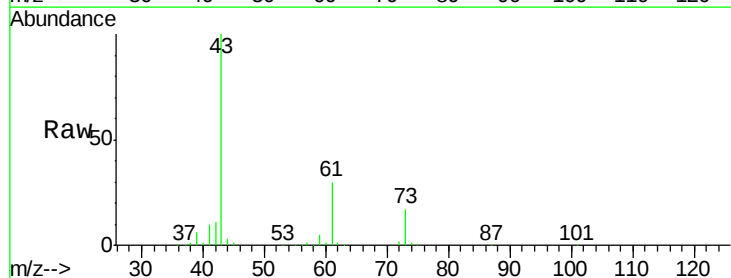
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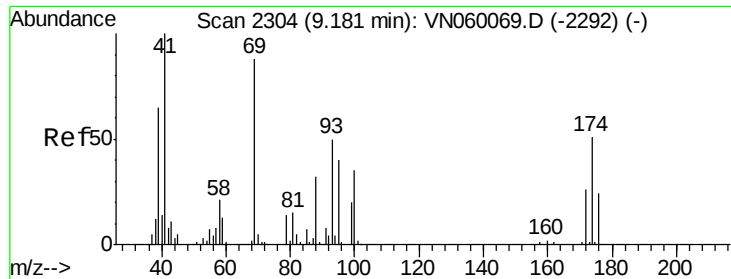
Tgt Ion: 63 Resp: 876

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

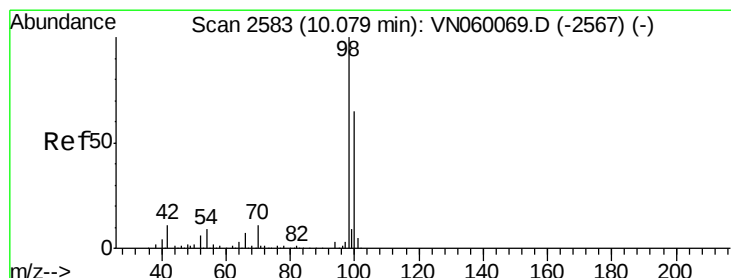
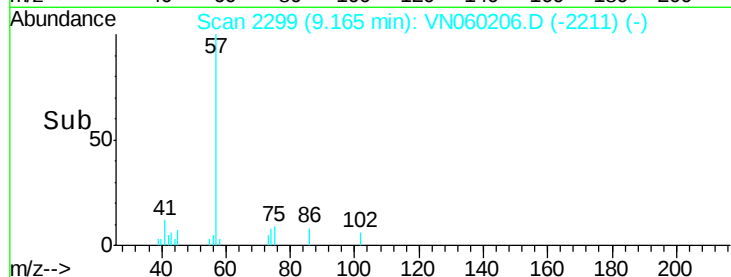
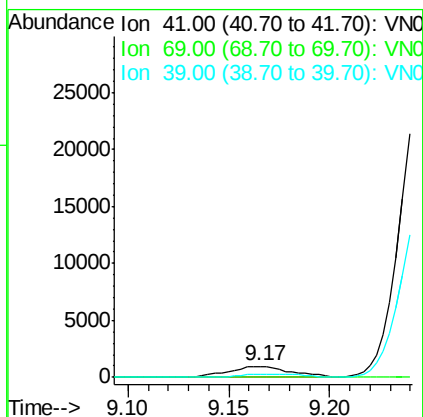
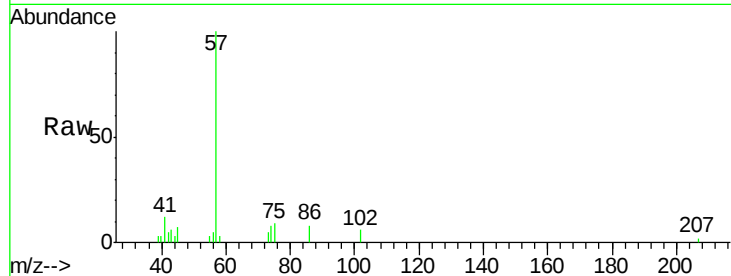




#48
Methyl methacrylate
Concen: 1.15 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN060206.D
Acq: 24 Feb 2020 13:46

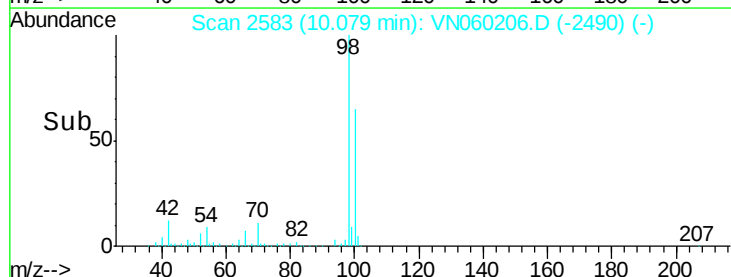
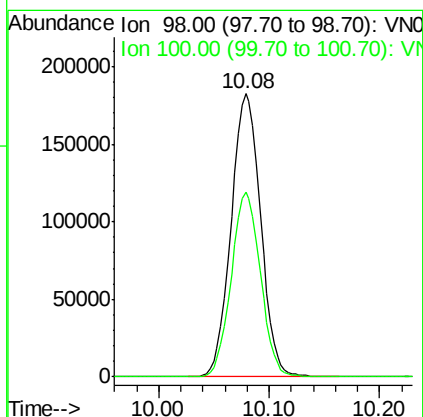
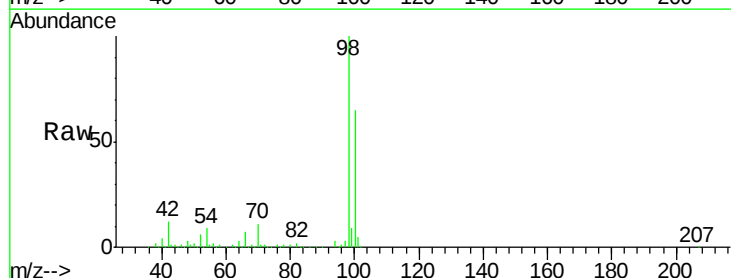
Instrument :
MSVOA_N
ClientSampled :
WH-1-COMP-1

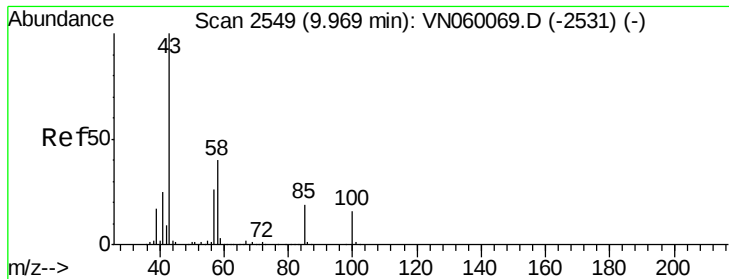
Tgt Ion: 41 Resp: 2057
Ion Ratio Lower Upper
41 100
69 0.0 72.0 108.0#
39 0.0 54.1 81.1#



#50
Toluene-d8
Concen: 50.19 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060206.D
Acq: 24 Feb 2020 13:46

Tgt Ion: 98 Resp: 338961
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.22 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

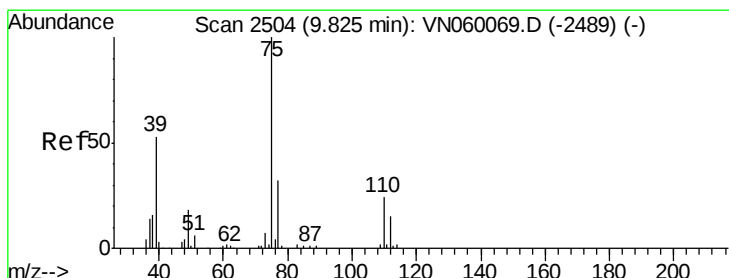
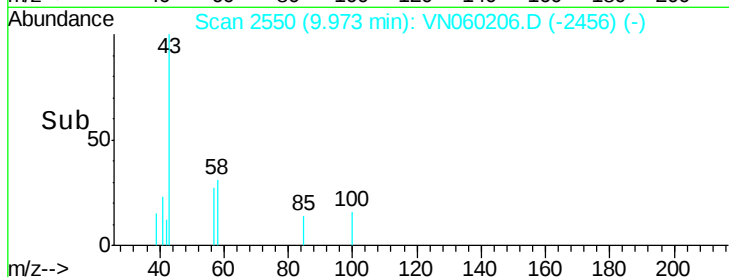
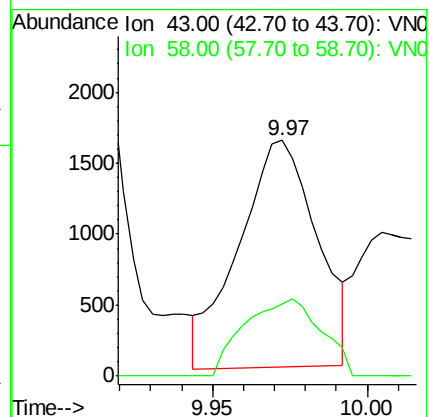
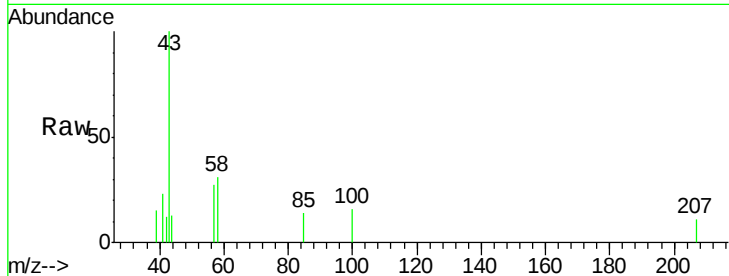
WH-1-COMP-1

Tgt Ion: 43 Resp: 2810

Ion Ratio Lower Upper

43 100

58 33.4 31.8 47.8



#54

cis-1,3-Dichloropropene

Concen: 5.95 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.07 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

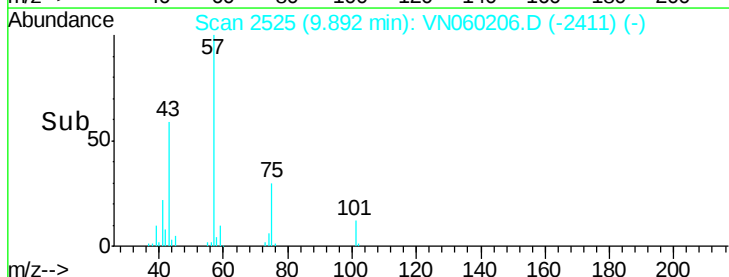
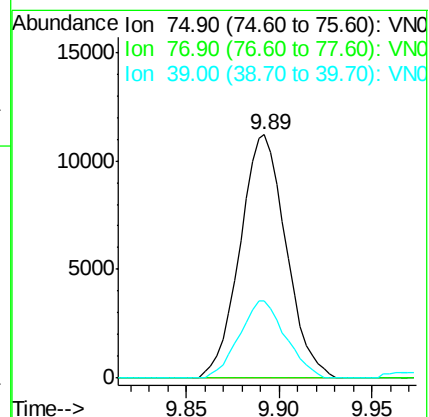
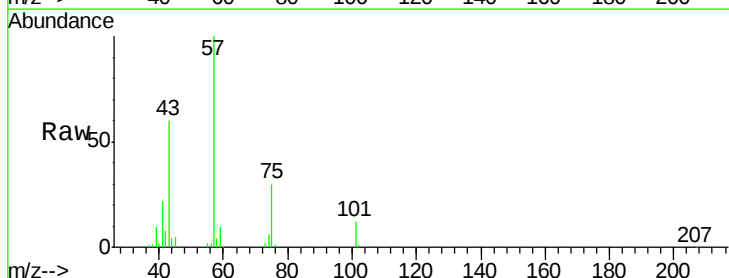
Tgt Ion: 75 Resp: 19274

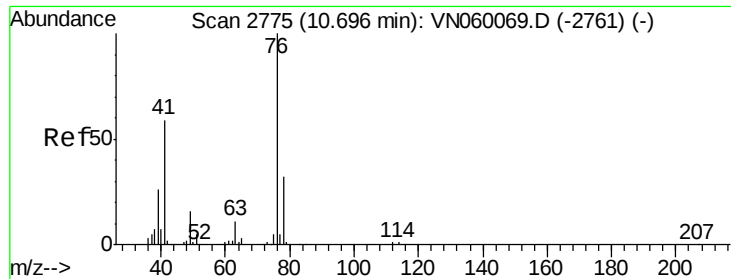
Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

39 31.8 42.2 63.4#

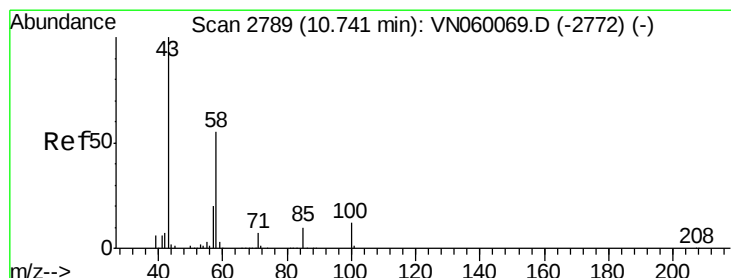
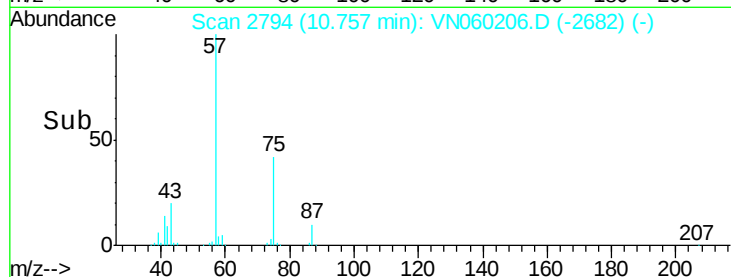
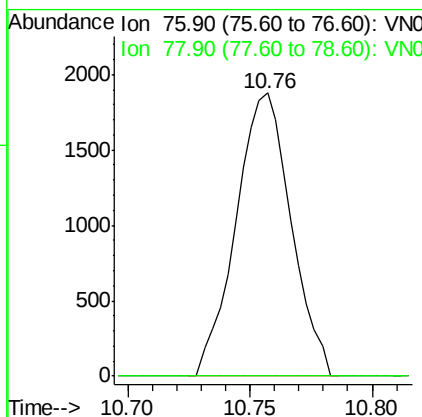
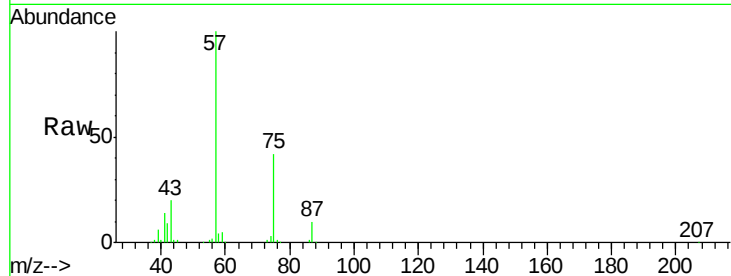




#57
 1,3-Dichloropropane
 Concen: 0.93 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.06 min
 Lab File: VN060206.D
 Acq: 24 Feb 2020 13:46

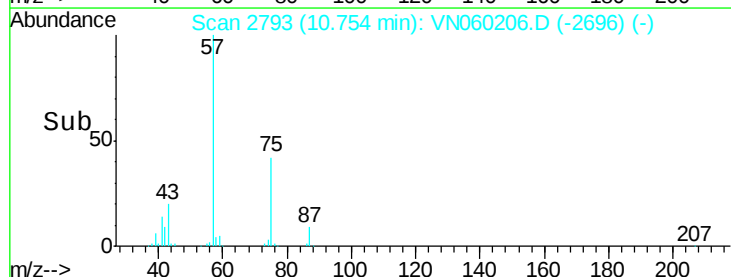
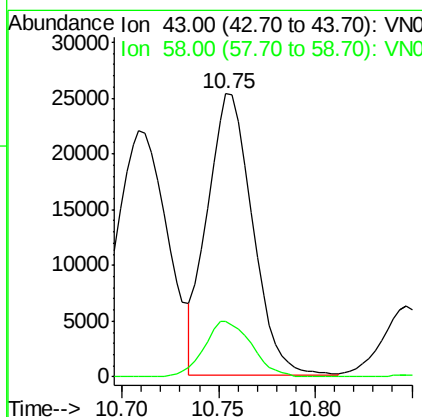
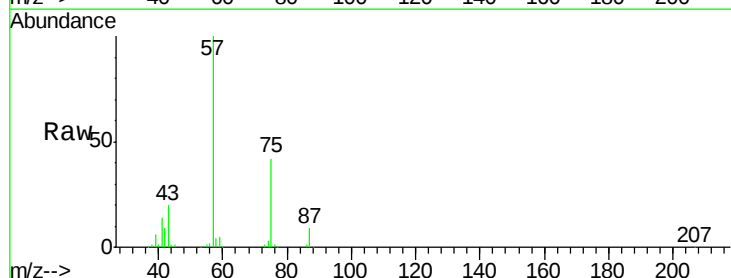
Instrument :
 MSVOA_N
 ClientSampleId :
 WH-1-COMP-1

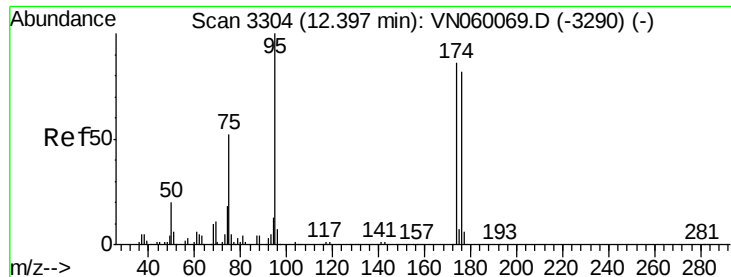
Tgt Ion: 76 Resp: 2936
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 23.12 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: VN060206.D
 Acq: 24 Feb 2020 13:46

Tgt Ion: 43 Resp: 41272
 Ion Ratio Lower Upper
 43 100
 58 20.6 27.5 82.4#





#62

4-Bromofluorobenzene

Concen: 48.74 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

WH-1-COMP-1

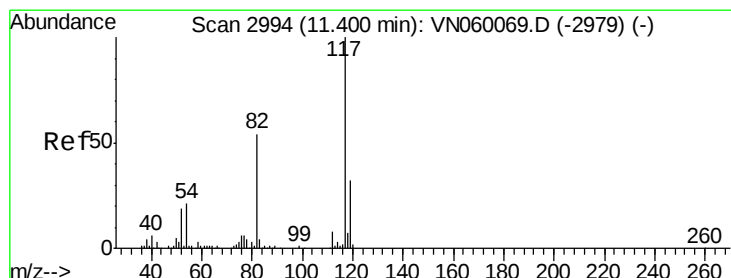
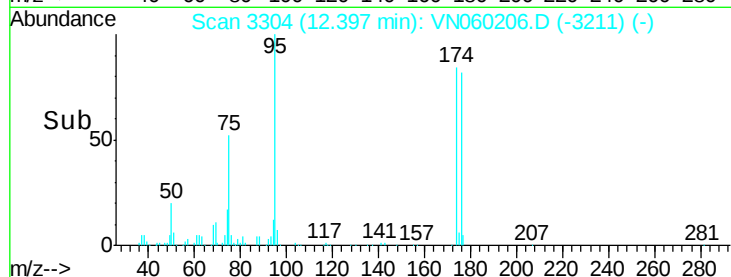
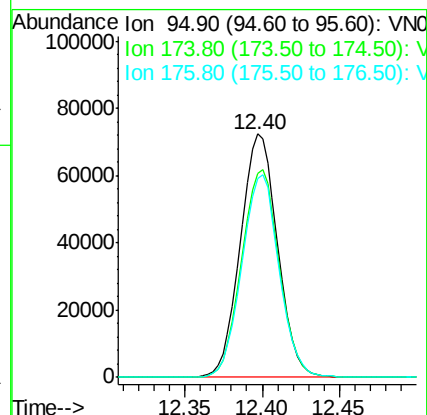
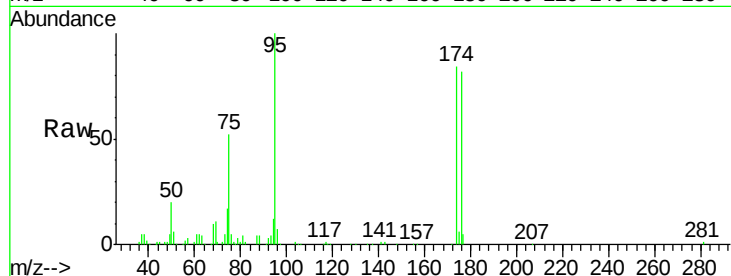
Tgt Ion: 95 Resp: 120947

Ion Ratio Lower Upper

95 100

174 86.2 0.0 169.8

176 83.3 0.0 164.8



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

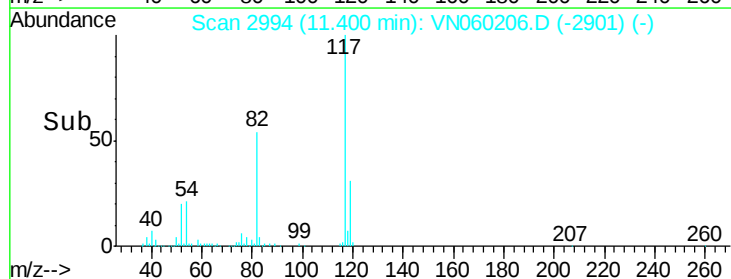
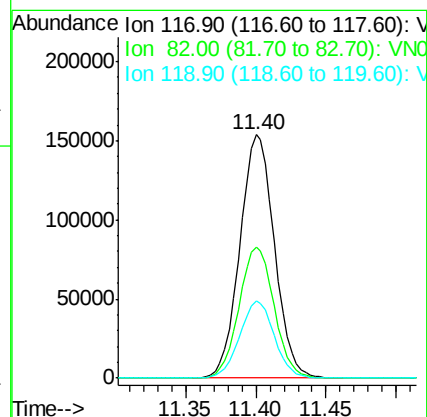
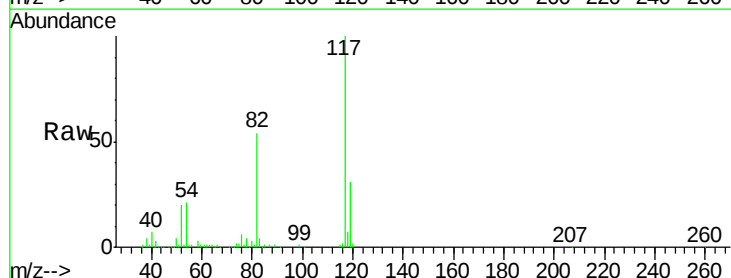
Tgt Ion: 117 Resp: 264149

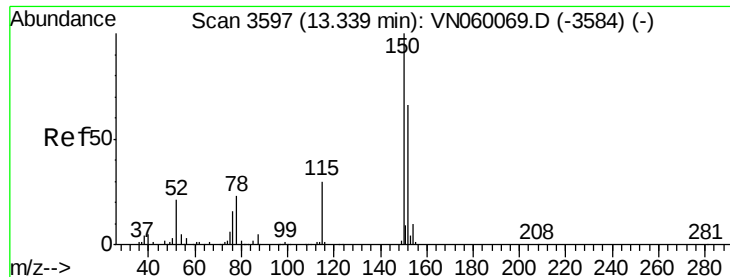
Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

WH-1-COMP-1

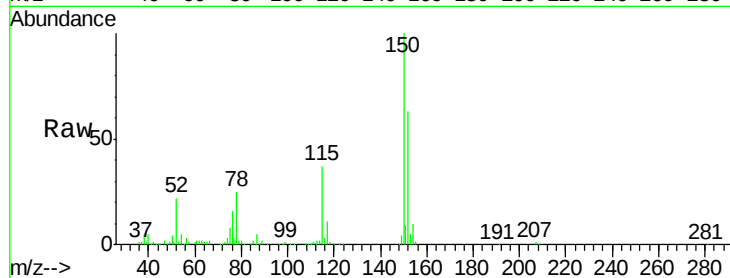
Tgt Ion:152 Resp: 115646

Ion Ratio Lower Upper

152 100

115 58.2 28.9 86.8

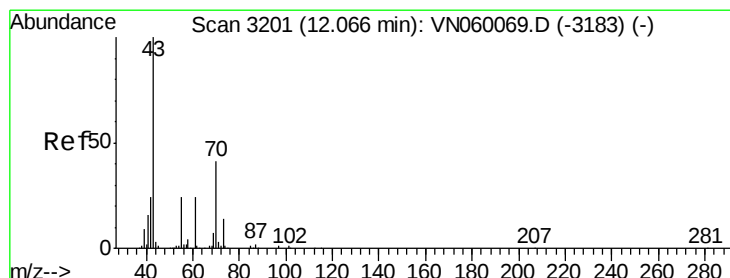
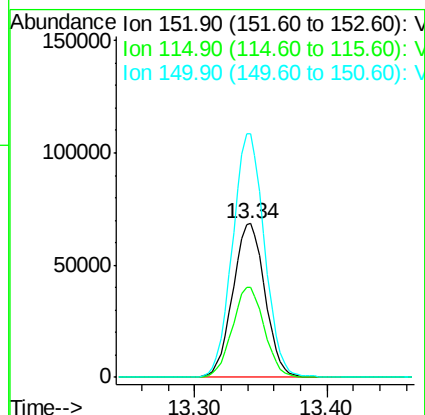
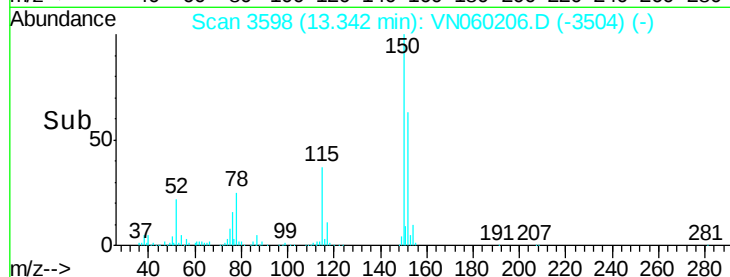
150 157.5 0.0 342.4



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: 0.58 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

Tgt Ion: 43 Resp: 1814

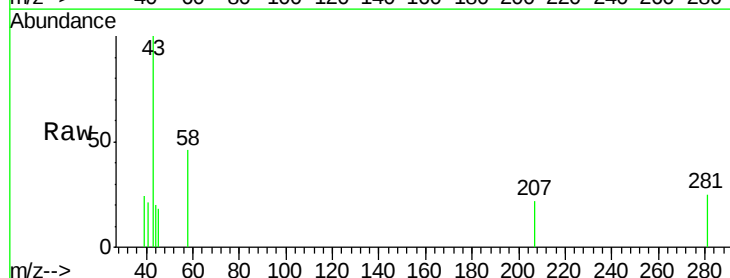
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 18.8 28.2#

61 0.0 19.2 28.8#

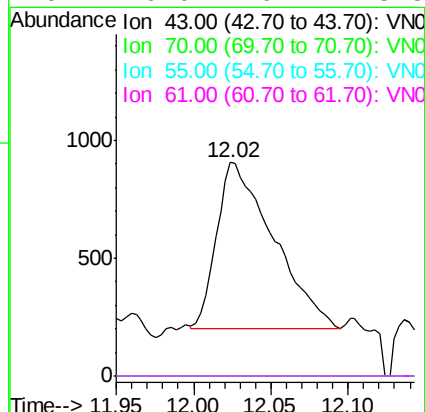
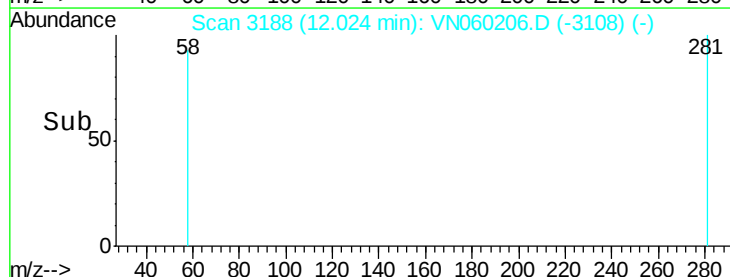


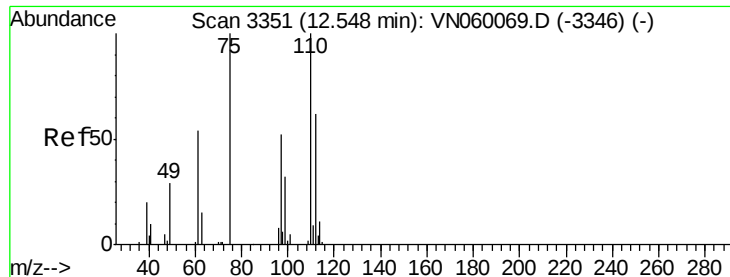
Abundance Ion 43.00 (42.70 to 43.70): V

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: 28.11 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

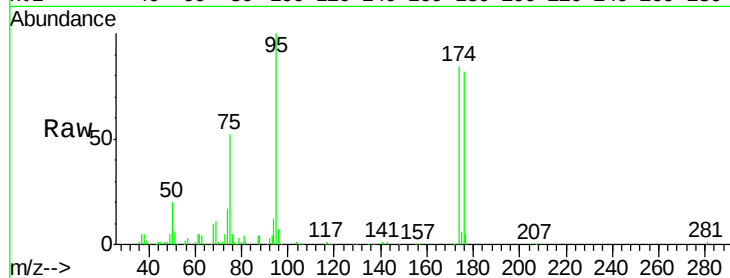
WH-1-COMP-1

Tgt Ion: 75 Resp: 62193

Ion Ratio Lower Upper

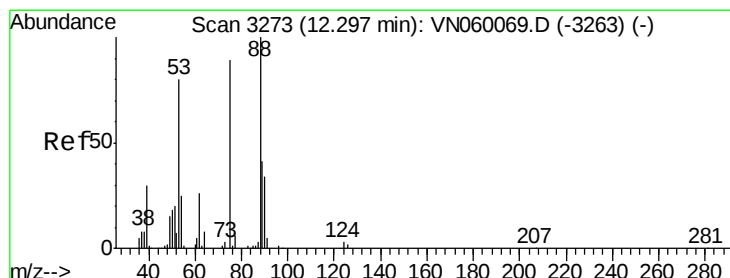
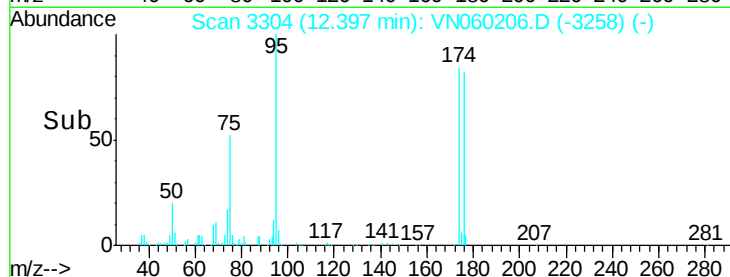
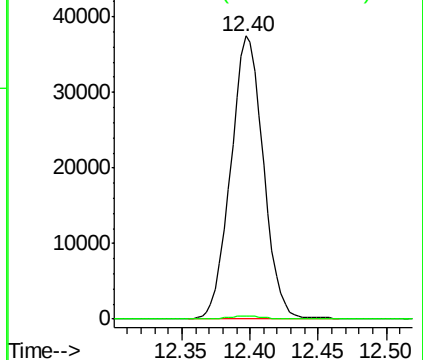
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 68.83 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

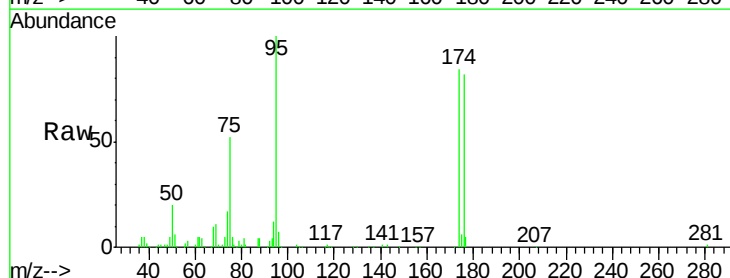
Tgt Ion: 75 Resp: 62193

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

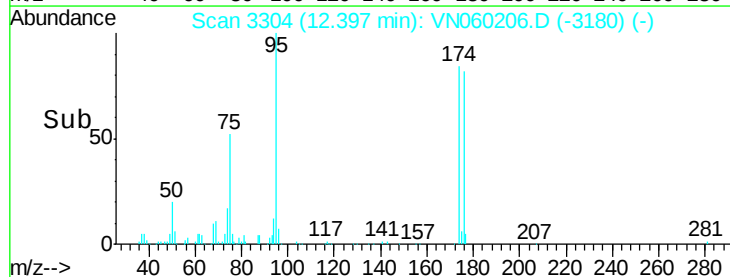
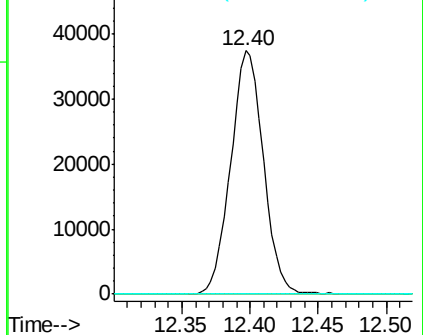
89 0.0 37.0 55.4#

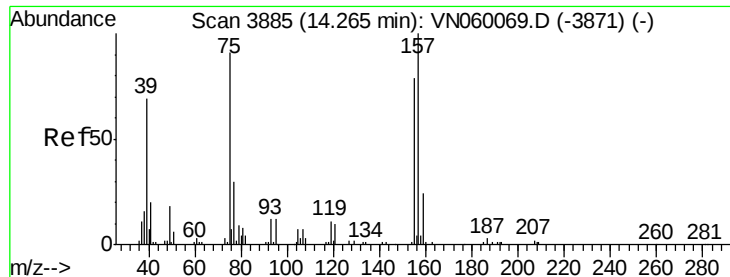


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.17 min Scan# 3855

Delta R.T. -0.10 min

Lab File: VN060206.D

Acq: 24 Feb 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

WH-1-COMP-1

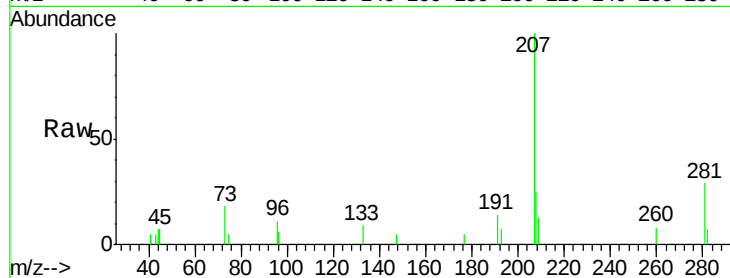
Tgt Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#



Abundance Ion 74.90 (74.60 to 75.60): VN060206.D (-3791) (-)

Ion 154.80 (154.50 to 155.50): VN060206.D (-3791) (-)

Ion 156.80 (156.50 to 157.50): VN060206.D (-3791) (-)

