

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053420.D
 Acq On : 16 Jan 2019 13:01
 Operator : JC/SP
 Sample : PB116405ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#03

Quant Time: Jan 17 03:55:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	954377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1488996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1408784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	608808	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	483963	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	7.59	113	425957	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	10.09	98	1862125	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.40	95	637323	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	

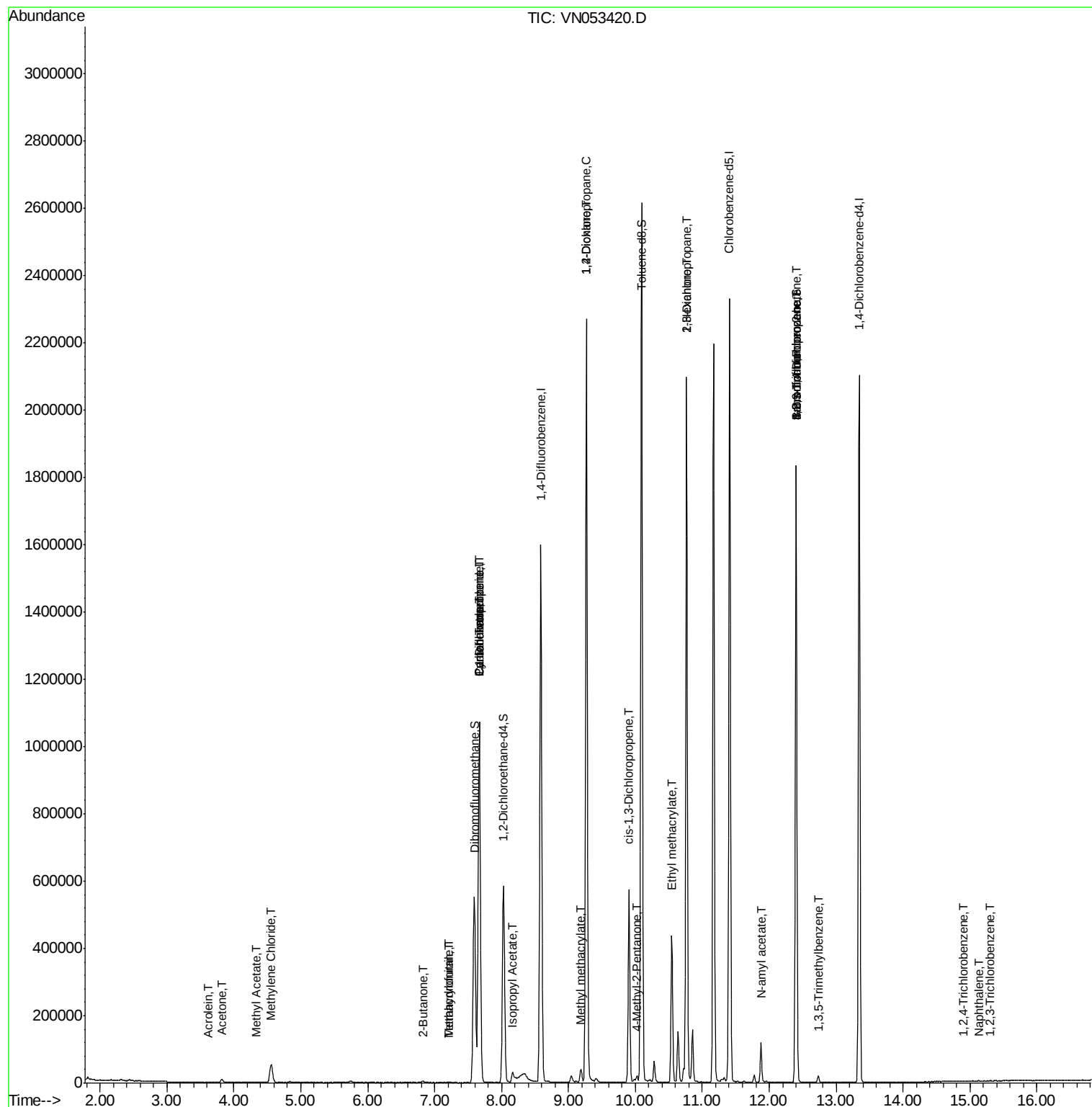
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	175	22.914	ug/l #	57
16) Acetone	3.82	43	17469	7.893	ug/l	93
18) Methyl Acetate	4.34	43	2118	0.284	ug/l #	83
20) Methylene Chloride	4.56	84	42113	4.168	ug/l	99
25) 2-Butanone	6.84	43	1134	0.332	ug/l	92
29) Tetrahydrofuran	7.21	42	578	0.260	ug/l #	53
31) Cyclohexane	7.67	56	15548	0.717	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	62612	4.617	ug/l #	48
38) Carbon Tetrachloride	7.67	117	82876	6.455	ug/l #	16
41) Methacrylonitrile	7.21	41	639	0.803	ug/l #	20
43) Isopropyl Acetate	8.17	43	43063	3.070	ug/l #	82
45) 1,2-Dichloropropane	9.27	63	2885	0.264	ug/l #	43
48) Methyl methacrylate	9.18	41	12948	1.788	ug/l #	12
49) 1,4-Dioxane	9.27	88	361	5.103	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	16341	2.134	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	107962	6.890	ug/l #	62
56) Ethyl methacrylate	10.54	69	1482	2.171	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	23173	1.519	ug/l #	43
59) 2-Hexanone	10.76	43	296015	55.064	ug/l #	50
71) Bromoform	12.40	173	4555	0.638	ug/l #	1
74) N-amyl acetate	11.88	43	35741	3.007	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	298362	37.189	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9272	0.256	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	298362	91.880	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.90	180	429	2.815	ug/l #	87
95) Naphthalene	15.15	128	947	3.998	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	414	3.966	ug/l #	36

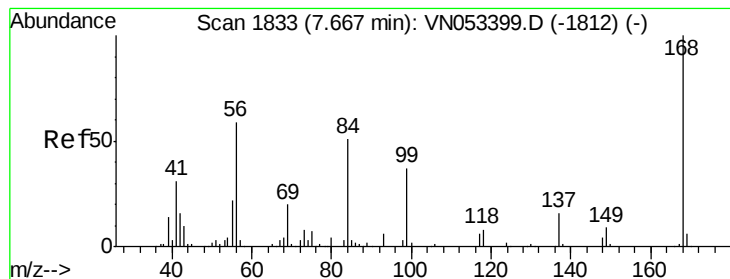
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

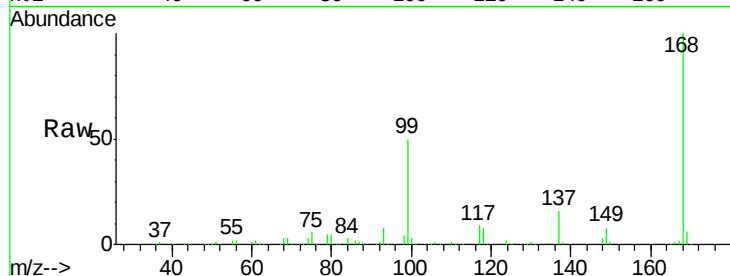
PB116405ZHE#03

Tot Ion:168 Resp: 954377

Ion Ratio Lower Upper

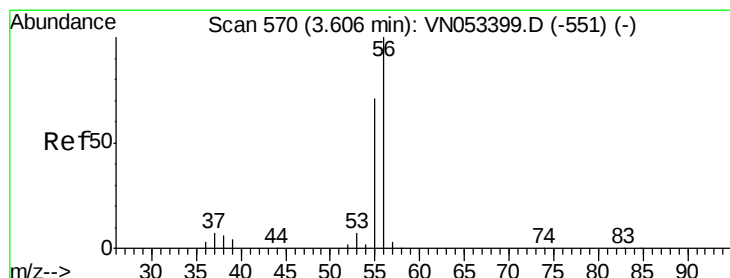
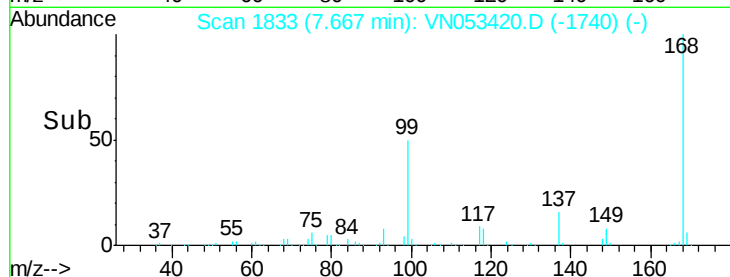
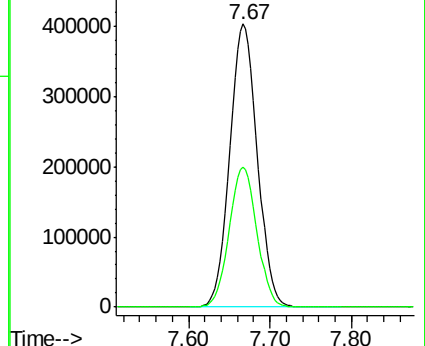
168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#13

Acrolein

Concen: 22.914 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN053420.D

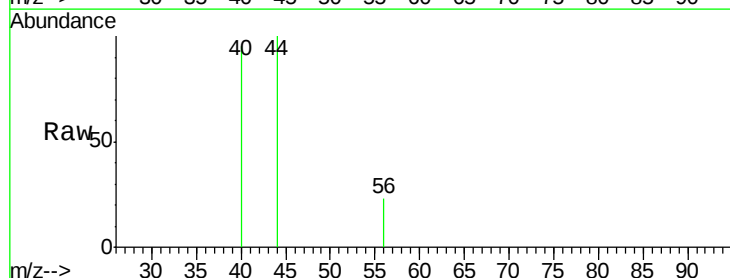
Acq: 16 Jan 2019 13:01

Tgt Ion: 56 Resp: 175

Ion Ratio Lower Upper

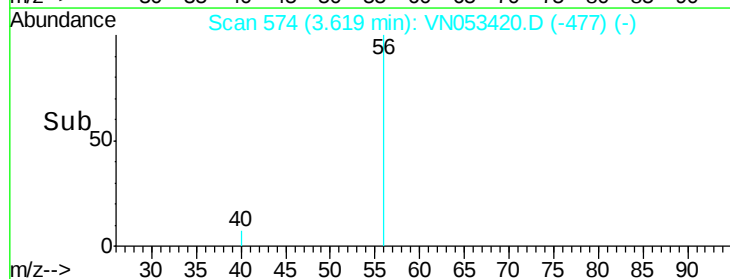
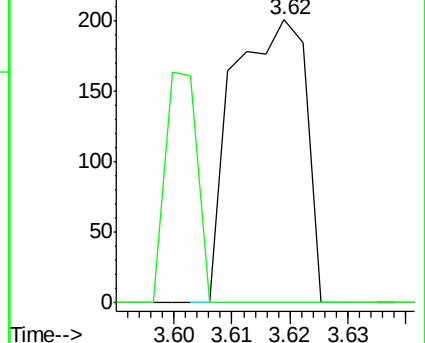
56 100

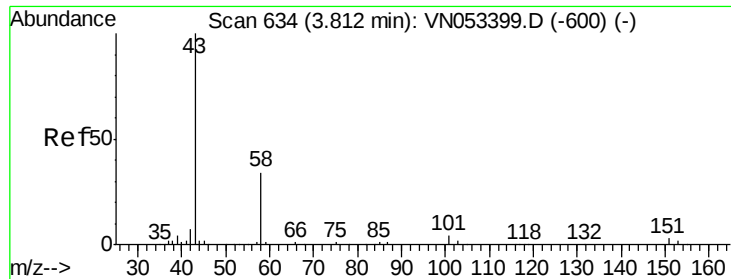
55 36.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO





#16

Acetone

Concen: 7.893 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

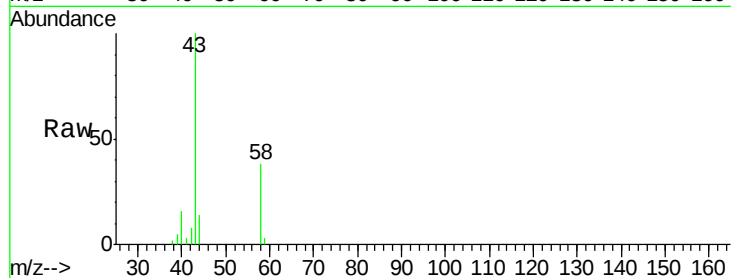
PB116405ZHE#03

Tot Ion: 43 Resp: 17469

Ion Ratio Lower Upper

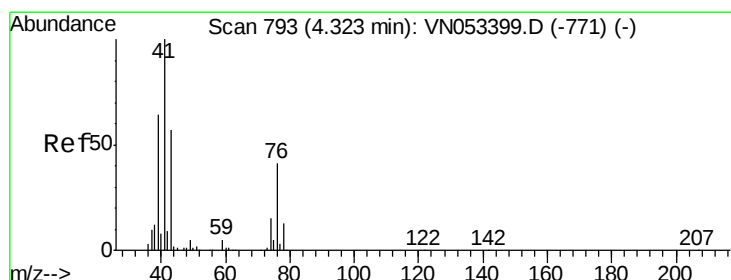
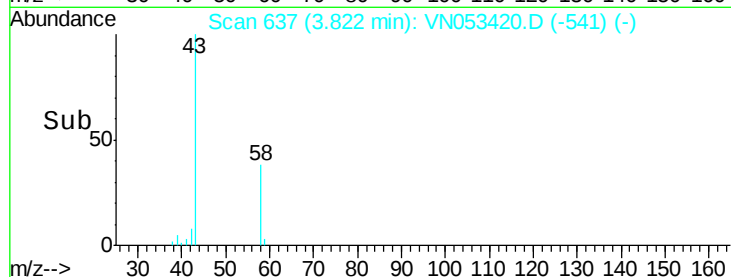
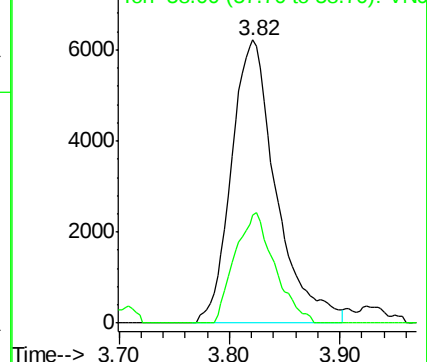
43 100

58 38.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.284 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053420.D

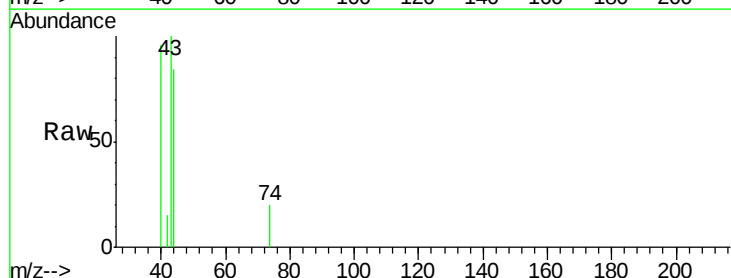
Acq: 16 Jan 2019 13:01

Tgt Ion: 43 Resp: 2118

Ion Ratio Lower Upper

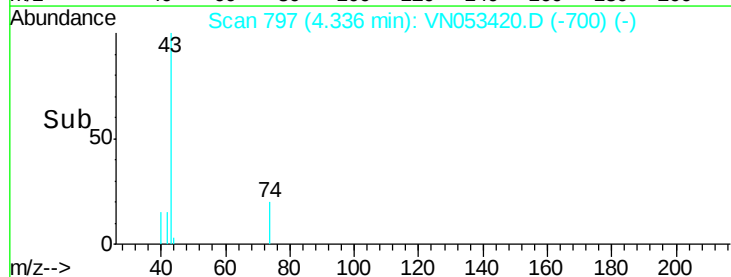
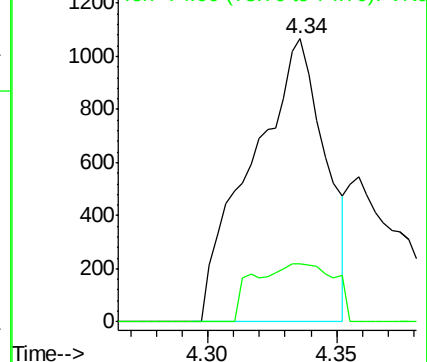
43 100

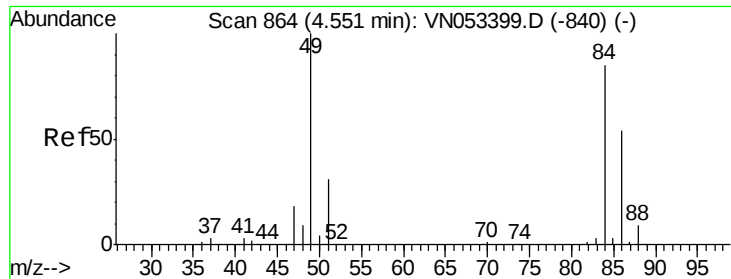
74 16.1 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

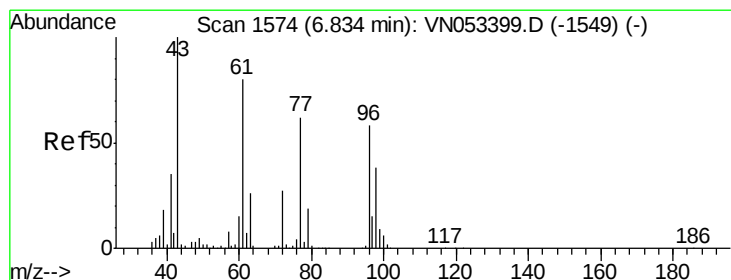
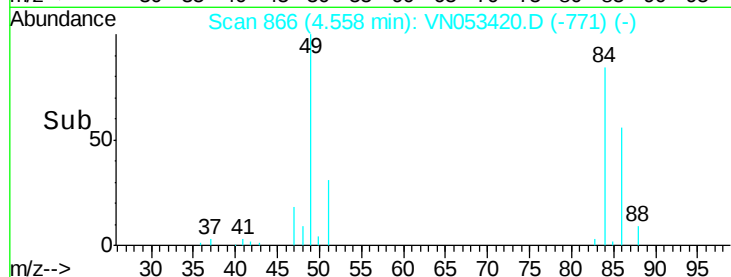
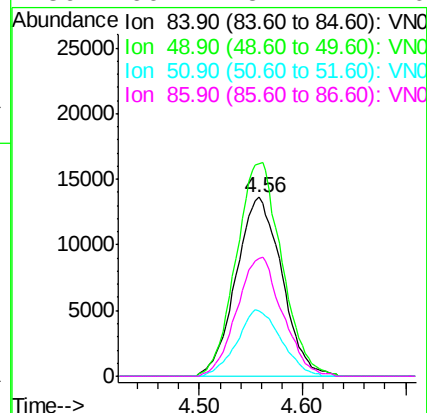
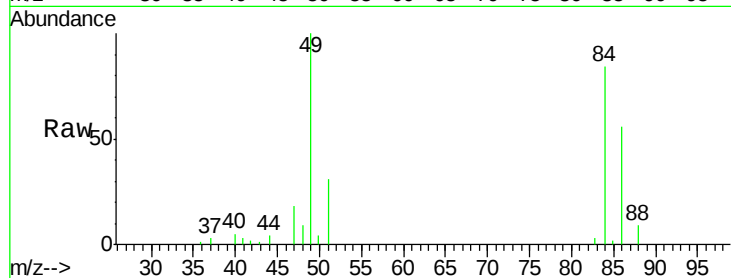




#20
Methvlene Chloride
Concen: 4.168 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053420.D
Acq: 16 Jan 2019 13:01

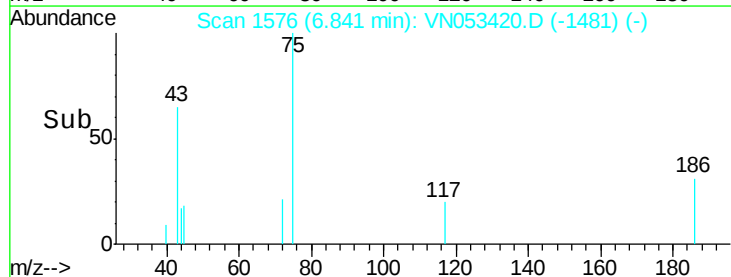
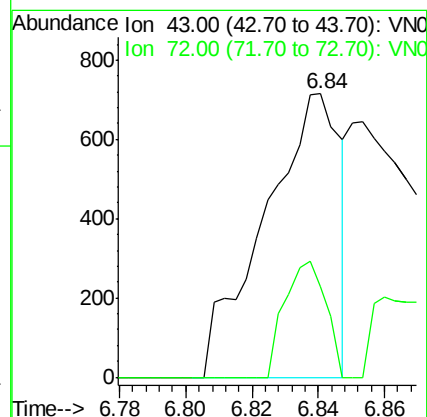
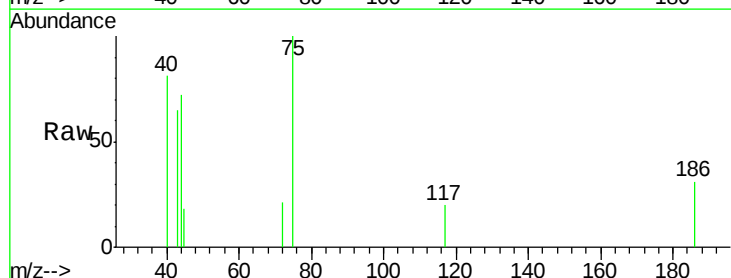
Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#03

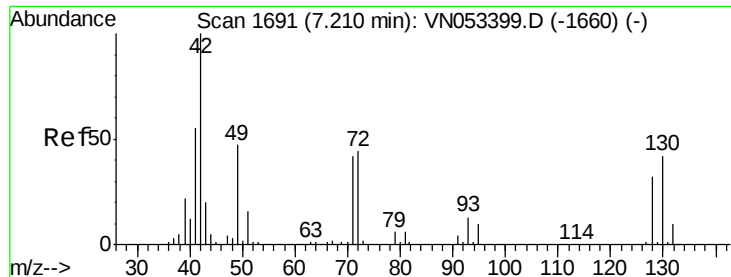
Tot Ion:	84	Resp:	42113
Ion	Ratio	Lower	Upper
84	100		
49	119.2	94.3	141.5
51	36.8	29.4	44.2
86	66.2	51.4	77.0



#25
2-Butanone
Concen: 0.332 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053420.D
Acq: 16 Jan 2019 13:01

Tgt Ion:	43	Resp:	1134
Ion	Ratio	Lower	Upper
43	100		
72	31.9	22.0	33.0

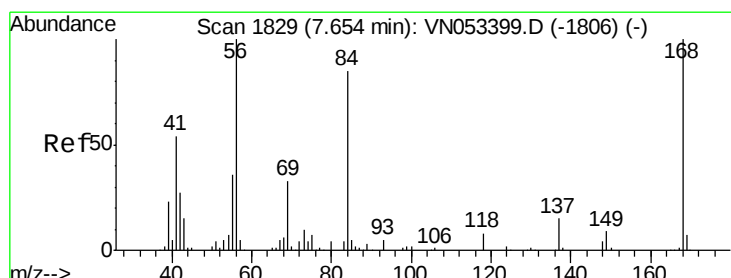
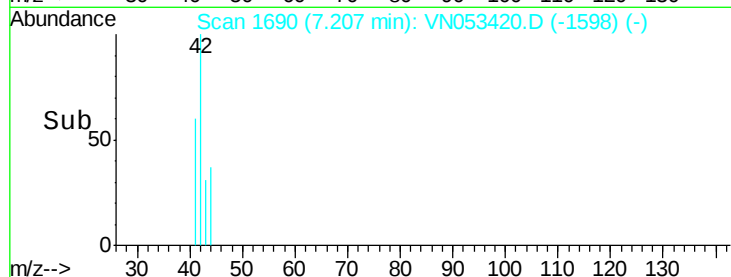
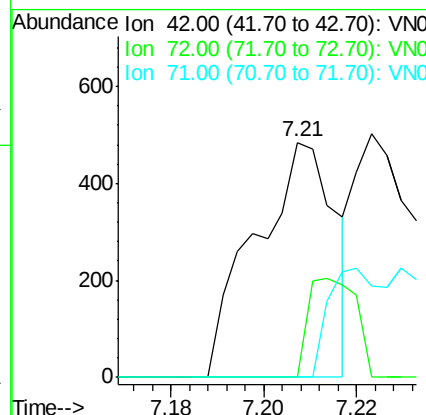
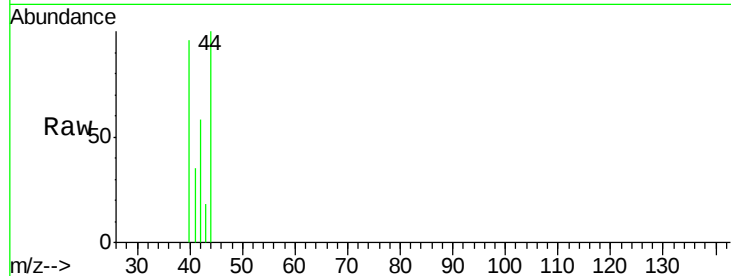




#29
Tetrahydrofuran
Concen: 0.260 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN053420.D
Acq: 16 Jan 2019 13:01

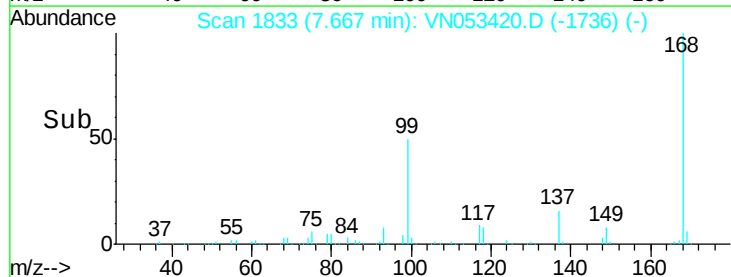
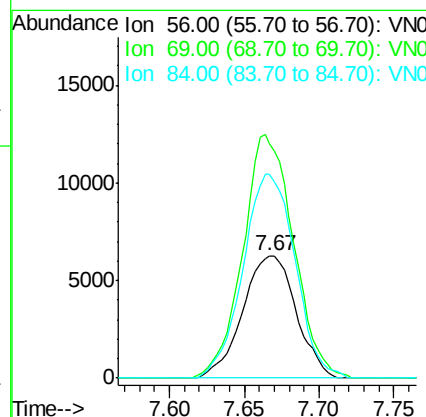
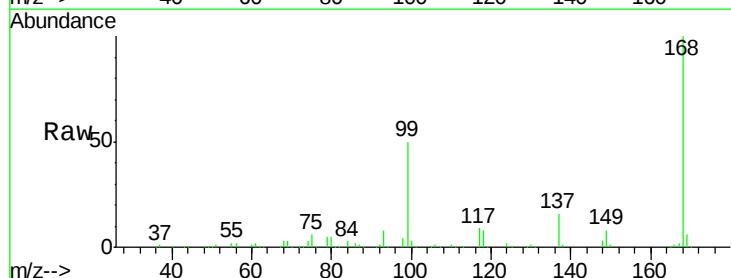
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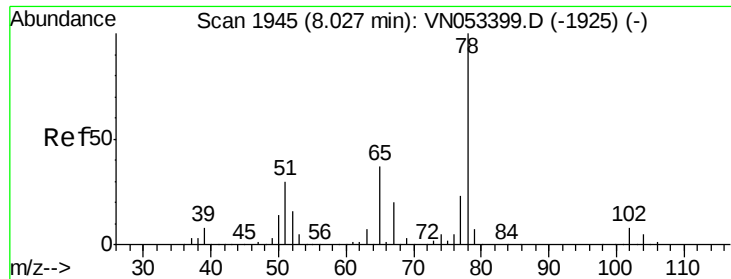
Tot Ion: 42 Resp: 578
Ion Ratio Lower Upper
42 100
72 25.4 35.2 52.8#
71 0.0 33.0 49.4#



#31
Cyclohexane
Concen: 0.717 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053420.D
Acq: 16 Jan 2019 13:01

Tgt Ion: 56 Resp: 15548
Ion Ratio Lower Upper
56 100
69 191.5 26.4 39.6#
84 166.7 67.9 101.9#

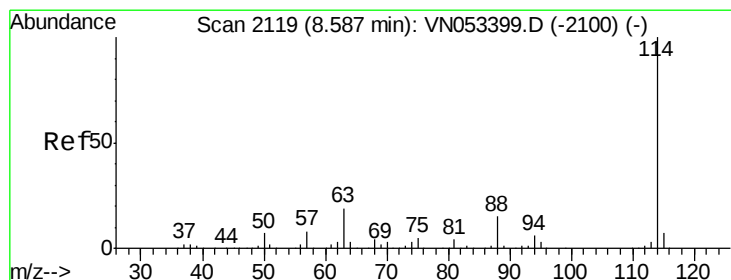
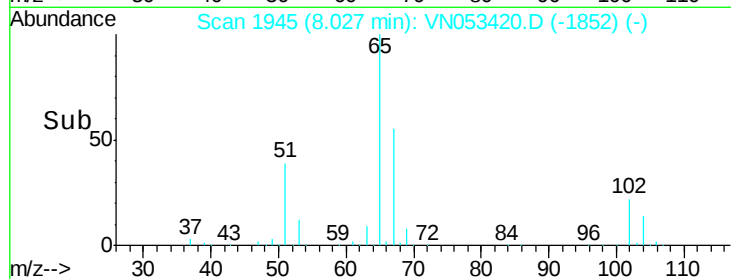
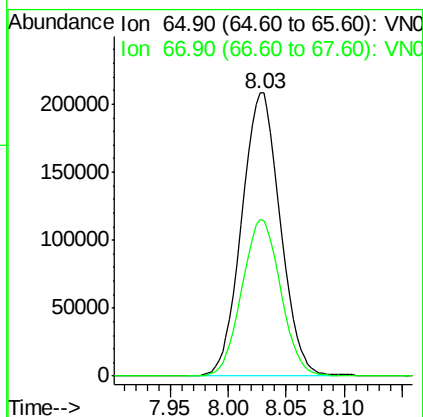
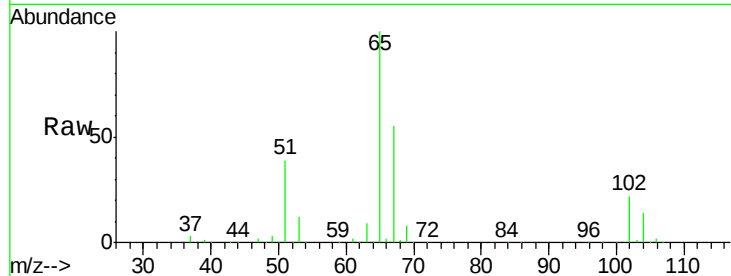




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053420.D
 Acq: 16 Jan 2019 13:01

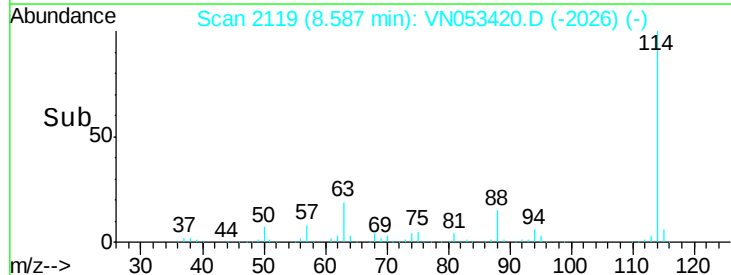
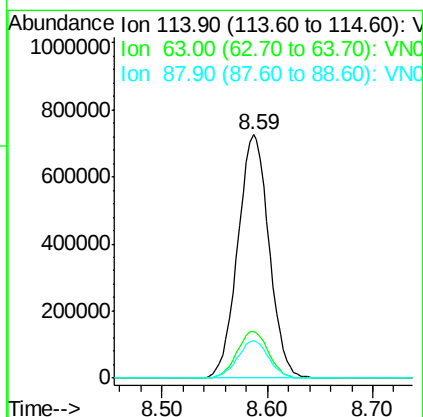
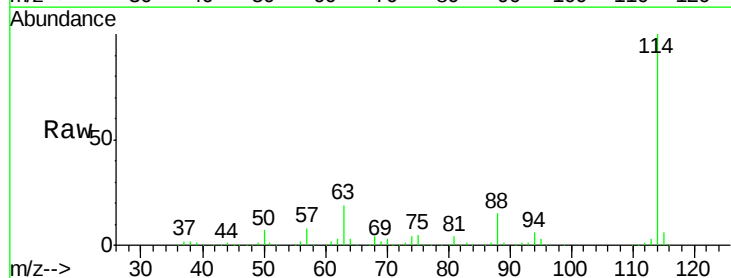
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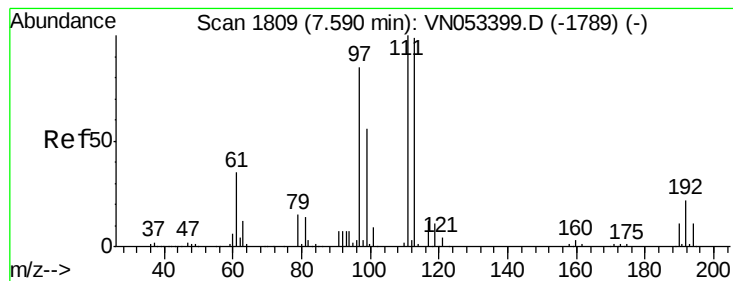
Tot Ion: 65 Resp: 483963
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053420.D
 Acq: 16 Jan 2019 13:01

Tgt Ion: 114 Resp: 1488996
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#03

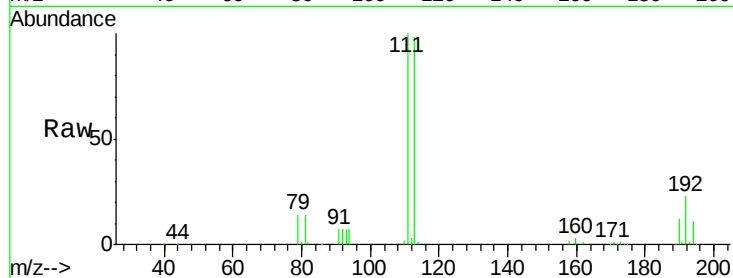
Tot Ion:113 Resp: 425957

Ion Ratio Lower Upper

113 100

111 103.4 81.1 121.7

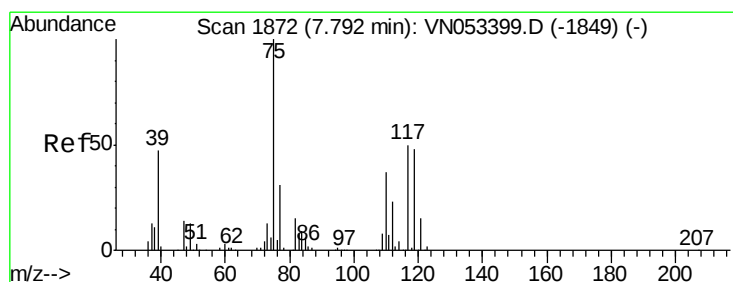
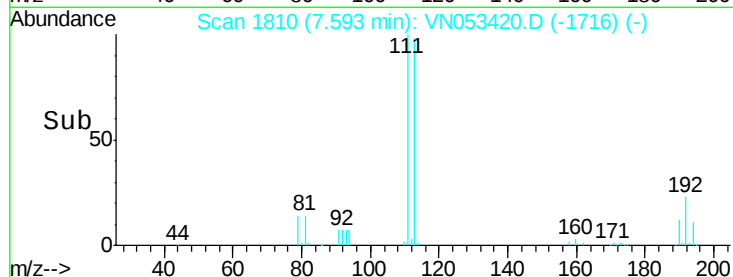
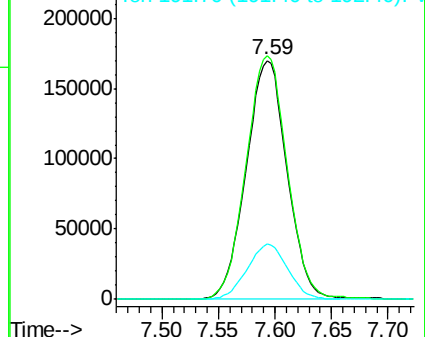
192 23.0 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.617 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

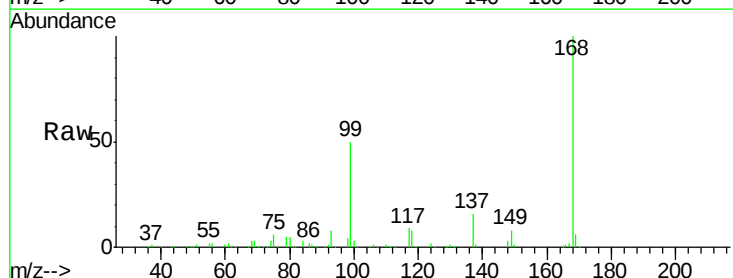
Tgt Ion: 75 Resp: 62612

Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.3#

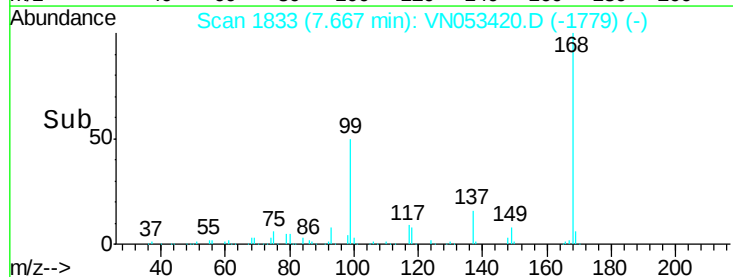
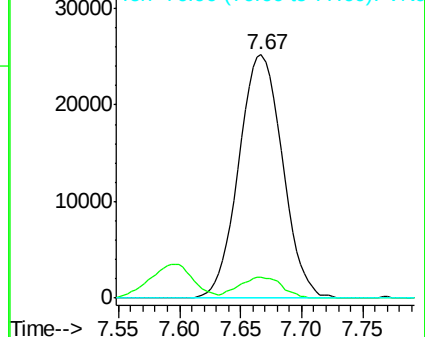
77 0.0 25.1 37.7#

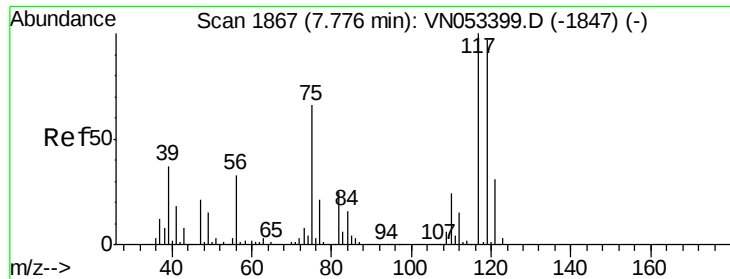


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.455 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#03

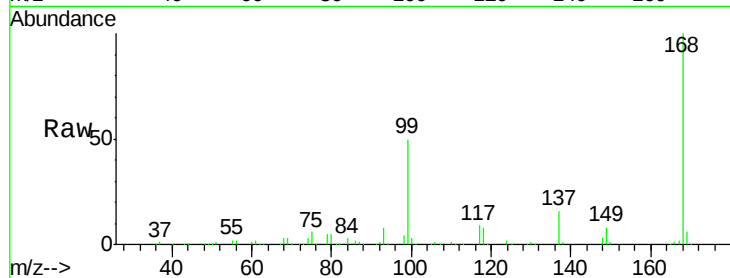
Tot Ion:117 Resp: 82876

Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

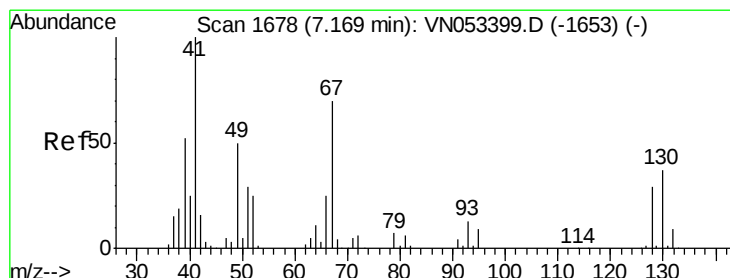
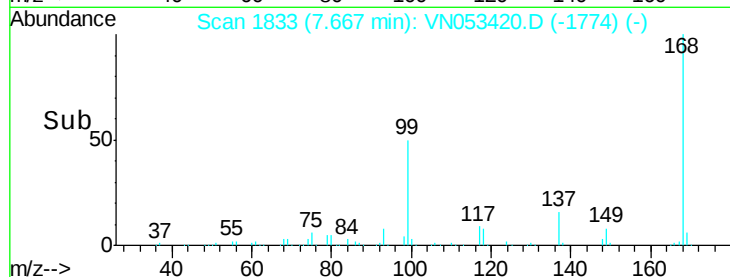
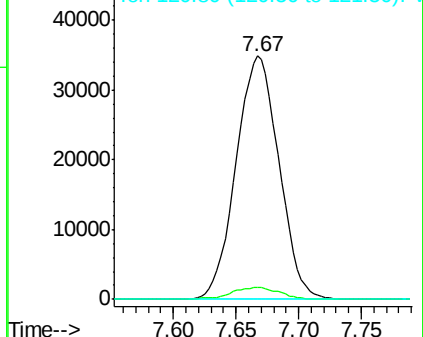
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.803 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Tgt Ion: 41 Resp: 639

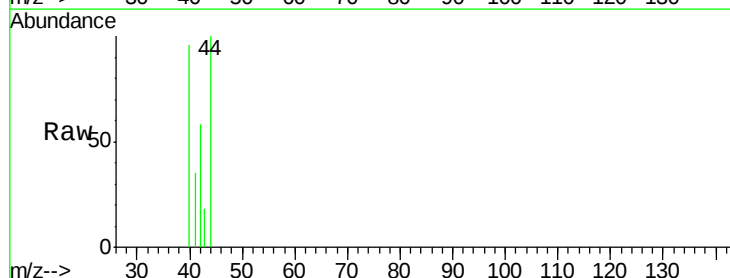
Ion Ratio Lower Upper

41 100

39 0.0 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

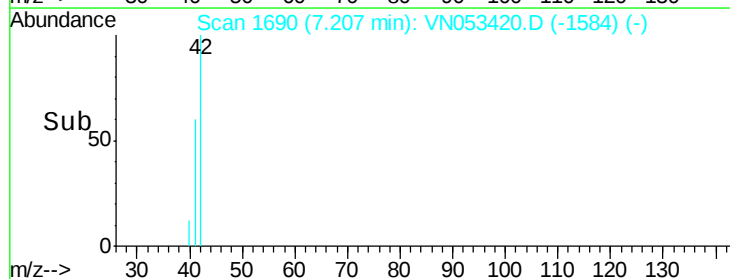
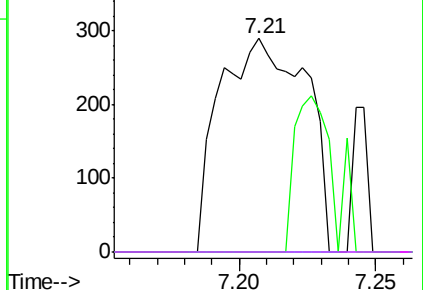


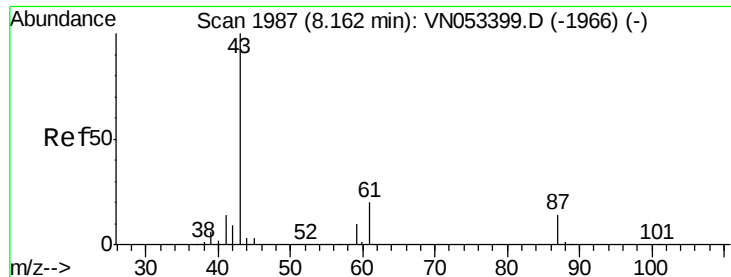
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 3.070 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#03

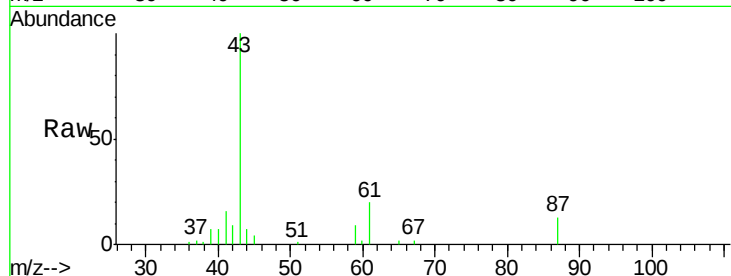
Tot Ion: 43 Resp: 43063

Ion Ratio Lower Upper

43 100

61 17.2 23.9 35.9#

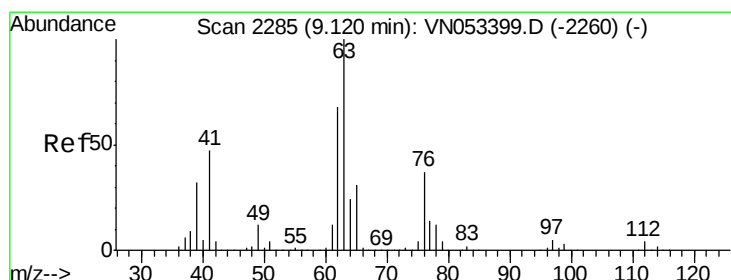
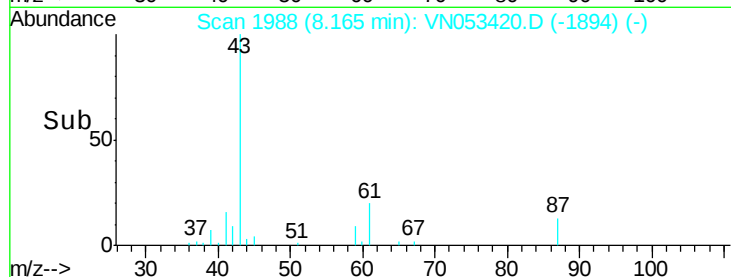
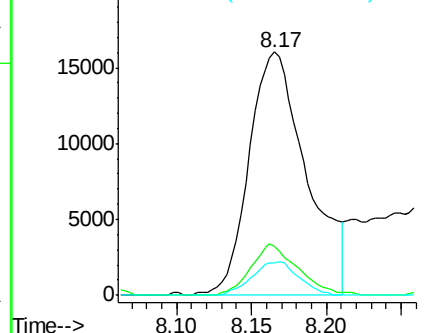
87 11.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.264 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053420.D

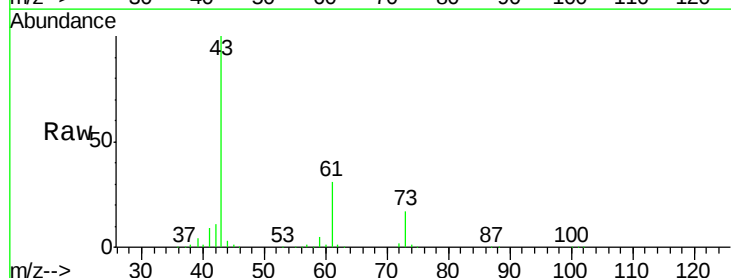
Acq: 16 Jan 2019 13:01

Tgt Ion: 63 Resp: 2885

Ion Ratio Lower Upper

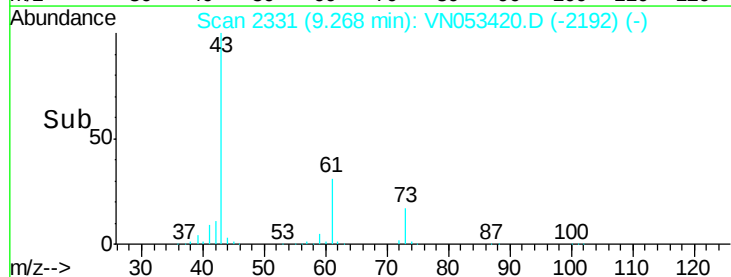
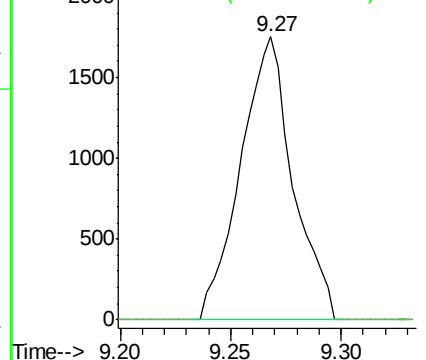
63 100

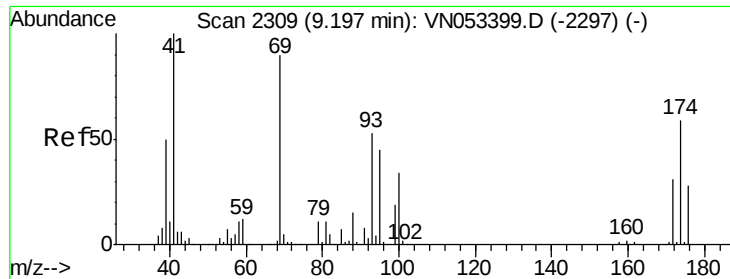
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

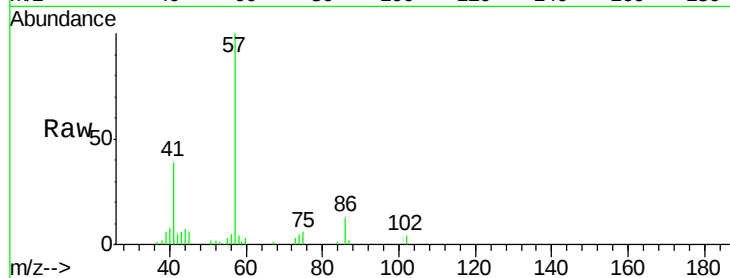




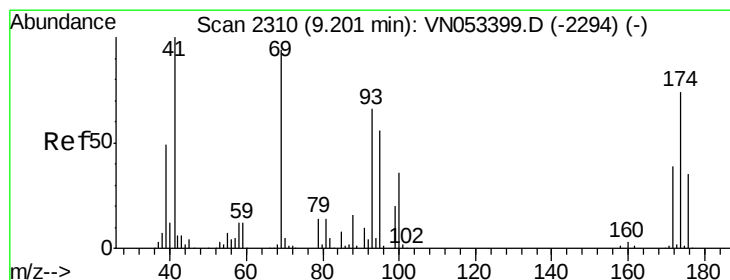
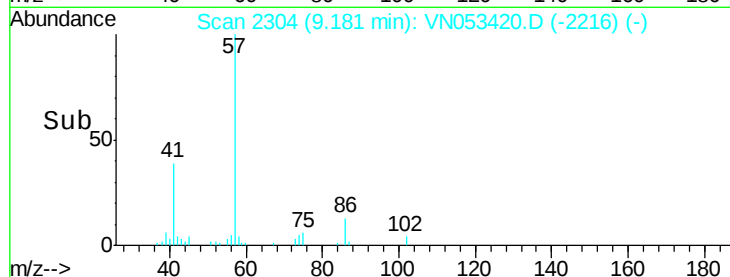
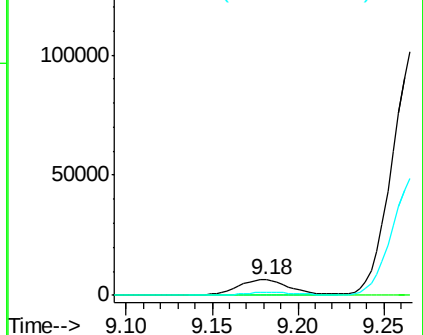
#48
Methvl methacrylate
Concen: 1.788 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053420.D
Acq: 16 Jan 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#03

Tot Ion: 41 Resp: 12948
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#

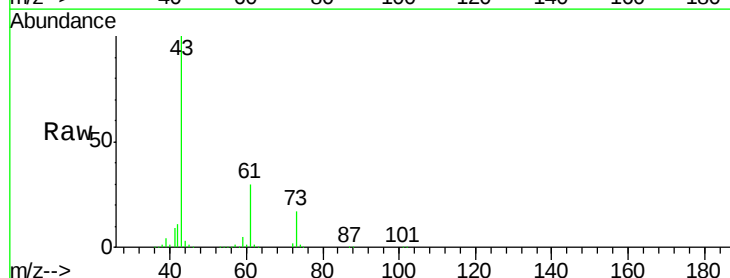


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

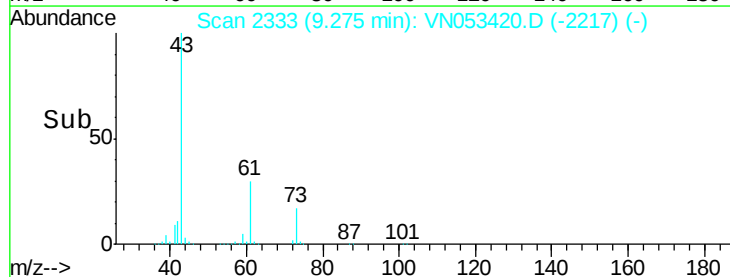
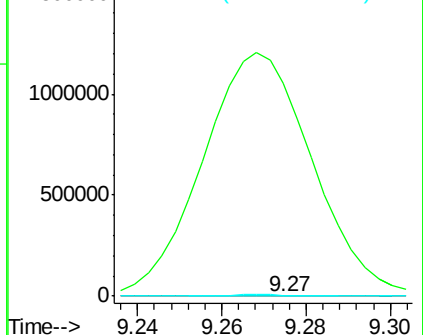


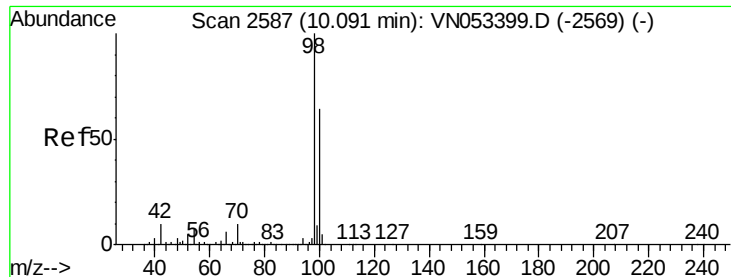
#49
1,4-Dioxane
Concen: 5.103 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN053420.D
Acq: 16 Jan 2019 13:01

Tgt Ion: 88 Resp: 361
Ion Ratio Lower Upper
88 100
43 610948.5 27.8 41.6#
58 3095.6 56.5 84.7#



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





#50

Toluene-d8

Concen: 5.103 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

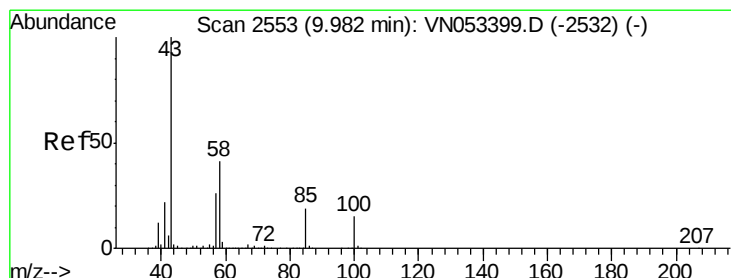
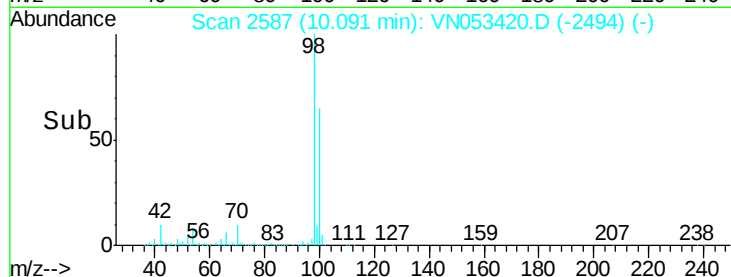
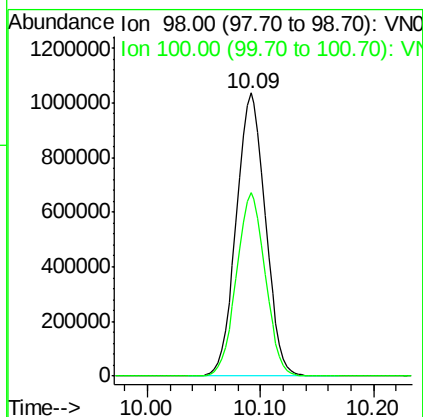
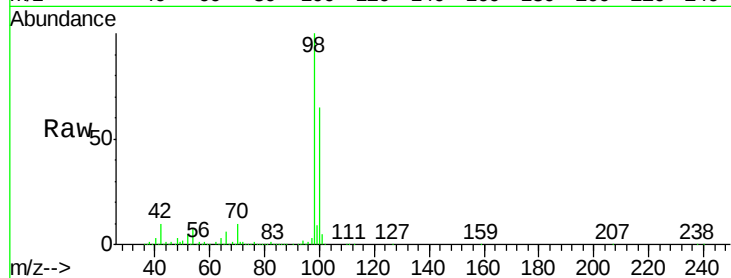
PB116405ZHE#03

Tot Ion: 98 Resp: 1862125

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 2.134 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053420.D

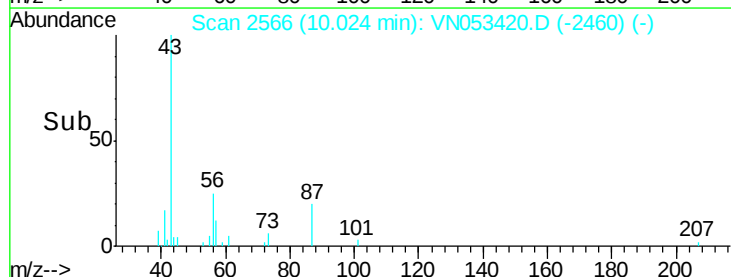
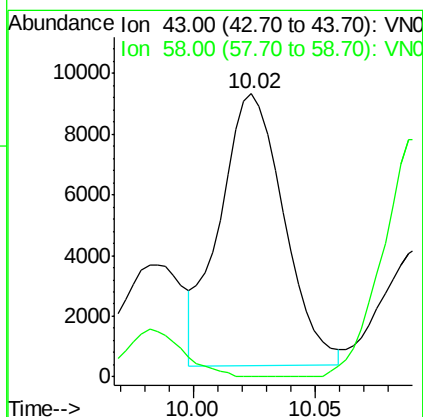
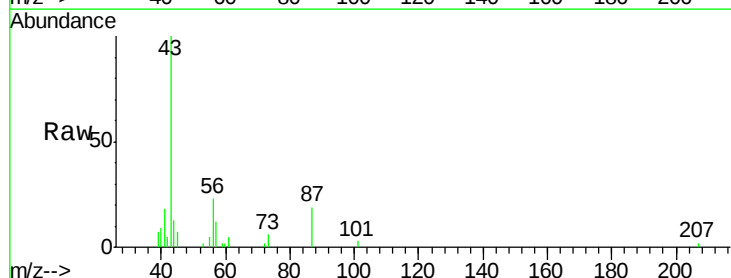
Acq: 16 Jan 2019 13:01

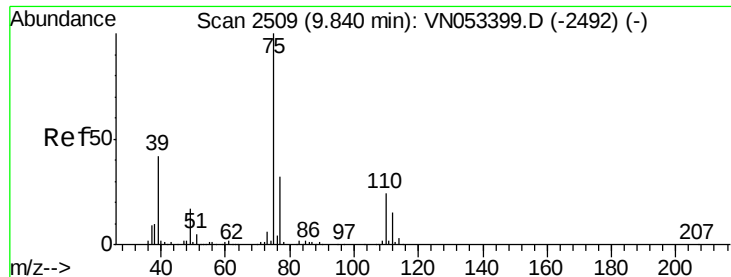
Tgt Ion: 43 Resp: 16341

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#





#54

cis-1,3-Dichloropropene

Concen: 6.890 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#03

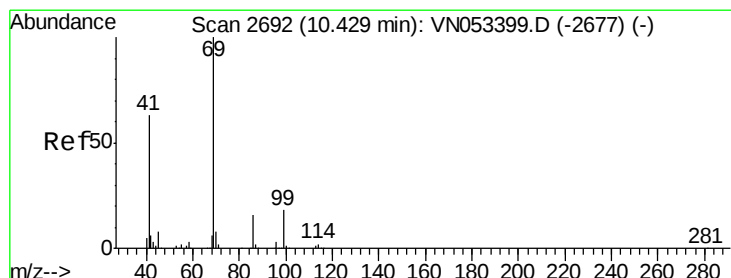
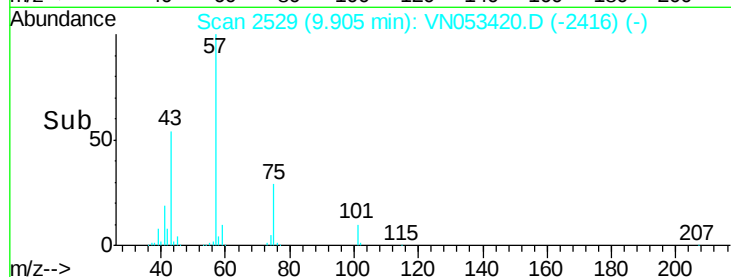
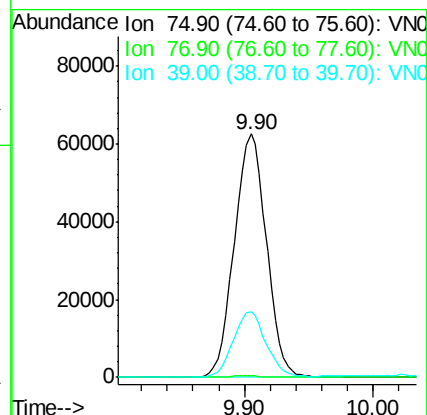
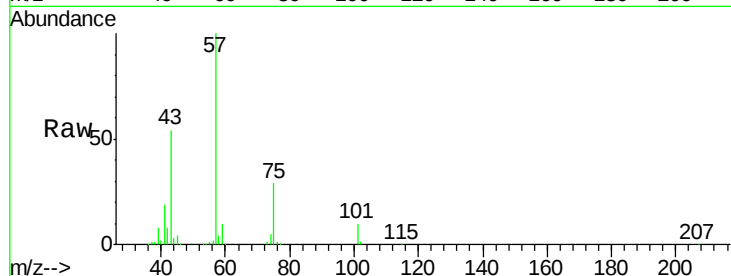
Tot Ion: 75 Resp: 107962

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 26.9 33.4 50.0#



#56

Ethyl methacrylate

Concen: 2.171 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

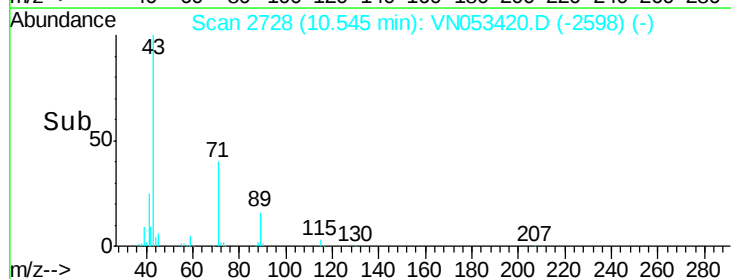
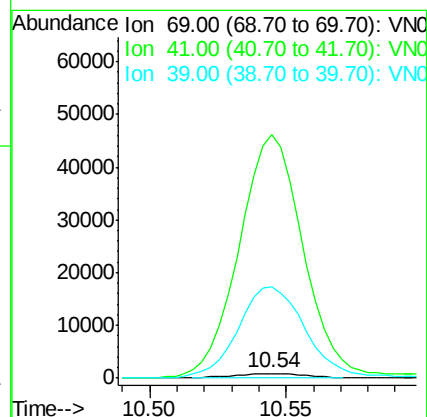
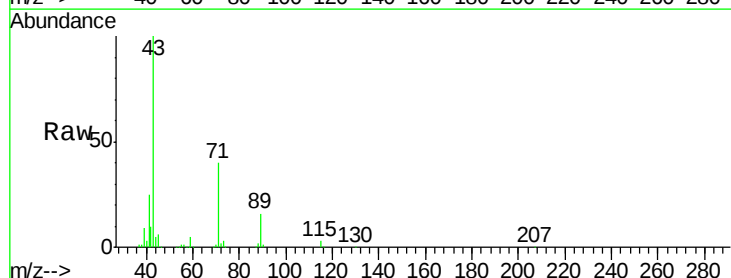
Tgt Ion: 69 Resp: 1482

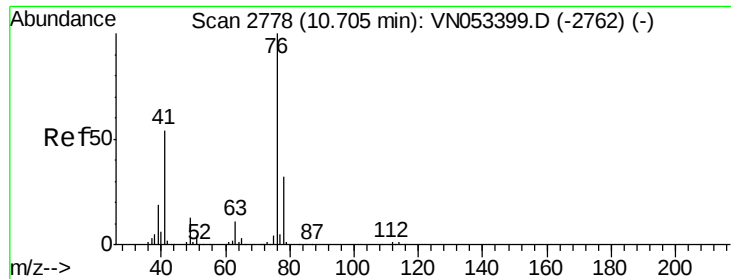
Ion Ratio Lower Upper

69 100

41 5142.5 49.4 74.0#

39 2019.8 23.3 34.9#





#57

1,3-Dichloropropane

Concen: 1.519 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

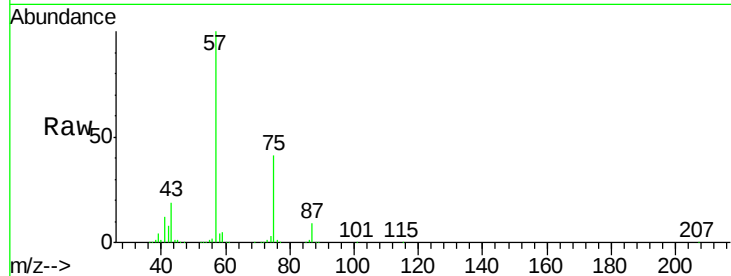
PB116405ZHE#03

Tot Ion: 76 Resp: 23173

Ion Ratio Lower Upper

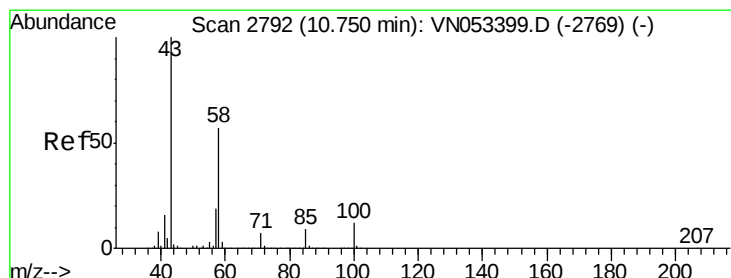
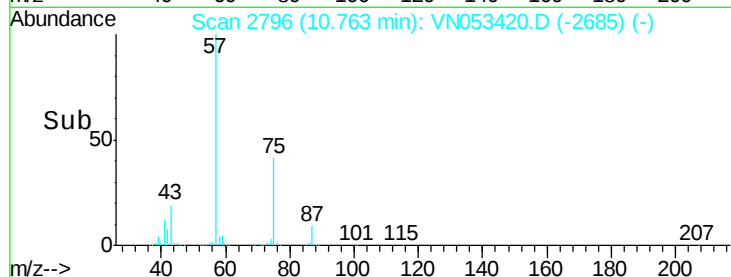
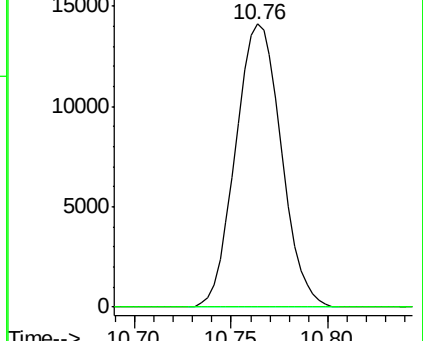
76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 55.064 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053420.D

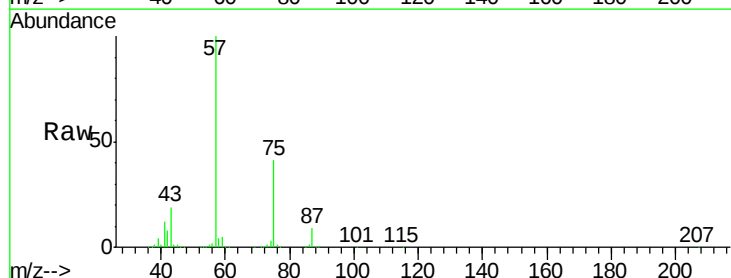
Acq: 16 Jan 2019 13:01

Tgt Ion: 43 Resp: 296015

Ion Ratio Lower Upper

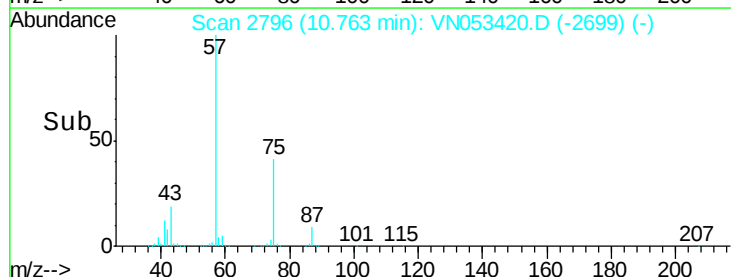
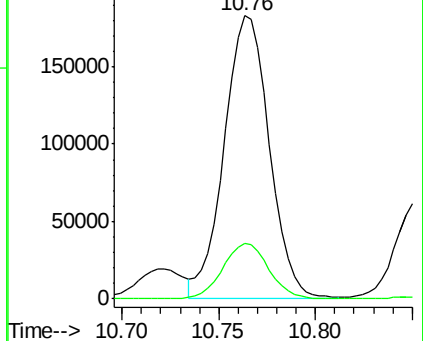
43 100

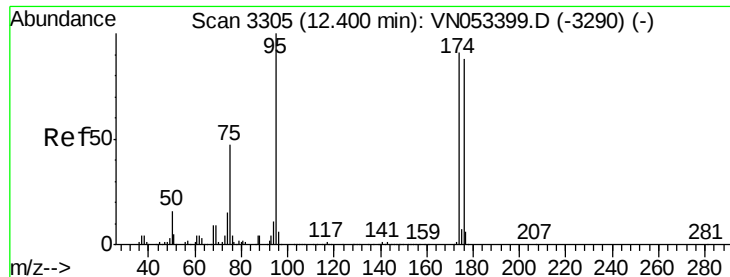
58 20.1 28.6 85.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#03

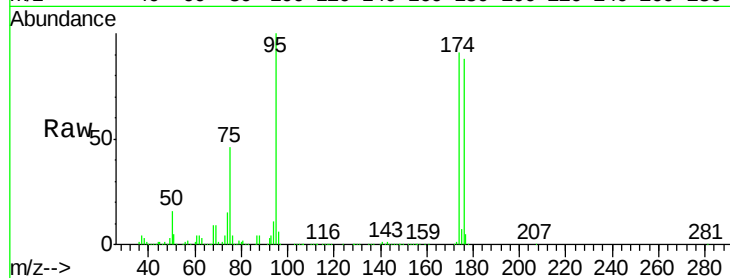
Tot Ion: 95 Resp: 637323

Ion Ratio Lower Upper

95 100

174 90.5 0.0 183.2

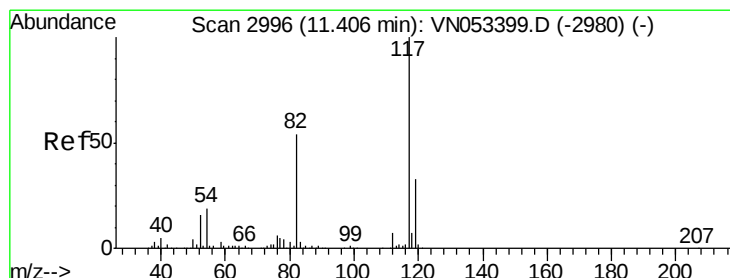
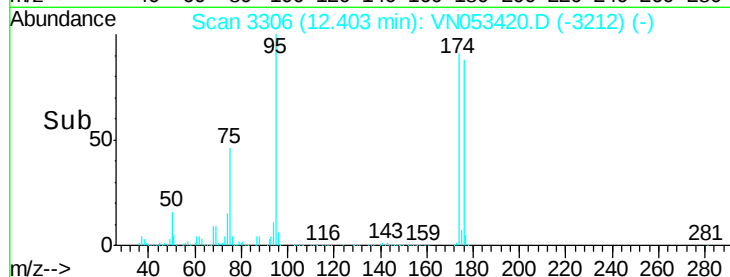
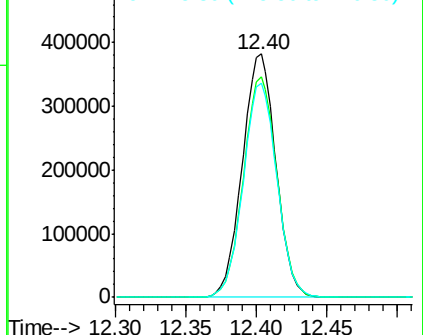
176 88.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

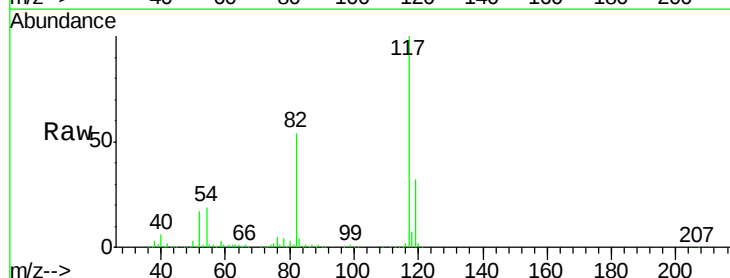
Tgt Ion: 117 Resp: 1408784

Ion Ratio Lower Upper

117 100

82 53.5 42.9 64.3

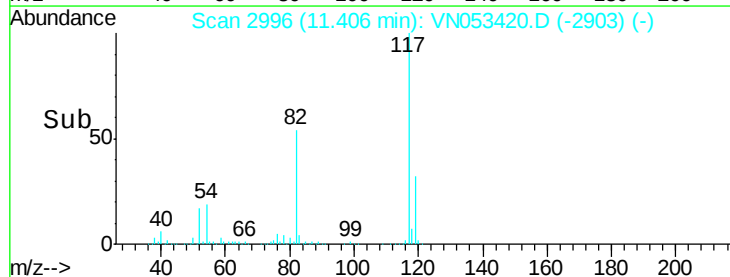
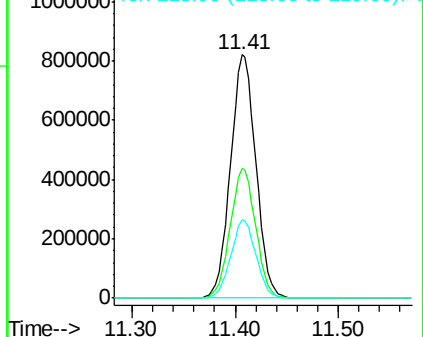
119 32.0 26.0 39.0

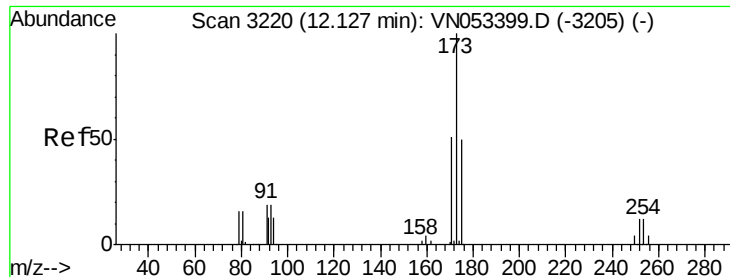


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)





#71

Bromoform

Concen: 0.638 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#03

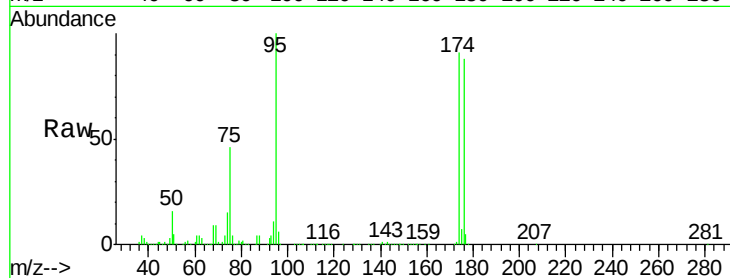
Tot Ion:173 Resp: 4555

Ion Ratio Lower Upper

173 100

175 807.1 24.6 74.0#

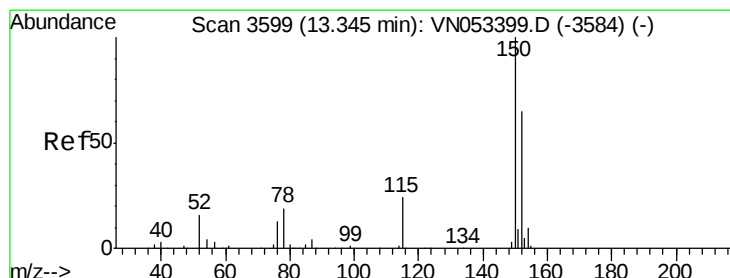
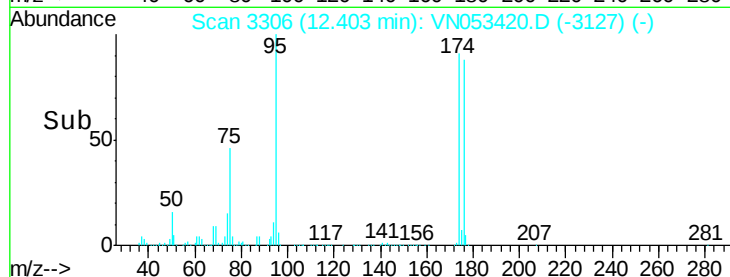
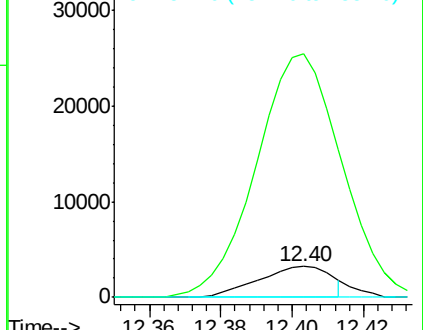
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

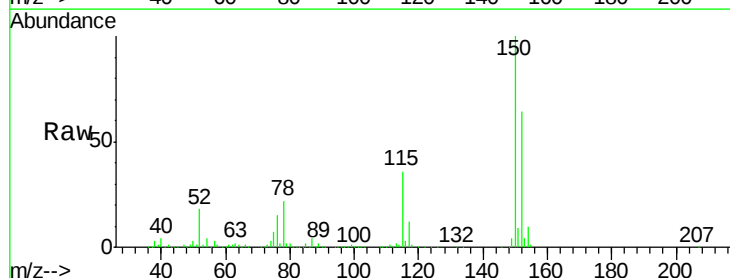
Tgt Ion:152 Resp: 608808

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

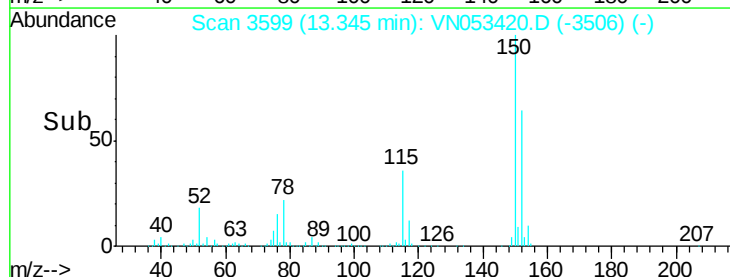
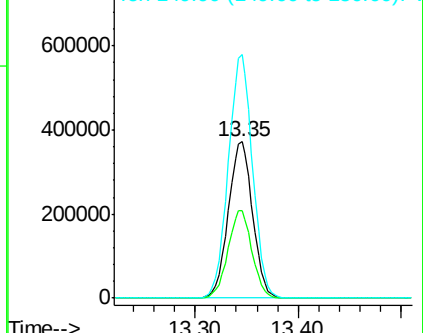
150 155.4 0.0 349.0

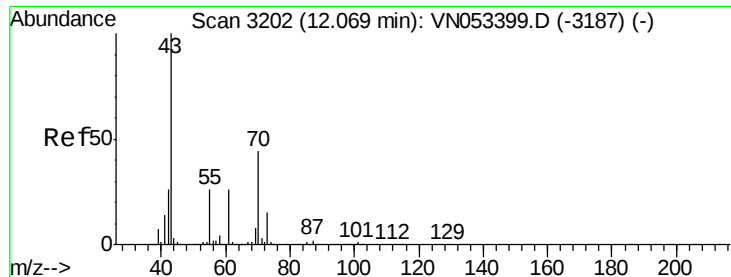


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

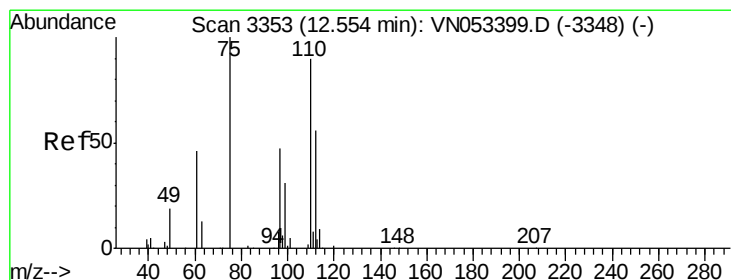
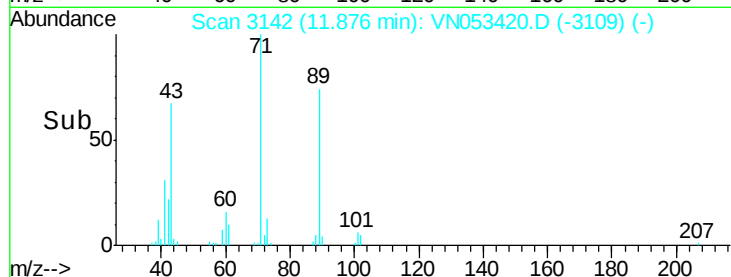
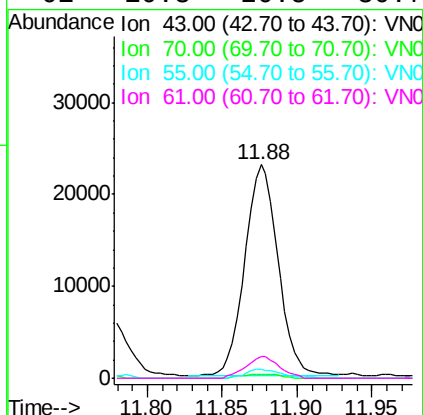
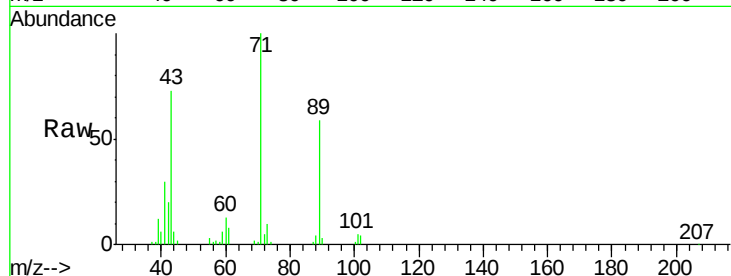




#74
N-amvl acetate
Concen: 3.007 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053420.D
Acq: 16 Jan 2019 13:01

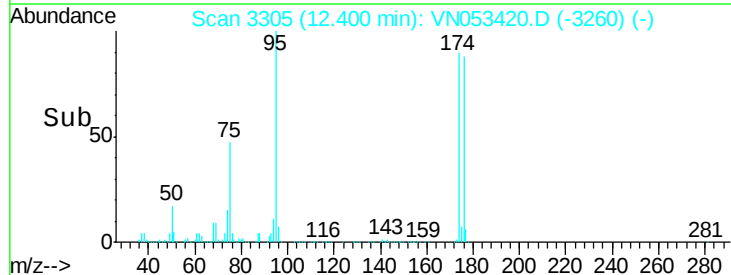
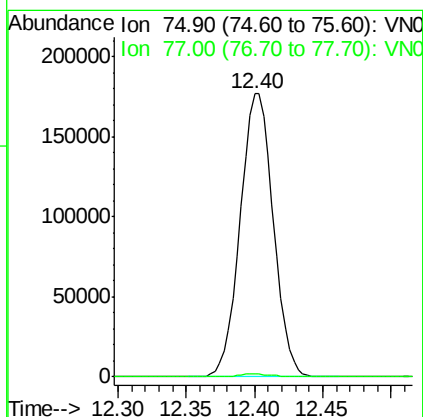
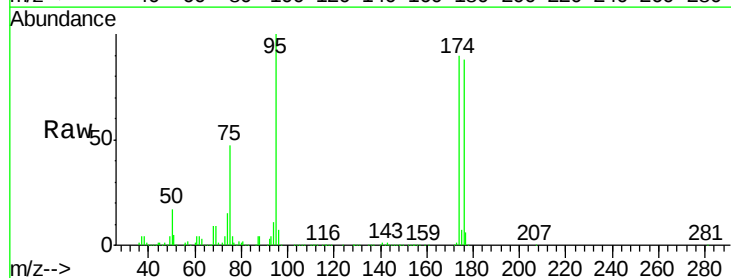
Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#03

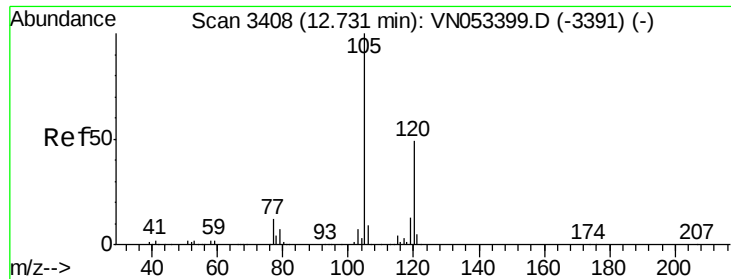
Tot Ion: 43 Resp: 35741
Ion Ratio Lower Upper
43 100
70 2.2 35.4 53.2#
55 4.6 20.9 31.3#
61 10.3 20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 37.189 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053420.D
Acq: 16 Jan 2019 13:01

Tgt Ion: 75 Resp: 298362
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.256 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

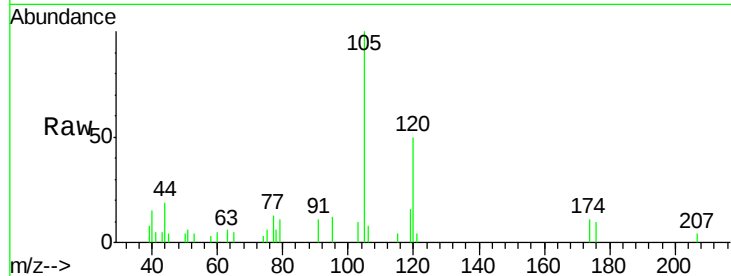
PB116405ZHE#03

Tot Ion:105 Resp: 9272

Ion Ratio Lower Upper

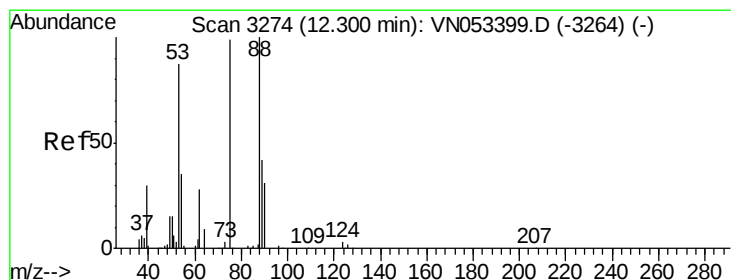
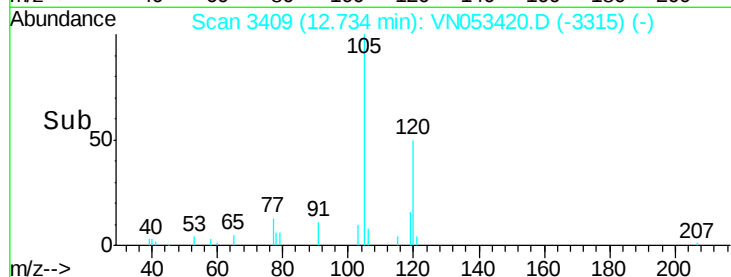
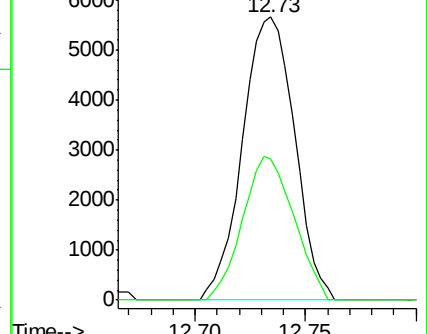
105 100

120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 91.880 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053420.D

Acq: 16 Jan 2019 13:01

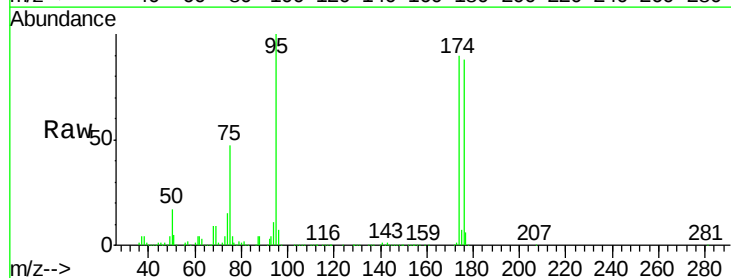
Tgt Ion: 75 Resp: 298362

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

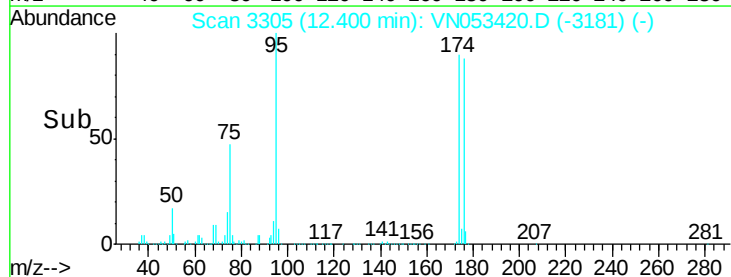
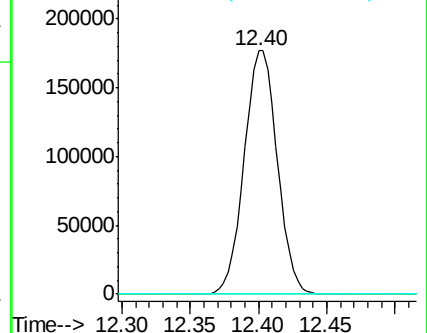
89 0.0 35.6 53.4#

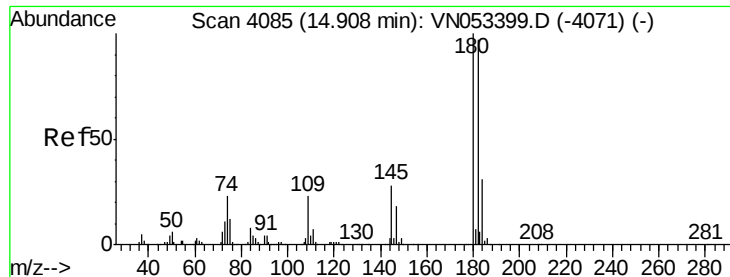


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

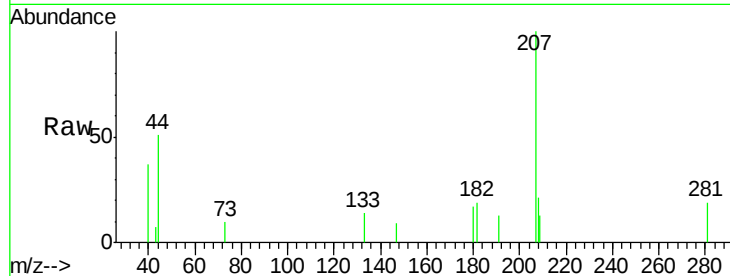




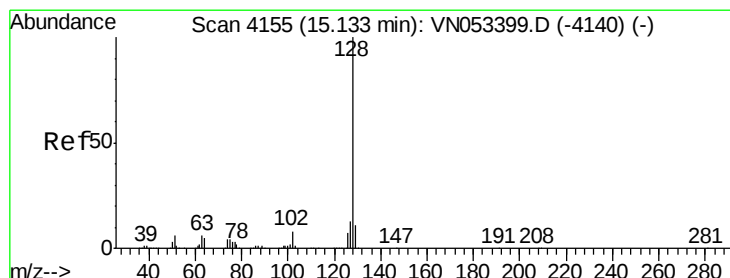
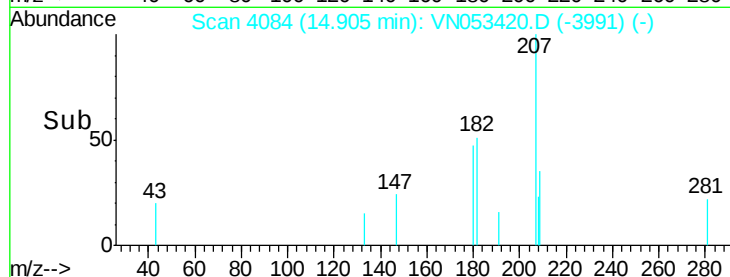
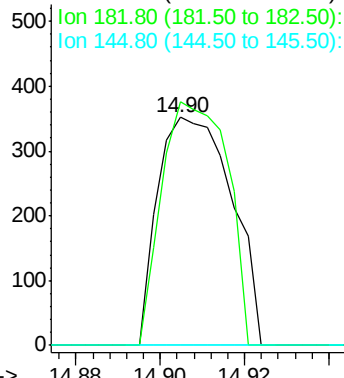
#93
 1,2,4-Trichlorobenzene
 Concen: 2.815 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN053420.D
 Acq: 16 Jan 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#03

Tot Ion:180 Resp: 429
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.1 144.3
 145 0.0 13.9 41.6#

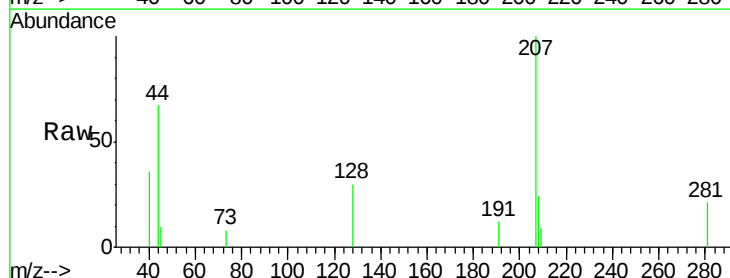


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

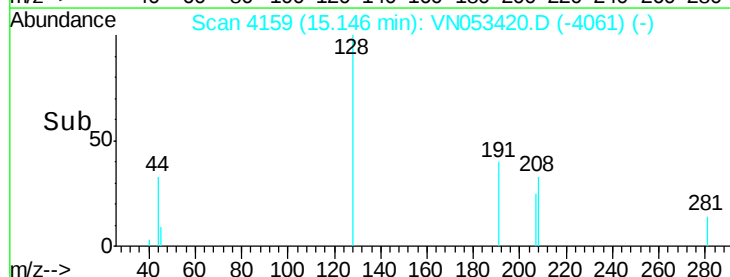
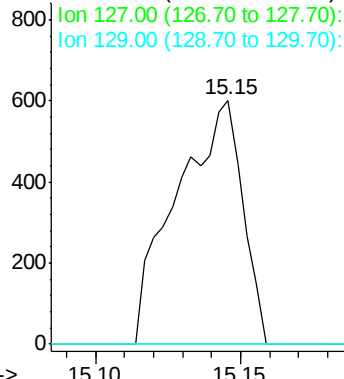


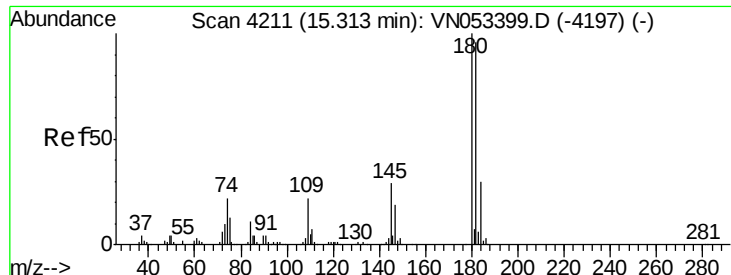
#95
 Naphthalene
 Concen: 3.998 ug/l
 RT: 15.15 min Scan# 4159
 Delta R.T. 0.01 min
 Lab File: VN053420.D
 Acq: 16 Jan 2019 13:01

Tgt Ion:128 Resp: 947
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

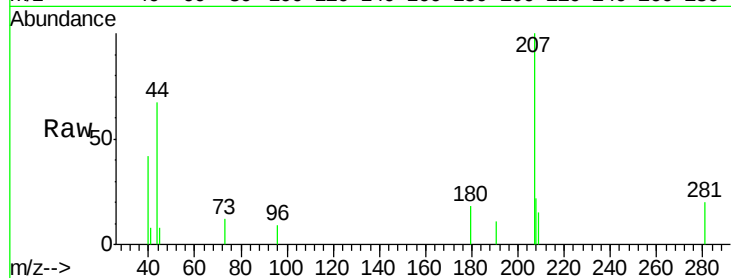




#96
 1,2,3-Trichlorobenzene
 Concen: 3.966 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053420.D
 Acq: 16 Jan 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#03

Tot Ion	Ratio	Lower	Upper
180	100		
182	30.9	47.9	143.8#
145	0.0	14.7	44.1#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

