

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053490.D
 Acq On : 18 Jan 2019 23:18
 Operator : JC/SP
 Sample : K1011-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-011719-B

Quant Time: Jan 19 00:27:31 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	864310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1362623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1282244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	546979	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	447536	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	7.59	113	403134	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
50) Toluene-d8	10.09	98	1705866	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.40	95	579447	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	

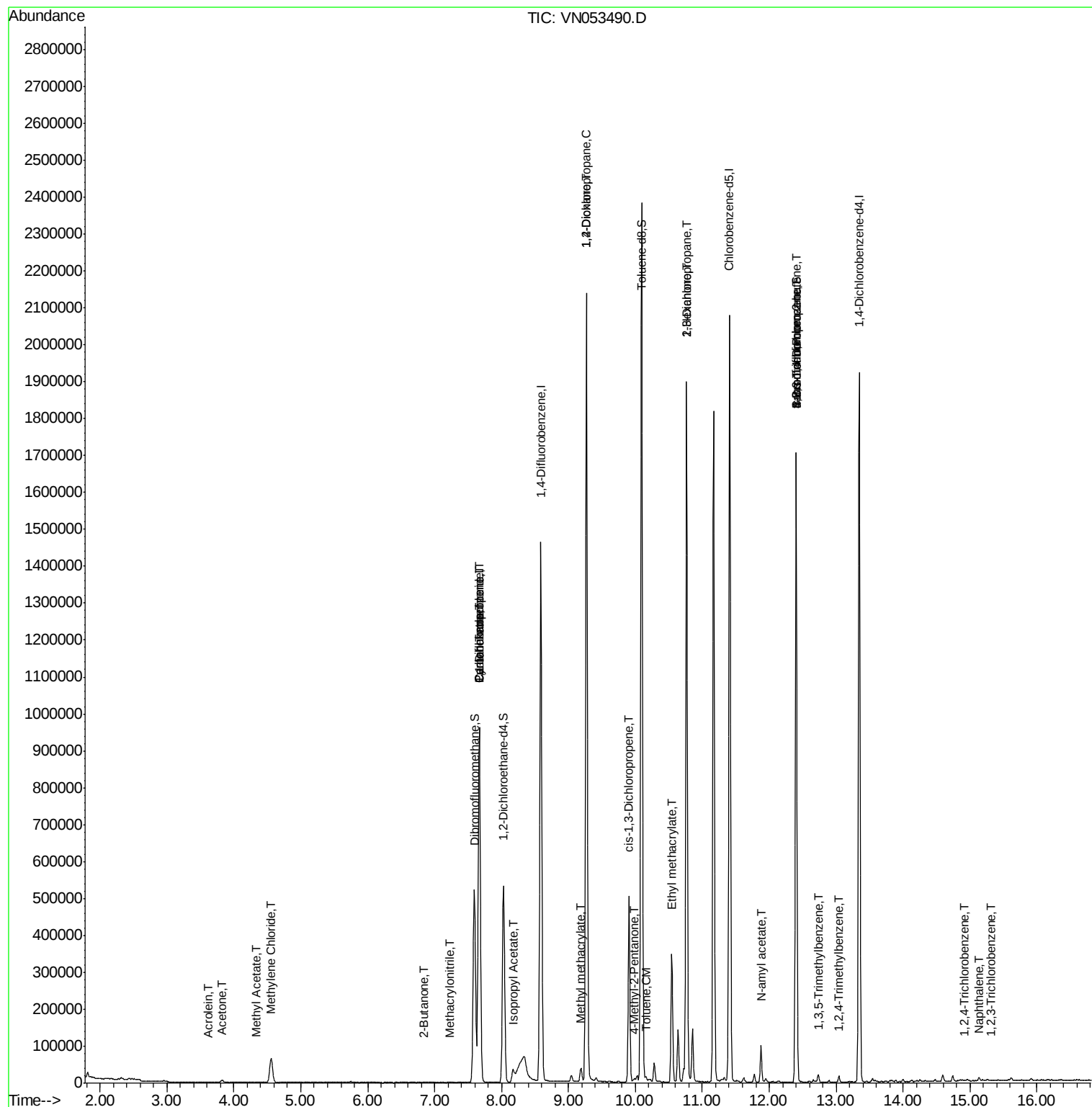
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	99	22.848	ug/l #	14
16) Acetone	3.82	43	12555	6.264	ug/l	96
18) Methyl Acetate	4.33	43	3490	0.517	ug/l #	79
20) Methylene Chloride	4.56	84	51464	5.624	ug/l	98
25) 2-Butanone	6.85	43	2131	0.690	ug/l #	47
31) Cyclohexane	7.67	56	14218	0.727	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	56501	4.553	ug/l #	48
38) Carbon Tetrachloride	7.67	117	73202	6.231	ug/l #	16
41) Methacrylonitrile	7.22	41	267	0.730	ug/l #	20
43) Isopropyl Acetate	8.17	43	45056	3.510	ug/l #	80
45) 1,2-Dichloropropane	9.27	63	2539	0.254	ug/l #	43
48) Methyl methacrylate	9.18	41	13395	2.021	ug/l #	12
49) 1,4-Dioxane	9.27	88	216	3.337	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5277	0.753	ug/l	100
52) Toluene	10.16	92	4817	0.206	ug/l	87
54) cis-1,3-Dichloropropene	9.90	75	94882	6.617	ug/l #	62
56) Ethyl methacrylate	10.55	69	1533	2.186	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	20774	1.488	ug/l #	43
59) 2-Hexanone	10.76	43	263691	53.600	ug/l #	50
71) Bromoform	12.40	173	3877	0.596	ug/l #	1
74) N-amyl acetate	11.88	43	29515	2.764	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	270164	37.480	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8664	0.266	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	270164	92.581	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	10327	0.314	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	176	2.788	ug/l #	1
95) Naphthalene	15.14	128	8402	4.524	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	33	3.910	ug/l #	1

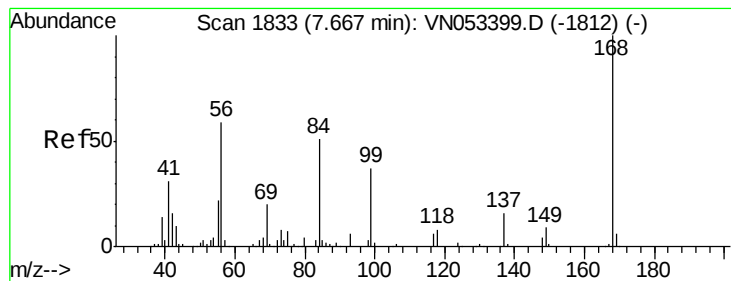
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
Data File : VN053490.D
Acq On : 18 Jan 2019 23:18
Operator : JC/SP
Sample : K1011-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
OR-03-011719-B

Quant Time: Jan 19 00:27:31 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

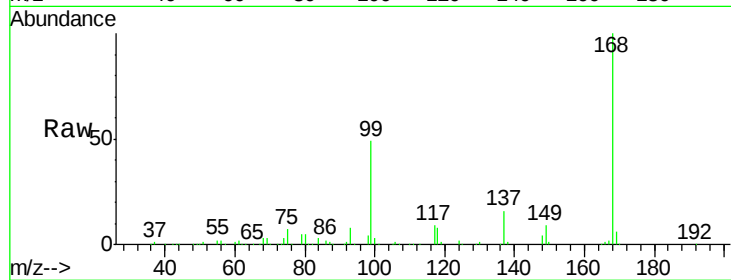
OR-03-011719-B

Tot Ion:168 Resp: 864310

Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

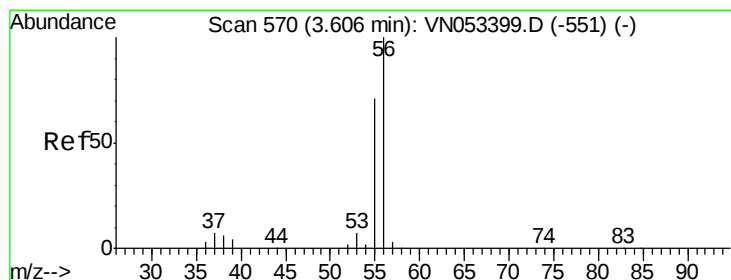
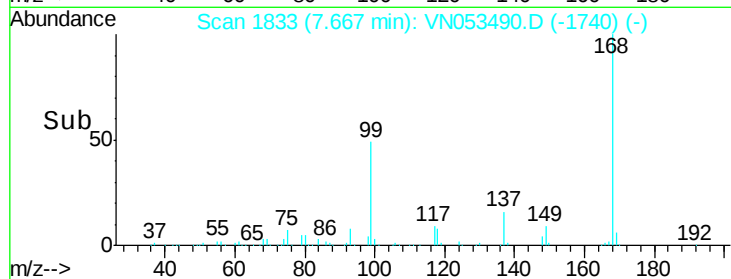
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 22.848 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN053490.D

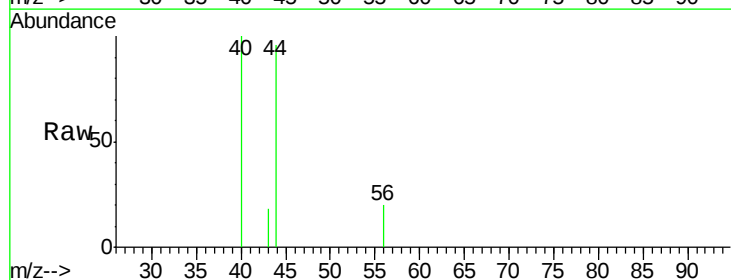
Acq: 18 Jan 2019 23:18

Tgt Ion: 56 Resp: 99

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.61

200

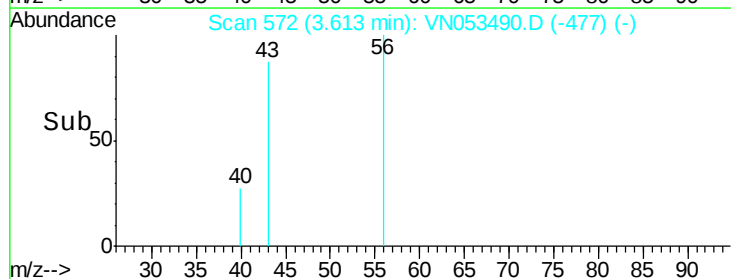
150

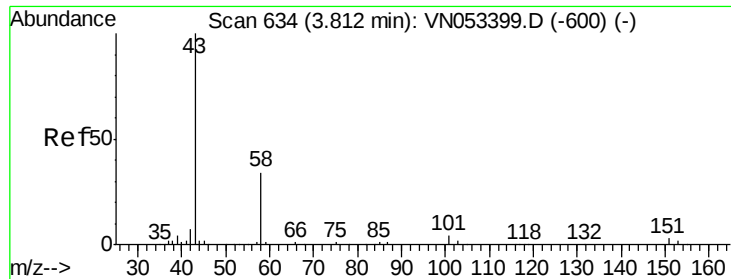
100

50

0

Time-->





#16

Acetone

Concen: 6.264 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

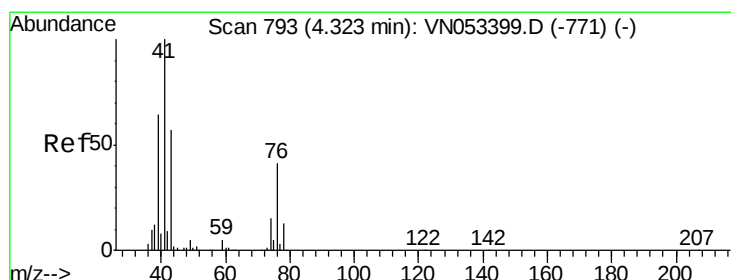
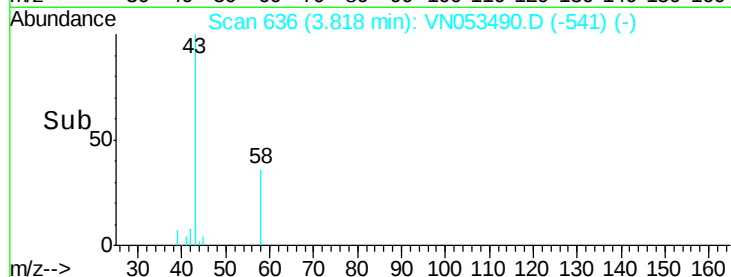
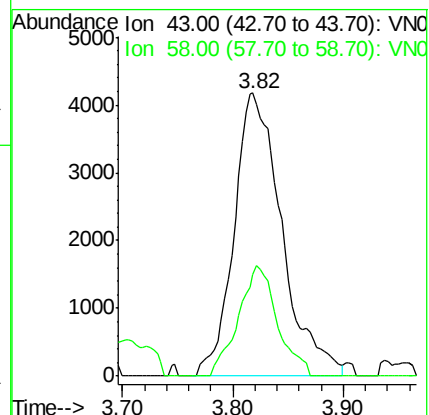
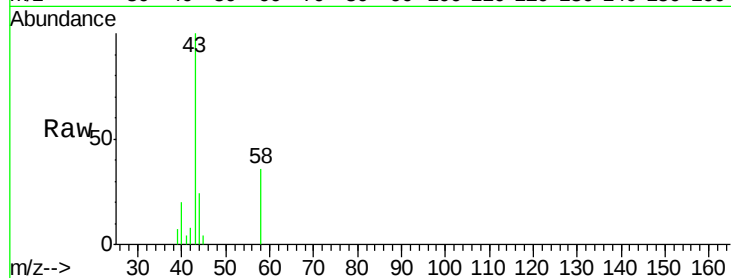
OR-03-011719-B

Tot Ion: 43 Resp: 12555

Ion Ratio Lower Upper

43 100

58 36.0 27.1 40.7



#18

Methyl Acetate

Concen: 0.517 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053490.D

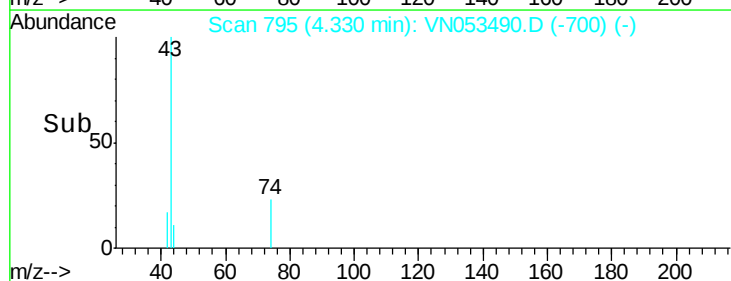
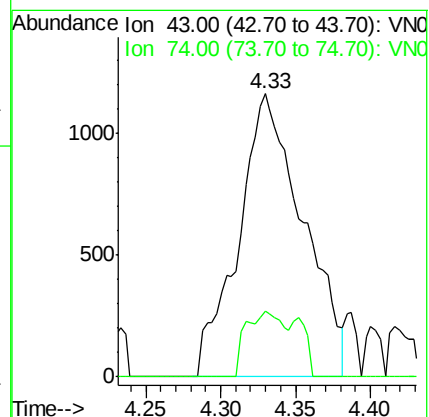
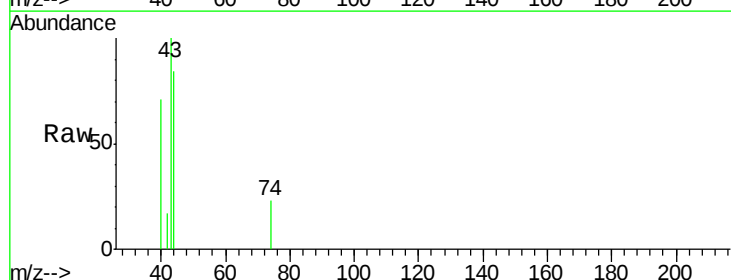
Acq: 18 Jan 2019 23:18

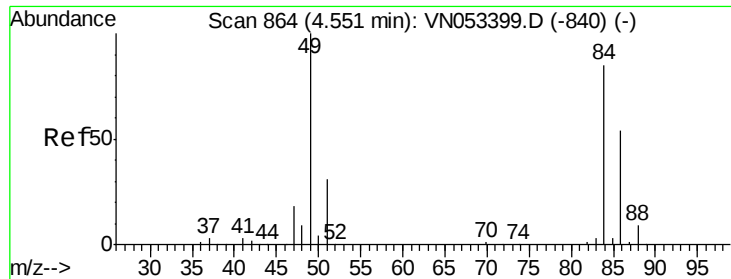
Tgt Ion: 43 Resp: 3490

Ion Ratio Lower Upper

43 100

74 13.8 19.4 29.2#

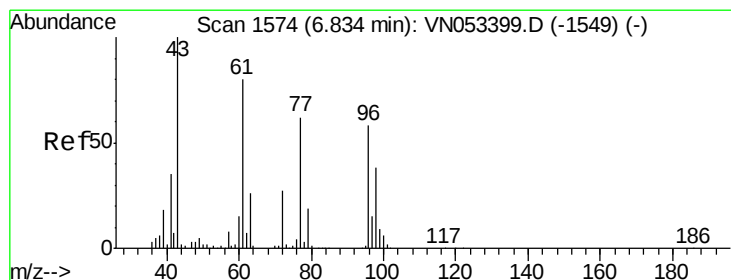
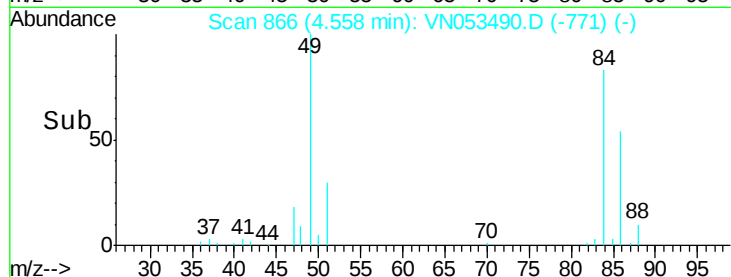
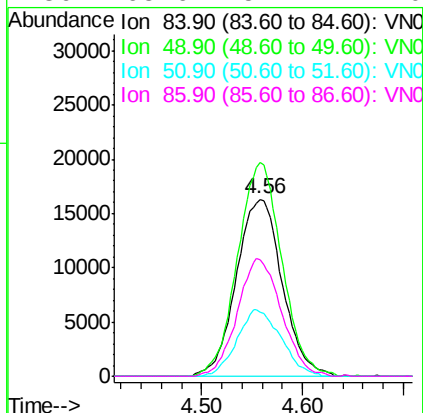
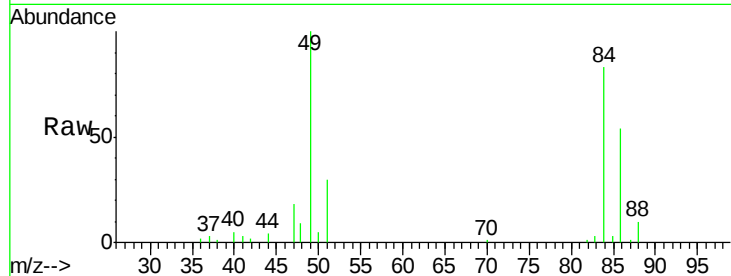




#20
Methvlene Chloride
Concen: 5.624 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053490.D
Acq: 18 Jan 2019 23:18

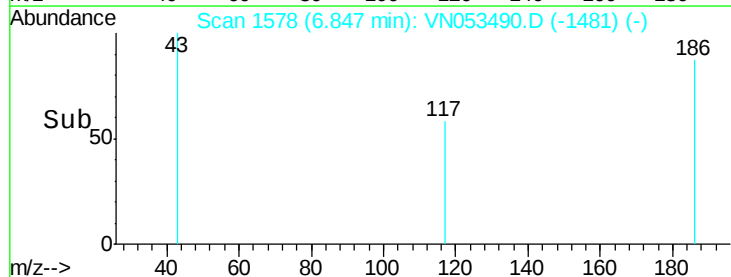
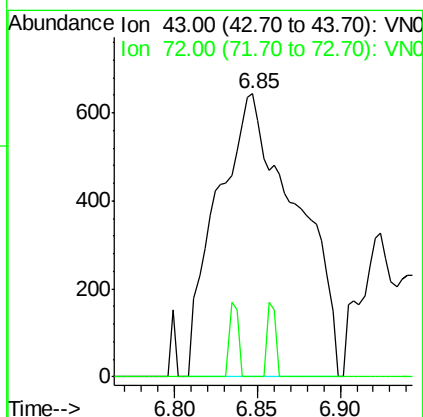
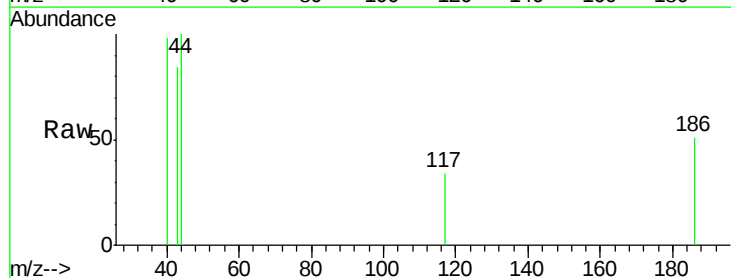
Instrument :
MSVOA_N
ClientSampleId :
OR-03-011719-B

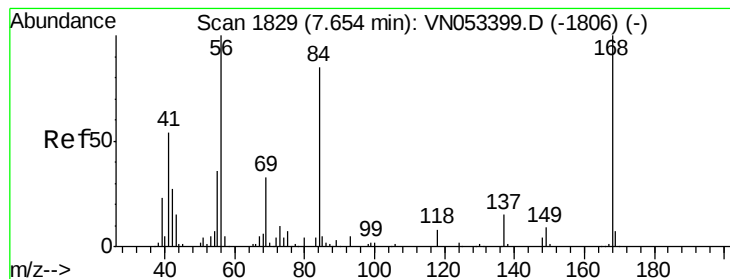
Tot Ion: 84 Resp: 51464
Ion Ratio Lower Upper
84 100
49 120.7 94.3 141.5
51 36.3 29.4 44.2
86 65.6 51.4 77.0



#25
2-Butanone
Concen: 0.690 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053490.D
Acq: 18 Jan 2019 23:18

Tgt Ion: 43 Resp: 2131
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#





#31

Cyclohexane

Concen: 0.727 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

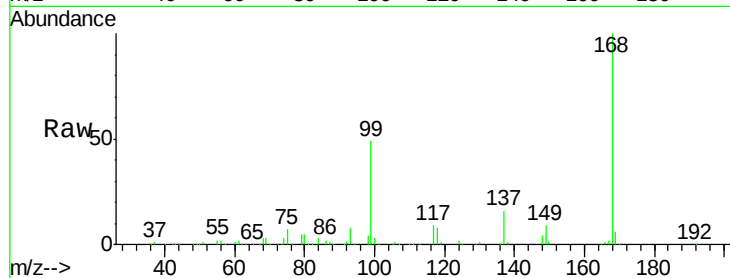
Tot Ion: 56 Resp: 14218

Ion Ratio Lower Upper

56 100

69 166.8 26.4 39.6#

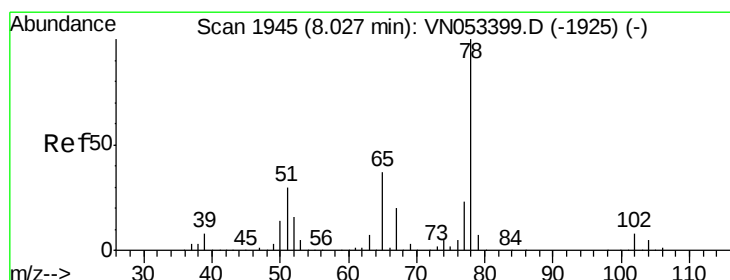
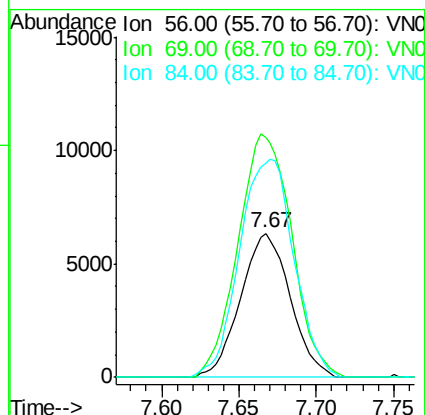
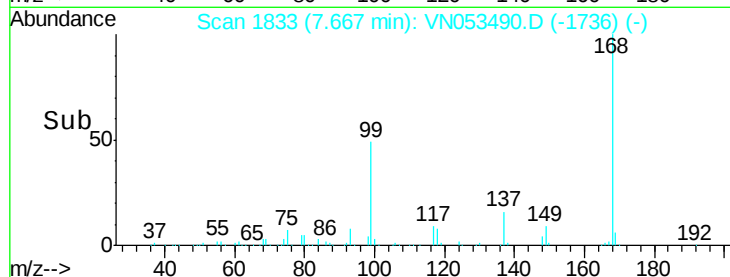
84 149.0 67.9 101.9#



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053490.D

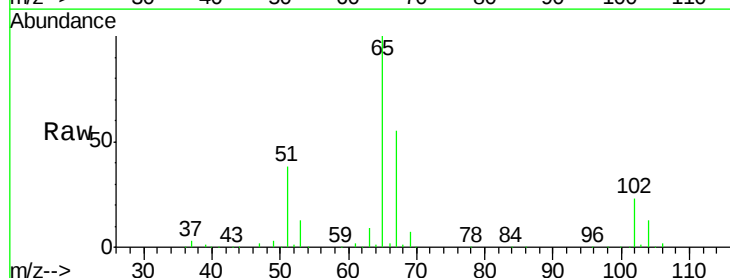
Acq: 18 Jan 2019 23:18

Tgt Ion: 65 Resp: 447536

Ion Ratio Lower Upper

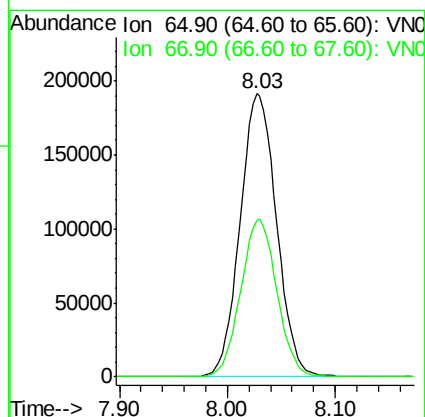
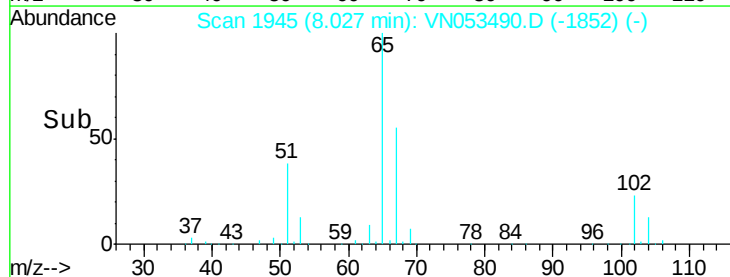
65 100

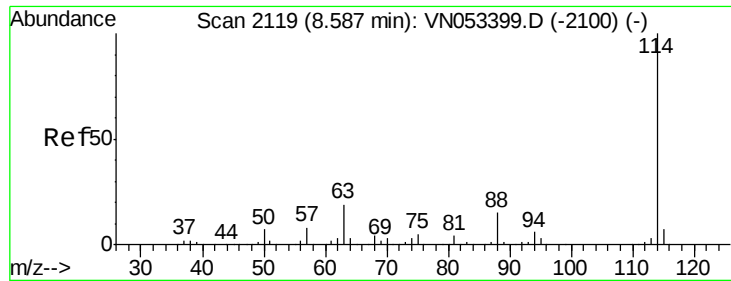
67 55.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

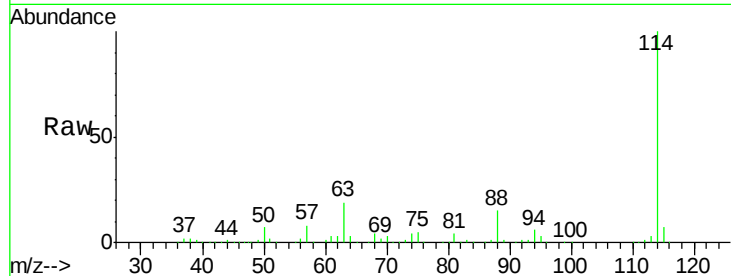




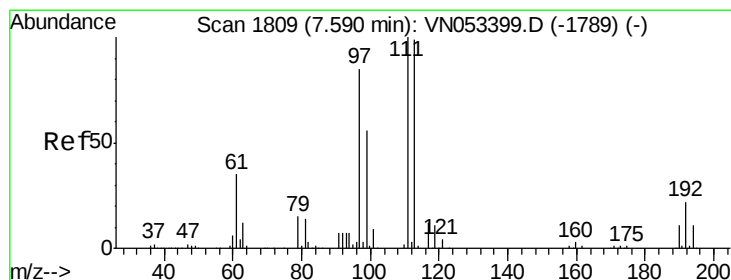
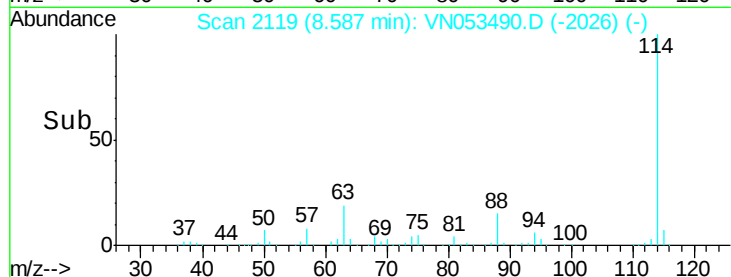
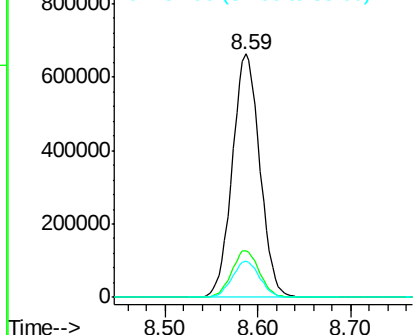
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053490.D
Acq: 18 Jan 2019 23:18

Instrument :
MSVOA_N
ClientSampleId :
OR-03-011719-B

Tot Ion:114 Resp: 1362623
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 15.1 0.0 30.4

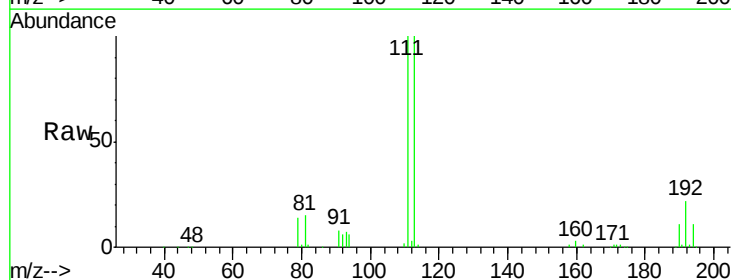


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

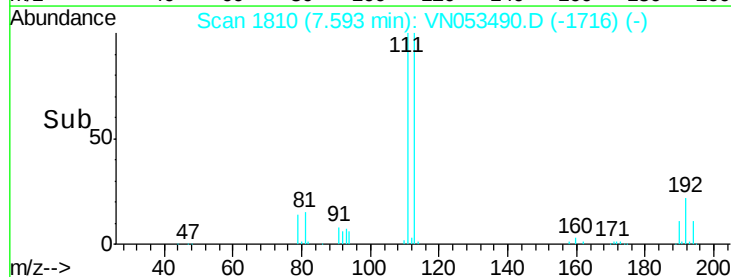
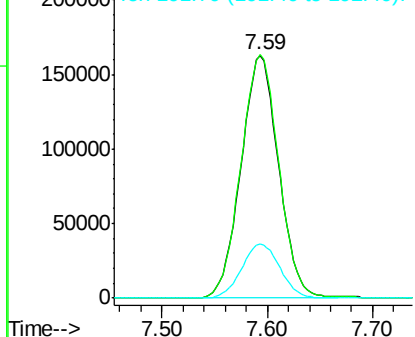


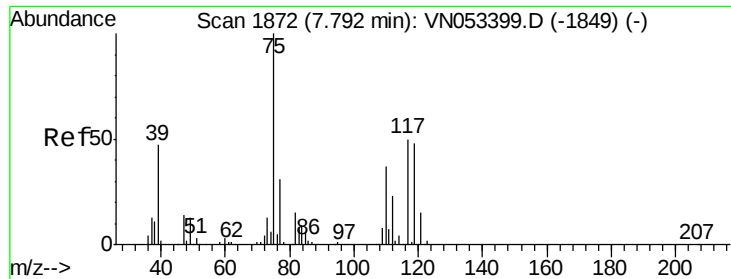
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053490.D
Acq: 18 Jan 2019 23:18

Tgt Ion:113 Resp: 403134
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 22.8 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: 4.553 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

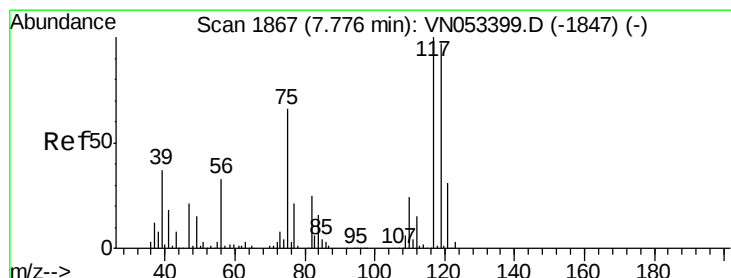
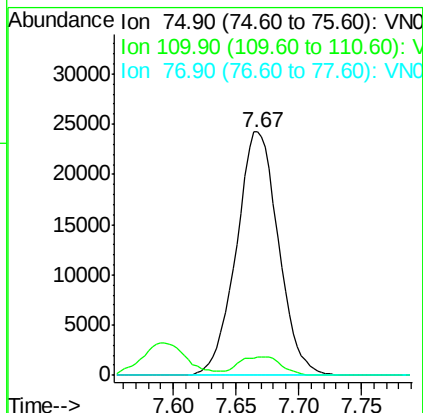
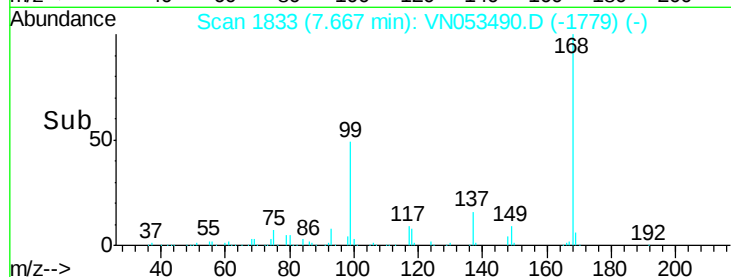
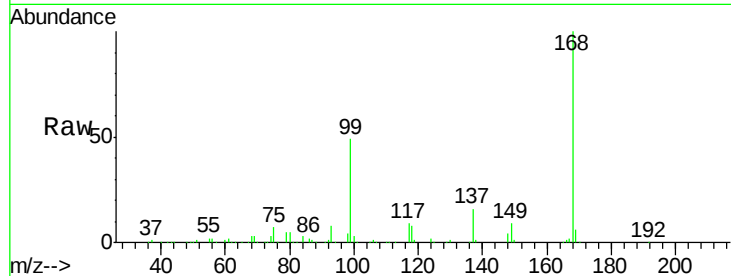
Tot Ion: 75 Resp: 56501

Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.3#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.231 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

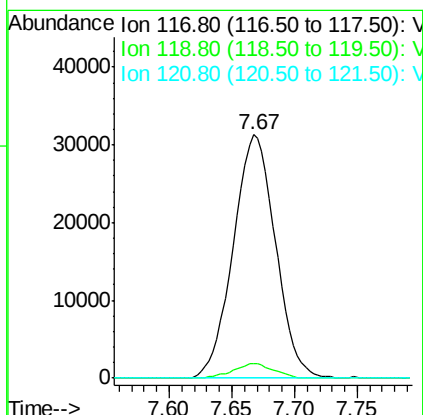
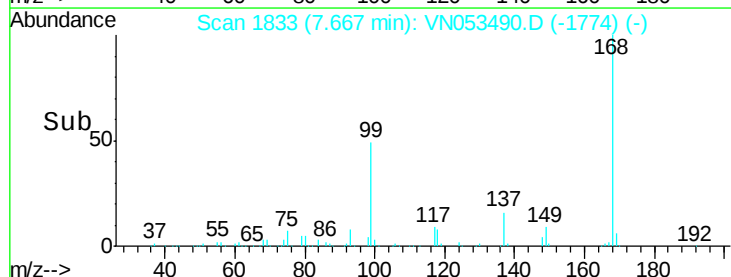
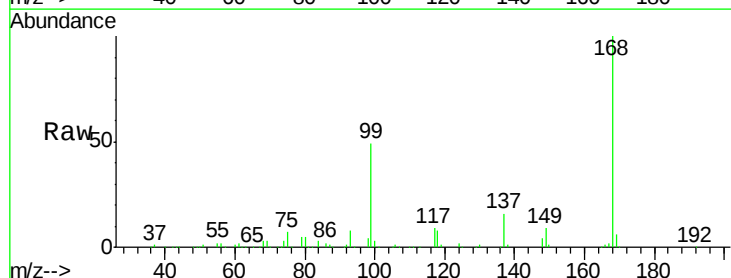
Tgt Ion: 117 Resp: 73202

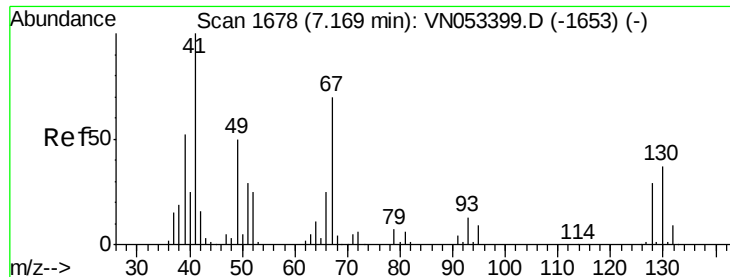
Ion Ratio Lower Upper

117 100

119 6.0 77.2 115.8#

121 0.0 24.6 37.0#

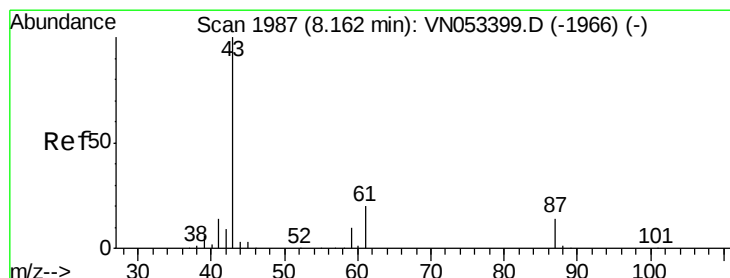
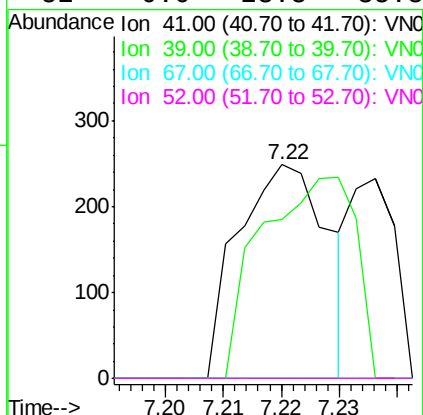
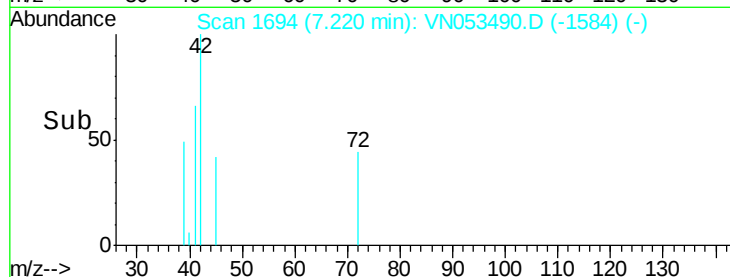
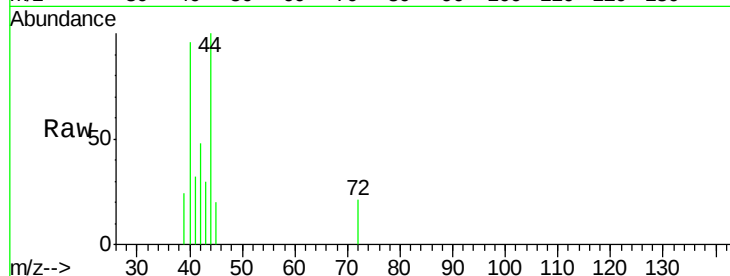




#41
Methacrylonitrile
Concen: 0.730 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.05 min
Lab File: VN053490.D
Acq: 18 Jan 2019 23:18

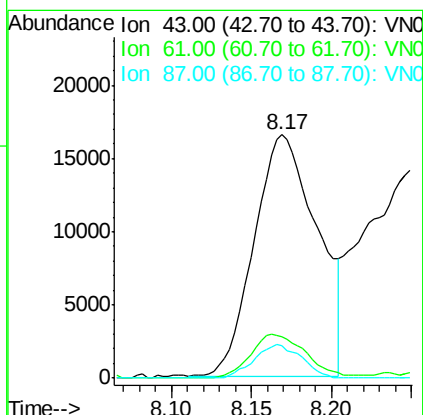
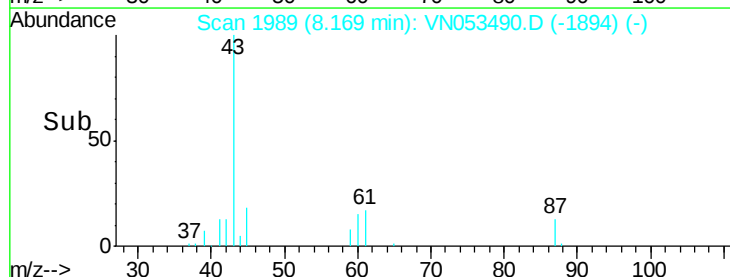
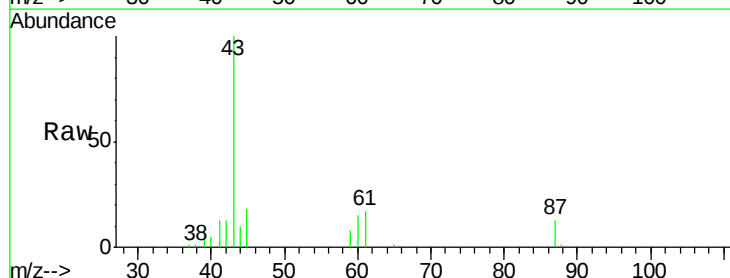
Instrument :
MSVOA_N
ClientSampleId :
OR-03-011719-B

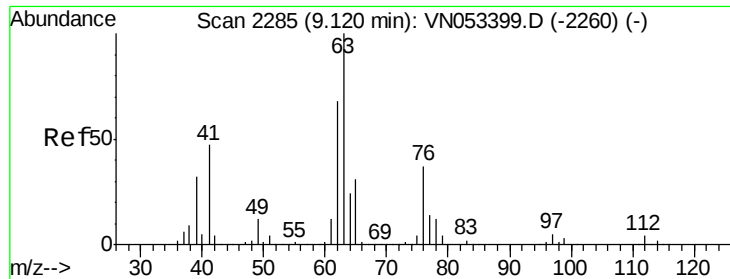
Tot Ion:	41	Resp:	267
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.8	70.2#
67	0.0	63.0	94.6#
52	0.0	23.8	35.8#



#43
Isopropyl Acetate
Concen: 3.510 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN053490.D
Acq: 18 Jan 2019 23:18

Tgt Ion:	43	Resp:	45056
Ion	Ratio	Lower	Upper
43	100		
61	15.8	23.9	35.9#
87	10.5	11.0	16.6#

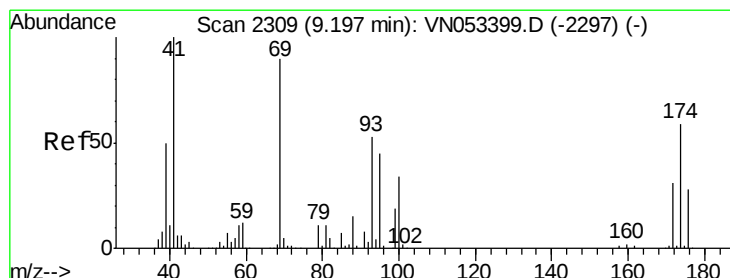
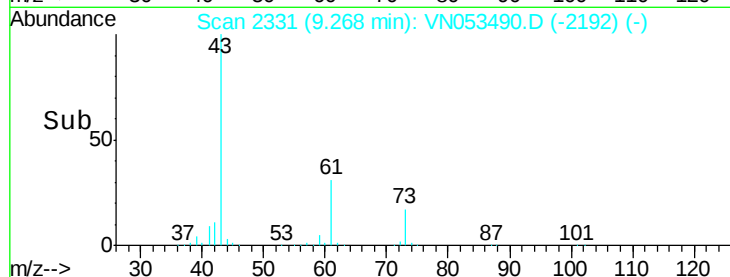
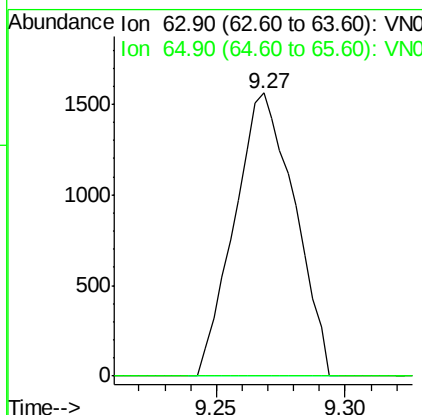
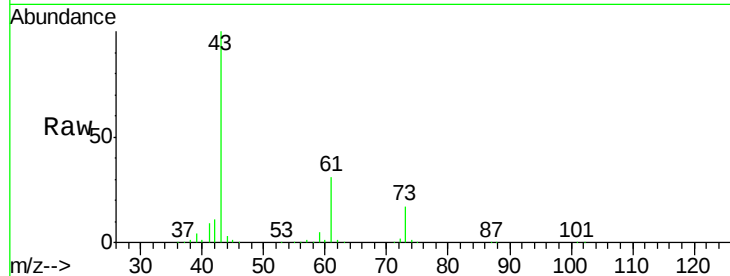




#45
 1,2-Dichloropropane
 Concen: 0.254 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN053490.D
 Acq: 18 Jan 2019 23:18

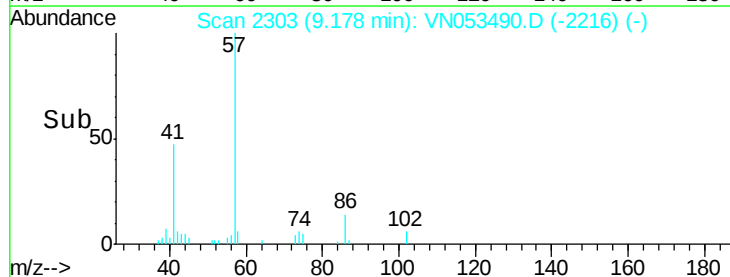
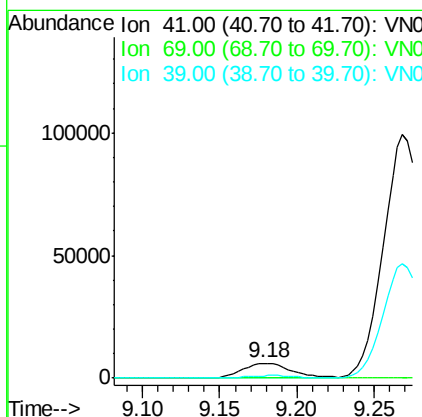
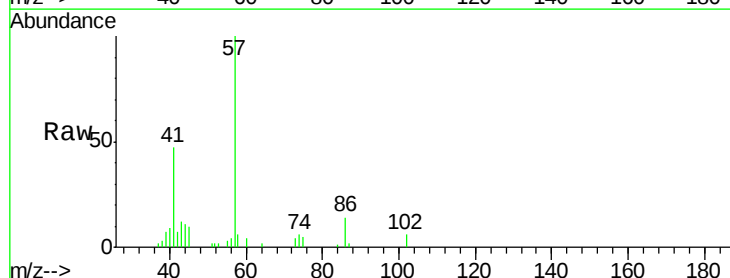
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-011719-B

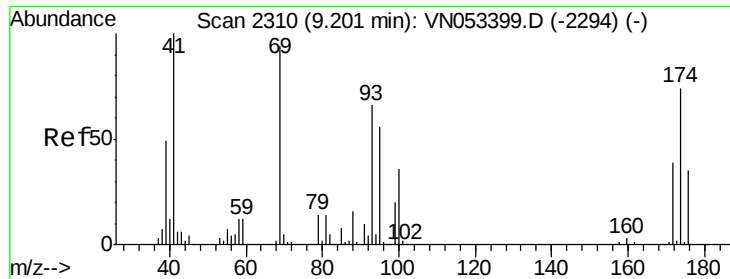
Tot Ion: 63 Resp: 2539
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 2.021 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN053490.D
 Acq: 18 Jan 2019 23:18

Tgt Ion: 41 Resp: 13395
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.8 110.6#
 39 0.0 40.0 60.0#





#49

1,4-Dioxane

Concen: 3.337 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

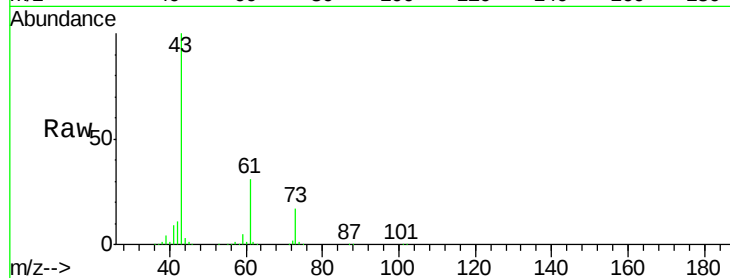
Tot Ion: 88 Resp: 216

Ion Ratio Lower Upper

88 100

43 950179.2 27.8 41.6#

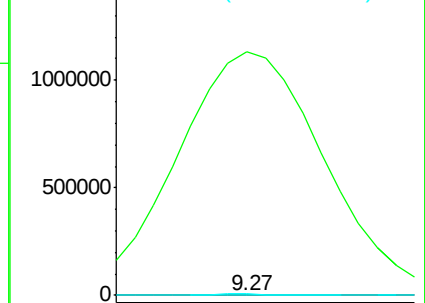
58 4555.6 56.5 84.7#



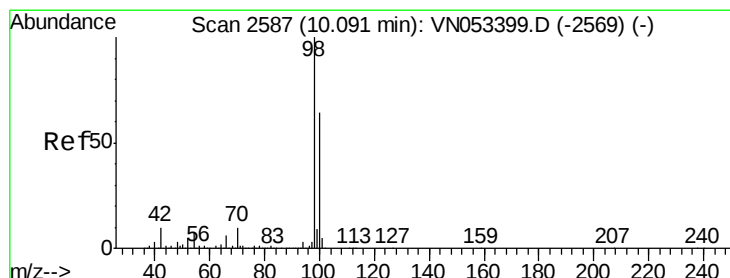
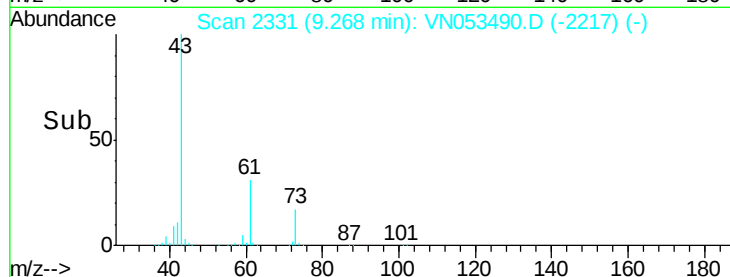
Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 3.337 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053490.D

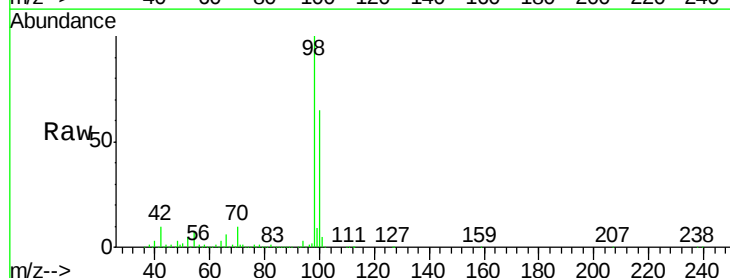
Acq: 18 Jan 2019 23:18

Tgt Ion: 98 Resp: 1705866

Ion Ratio Lower Upper

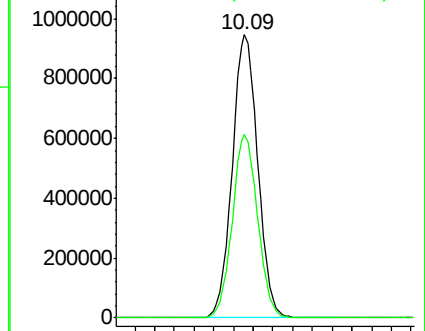
98 100

100 64.3 51.4 77.0

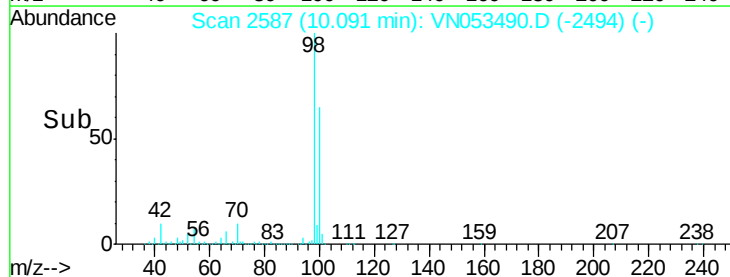


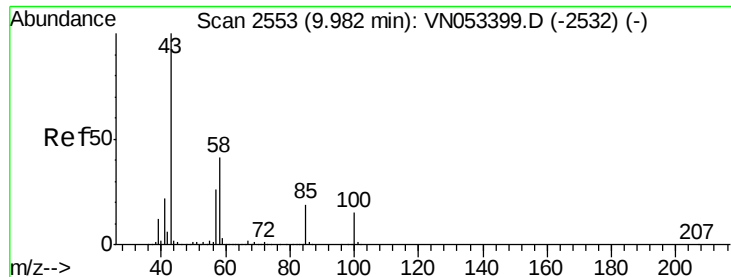
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->

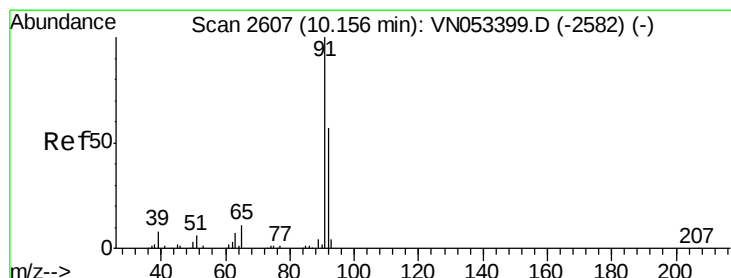
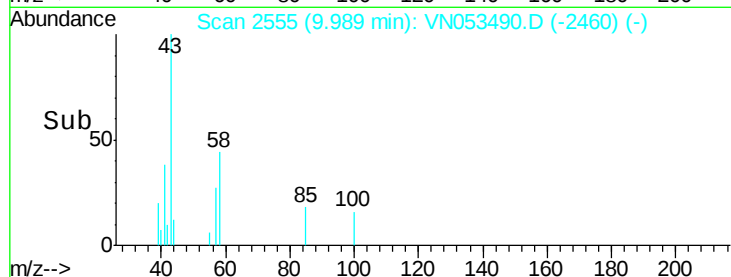
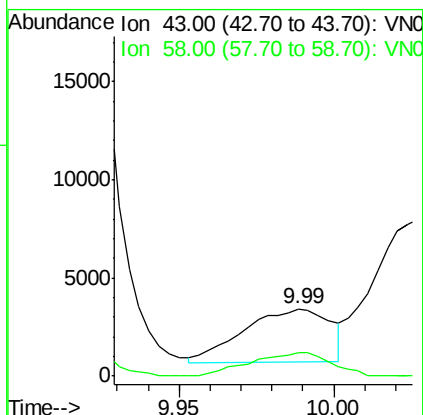
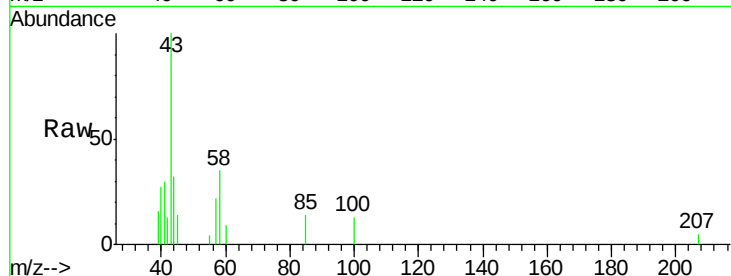




#51
4-Methyl-2-Pentanone
Concen: 0.753 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.01 min
Lab File: VN053490.D
Acq: 18 Jan 2019 23:18

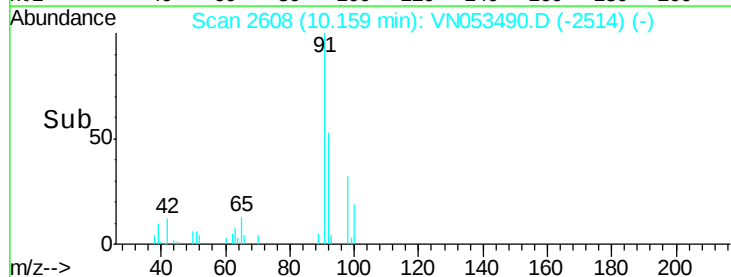
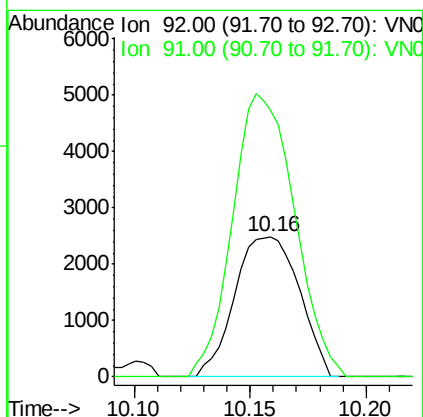
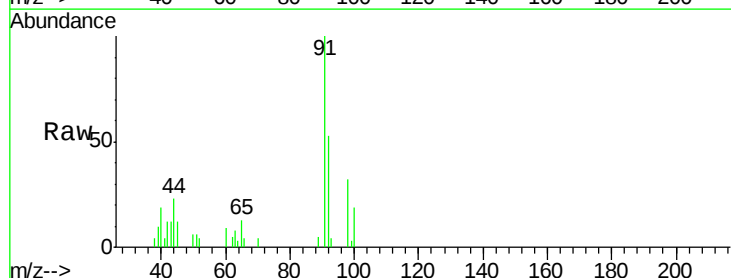
Instrument :
MSVOA_N
ClientSampleId :
OR-03-011719-B

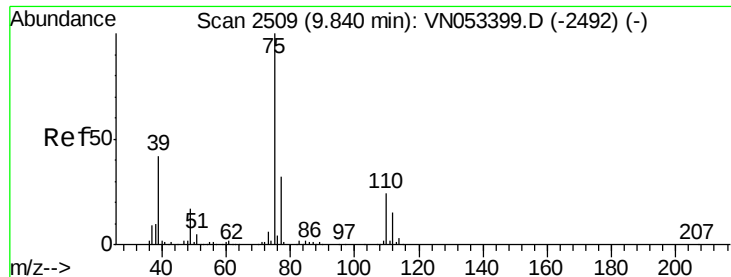
Tot Ion: 43 Resp: 5277
Ion Ratio Lower Upper
43 100
58 41.2 32.8 49.2



#52
Toluene
Concen: 0.206 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN053490.D
Acq: 18 Jan 2019 23:18

Tgt Ion: 92 Resp: 4817
Ion Ratio Lower Upper
92 100
91 193.7 139.9 209.9





#54

cis-1,3-Dichloropropene

Concen: 6.617 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

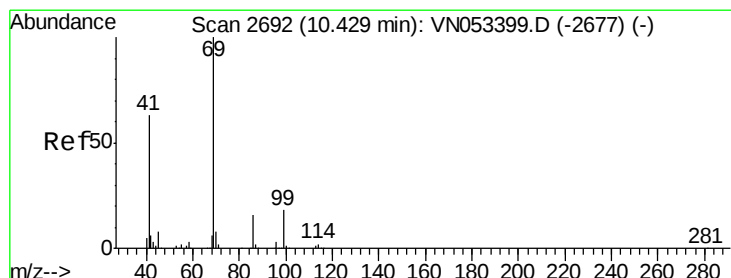
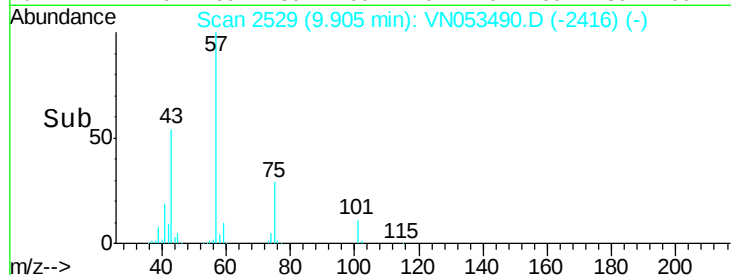
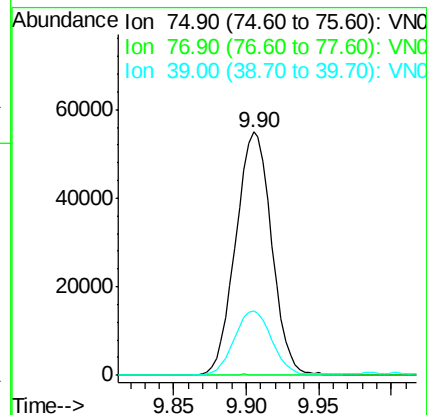
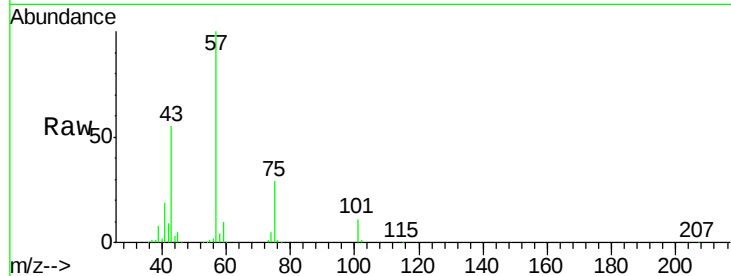
Tot Ion: 75 Resp: 94882

Ion Ratio Lower Upper

75 100

77 0.3 25.8 38.6#

39 26.7 33.4 50.0#



#56

Ethyl methacrylate

Concen: 2.186 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

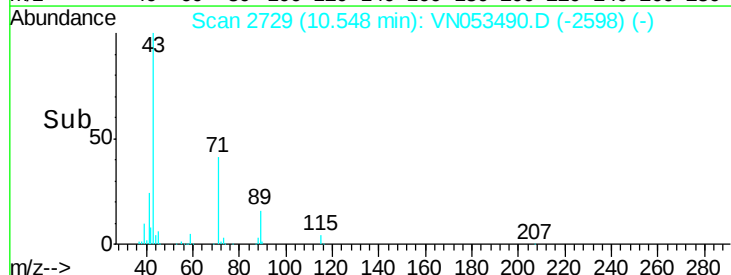
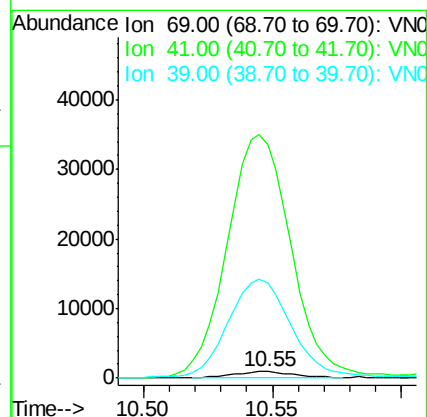
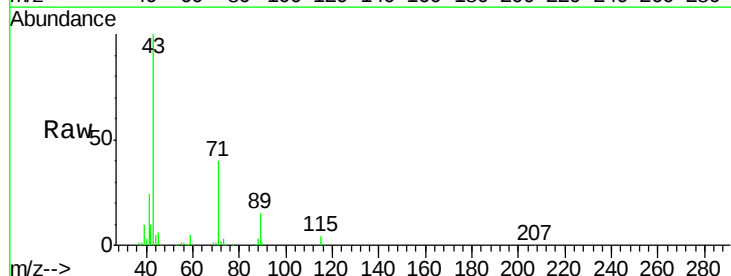
Tgt Ion: 69 Resp: 1533

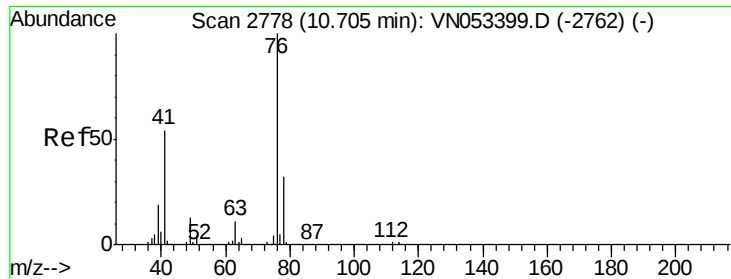
Ion Ratio Lower Upper

69 100

41 3969.2 49.4 74.0#

39 1614.3 23.3 34.9#





#57

1,3-Dichloropropane

Concen: 1.488 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

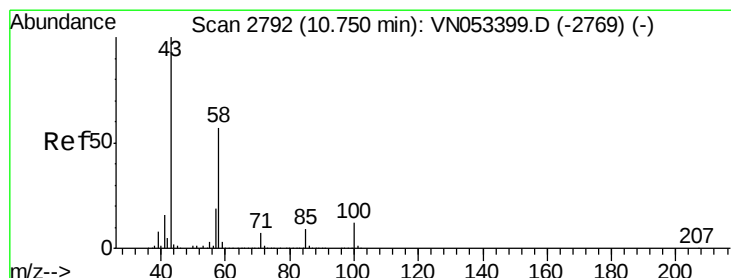
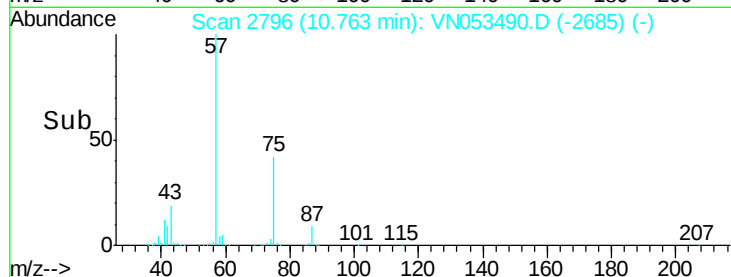
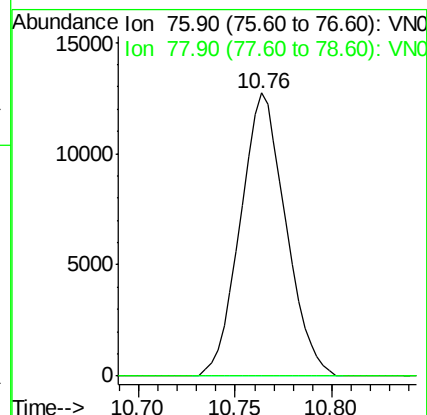
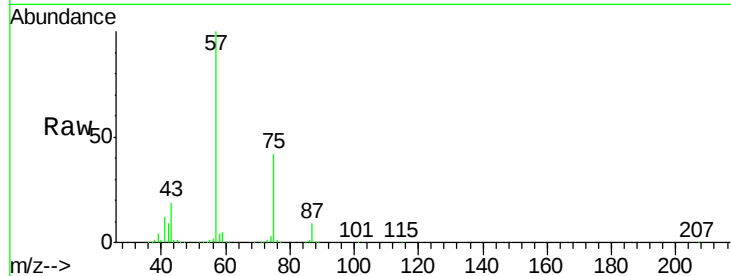
OR-03-011719-B

Tot Ion: 76 Resp: 20774

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 53.600 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053490.D

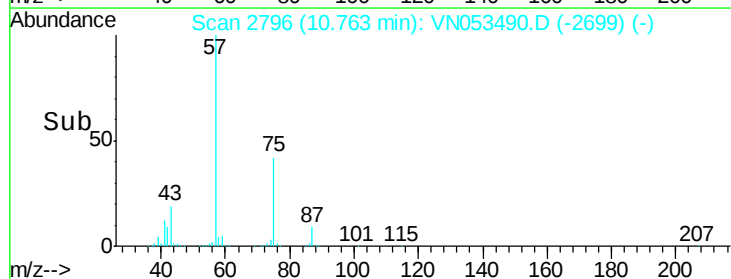
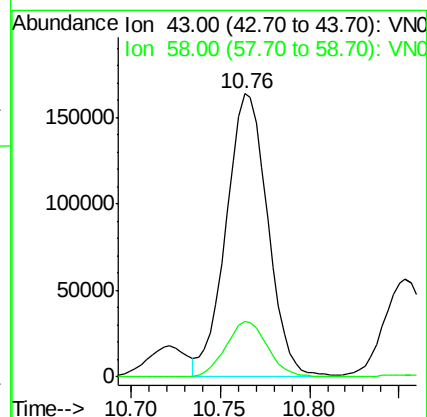
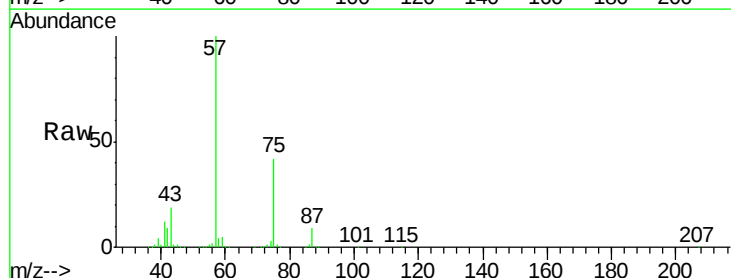
Acq: 18 Jan 2019 23:18

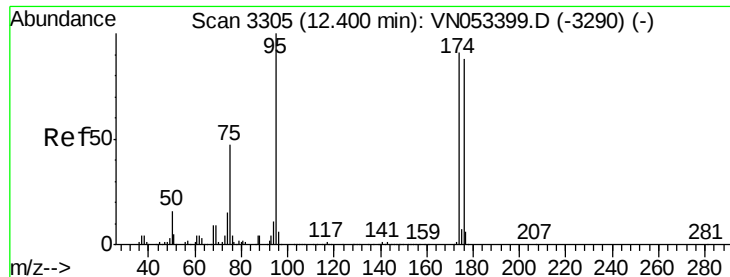
Tgt Ion: 43 Resp: 263691

Ion Ratio Lower Upper

43 100

58 20.0 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

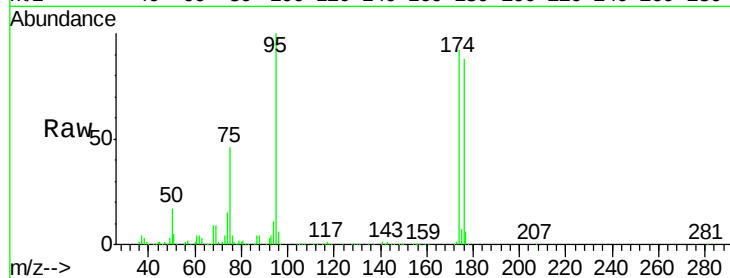
Tot Ion: 95 Resp: 579447

Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.2

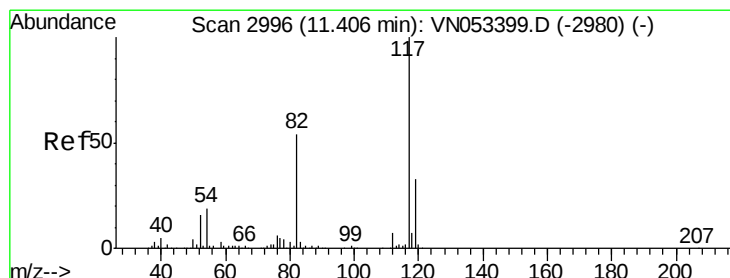
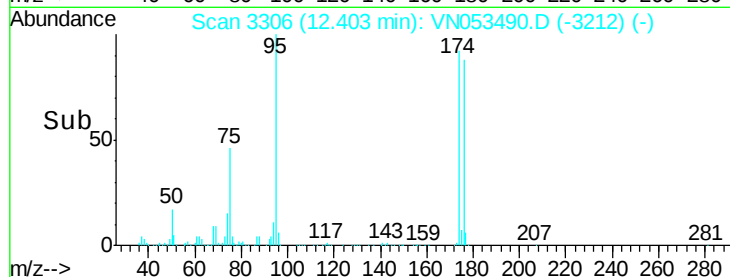
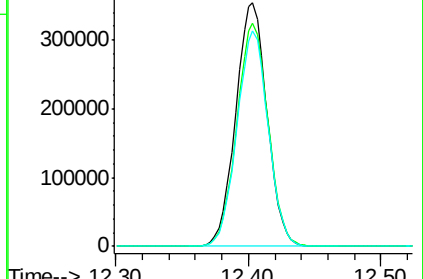
176 88.3 0.0 177.4



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: VN053490.D

Acq: 18 Jan 2019 23:18

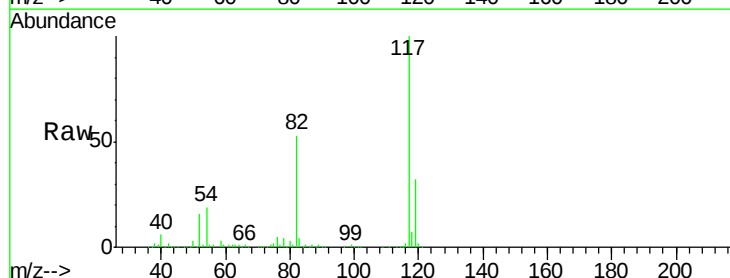
Tgt Ion: 117 Resp: 1282244

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

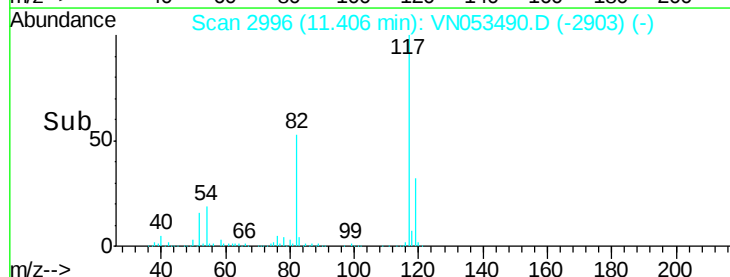
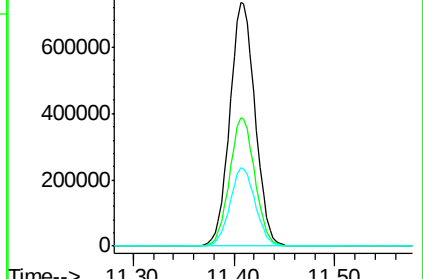
119 32.0 26.0 39.0

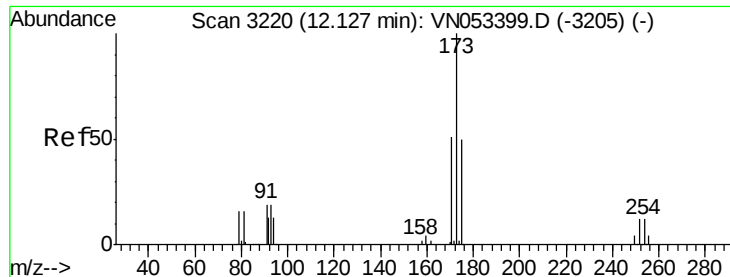


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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: 0.596 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

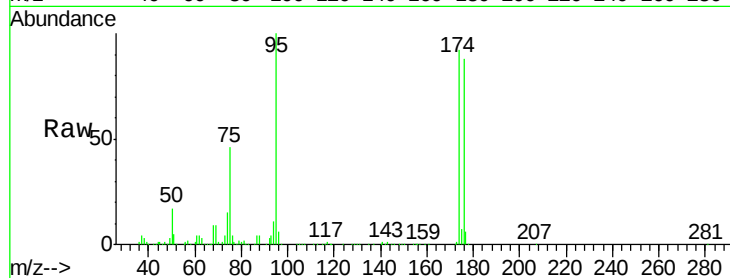
Tot Ion:173 Resp: 3877

Ion Ratio Lower Upper

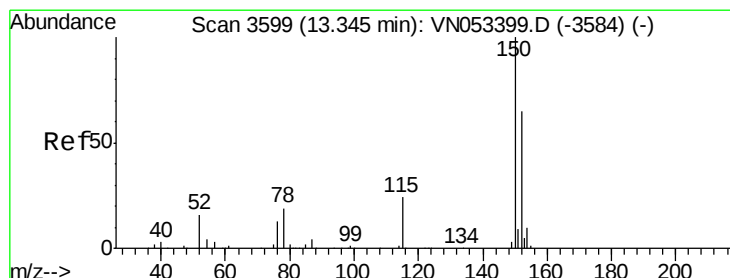
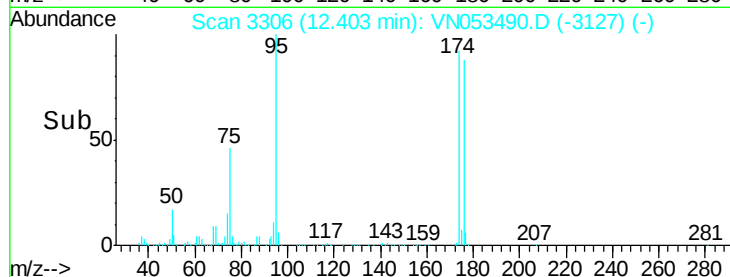
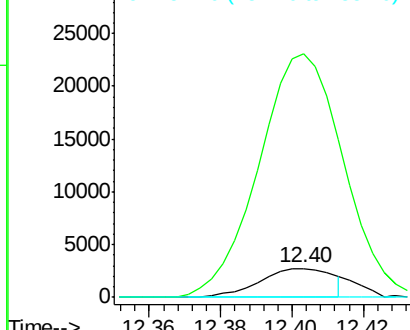
173 100

175 846.8 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: VN053490.D

Acq: 18 Jan 2019 23:18

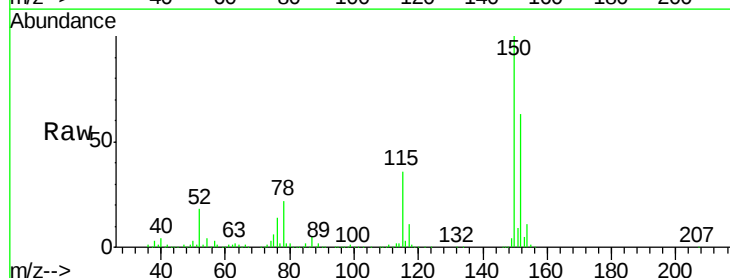
Tgt Ion:152 Resp: 546979

Ion Ratio Lower Upper

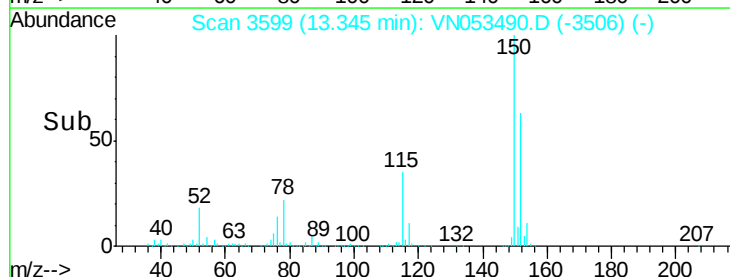
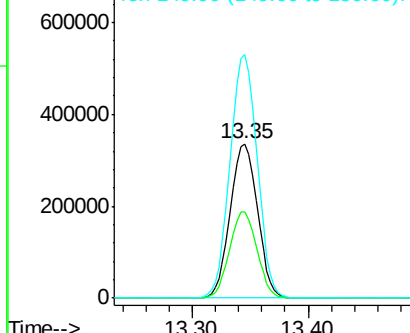
152 100

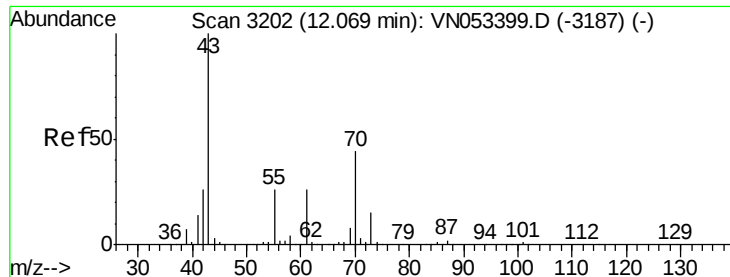
115 56.0 27.8 83.4

150 156.6 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: 2.764 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

Tot Ion: 43 Resp: 29515

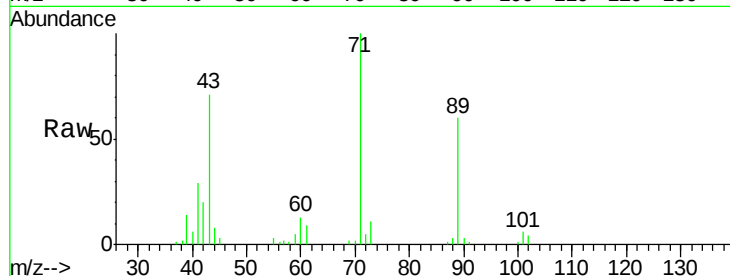
Ion Ratio Lower Upper

43 100

70 2.5 35.4 53.2#

55 4.9 20.9 31.3#

61 11.8 20.5 30.7#

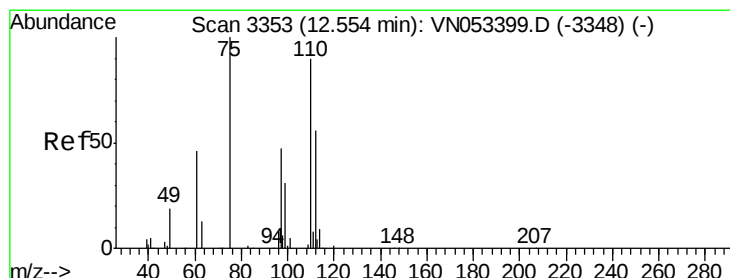
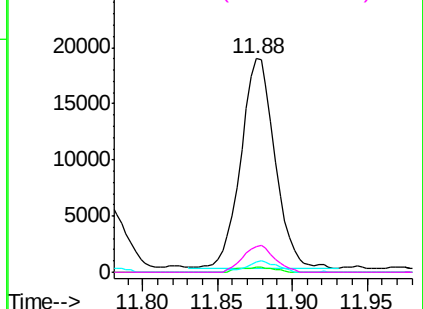
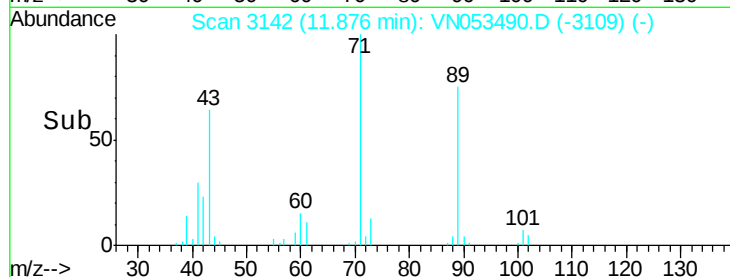


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 37.480 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053490.D

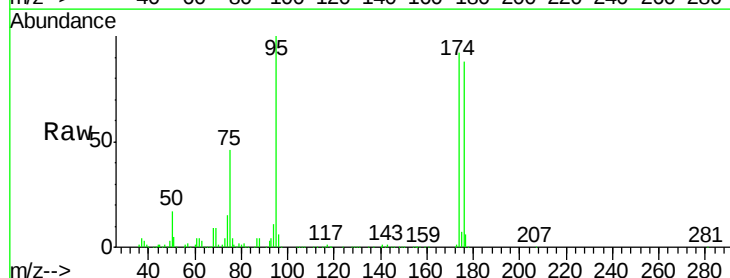
Acq: 18 Jan 2019 23:18

Tgt Ion: 75 Resp: 270164

Ion Ratio Lower Upper

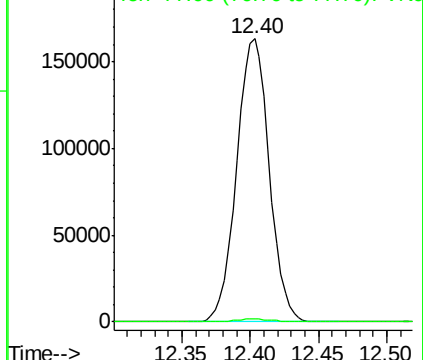
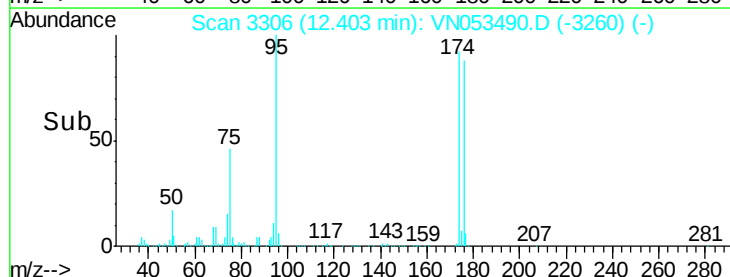
75 100

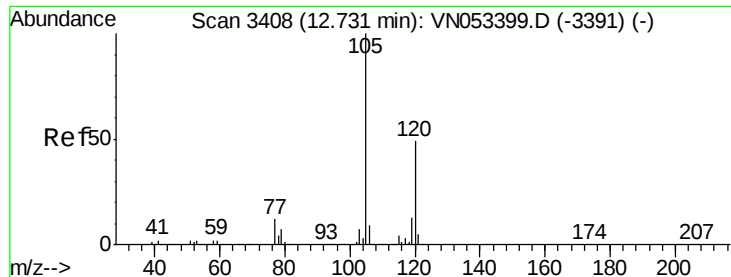
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.266 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

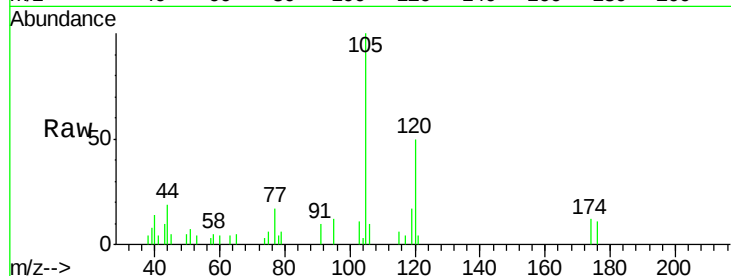
OR-03-011719-B

Tot Ion:105 Resp: 8664

Ion Ratio Lower Upper

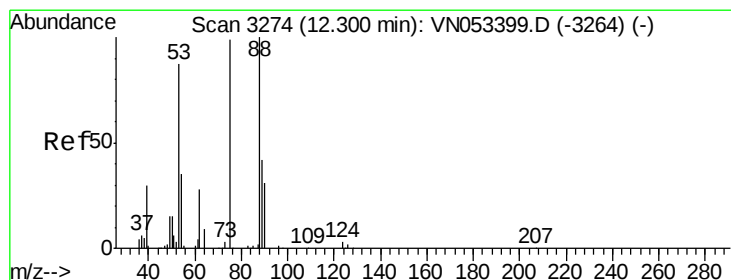
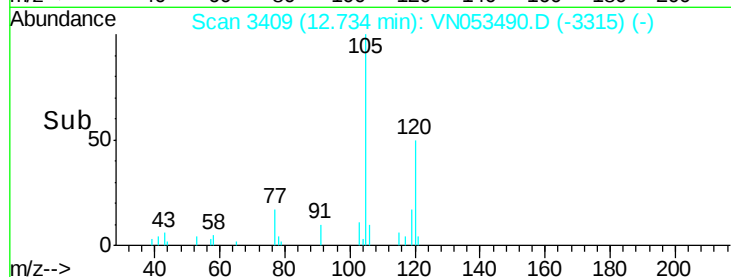
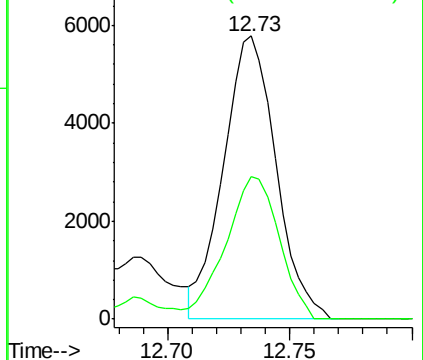
105 100

120 51.3 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: 92.581 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

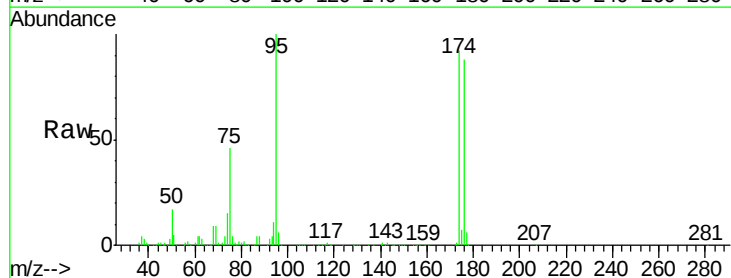
Tgt Ion: 75 Resp: 270164

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

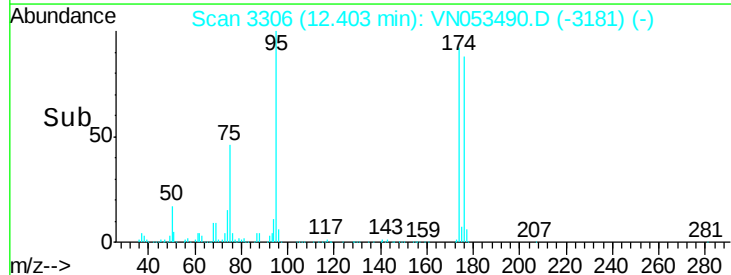
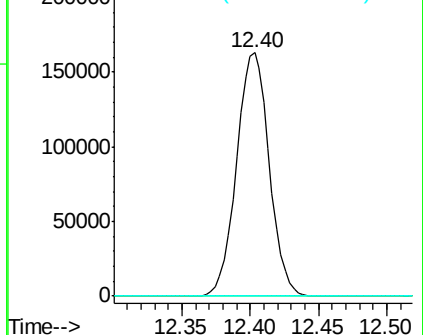
89 0.0 35.6 53.4#

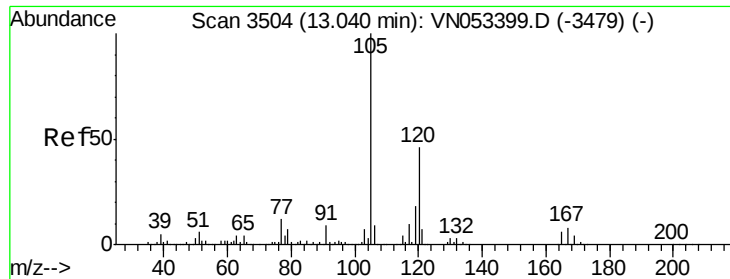


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

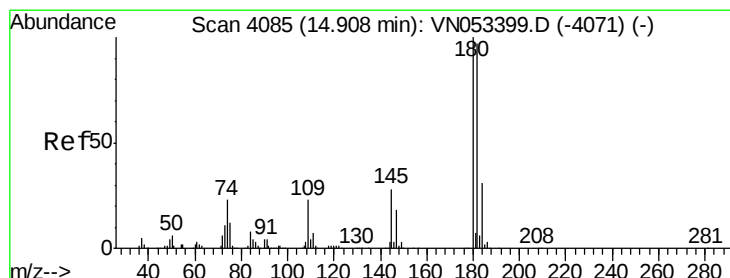
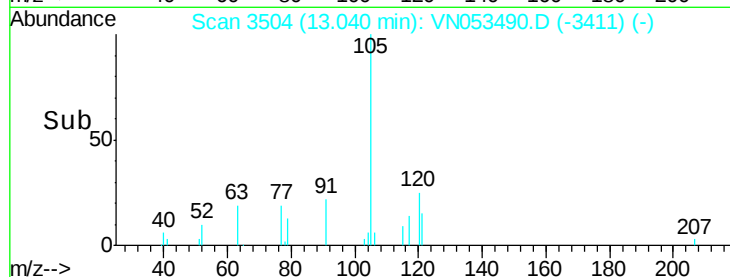
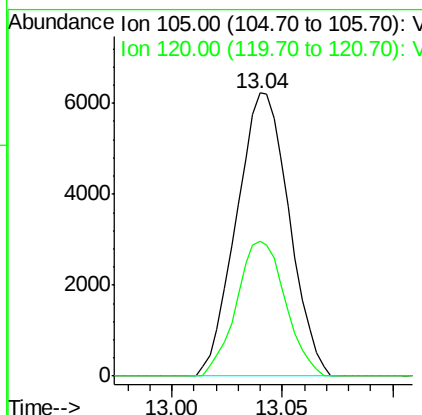
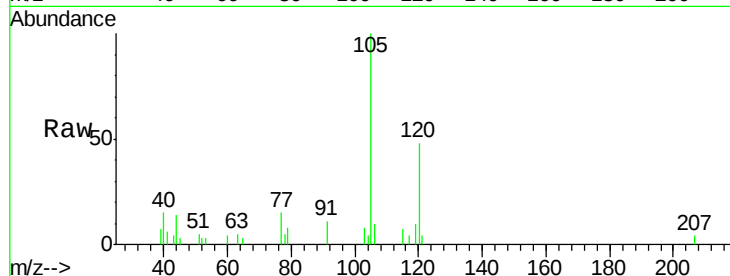




#84
 1,2,4-Trimethylbenzene
 Concen: 0.314 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053490.D
 Acq: 18 Jan 2019 23:18

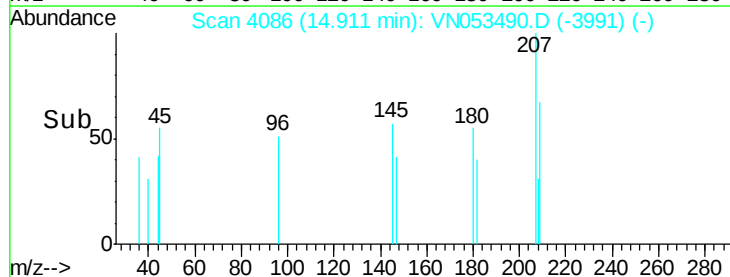
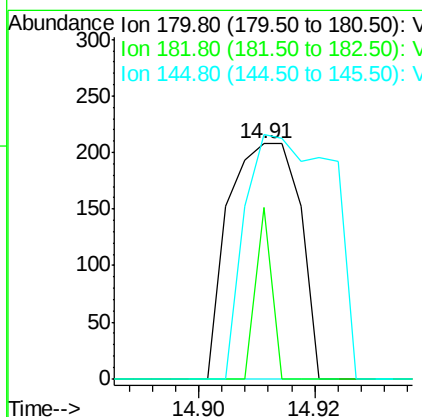
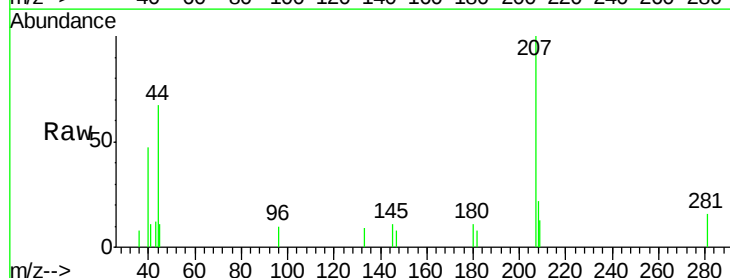
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-011719-B

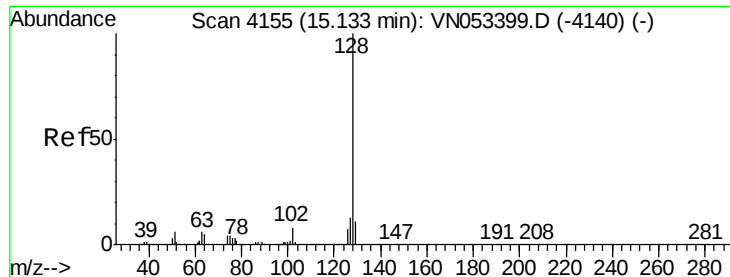
Tot Ion:105 Resp: 10327
 Ion Ratio Lower Upper
 105 100
 120 44.1 23.0 69.0



#93
 1,2,4-Trichlorobenzene
 Concen: 2.788 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053490.D
 Acq: 18 Jan 2019 23:18

Tgt Ion:180 Resp: 176
 Ion Ratio Lower Upper
 180 100
 182 16.5 48.1 144.3#
 145 127.3 13.9 41.6#





#95

Naphthalene

Concen: 4.524 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

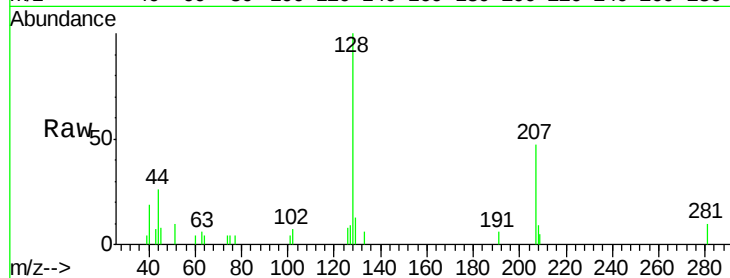
Tot Ion:128 Resp: 8402

Ion Ratio Lower Upper

128 100

127 9.2 10.3 15.5#

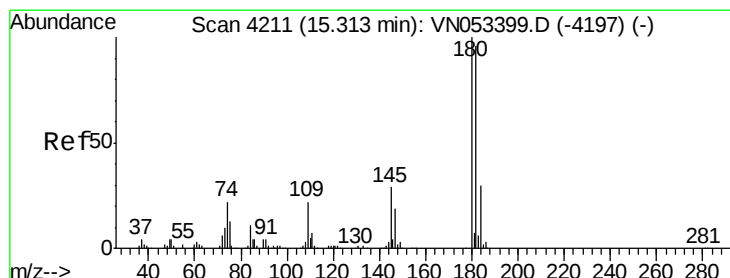
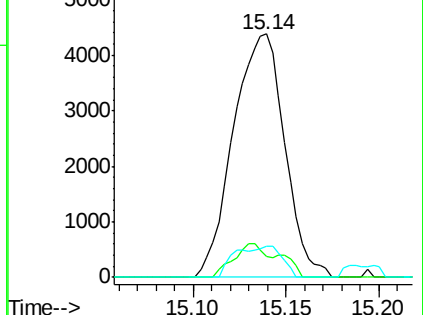
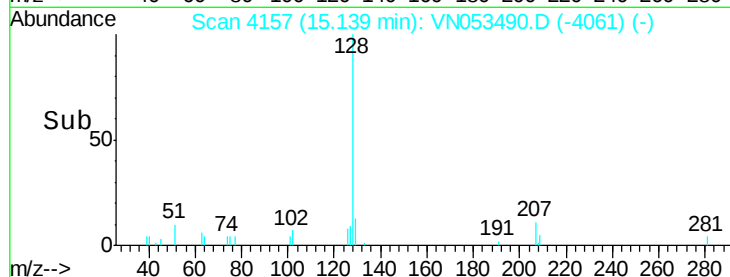
129 11.8 8.6 13.0



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: 3.910 ug/l

RT: 15.32 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

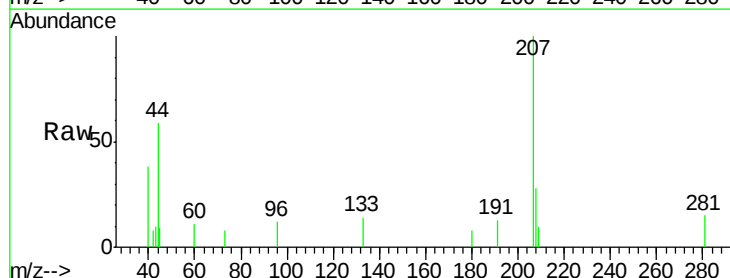
Tgt Ion:180 Resp: 33

Ion Ratio Lower Upper

180 100

182 281.8 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

