

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053491.D
 Acq On : 18 Jan 2019 23:45
 Operator : JC/SP
 Sample : K1011-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 28

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

Quant Time: Jan 19 00:27:48 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	827980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1310800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1271705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	572083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	433748	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
35) Dibromofluoromethane	7.59	113	388346	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	10.09	98	1647293	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	579764	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

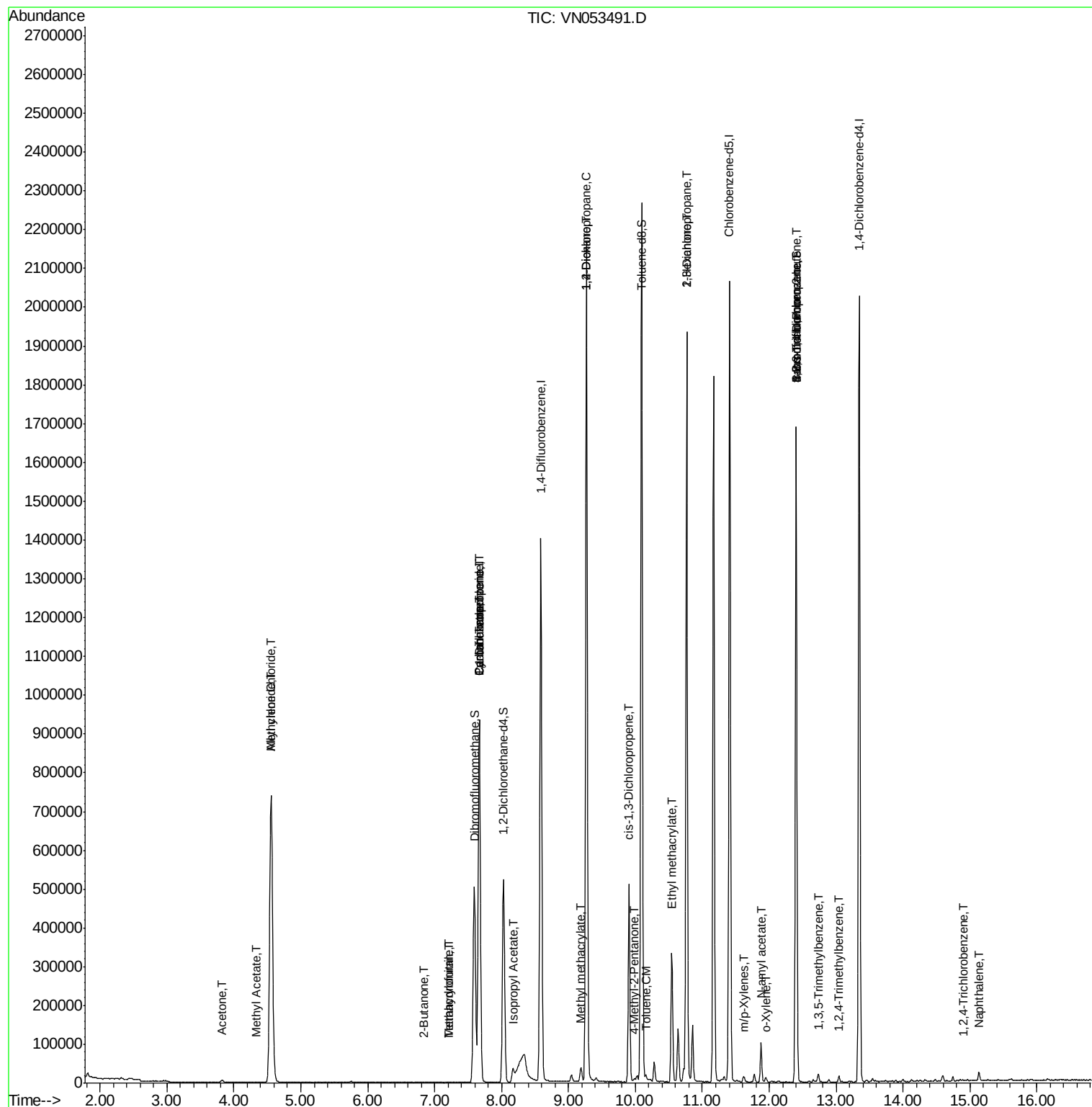
						Qvalue
14) Allyl chloride	4.55	41	21987	1.836	ug/l #	27
16) Acetone	3.82	43	12370	6.442	ug/l	96
18) Methyl Acetate	4.34	43	3293	0.509	ug/l #	67
20) Methylene Chloride	4.56	84	590905	67.408	ug/l	99
25) 2-Butanone	6.84	43	2264	0.765	ug/l #	47
29) Tetrahydrofuran	7.21	42	568	0.295	ug/l #	81
31) Cyclohexane	7.67	56	13593	0.725	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	52867	4.429	ug/l #	49
38) Carbon Tetrachloride	7.67	117	72313	6.398	ug/l #	16
41) Methacrylonitrile	7.20	41	153	0.704	ug/l #	20
43) Isopropyl Acetate	8.17	43	44130	3.573	ug/l #	81
45) 1,2-Dichloropropane	9.26	63	2598	0.270	ug/l #	43
48) Methyl methacrylate	9.18	41	13618	2.136	ug/l #	12
49) 1,4-Dioxane	9.26	88	171	2.746	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5522	0.819	ug/l	94
52) Toluene	10.16	92	6610	0.294	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	94326	6.838	ug/l #	61
56) Ethyl methacrylate	10.54	69	1359	2.176	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	20249	1.508	ug/l #	43
59) 2-Hexanone	10.77	43	268831	56.805	ug/l #	51
68) m/p-Xylenes	11.62	106	4772	0.276	ug/l	98
69) o-Xylene	11.95	106	3410	0.203	ug/l	91
71) Bromoform	12.40	173	4444	0.689	ug/l #	1
74) N-amyl acetate	11.88	43	30031	2.689	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	271003	35.947	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8859	0.260	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	271003	88.897	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	9563	0.278	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	295	2.802	ug/l #	72
95) Naphthalene	15.13	128	19929	5.266	ug/l	99

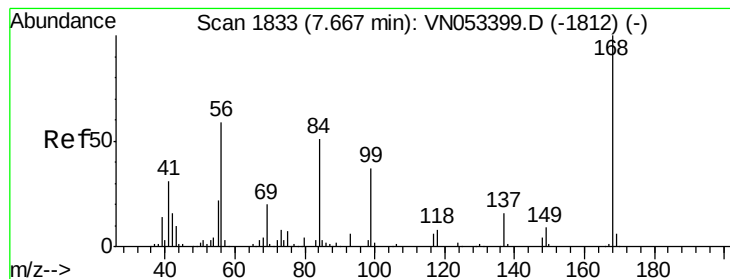
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 16 03:10:53 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

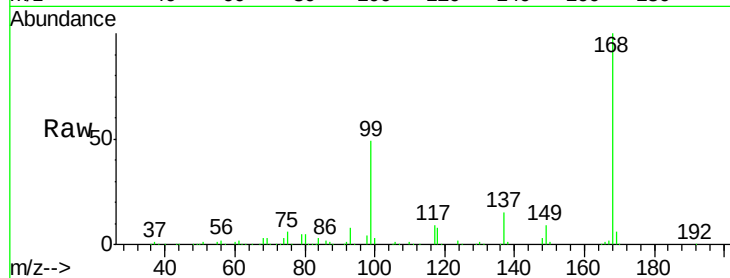
OR-03-011719-A

Tot Ion:168 Resp: 827980

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

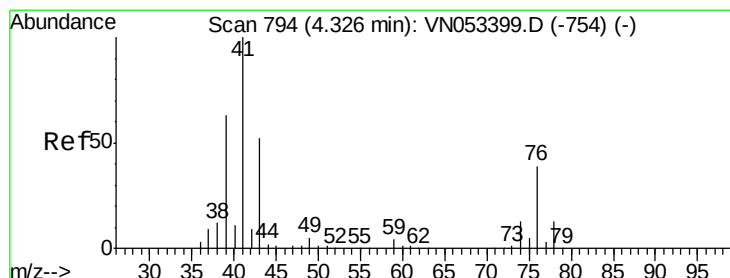
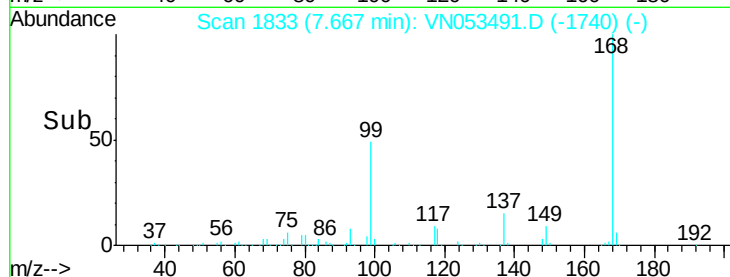
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 1.836 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

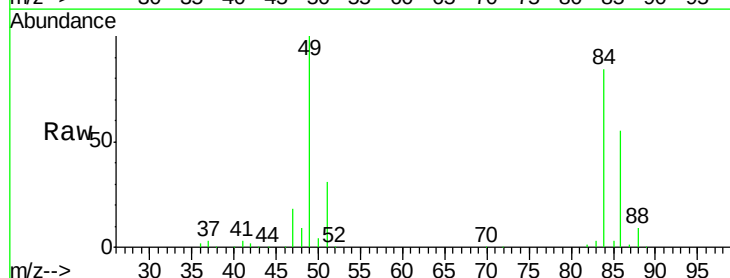
Tgt Ion: 41 Resp: 21987

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

76 0.0 29.4 44.2#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.55

10000

8000

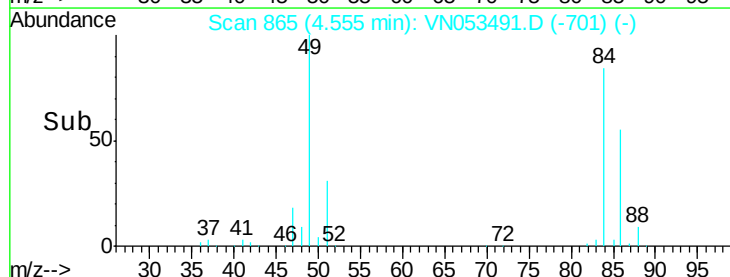
6000

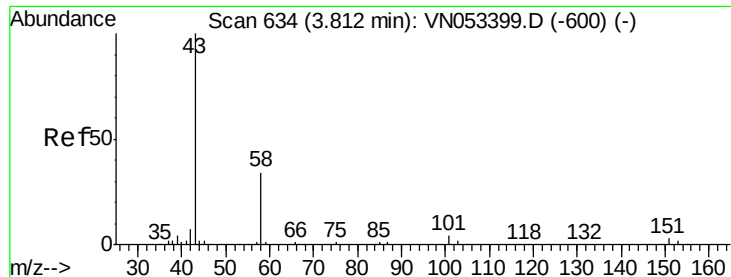
4000

2000

0

Time-->





#16

Acetone

Concen: 6.442 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

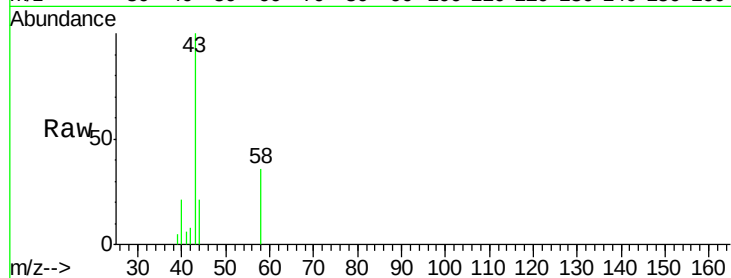
OR-03-011719-A

Tot Ion: 43 Resp: 12370

Ion Ratio Lower Upper

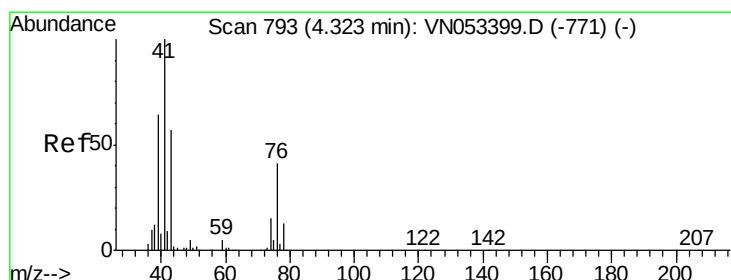
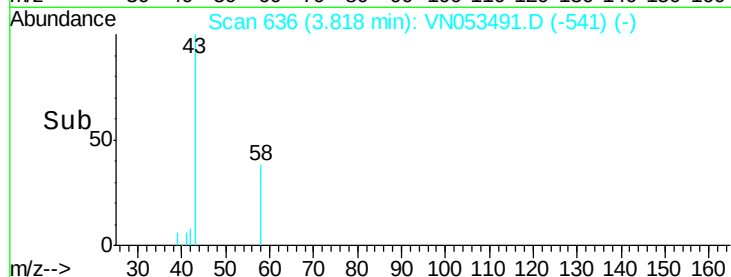
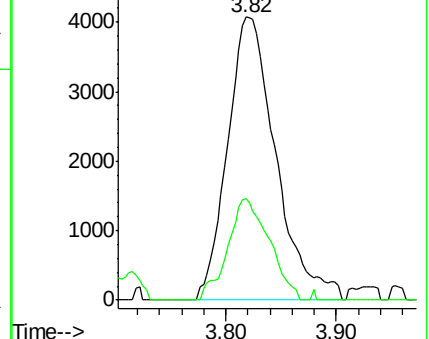
43 100

58 36.0 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: 0.509 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053491.D

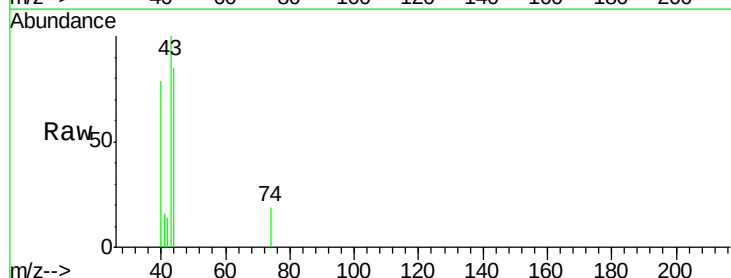
Acq: 18 Jan 2019 23:45

Tgt Ion: 43 Resp: 3293

Ion Ratio Lower Upper

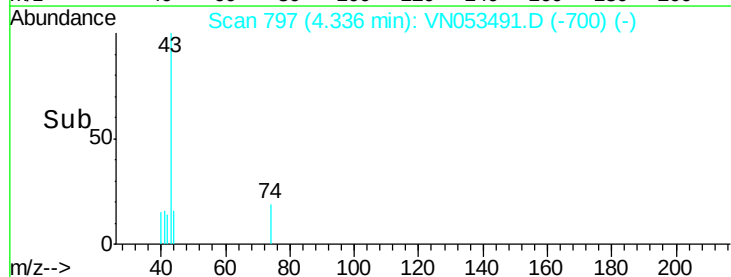
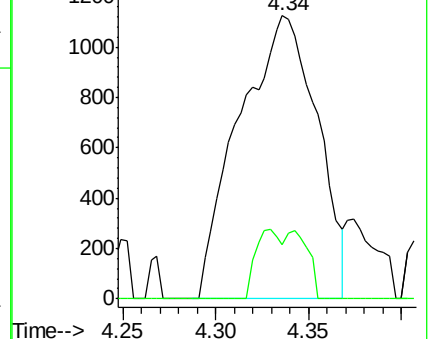
43 100

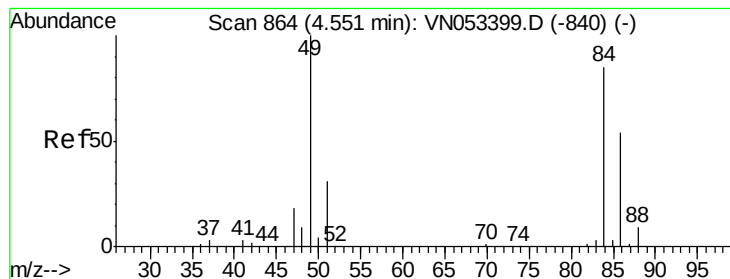
74 8.1 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 67.408 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-A

Tot Ion: 84 Resp: 590905

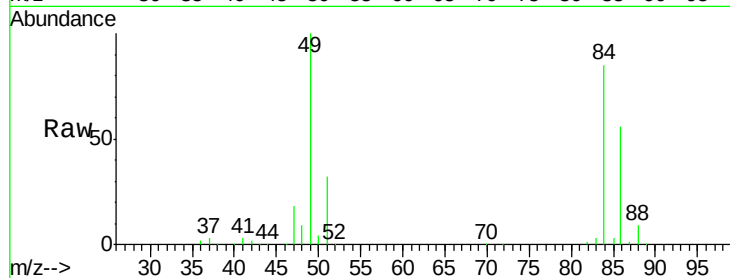
Ion Ratio Lower Upper

84 100

49 117.9 94.3 141.5

51 37.8 29.4 44.2

86 65.5 51.4 77.0

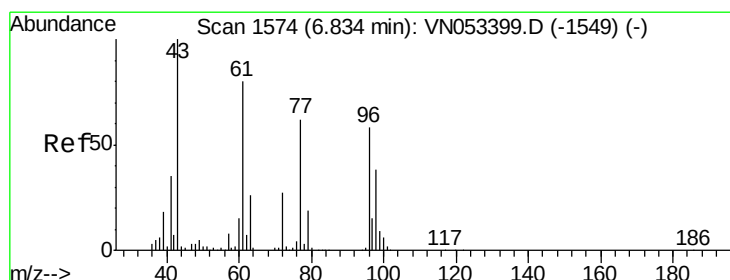
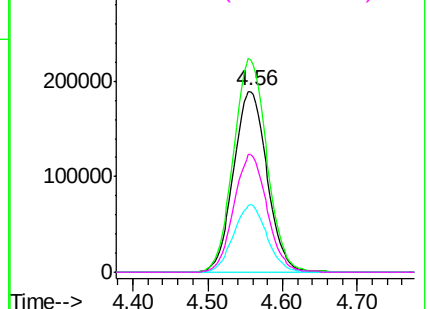
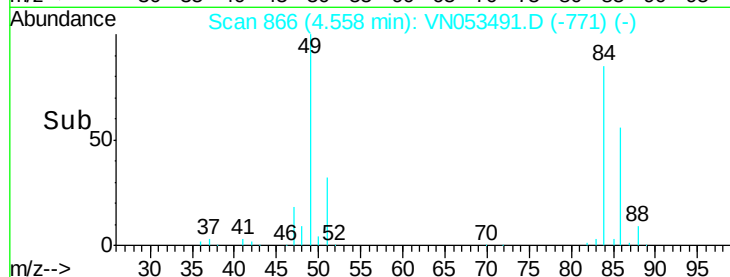


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.765 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN053491.D

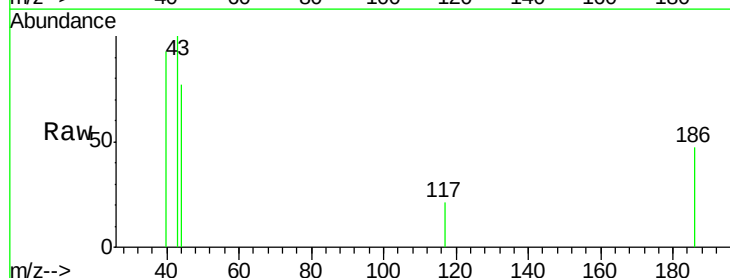
Acq: 18 Jan 2019 23:45

Tgt Ion: 43 Resp: 2264

Ion Ratio Lower Upper

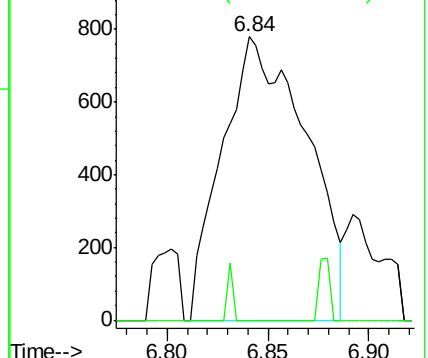
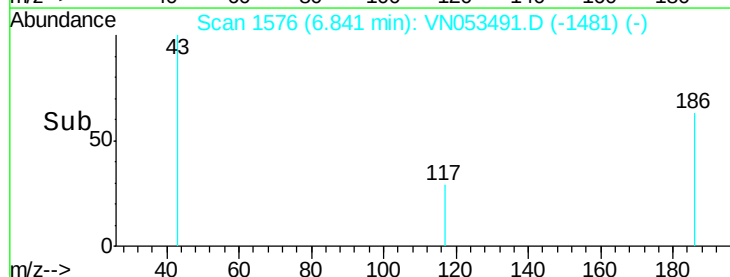
43 100

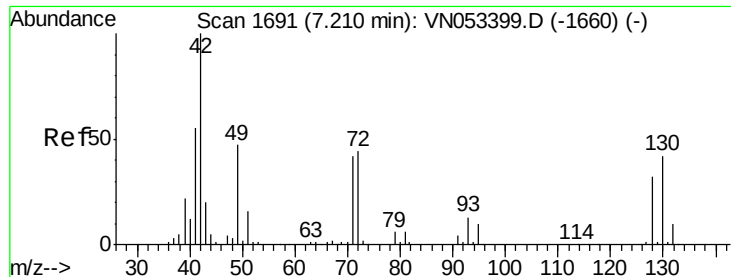
72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.295 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

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ClientSampleId :

OR-03-011719-A

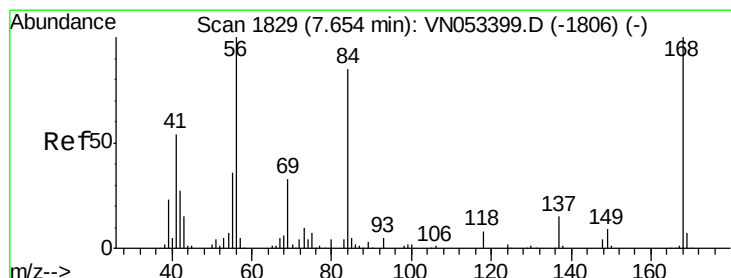
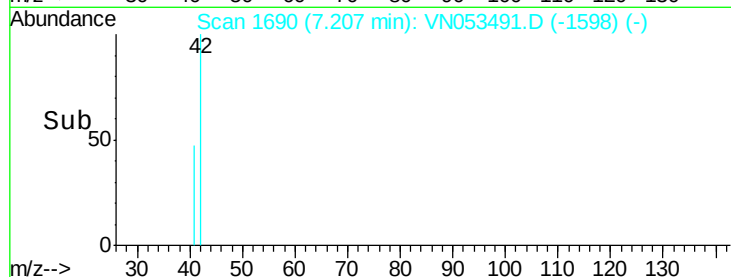
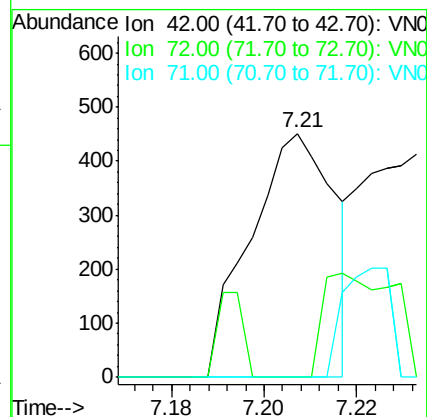
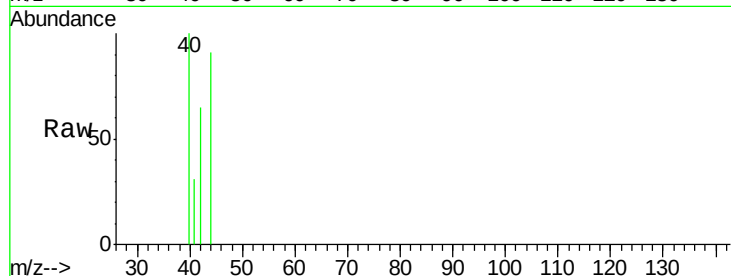
Tot Ion: 42 Resp: 568

Ion Ratio Lower Upper

42 100

72 35.9 35.2 52.8

71 25.4 33.0 49.4#



#31

Cyclohexane

Concen: 0.725 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

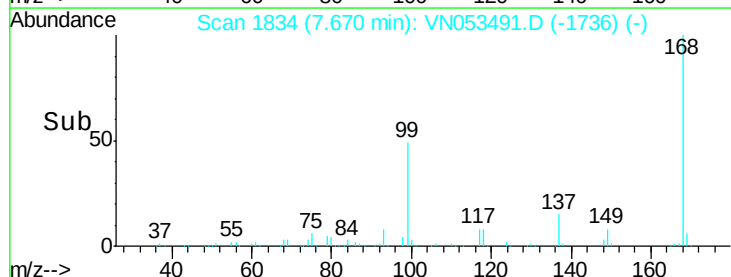
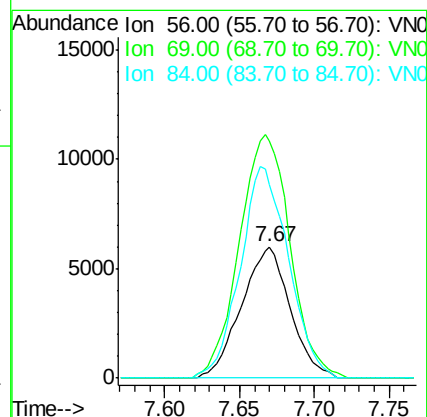
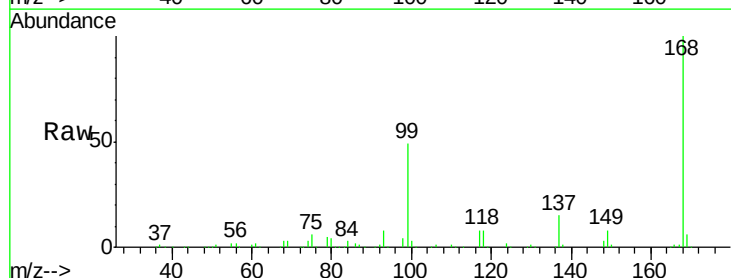
Tgt Ion: 56 Resp: 13593

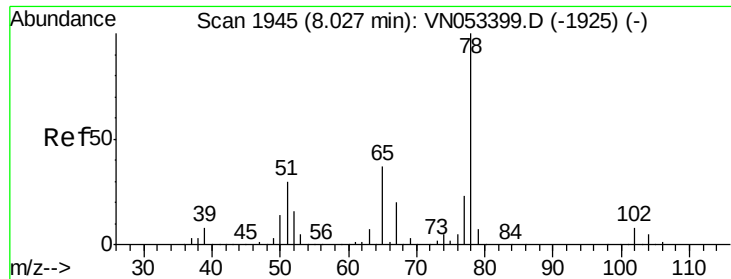
Ion Ratio Lower Upper

56 100

69 180.9 26.4 39.6#

84 147.9 67.9 101.9#

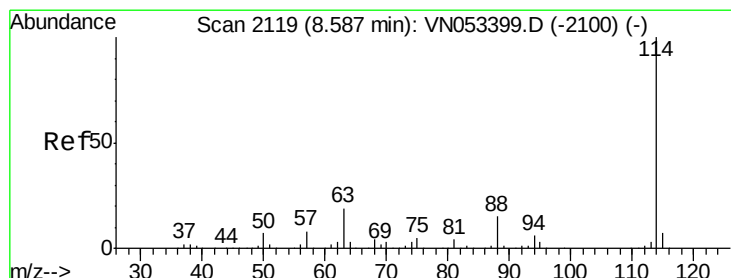
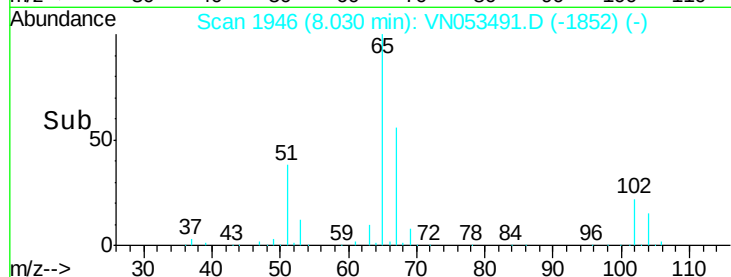
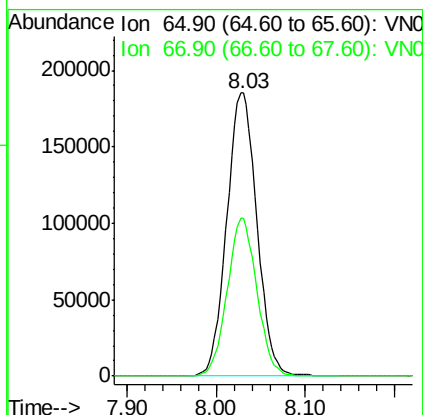
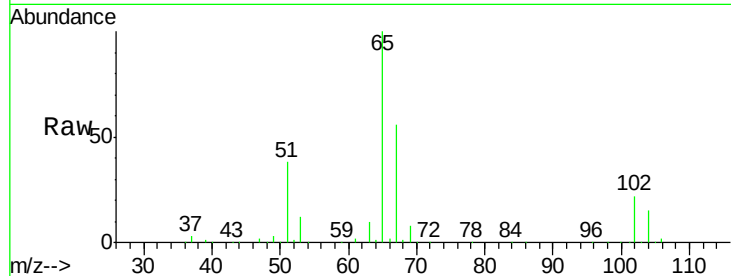




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053491.D
 Acq: 18 Jan 2019 23:45

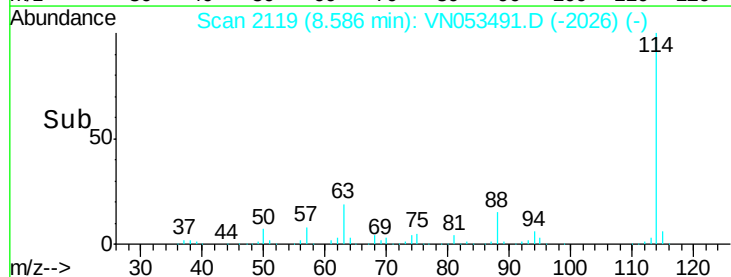
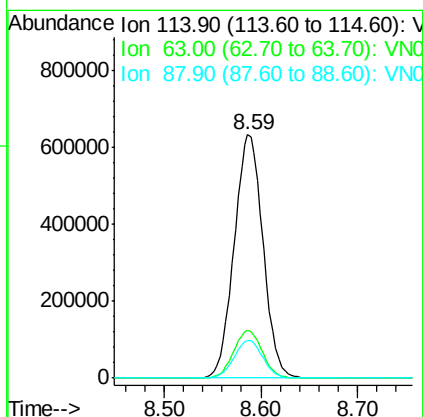
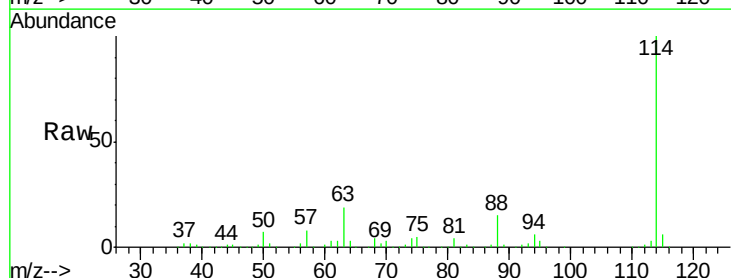
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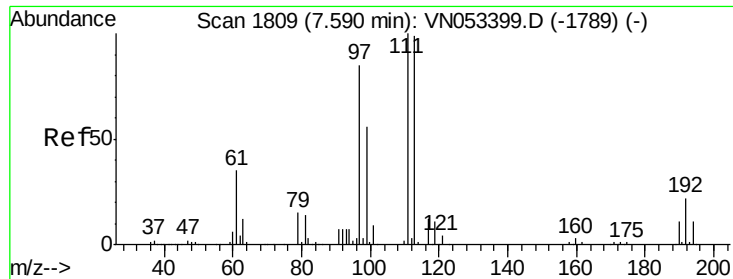
Tot Ion: 65 Resp: 433748
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053491.D
 Acq: 18 Jan 2019 23:45

Tgt Ion: 114 Resp: 1310800
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.3 0.0 30.4

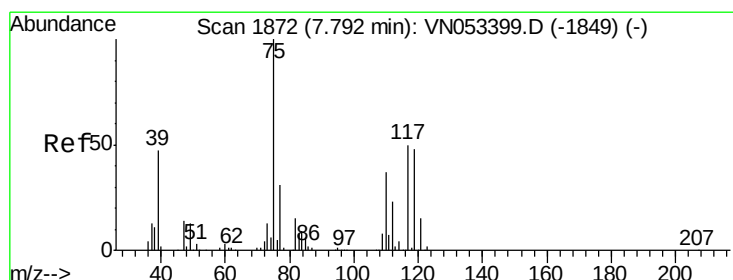
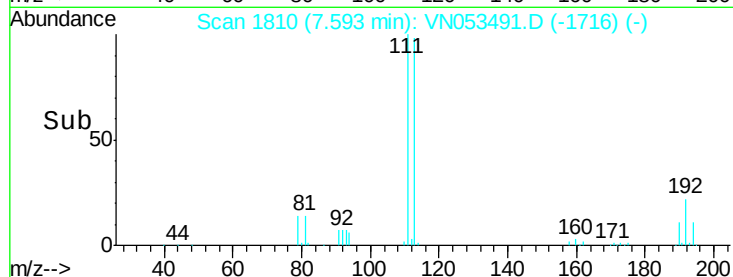
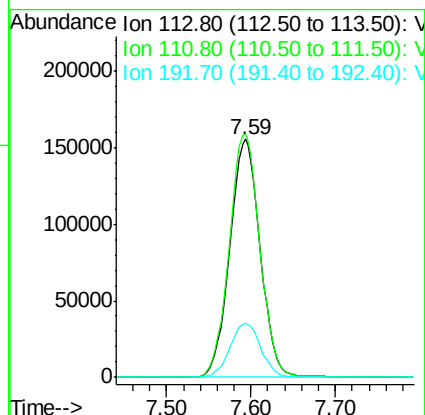
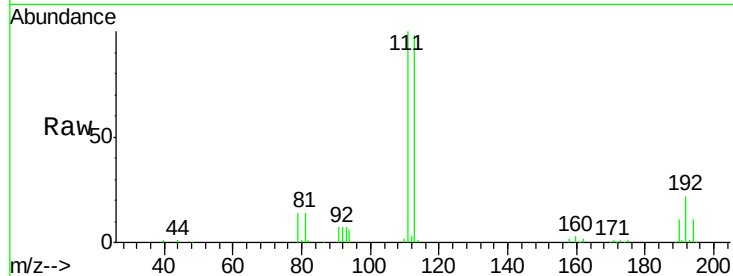




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053491.D
 Acq: 18 Jan 2019 23:45

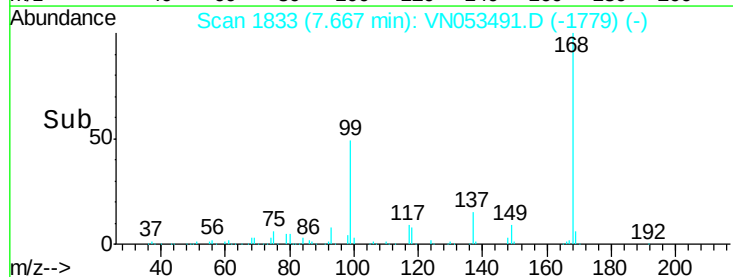
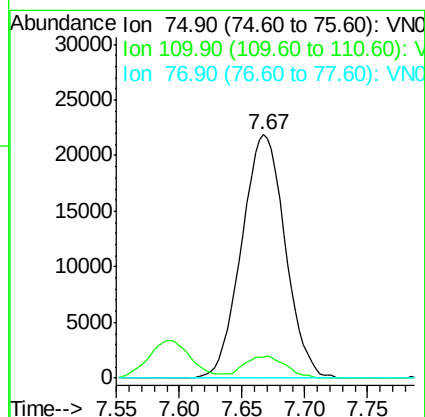
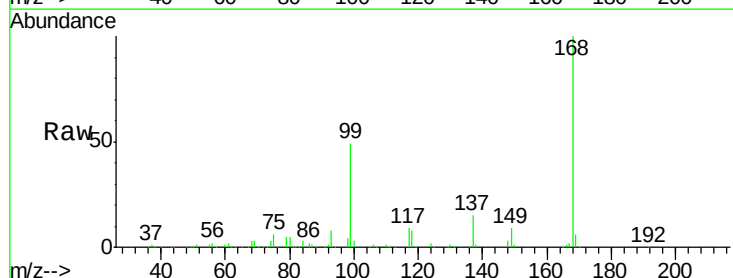
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-011719-A

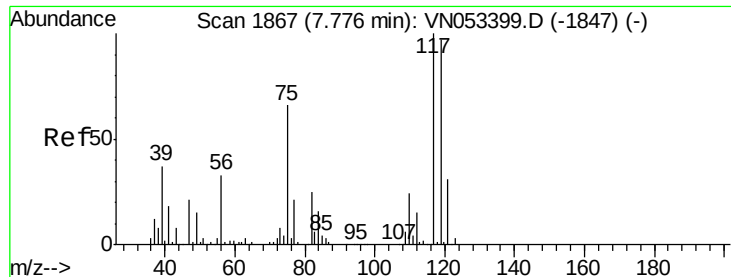
Tot Ion:113 Resp: 388346
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.1 121.7
 192 23.2 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.429 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053491.D
 Acq: 18 Jan 2019 23:45

Tgt Ion: 75 Resp: 52867
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.1 54.3#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.398 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-A

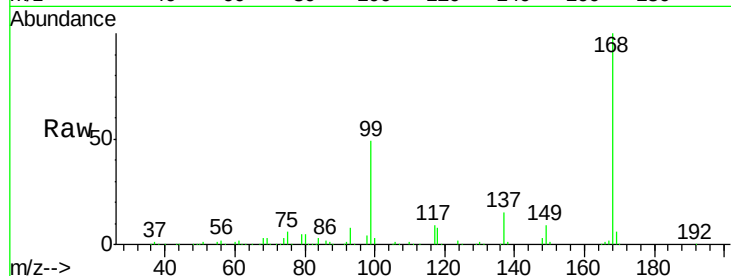
Tot Ion:117 Resp: 72313

Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

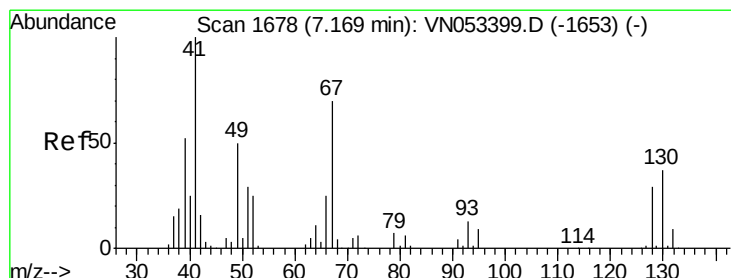
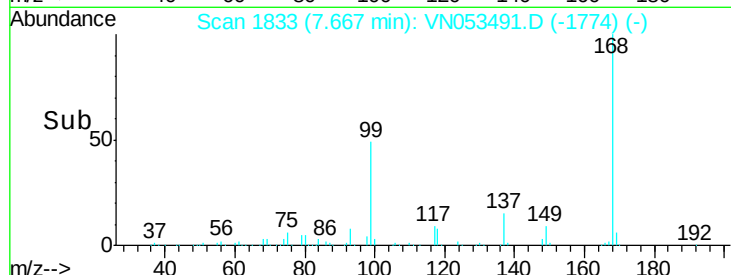
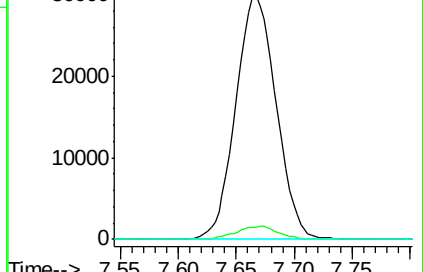
121 0.0 24.6 37.0#



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: 0.704 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.04 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Tgt Ion: 41 Resp: 153

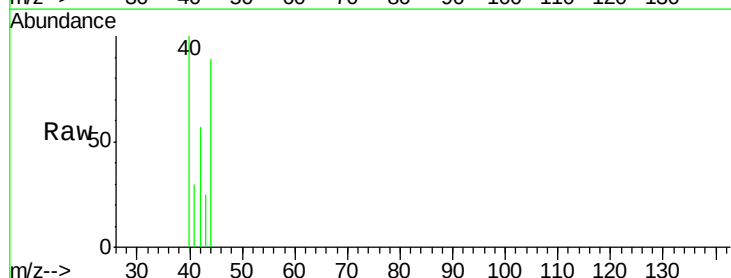
Ion Ratio Lower Upper

41 100

39 0.0 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

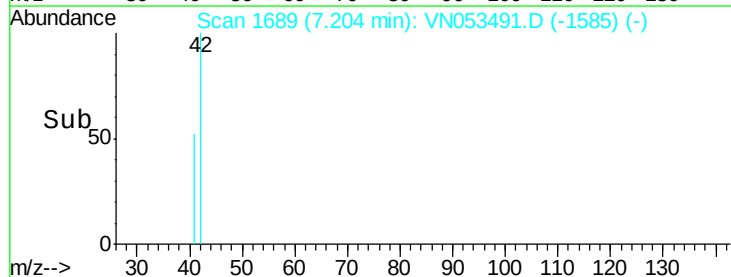
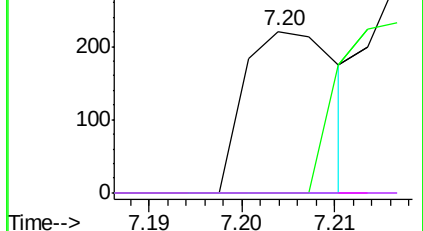


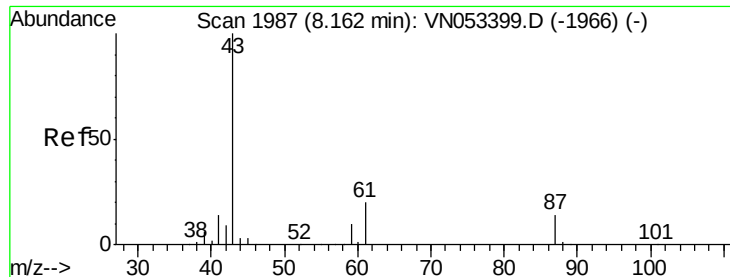
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 3.573 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-A

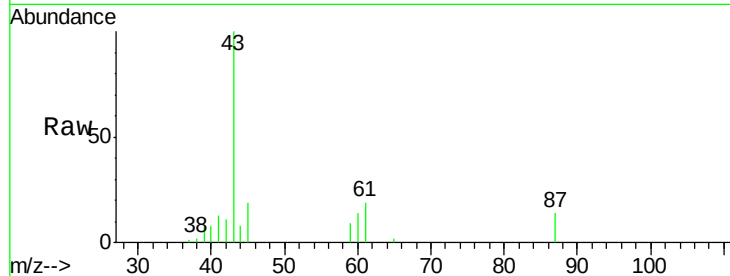
Tot Ion: 43 Resp: 44130

Ion Ratio Lower Upper

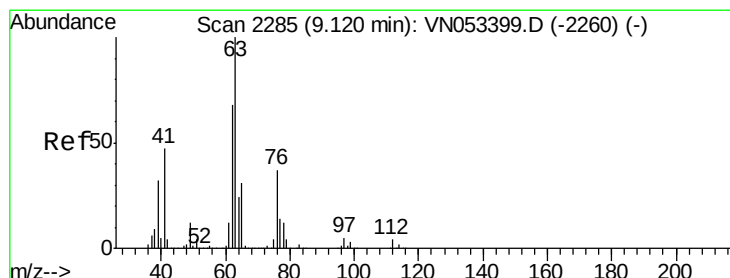
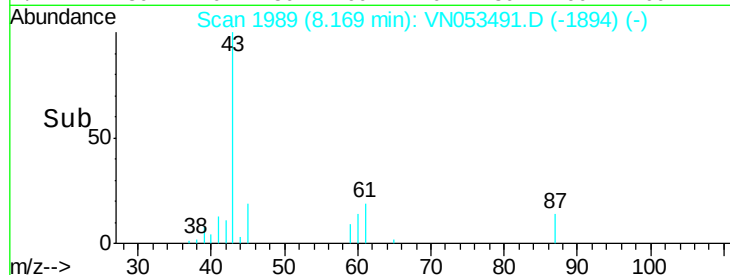
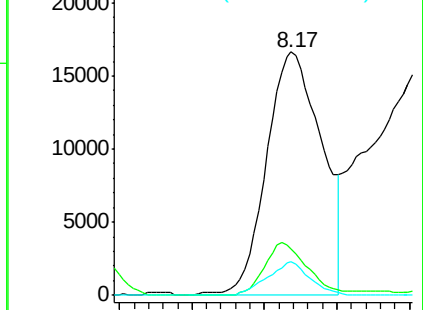
43 100

61 17.0 23.9 35.9#

87 10.5 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#45

1,2-Dichloropropane

Concen: 0.270 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053491.D

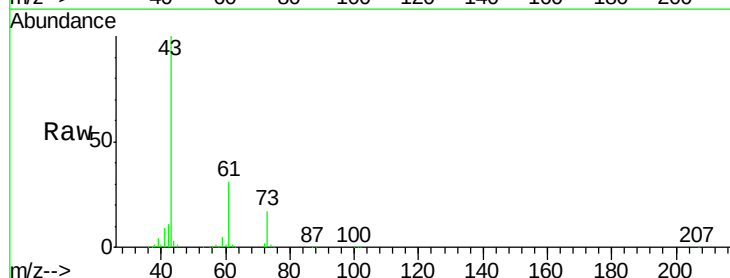
Acq: 18 Jan 2019 23:45

Tgt Ion: 63 Resp: 2598

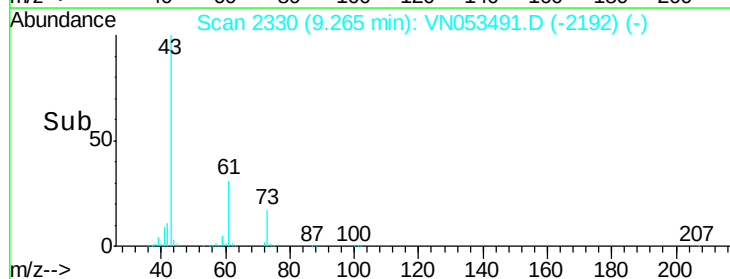
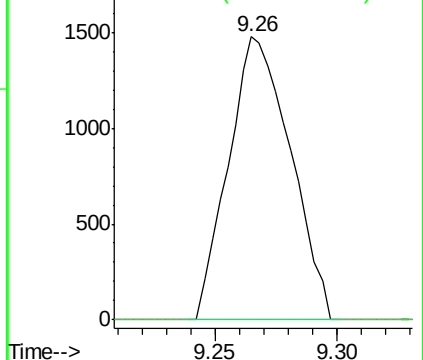
Ion Ratio Lower Upper

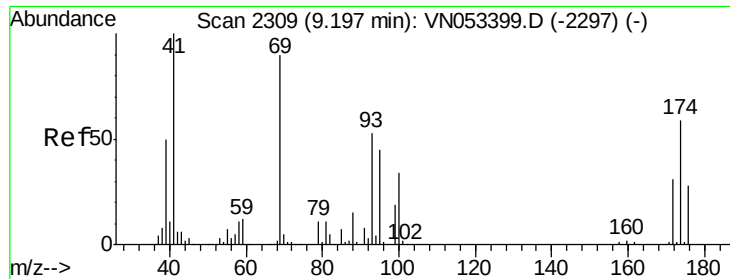
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO

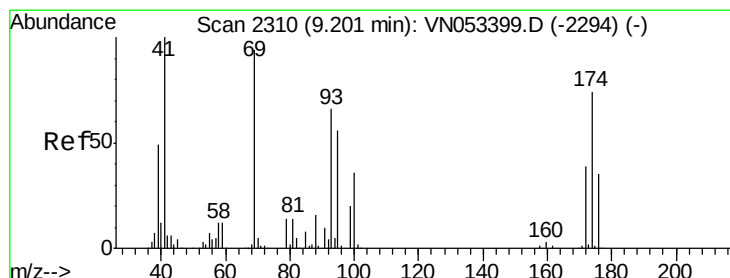
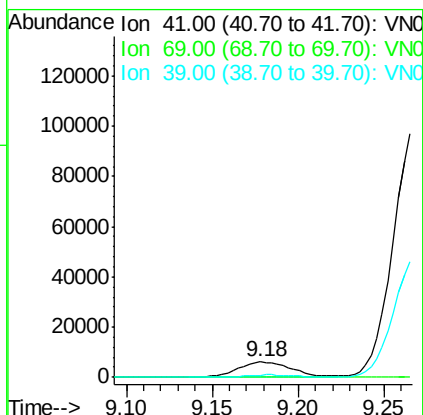
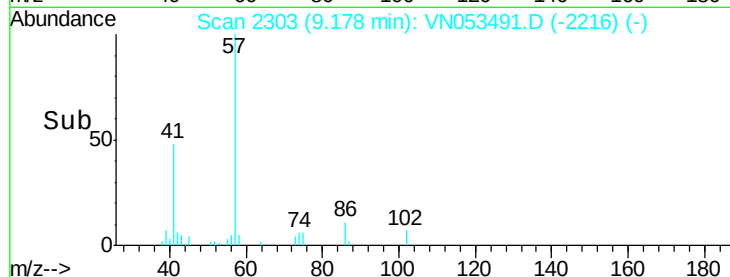
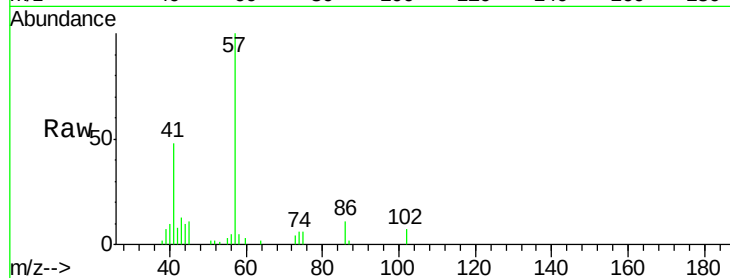




#48
Methvl methacrylate
Concen: 2.136 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

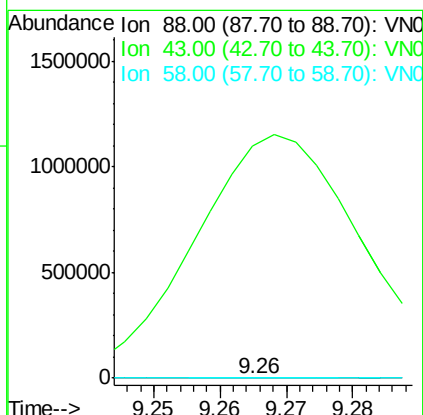
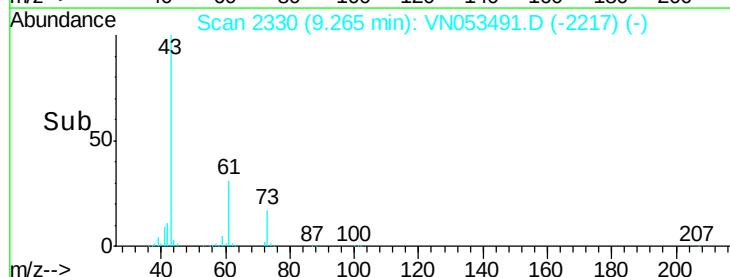
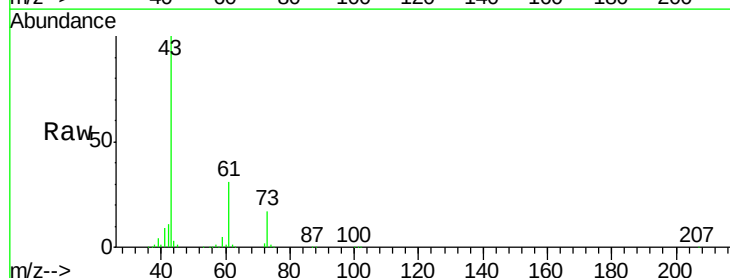
Instrument :
MSVOA_N
ClientSampleId :
OR-03-011719-A

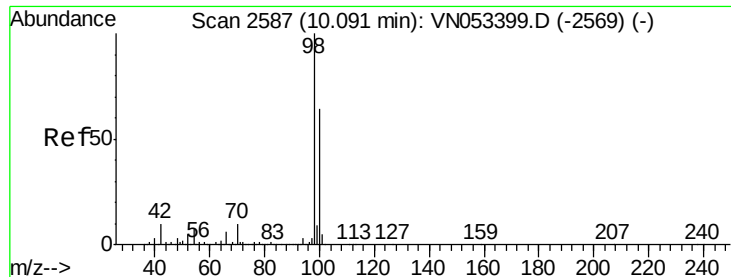
Tot Ion: 41 Resp: 13618
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#49
1,4-Dioxane
Concen: 2.746 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

Tgt Ion: 88 Resp: 171
Ion Ratio Lower Upper
88 100
43 1222024.0 27.8 41.6#
58 5630.4 56.5 84.7#





#50

Toluene-d8

Concen: 2.746 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

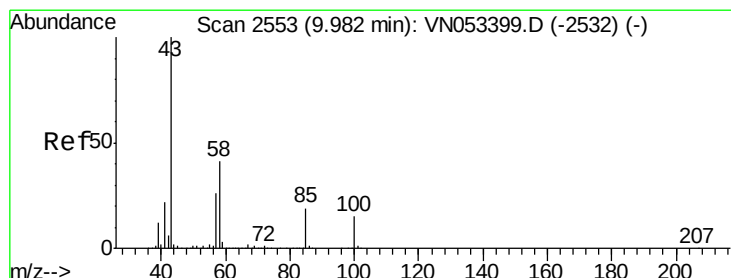
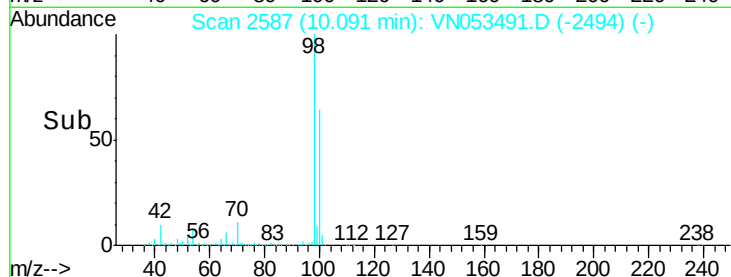
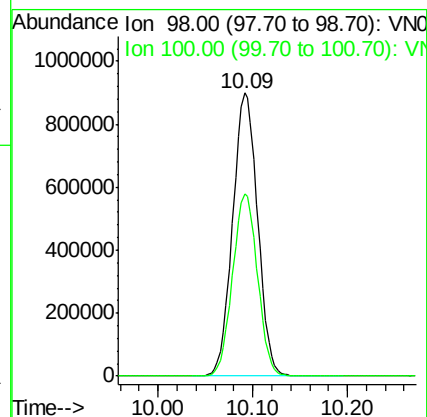
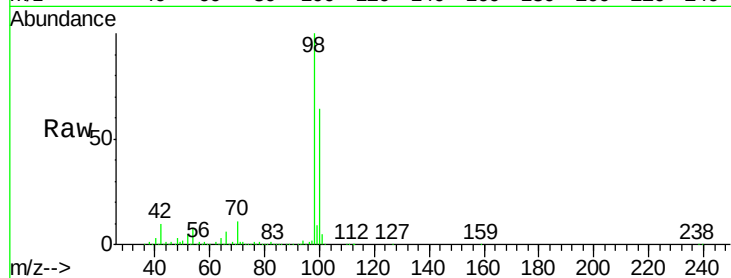
OR-03-011719-A

Tot Ion: 98 Resp: 1647293

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.819 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN053491.D

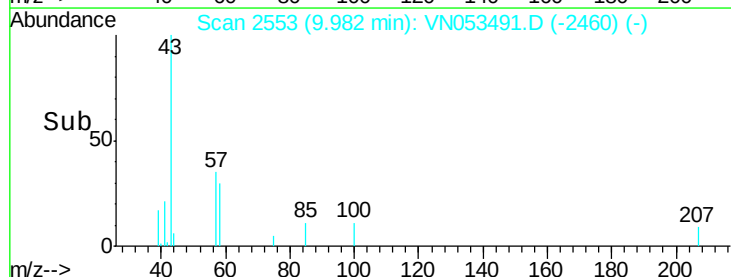
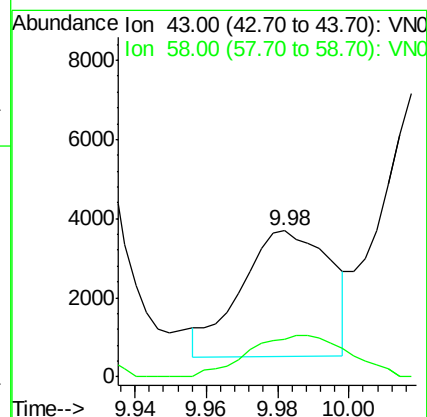
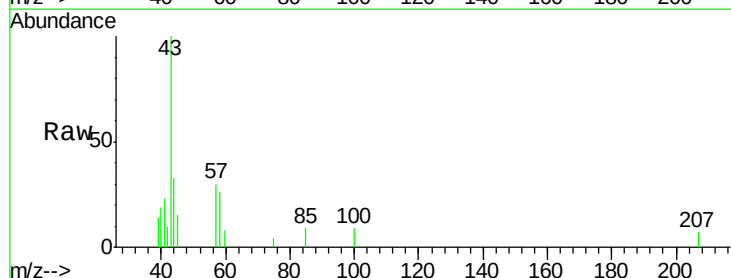
Acq: 18 Jan 2019 23:45

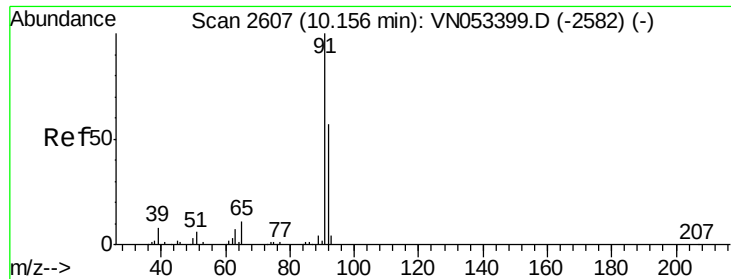
Tgt Ion: 43 Resp: 5522

Ion Ratio Lower Upper

43 100

58 37.1 32.8 49.2





#52

Toluene

Concen: 0.294 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

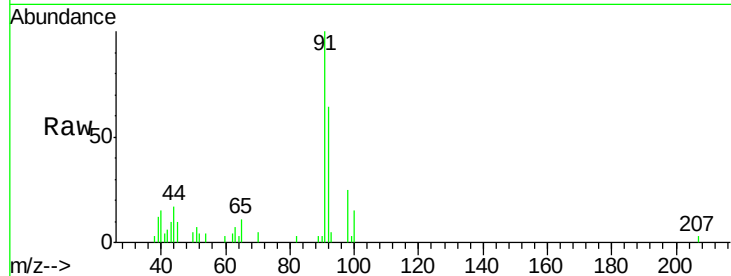
OR-03-011719-A

Tot Ion: 92 Resp: 6610

Ion Ratio Lower Upper

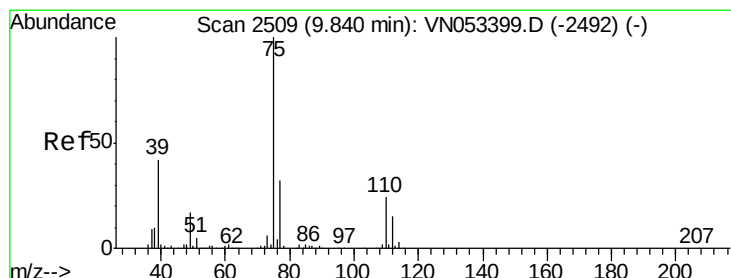
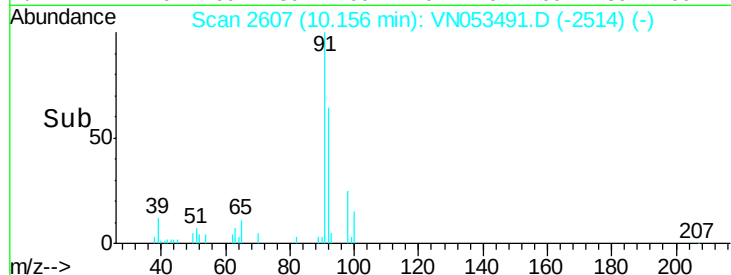
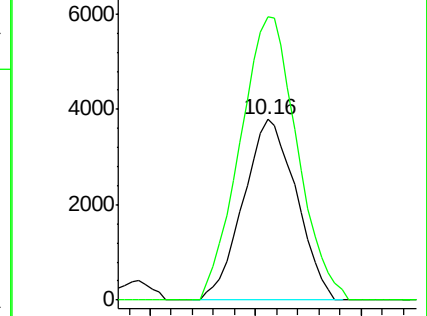
92 100

91 169.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.838 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

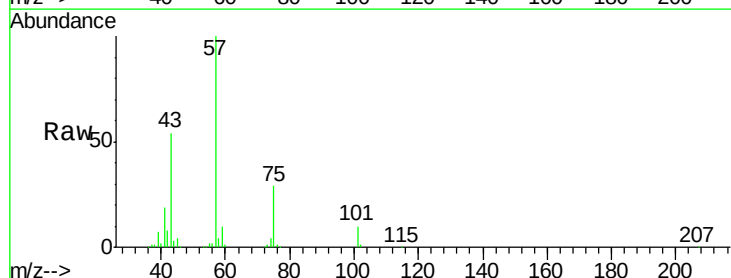
Tgt Ion: 75 Resp: 94326

Ion Ratio Lower Upper

75 100

77 0.7 25.8 38.6#

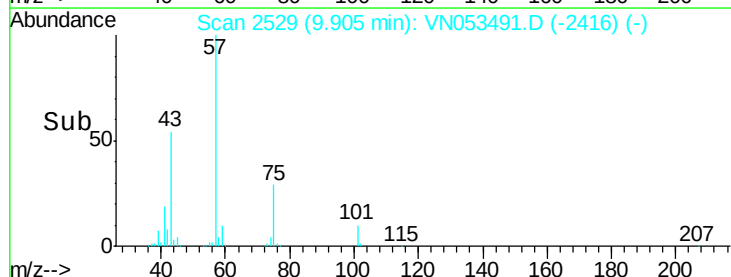
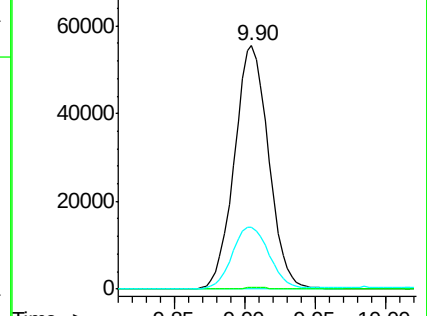
39 25.4 33.4 50.0#

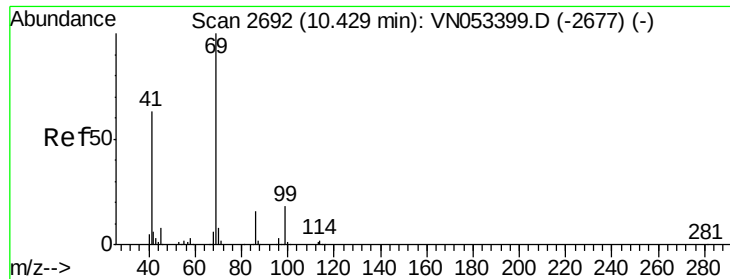


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.176 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-A

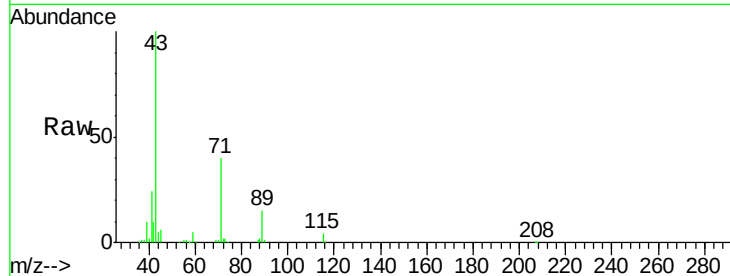
Tot Ion: 69 Resp: 1359

Ion Ratio Lower Upper

69 100

41 4464.9 49.4 74.0#

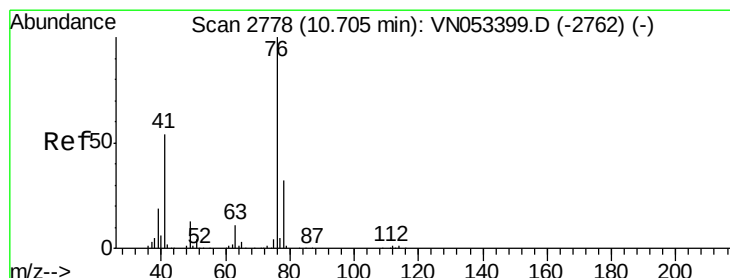
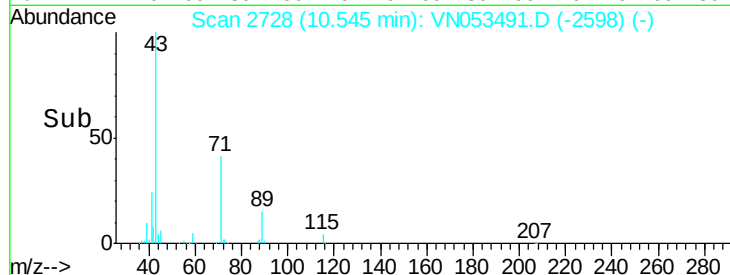
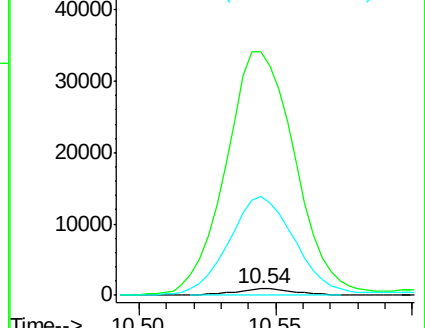
39 1753.5 23.3 34.9#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.508 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053491.D

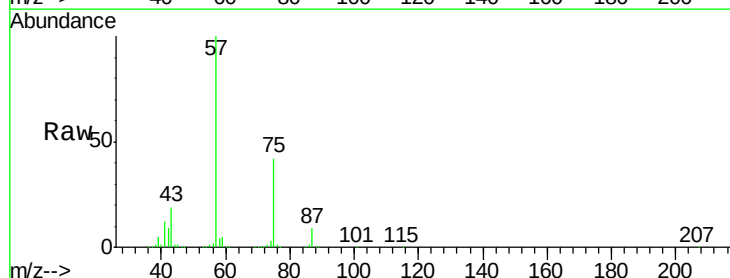
Acq: 18 Jan 2019 23:45

Tgt Ion: 76 Resp: 20249

Ion Ratio Lower Upper

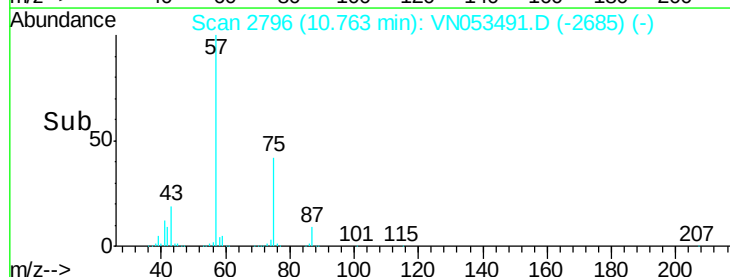
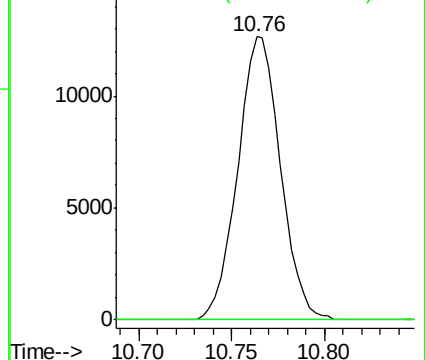
76 100

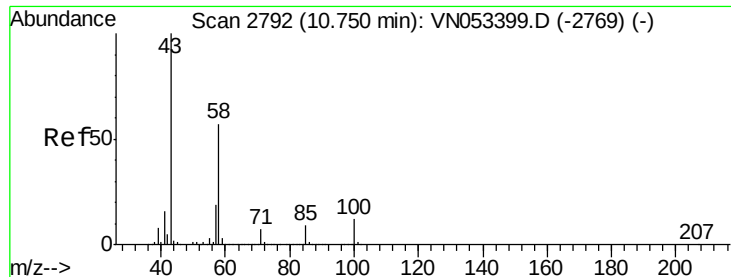
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

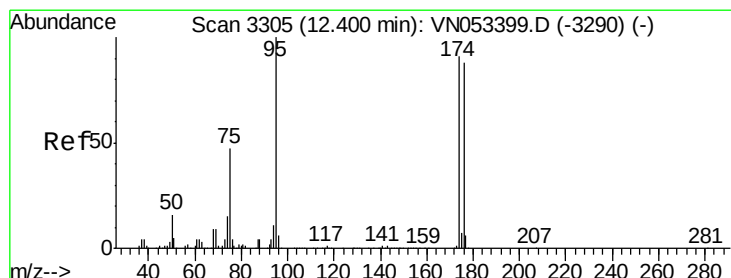
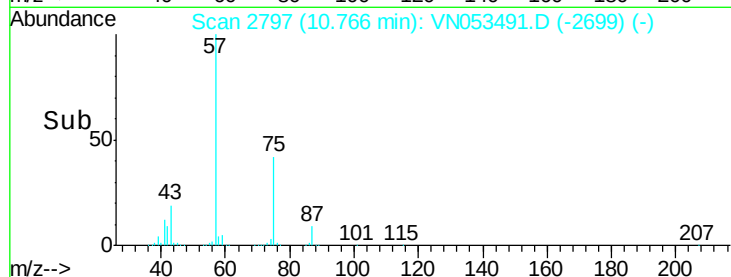
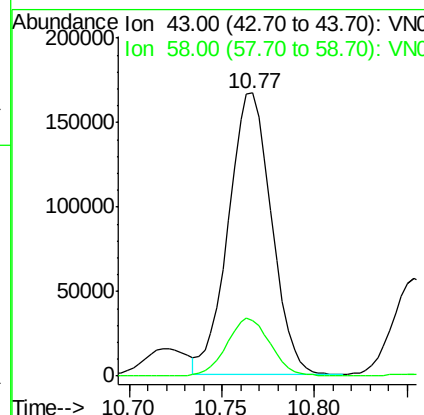
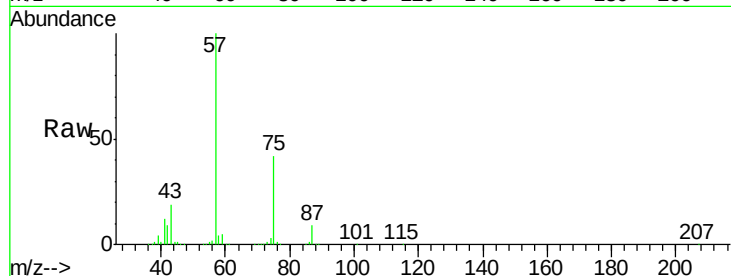




#59
2-Hexanone
Concen: 56.805 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

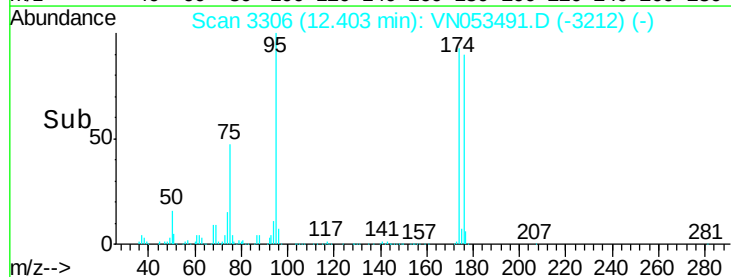
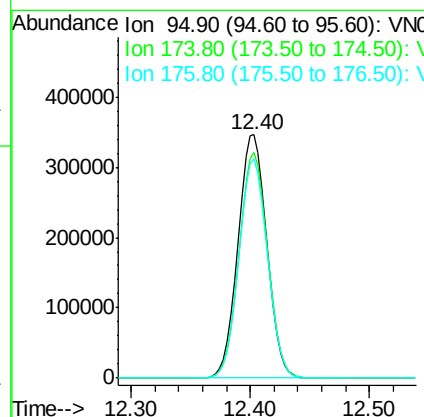
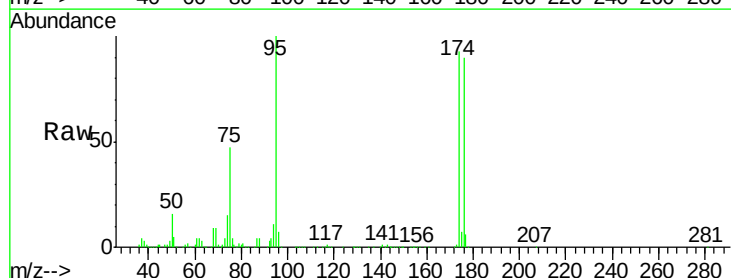
Instrument :
MSVOA_N
ClientSampleId :
OR-03-011719-A

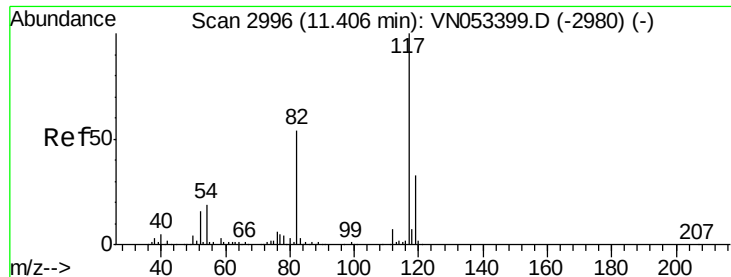
Tot Ion: 43 Resp: 268831
Ion Ratio Lower Upper
43 100
58 21.0 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

Tgt Ion: 95 Resp: 579764
Ion Ratio Lower Upper
95 100
174 92.3 0.0 183.2
176 89.3 0.0 177.4

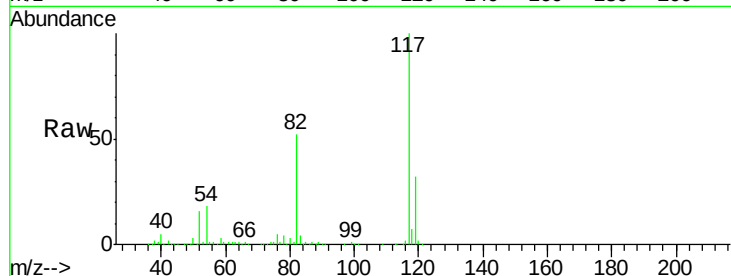




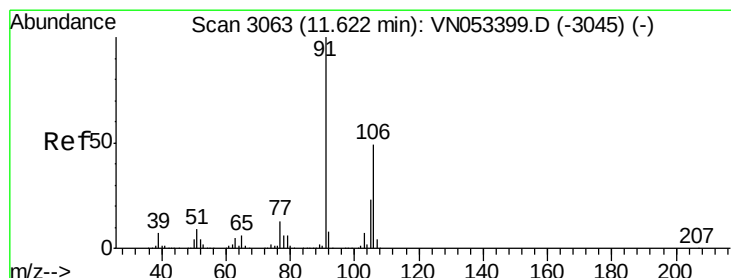
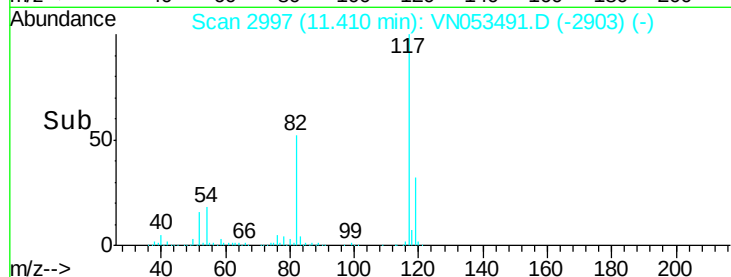
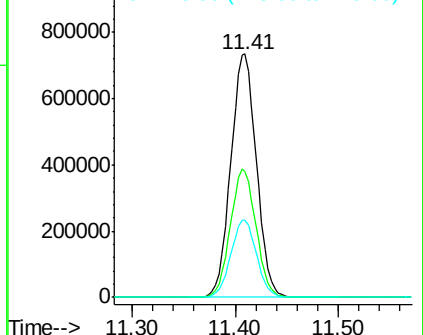
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

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

Tot Ion:117 Resp: 1271705
Ion Ratio Lower Upper
117 100
82 52.0 42.9 64.3
119 31.8 26.0 39.0

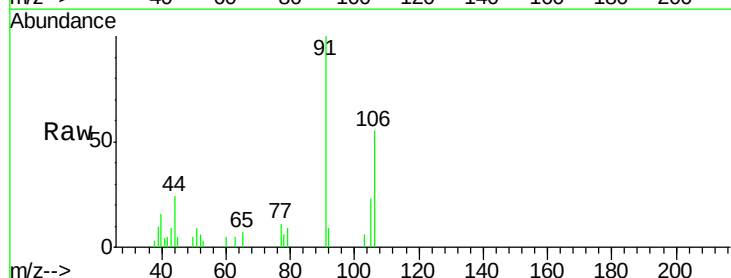


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

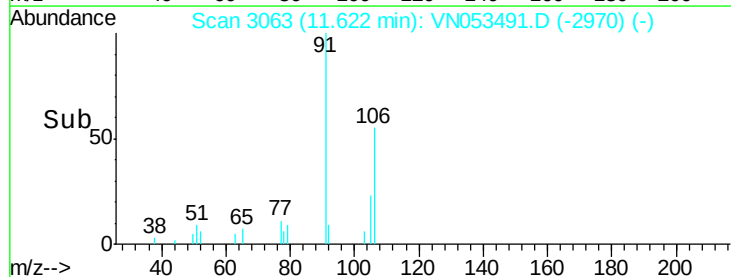
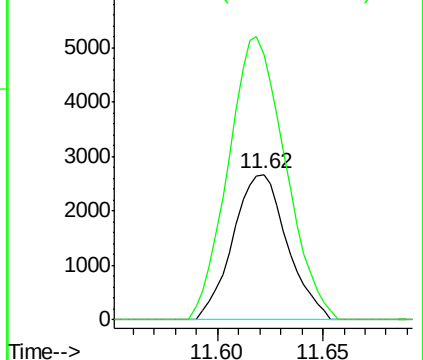


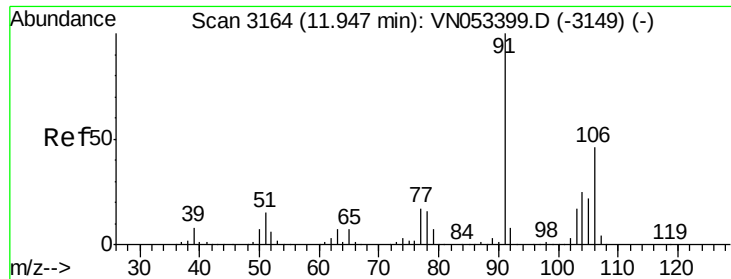
#68
m/p-Xylenes
Concen: 0.276 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

Tgt Ion:106 Resp: 4772
Ion Ratio Lower Upper
106 100
91 204.5 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

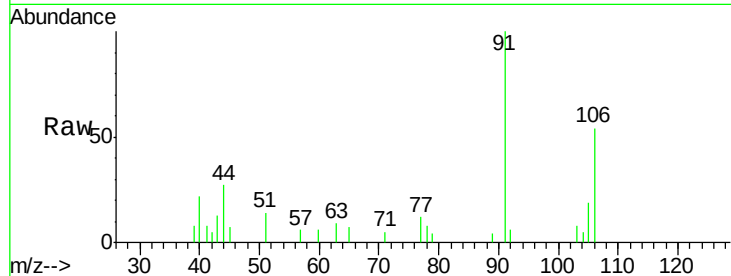




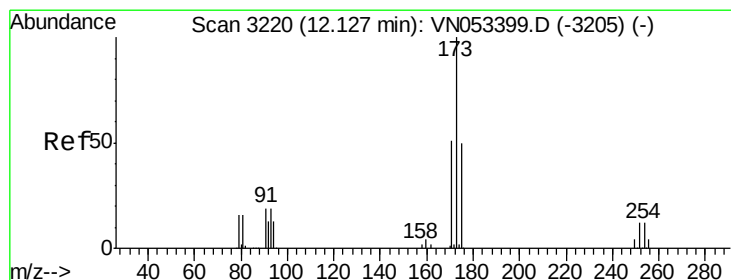
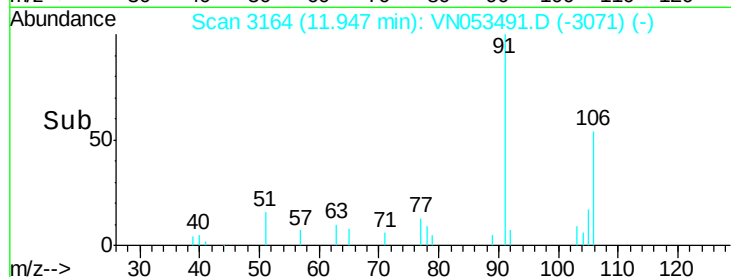
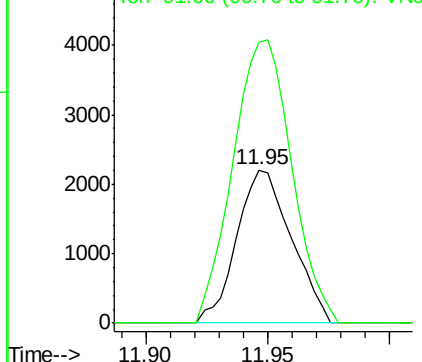
#69
o-Xylene
Concen: 0.203 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

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

Tot Ion:106 Resp: 3410
Ion Ratio Lower Upper
106 100
91 199.8 106.9 320.8

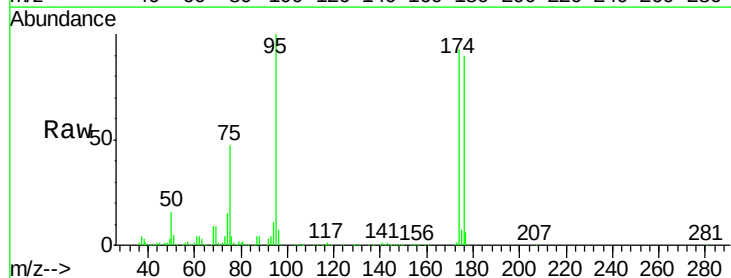


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

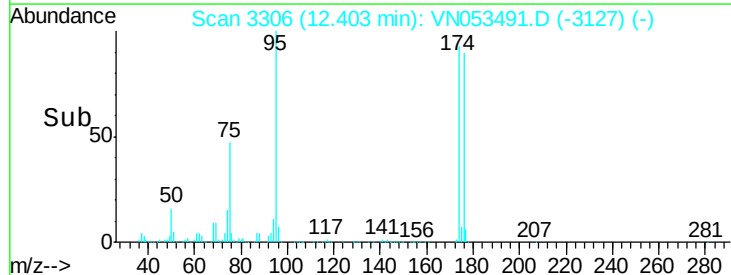
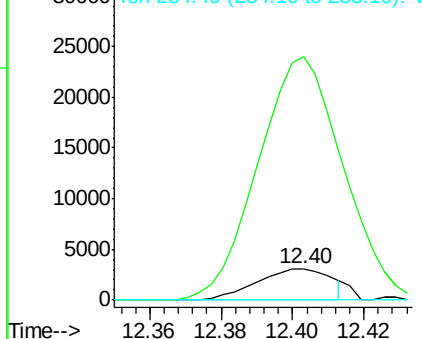


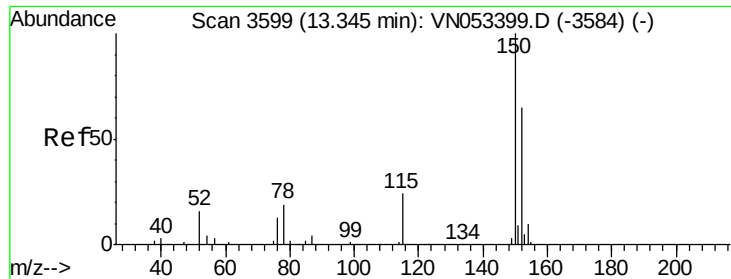
#71
Bromoform
Concen: 0.689 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

Tgt Ion:173 Resp: 4444
Ion Ratio Lower Upper
173 100
175 762.2 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: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-A

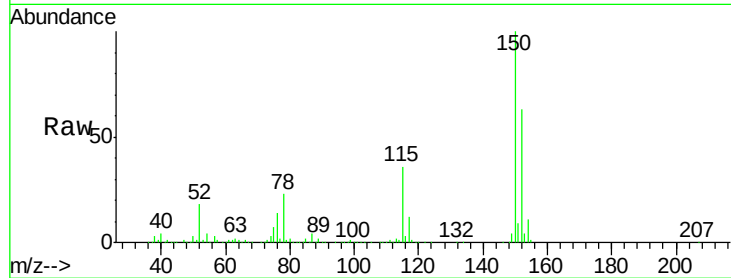
Tot Ion:152 Resp: 572083

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

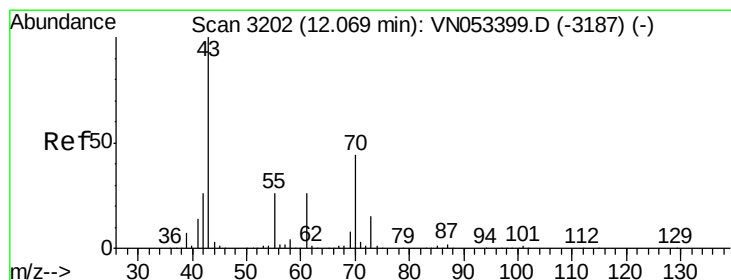
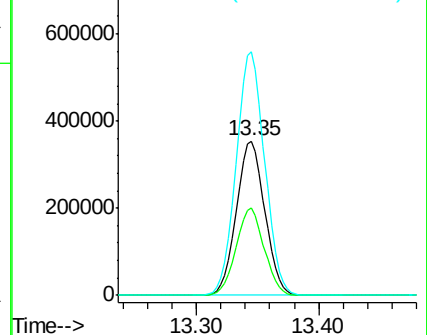
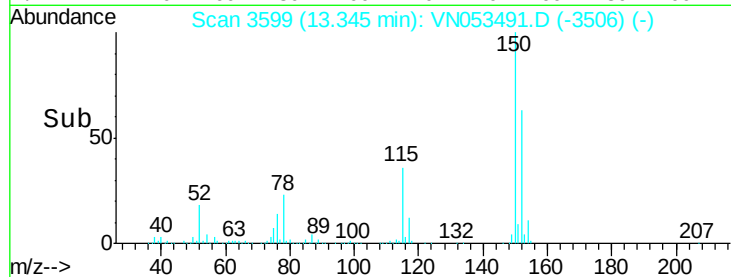
150 158.2 0.0 349.0



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-amyl acetate

Concen: 2.689 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Tgt Ion: 43 Resp: 30031

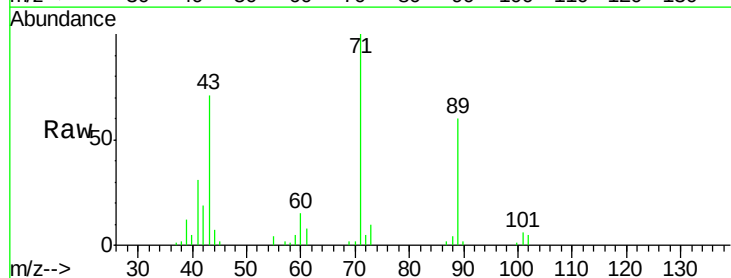
Ion Ratio Lower Upper

43 100

70 2.5 35.4 53.2#

55 5.0 20.9 31.3#

61 11.1 20.5 30.7#

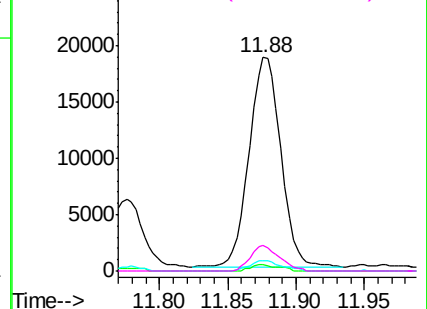
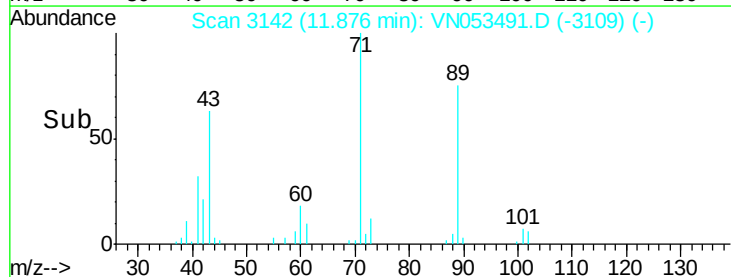


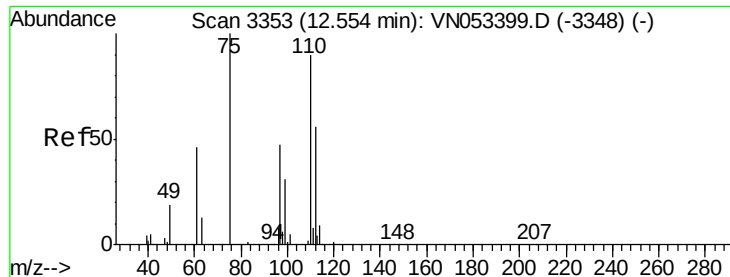
Abundance Ion 43.00 (42.70 to 43.70): V

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: 35.947 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

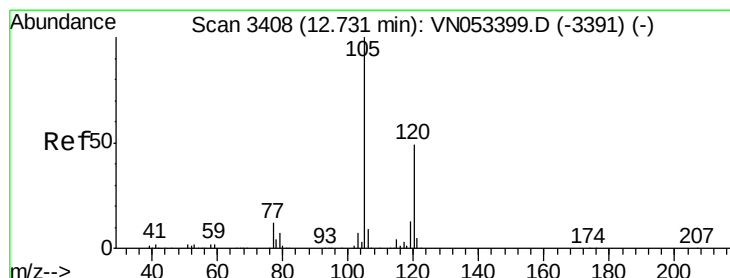
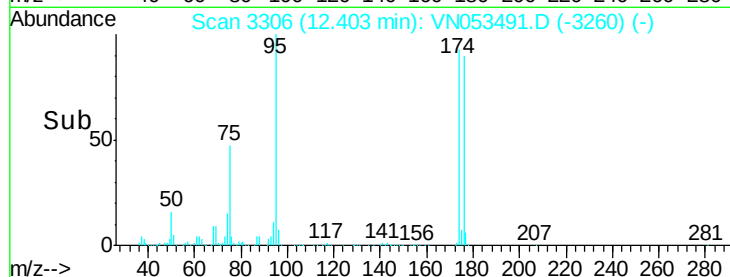
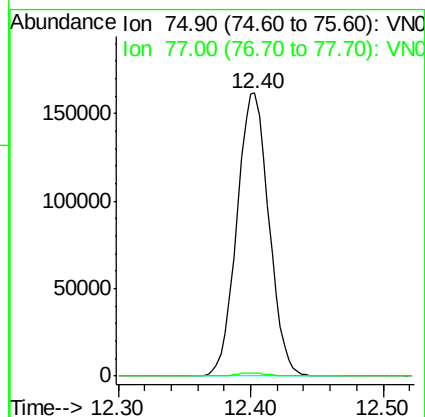
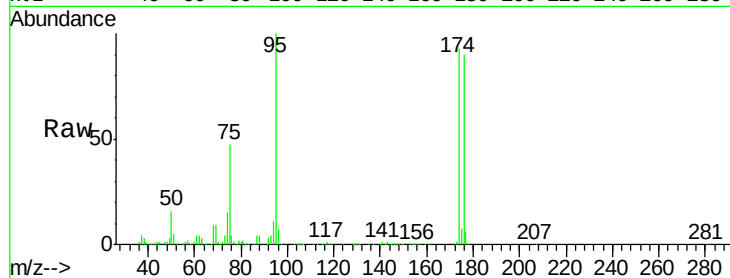
OR-03-011719-A

Tot Ion: 75 Resp: 271003

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.260 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053491.D

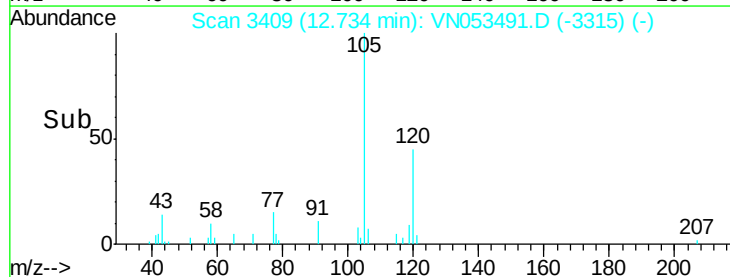
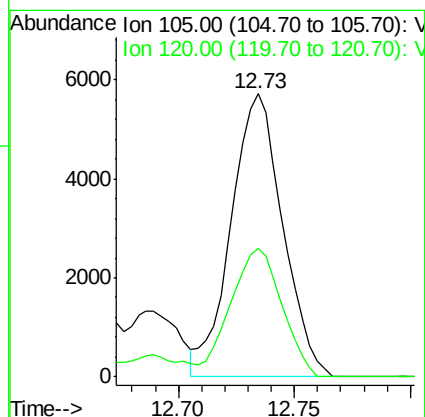
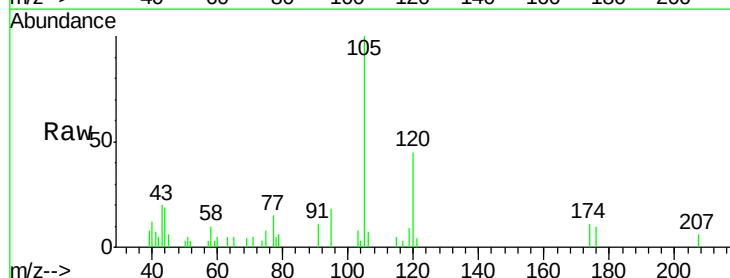
Acq: 18 Jan 2019 23:45

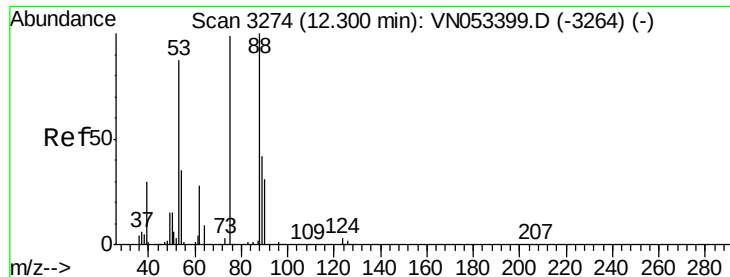
Tgt Ion: 105 Resp: 8859

Ion Ratio Lower Upper

105 100

120 45.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 88.897 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

OR-03-011719-A

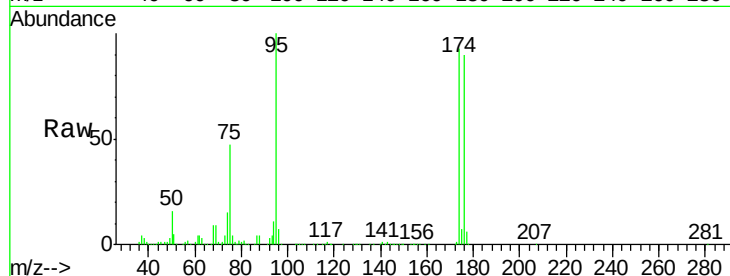
Tot Ion: 75 Resp: 271003

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

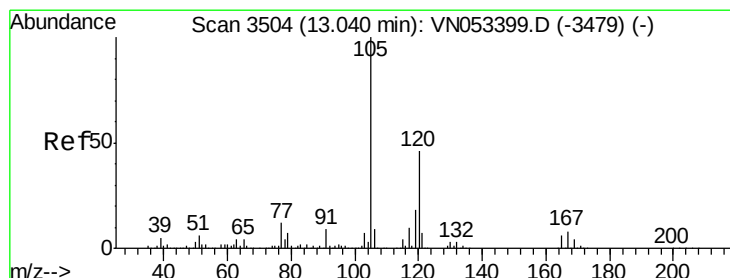
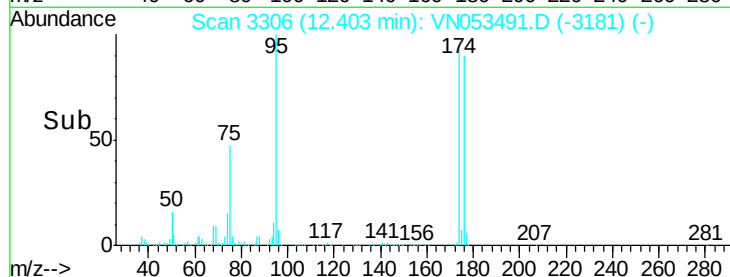
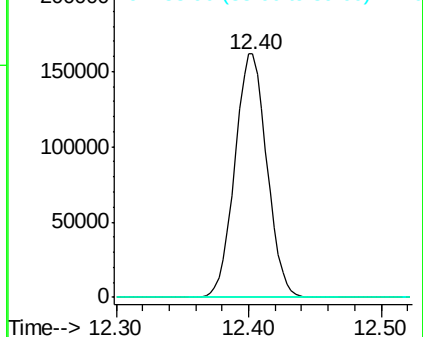
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.278 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053491.D

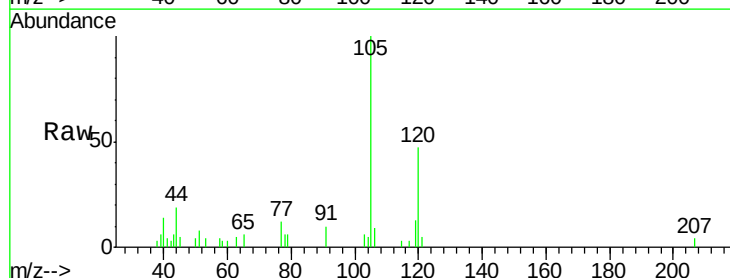
Acq: 18 Jan 2019 23:45

Tgt Ion: 105 Resp: 9563

Ion Ratio Lower Upper

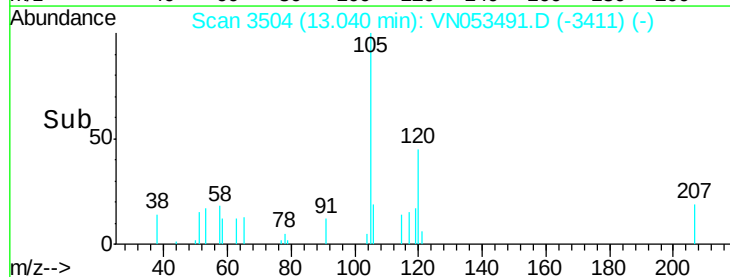
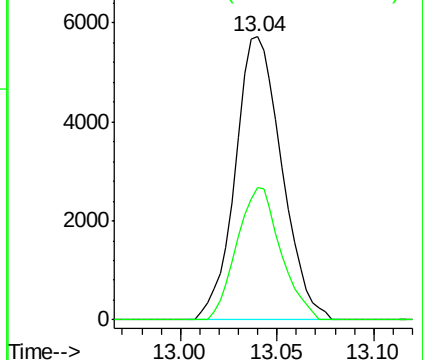
105 100

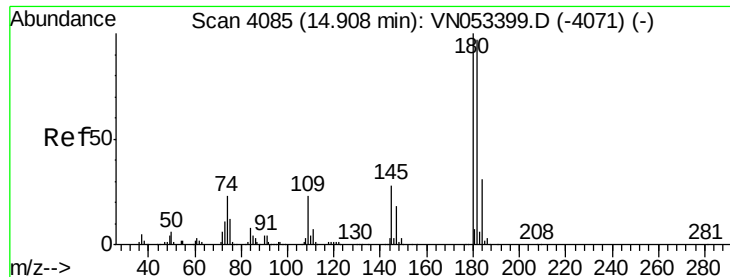
120 44.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

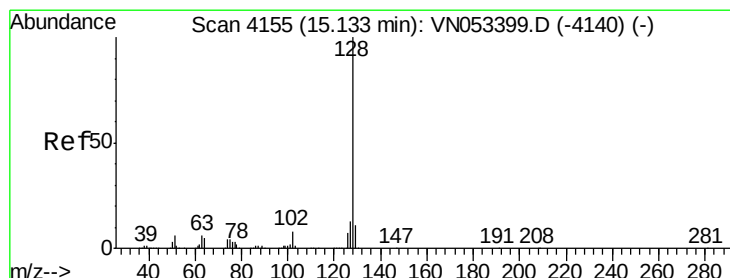
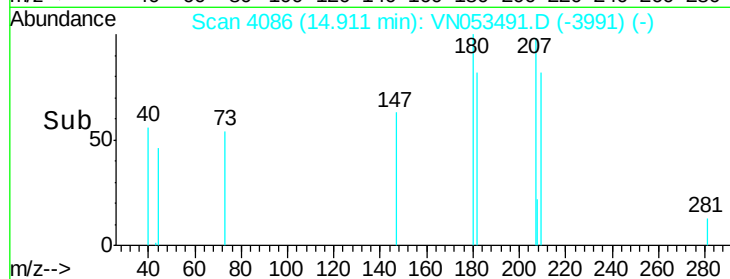
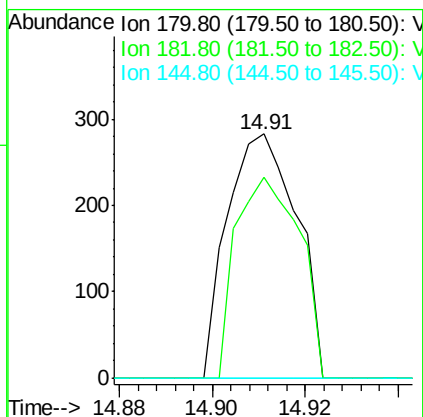
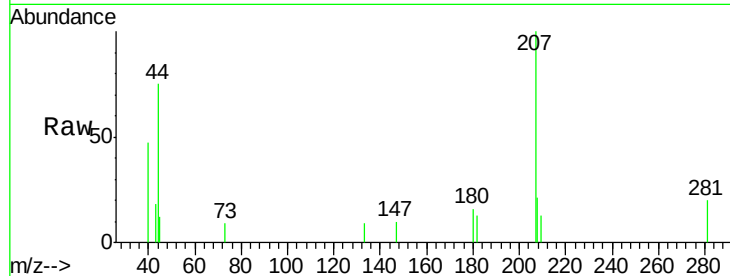




#93
 1,2,4-Trichlorobenzene
 Concen: 2.802 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053491.D
 Acq: 18 Jan 2019 23:45

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

Tot Ion:180 Resp: 295
 Ion Ratio Lower Upper
 180 100
 182 75.6 48.1 144.3
 145 0.0 13.9 41.6#



#95
 Naphthalene
 Concen: 5.266 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053491.D
 Acq: 18 Jan 2019 23:45

Tgt Ion:128 Resp: 19929
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.3 8.6 13.0

