

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053754.D
 Acq On : 13 Feb 2019 14:48
 Operator : JC/SP
 Sample : K1343-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-E

Quant Time: Feb 14 00:10:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	693634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1165694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1080668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	442340	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	376691	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	
35) Dibromofluoromethane	7.59	113	369392	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	10.09	98	1413756	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	467867	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	

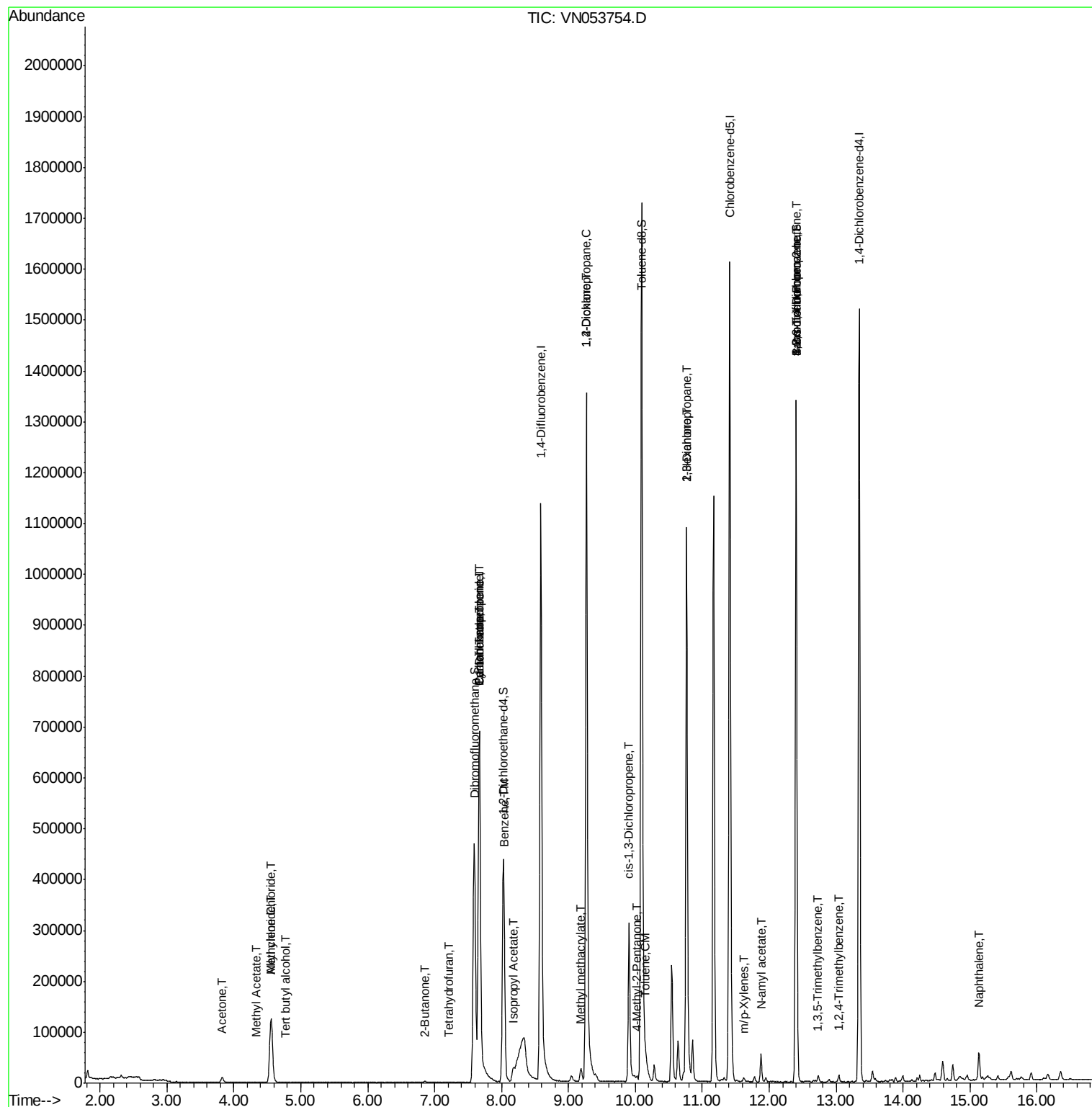
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	197	0.478	ug/l #	72
14) Allyl chloride	4.55	41	2697	0.264	ug/l #	28
16) Acetone	3.82	43	17608	9.865	ug/l	98
18) Methyl Acetate	4.34	43	3456	0.654	ug/l #	76
20) Methylene Chloride	4.55	84	101827	13.598	ug/l	98
25) 2-Butanone	6.85	43	4758	1.869	ug/l	94
29) Tetrahydrofuran	7.21	42	663	0.406	ug/l	97
31) Cyclohexane	7.67	56	10883	0.758	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42531	4.047	ug/l #	48
38) Carbon Tetrachloride	7.67	117	56787	5.365	ug/l #	16
40) Benzene	8.05	78	6861	0.212	ug/l	99
43) Isopropyl Acetate	8.17	43	34249	3.022	ug/l #	78
45) 1,2-Dichloropropane	9.27	63	1814	0.219	ug/l #	43
48) Methyl methacrylate	9.18	41	9794	1.810	ug/l #	22
49) 1,4-Dioxane	9.27	88	63	39.870	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	7106	1.276	ug/l #	34
52) Toluene	10.16	92	5243	0.273	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	65400	5.306	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	13453	1.136	ug/l #	43
59) 2-Hexanone	10.76	43	164353	43.469	ug/l #	50
68) m/p-Xylenes	11.62	106	3016	0.210	ug/l	95
71) Bromoform	12.40	173	3361	0.612	ug/l #	1
74) N-amyl acetate	11.88	43	17035	2.278	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	215322	37.898	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5462	0.212	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	215322	106.567	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	8555	0.326	ug/l	100
95) Naphthalene	15.13	128	50314	4.236	ug/l	98

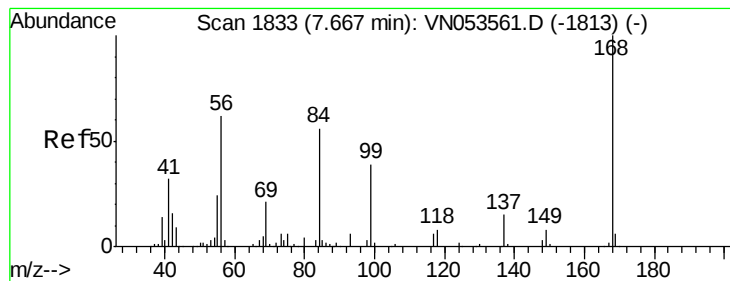
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053754.D

Acq: 13 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

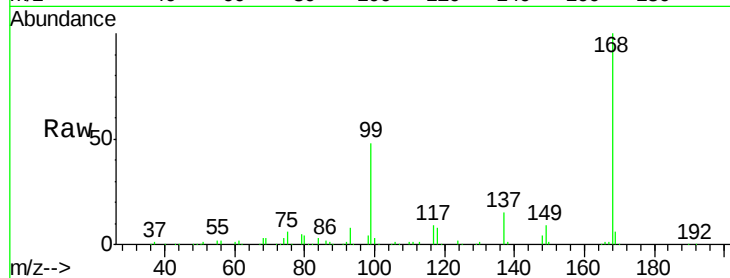
JC-02-021119-E

Tot Ion:168 Resp: 693634

Ion Ratio Lower Upper

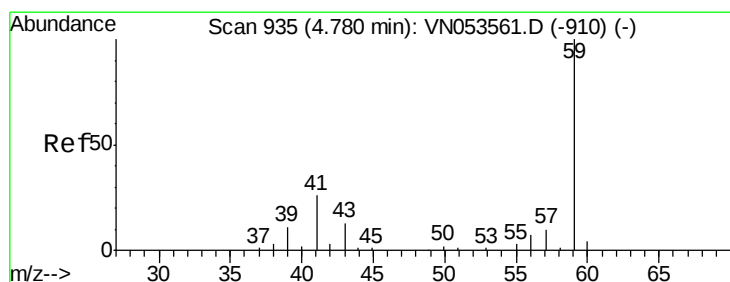
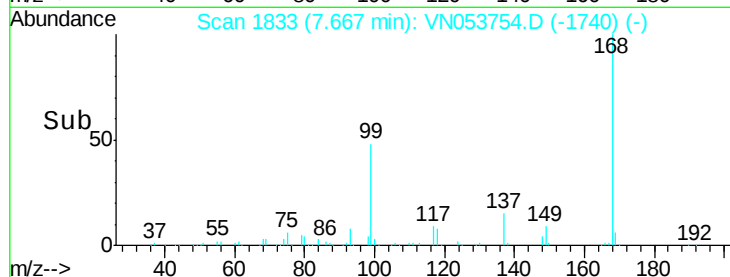
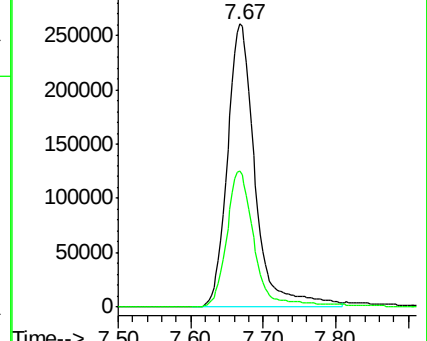
168 100

99 48.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.478 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN053754.D

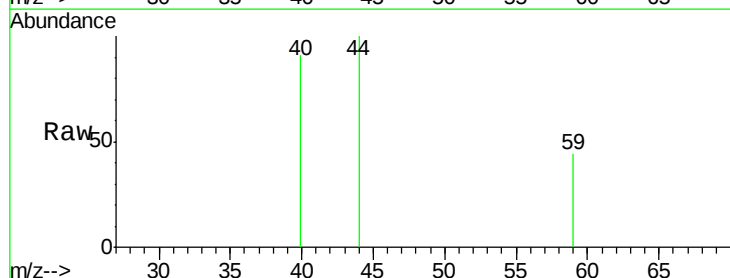
Acq: 13 Feb 2019 14:48

Tgt Ion: 59 Resp: 197

Ion Ratio Lower Upper

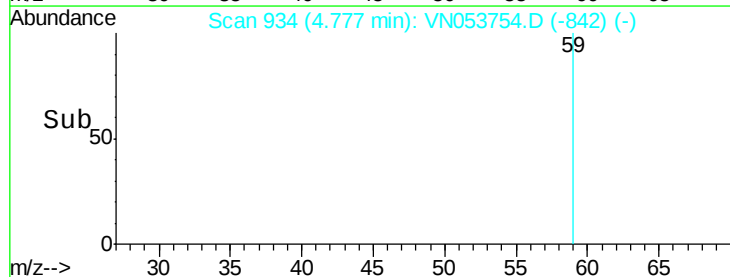
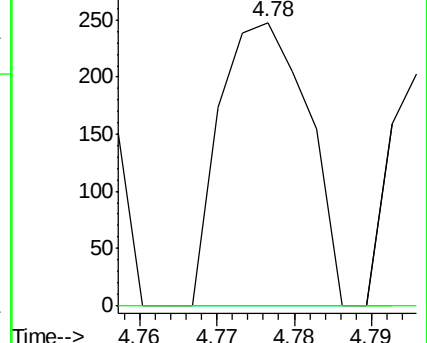
59 100

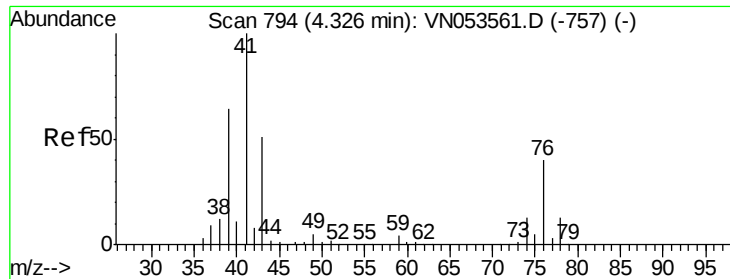
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

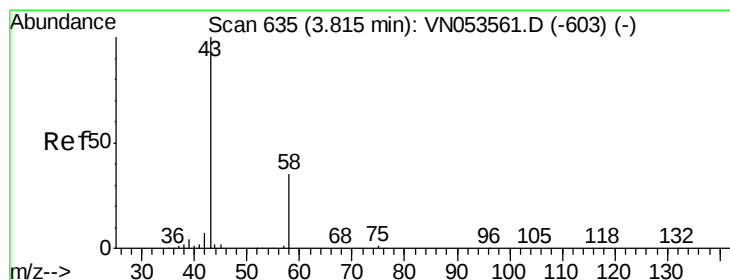
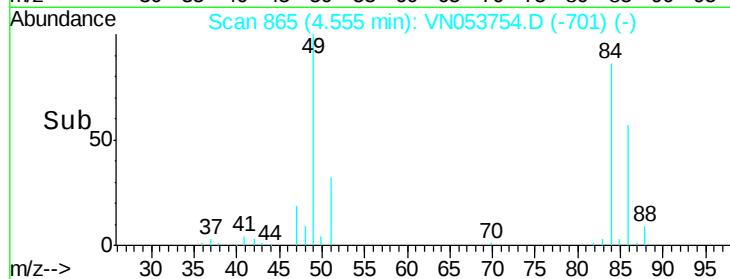
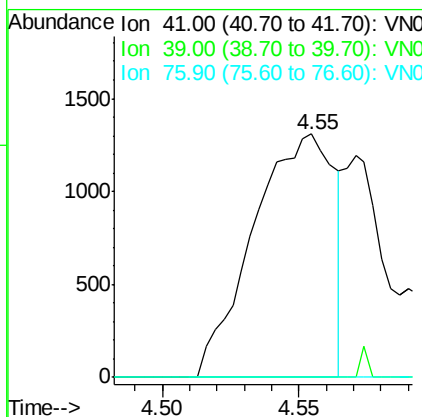
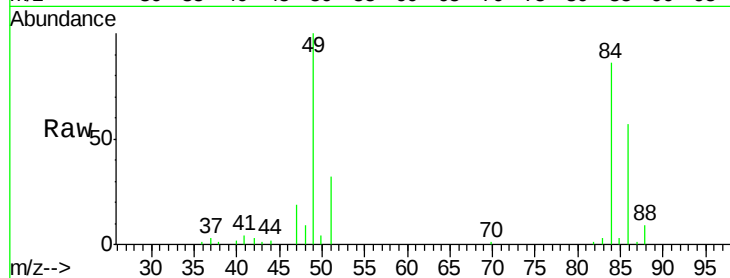




#14
Allvl chloride
Concen: 0.264 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.23 min
Lab File: VN053754.D
Acq: 13 Feb 2019 14:48

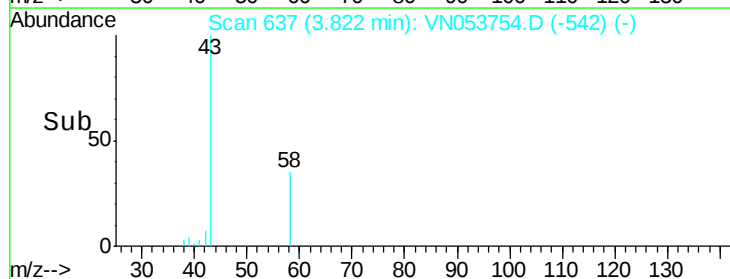
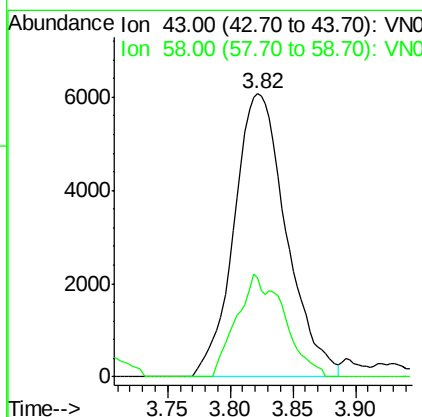
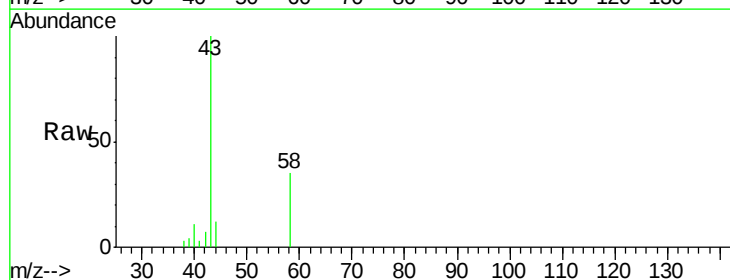
Instrument :
MSVOA_N
ClientSampled :
JC-02-021119-E

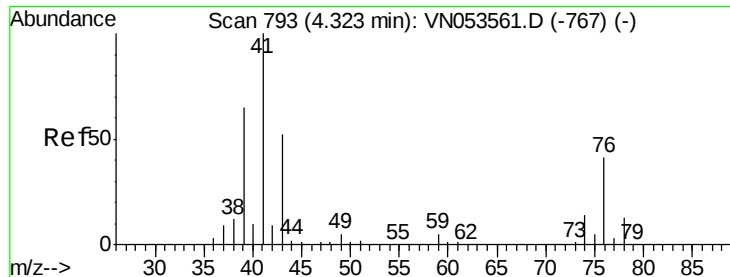
Tot Ion: 41 Resp: 2697
Ion Ratio Lower Upper
41 100
39 1.2 48.9 73.3#
76 0.0 29.4 44.2#



#16
Acetone
Concen: 9.865 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053754.D
Acq: 13 Feb 2019 14:48

Tgt Ion: 43 Resp: 17608
Ion Ratio Lower Upper
43 100
58 35.2 27.1 40.7

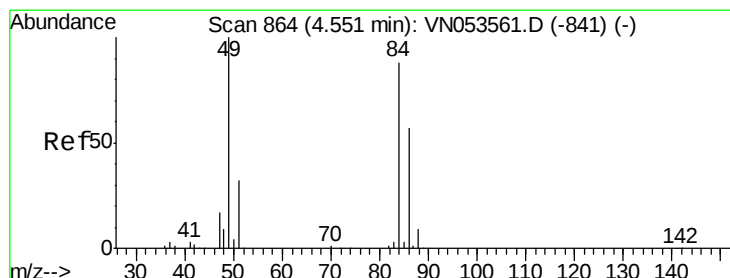
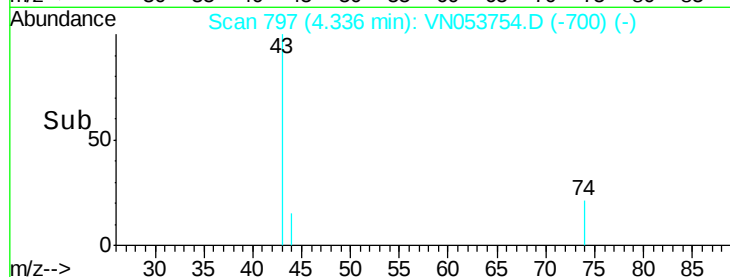
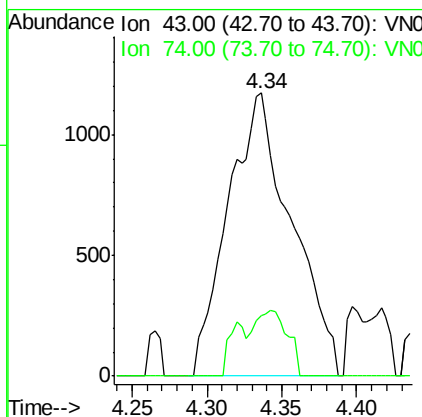
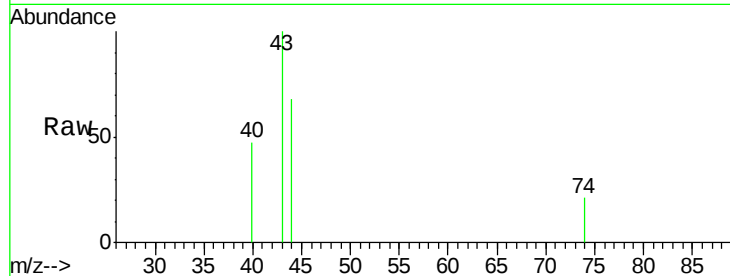




#18
Methyl Acetate
Concen: 0.654 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053754.D
Acq: 13 Feb 2019 14:48

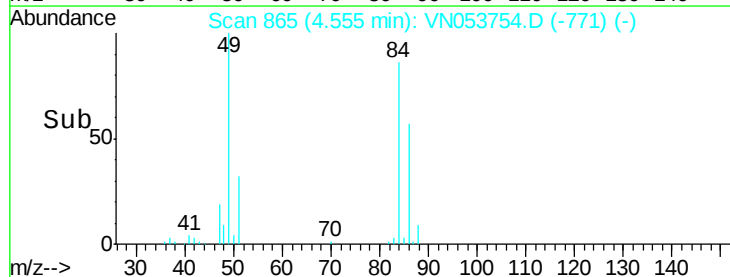
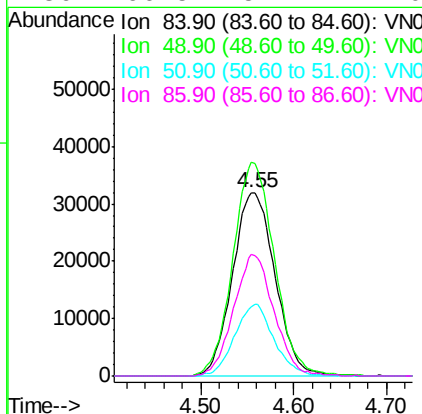
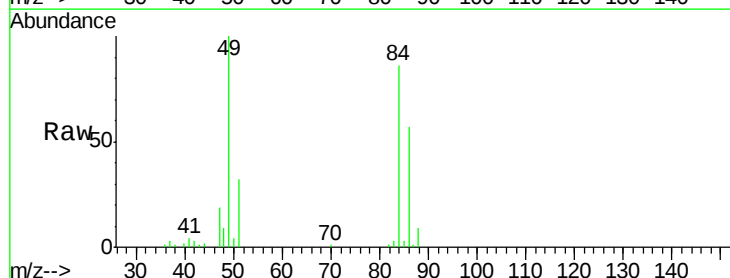
Instrument :
MSVOA_N
ClientSampled :
JC-02-021119-E

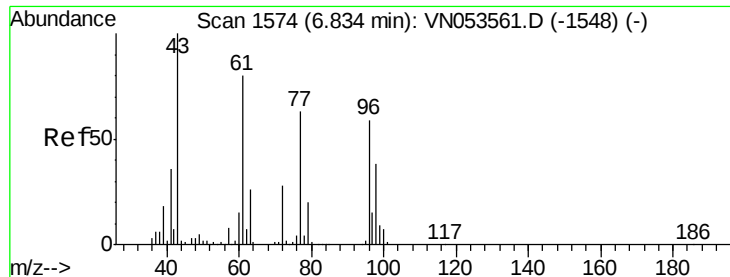
Tot Ion: 43 Resp: 3456
Ion Ratio Lower Upper
43 100
74 12.2 19.4 29.2#



#20
Methylene Chloride
Concen: 13.598 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053754.D
Acq: 13 Feb 2019 14:48

Tgt Ion: 84 Resp: 101827
Ion Ratio Lower Upper
84 100
49 116.6 94.3 141.5
51 37.9 29.4 44.2
86 66.5 51.4 77.0

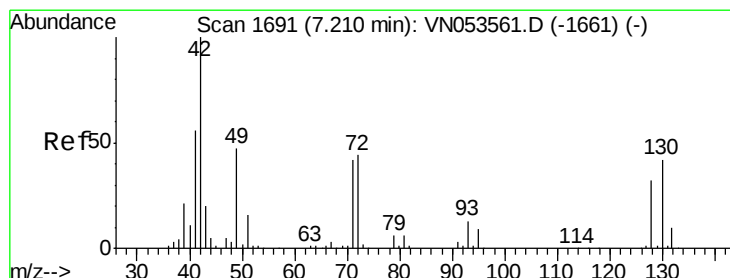
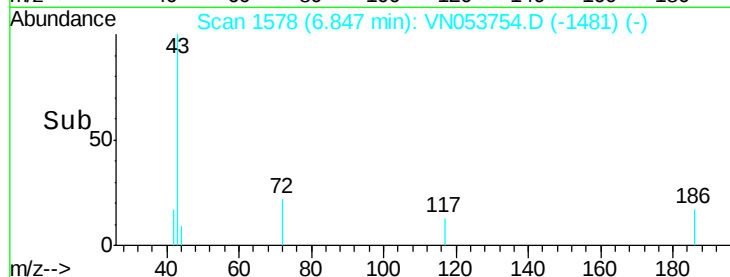
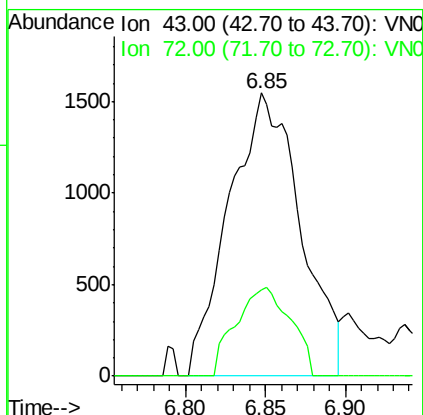
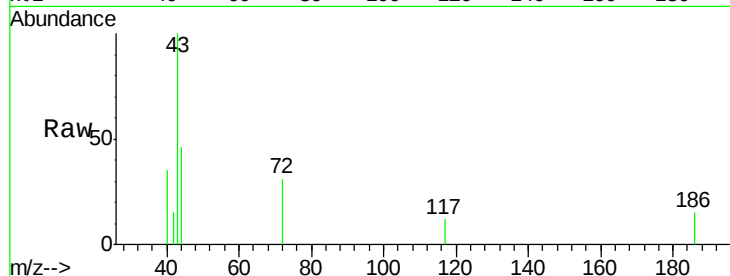




#25
2-Butanone
Concen: 1.869 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053754.D
Acq: 13 Feb 2019 14:48

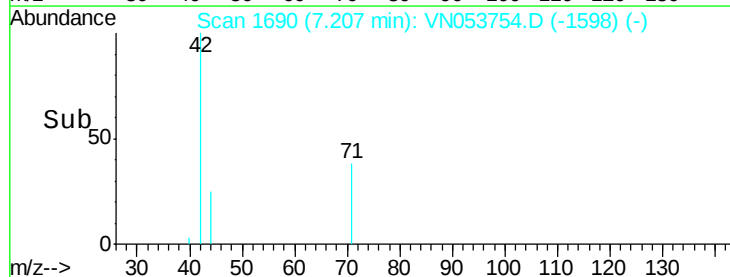
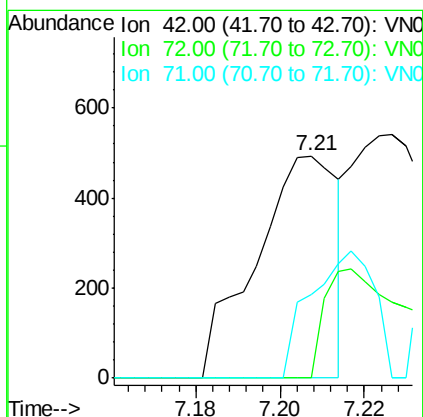
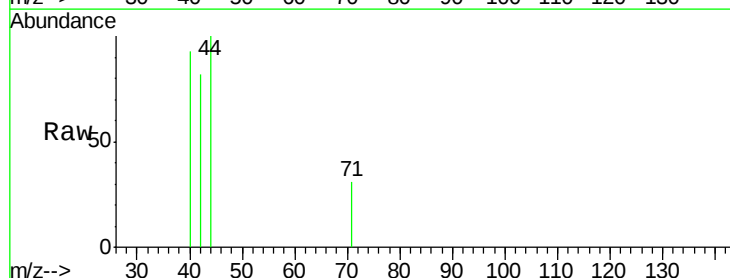
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-E

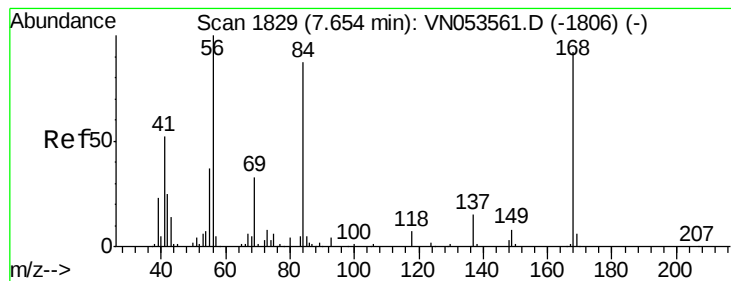
Tot Ion: 43 Resp: 4758
Ion Ratio Lower Upper
43 100
72 30.7 22.0 33.0



#29
Tetrahydrofuran
Concen: 0.406 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN053754.D
Acq: 13 Feb 2019 14:48

Tgt Ion: 42 Resp: 663
Ion Ratio Lower Upper
42 100
72 44.6 35.2 52.8
71 44.5 33.0 49.4





#31

Cyclohexane

Concen: 0.758 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-E

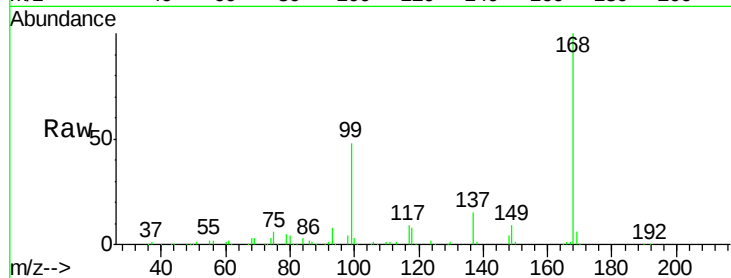
Tot Ion: 56 Resp: 10883

Ion Ratio Lower Upper

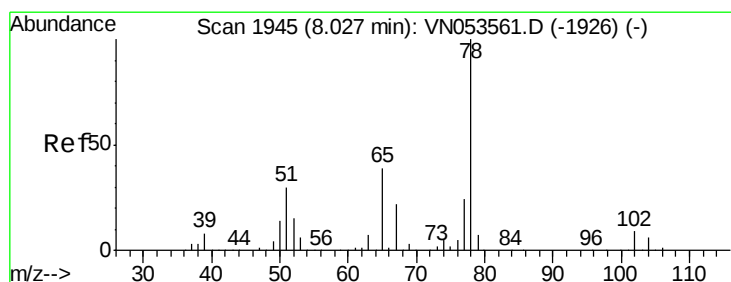
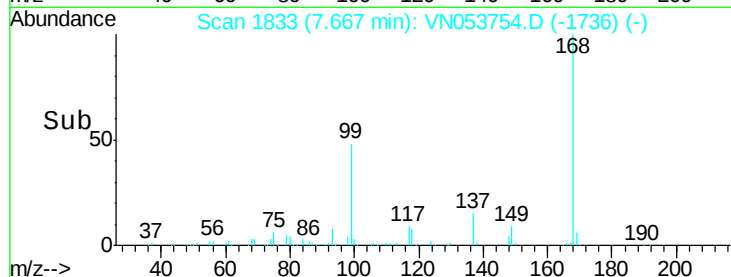
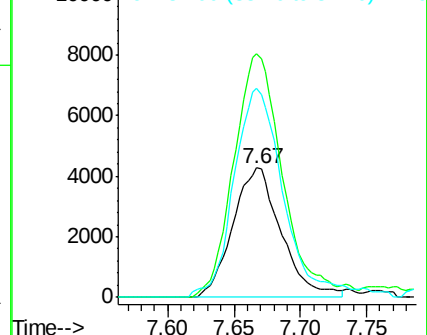
56 100

69 188.6 26.4 39.6#

84 158.1 67.9 101.9#



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



#33

1,2-Dichloroethane-d4

Concen: 54.134 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053754.D

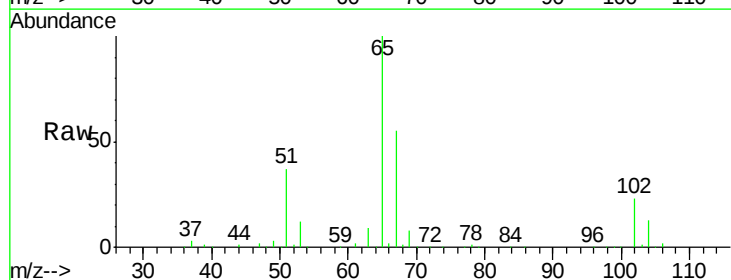
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Tgt Ion: 65 Resp: 376691

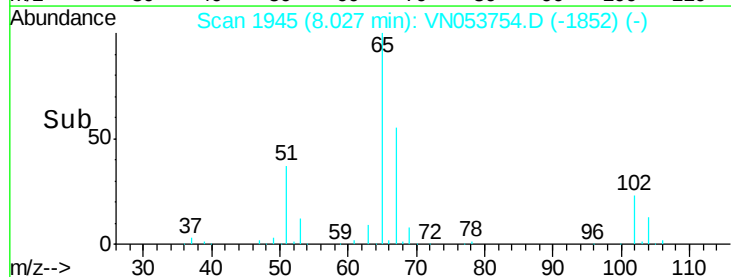
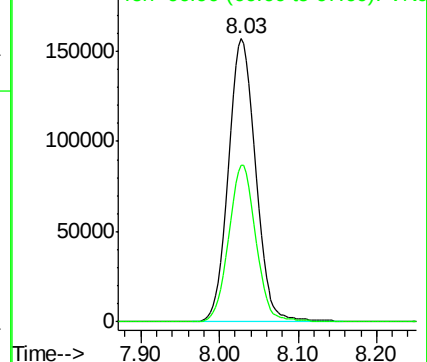
Ion Ratio Lower Upper

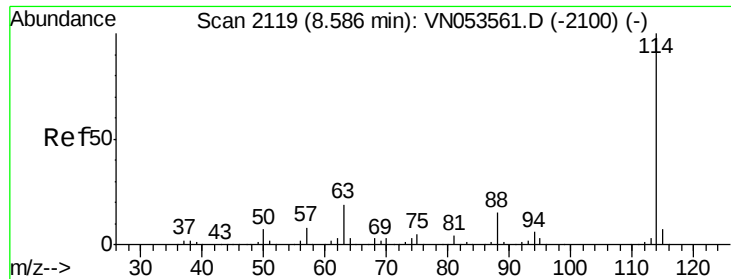
65 100

67 55.0 0.0 111.2



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

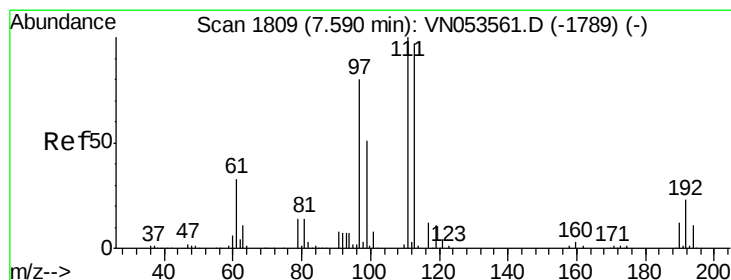
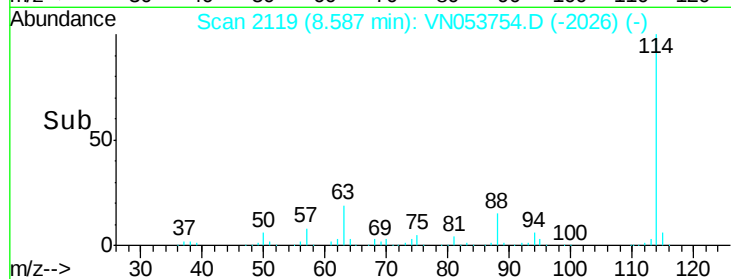
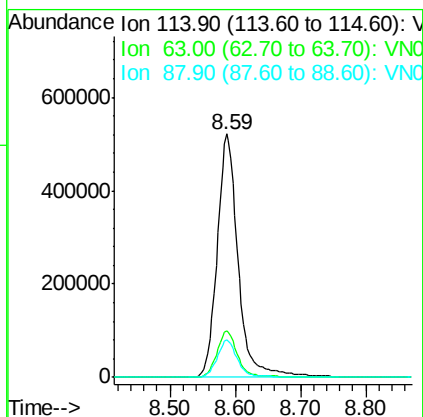
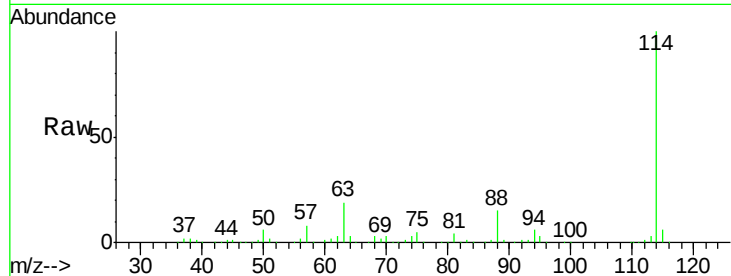




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053754.D
 Acq: 13 Feb 2019 14:48

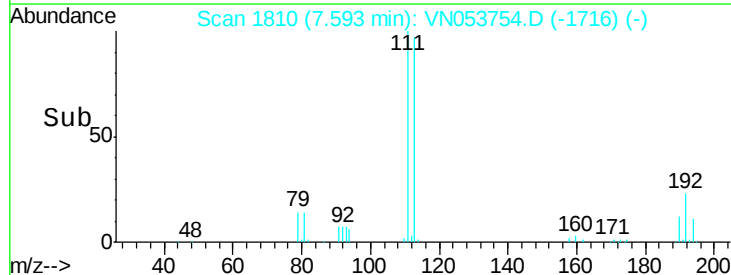
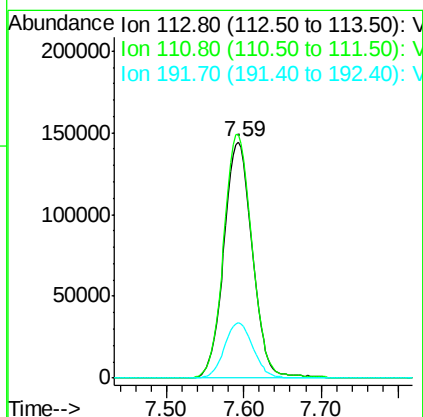
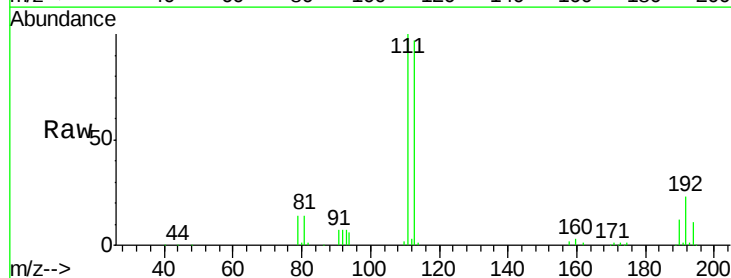
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 JC-02-021119-E

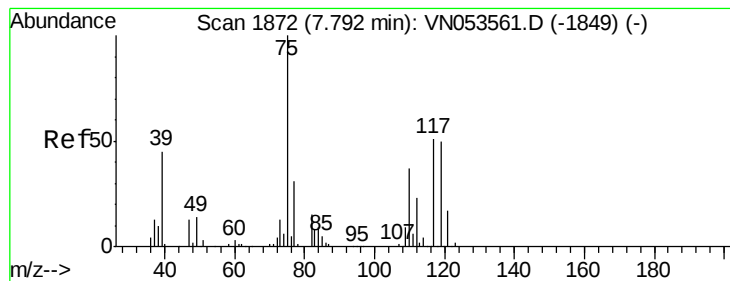
Tot Ion:114 Resp: 1165694
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.3 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.150 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053754.D
 Acq: 13 Feb 2019 14:48

Tgt Ion:113 Resp: 369392
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 23.7 18.2 27.2





#36

1,1-Dichloropropene

Concen: 4.047 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-E

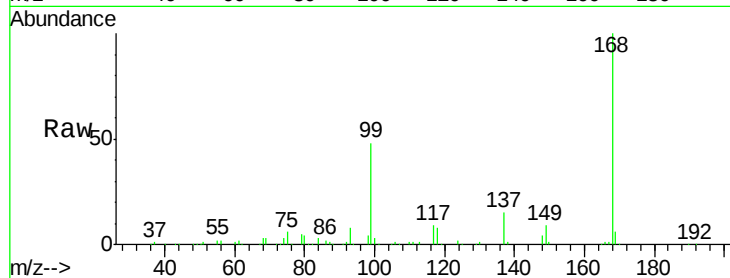
Tot Ion: 75 Resp: 42531

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.3#

77 0.0 25.1 37.7#

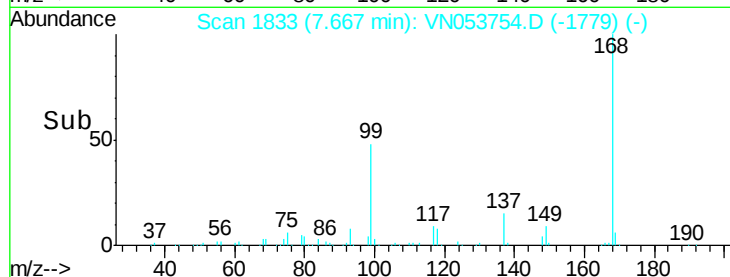


Abundance Ion 74.90 (74.60 to 75.60): VN053754.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN053754.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN053754.D (-1779) (-)

Time-->

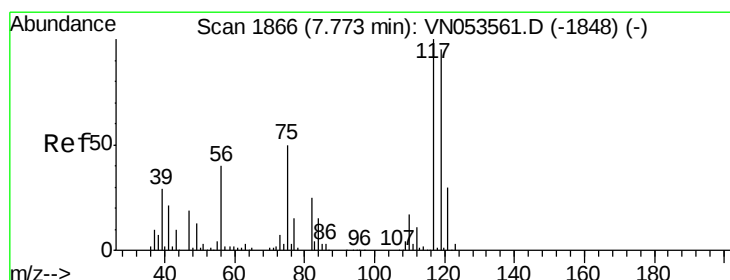


Abundance Ion 74.90 (74.60 to 75.60): VN053754.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN053754.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN053754.D (-1779) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.365 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

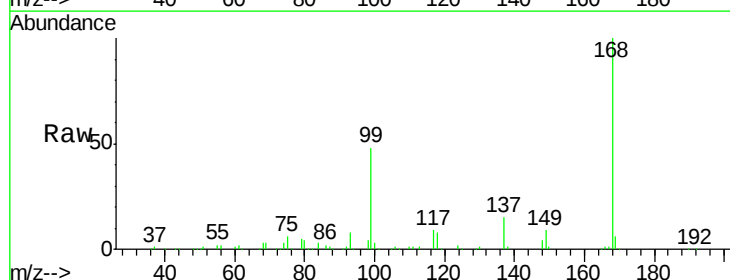
Tgt Ion: 117 Resp: 56787

Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

121 0.0 24.6 37.0#

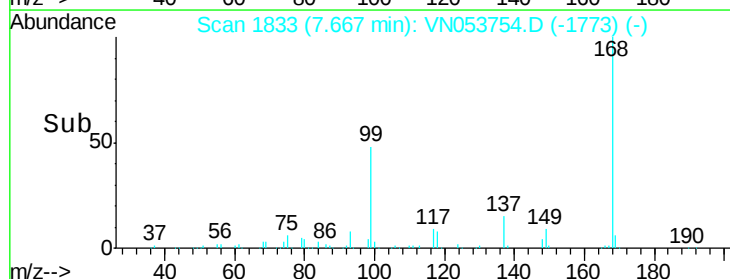


Abundance Ion 116.80 (116.50 to 117.50): VN053754.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053754.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053754.D (-1773) (-)

Time-->

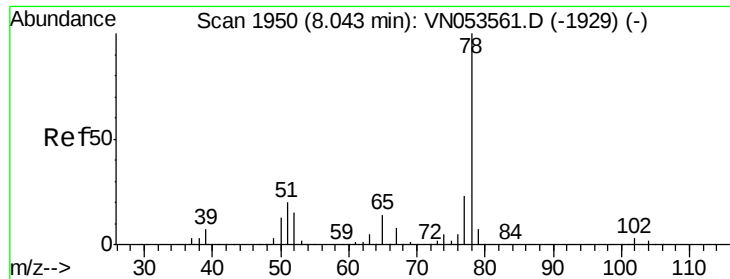


Abundance Ion 116.80 (116.50 to 117.50): VN053754.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053754.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053754.D (-1773) (-)

Time-->



#40

Benzene

Concen: 0.212 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

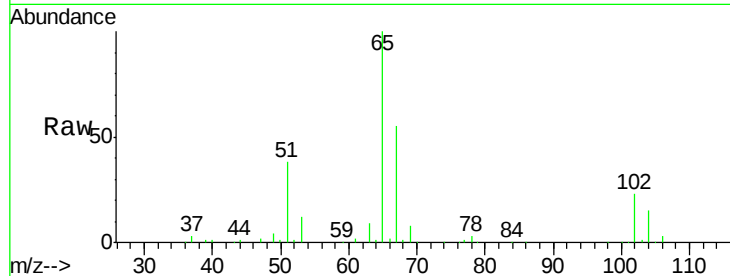
JC-02-021119-E

Tot Ion: 78 Resp: 6861

Ion Ratio Lower Upper

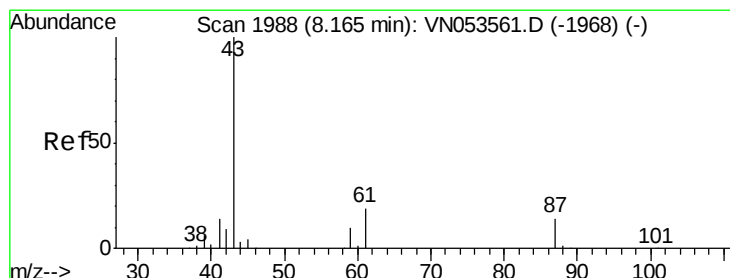
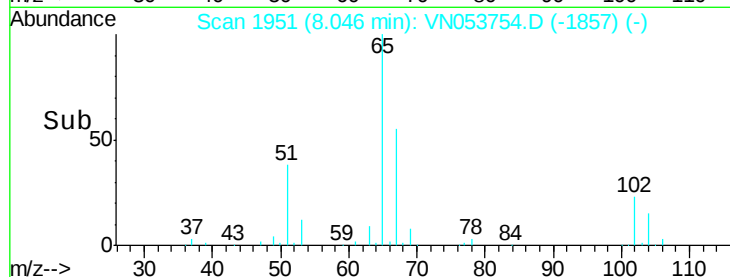
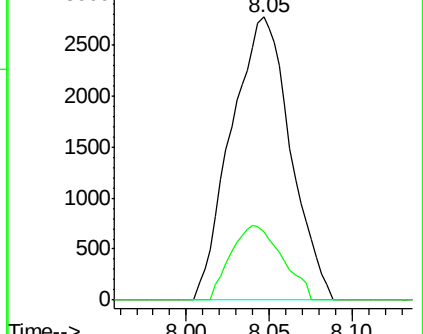
78 100

77 24.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 3.022 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

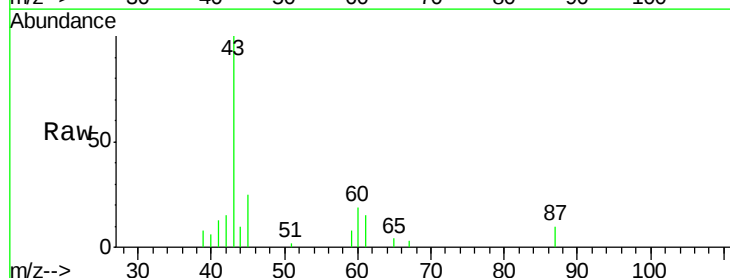
Tgt Ion: 43 Resp: 34249

Ion Ratio Lower Upper

43 100

61 15.1 23.9 35.9#

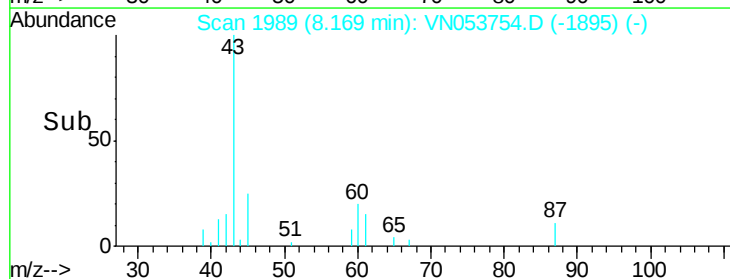
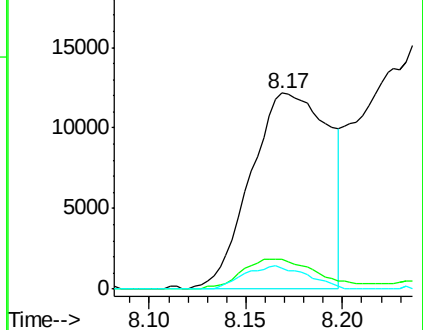
87 9.4 11.0 16.6#

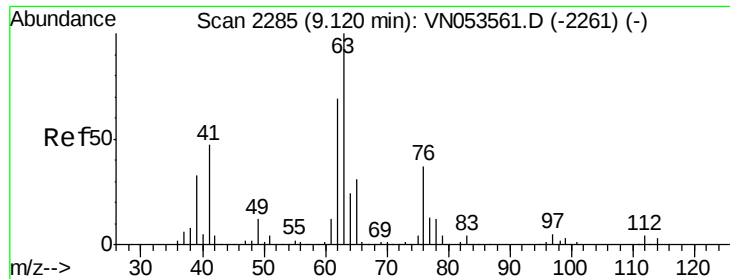


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.219 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

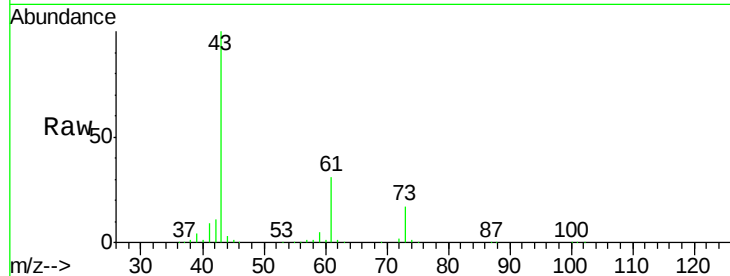
JC-02-021119-E

Tot Ion: 63 Resp: 1814

Ion Ratio Lower Upper

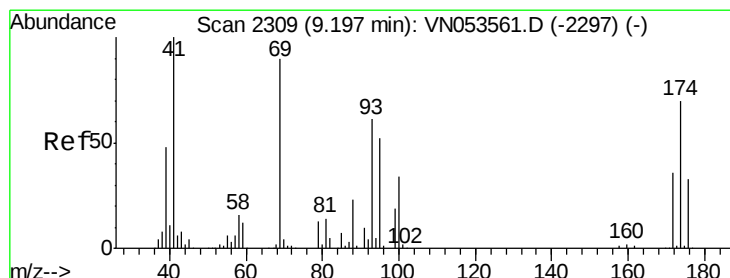
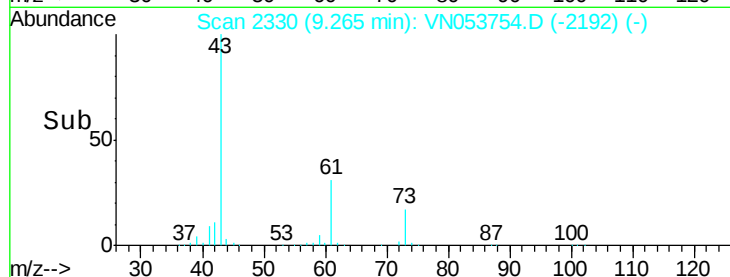
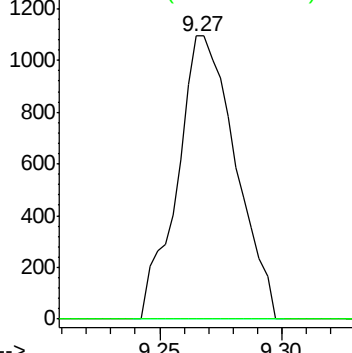
63 100

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

Methyl methacrylate

Concen: 1.810 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

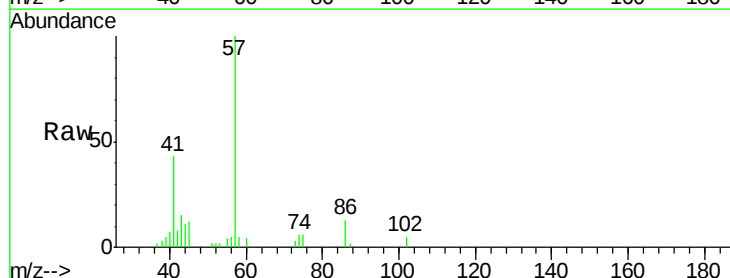
Tgt Ion: 41 Resp: 9794

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

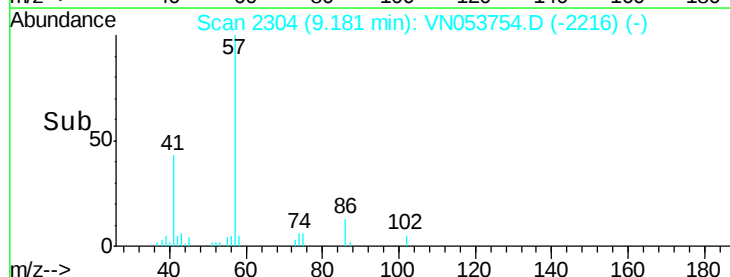
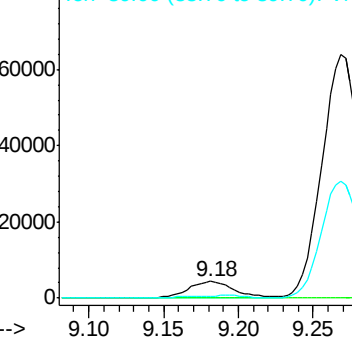
39 19.1 40.0 60.0#

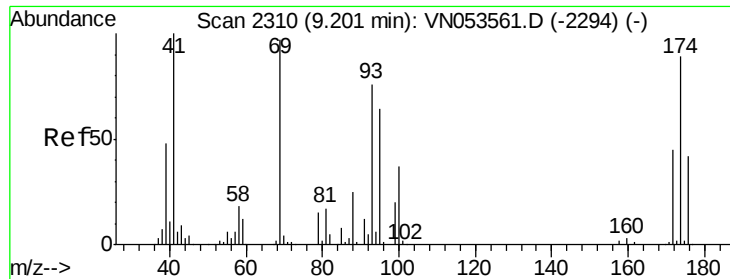


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 39.870 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.07 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-E

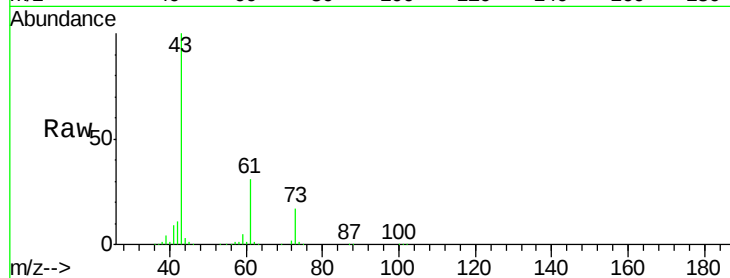
Tot Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

43 2257388.9 27.8 41.6#

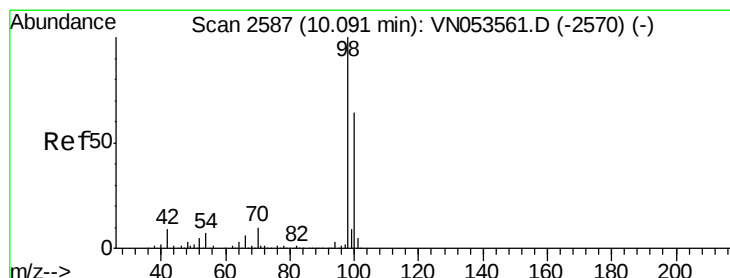
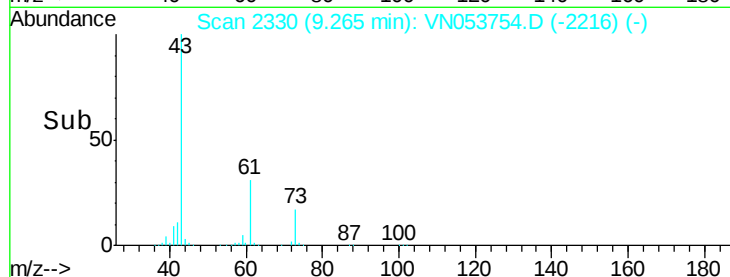
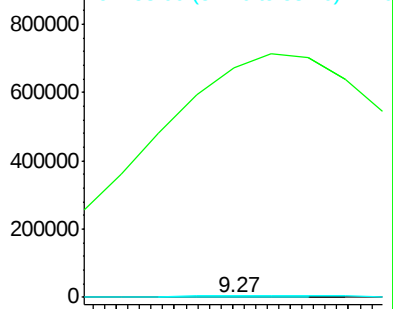
58 12006.3 56.5 84.7#



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



#50

Toluene-d8

Concen: 51.118 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053754.D

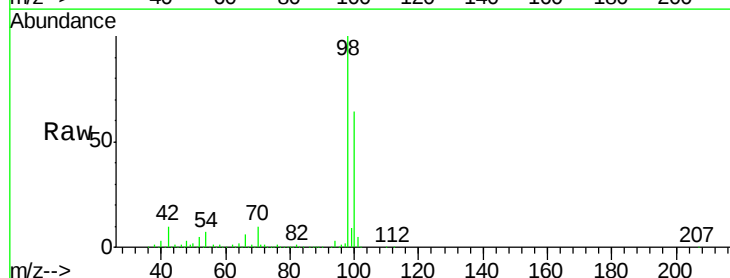
Acq: 13 Feb 2019 14:48

Tgt Ion: 98 Resp: 1413756

Ion Ratio Lower Upper

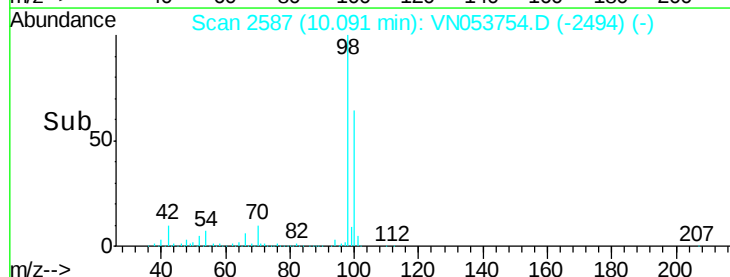
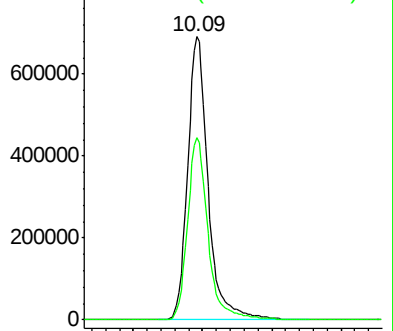
98 100

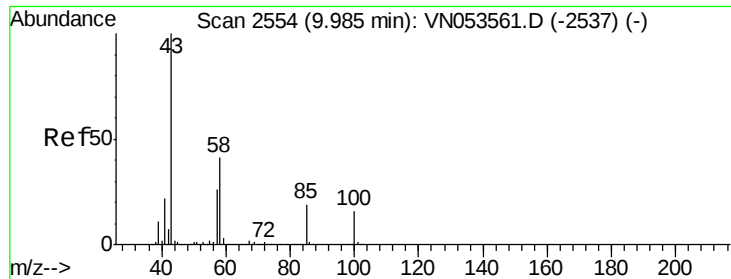
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.276 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

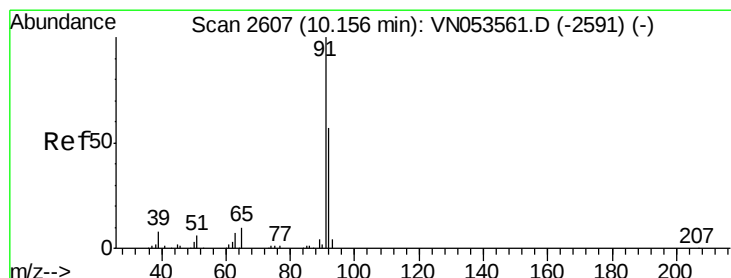
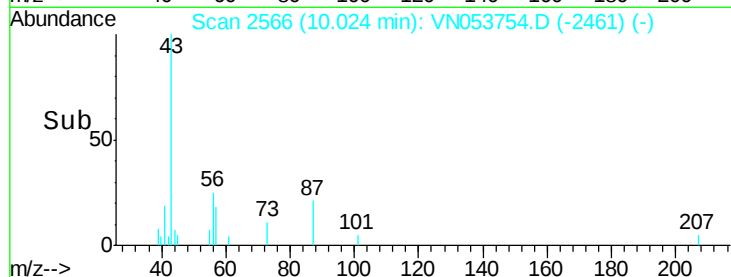
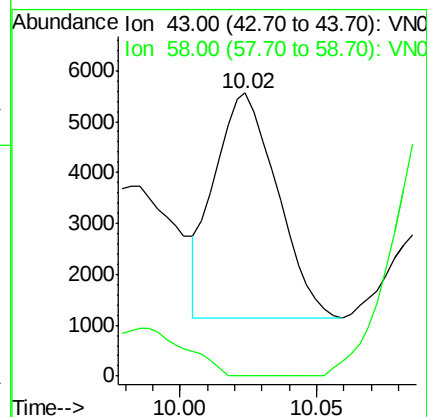
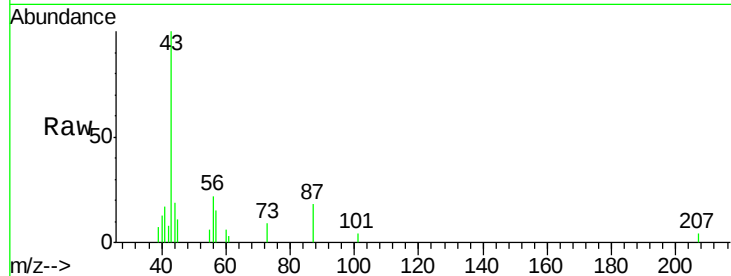
JC-02-021119-E

Tot Ion: 43 Resp: 7106

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#



#52

Toluene

Concen: 0.273 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053754.D

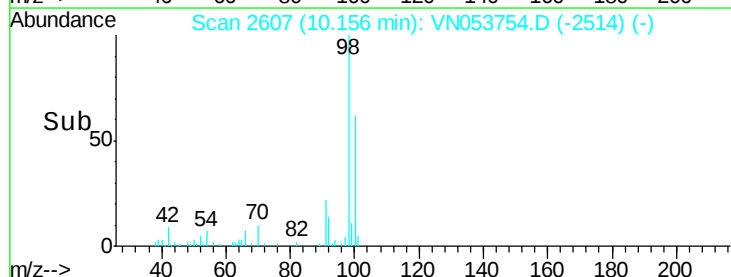
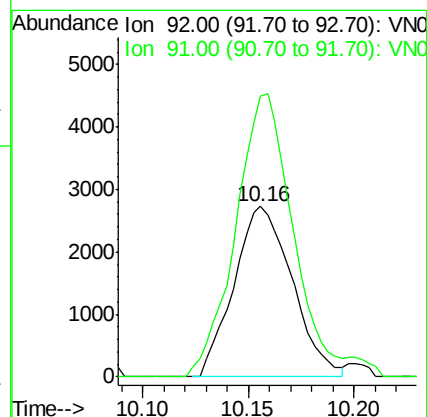
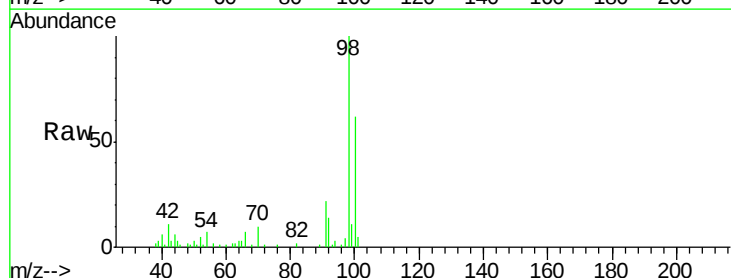
Acq: 13 Feb 2019 14:48

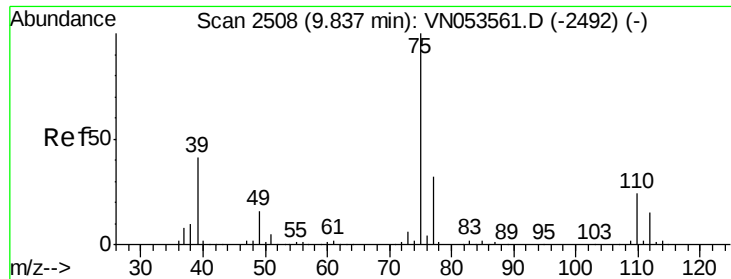
Tgt Ion: 92 Resp: 5243

Ion Ratio Lower Upper

92 100

91 166.7 139.9 209.9



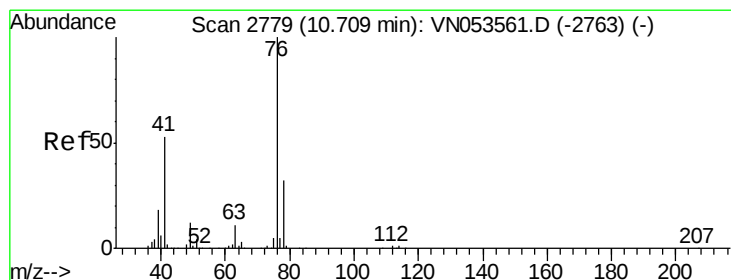
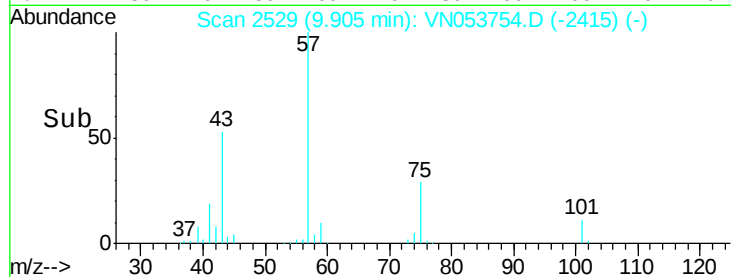
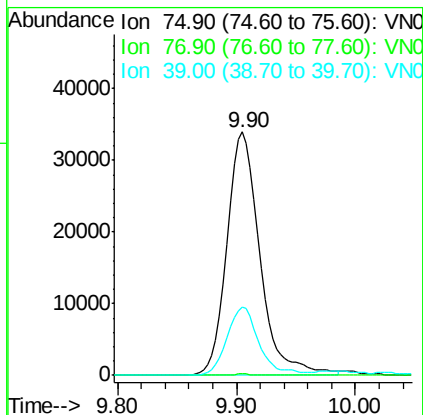
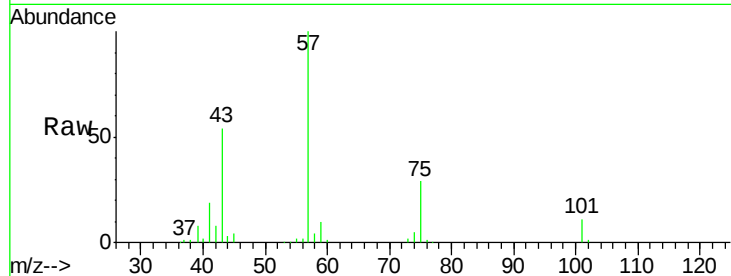


#54

cis-1,3-Dichloropropene
 Concen: 5.306 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN053754.D
 Acq: 13 Feb 2019 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-E

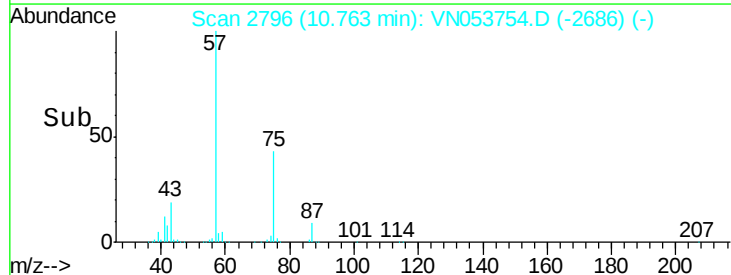
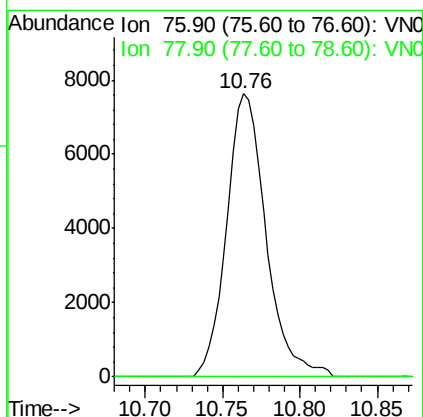
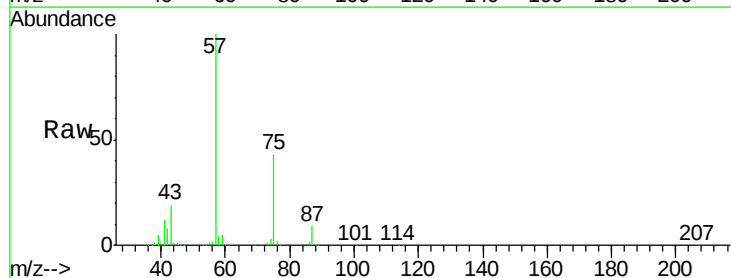
Tot Ion: 75 Resp: 65400
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.8 38.6#
 39 27.9 33.4 50.0#

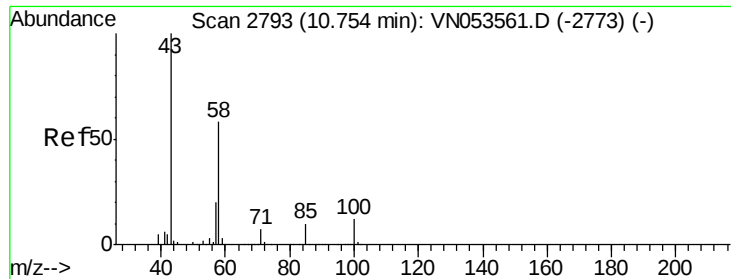


#57

1,3-Dichloropropane
 Concen: 1.136 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053754.D
 Acq: 13 Feb 2019 14:48

Tgt Ion: 76 Resp: 13453
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#

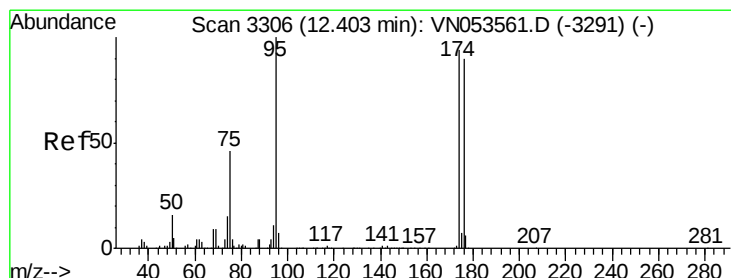
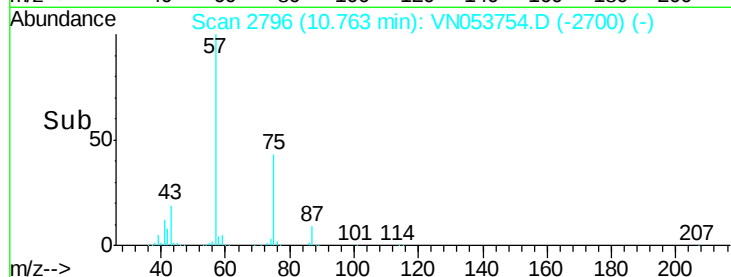
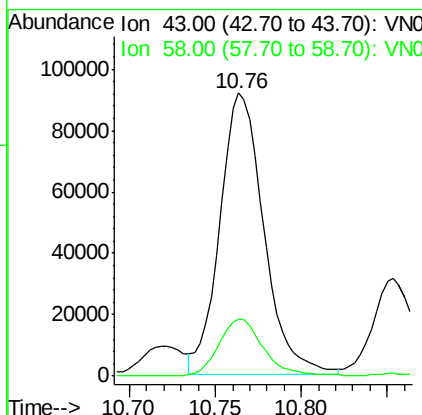
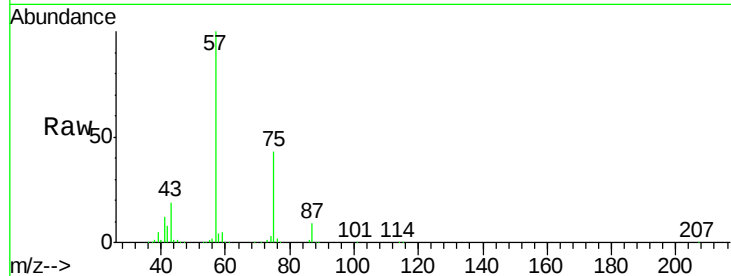




#59
2-Hexanone
Concen: 43.469 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053754.D
Acq: 13 Feb 2019 14:48

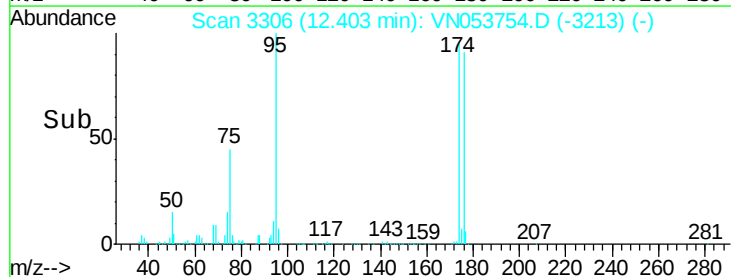
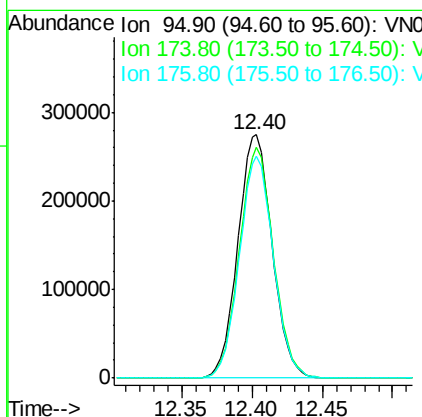
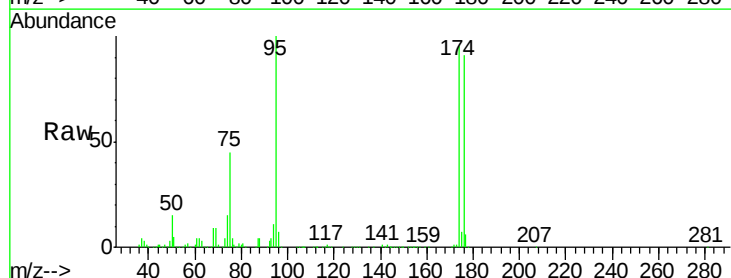
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-E

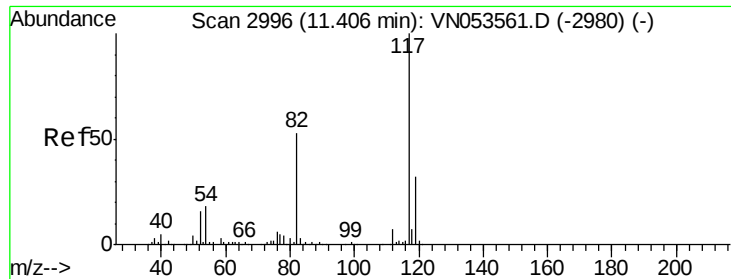
Tot Ion: 43 Resp: 164353
Ion Ratio Lower Upper
43 100
58 20.6 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 50.723 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053754.D
Acq: 13 Feb 2019 14:48

Tgt Ion: 95 Resp: 467867
Ion Ratio Lower Upper
95 100
174 94.2 0.0 183.2
176 90.5 0.0 177.4

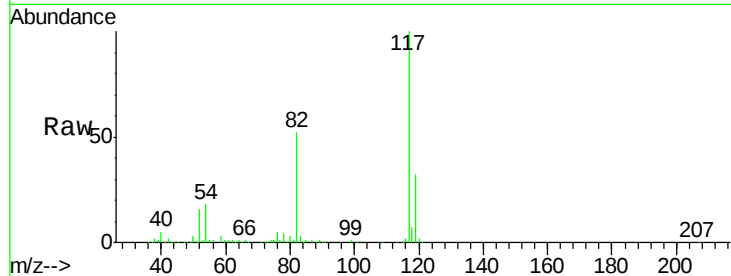




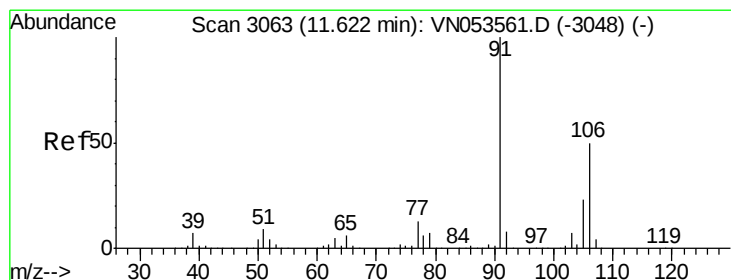
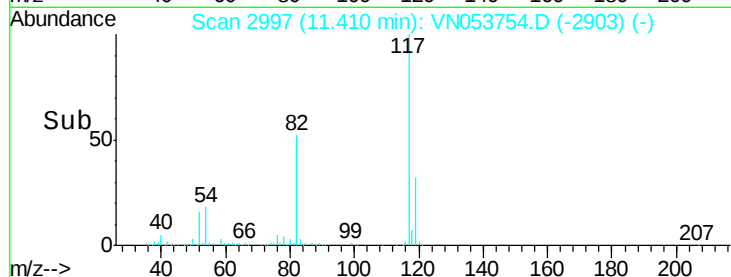
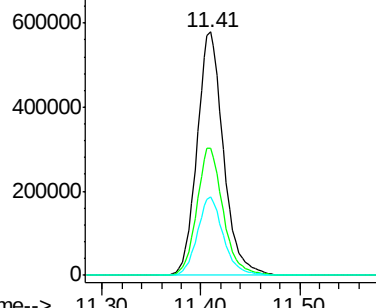
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053754.D
Acq: 13 Feb 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-E

Tot Ion:117 Resp: 1080668
Ion Ratio Lower Upper
117 100
82 52.1 42.9 64.3
119 32.0 26.0 39.0

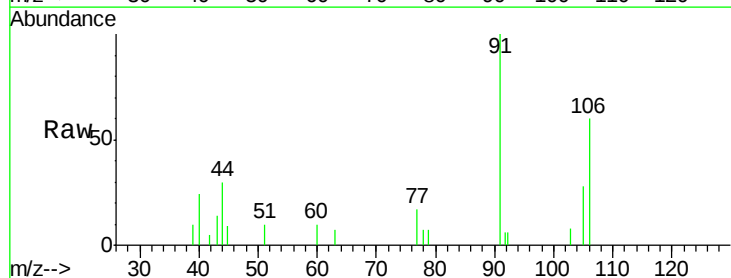


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

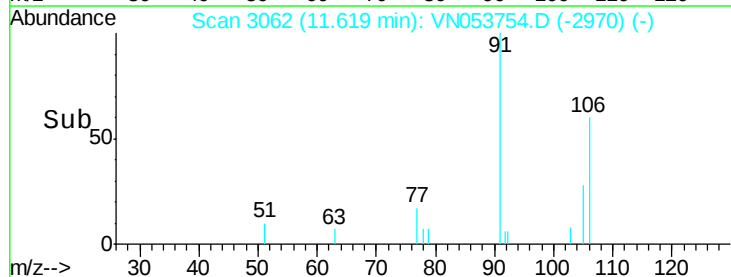
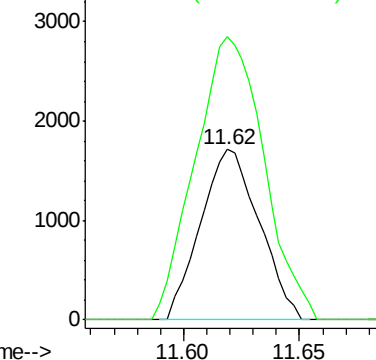


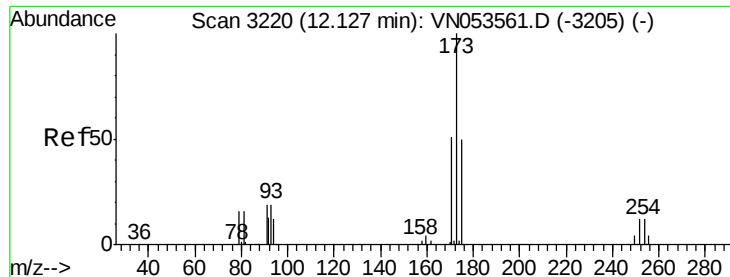
#68
m/p-Xylenes
Concen: 0.210 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053754.D
Acq: 13 Feb 2019 14:48

Tgt Ion:106 Resp: 3016
Ion Ratio Lower Upper
106 100
91 194.2 161.4 242.2



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





#71

Bromoform

Concen: 0.612 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-E

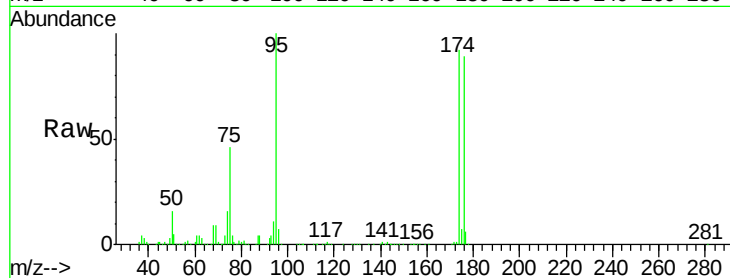
Tot Ion:173 Resp: 3361

Ion Ratio Lower Upper

173 100

175 829.4 24.6 74.0#

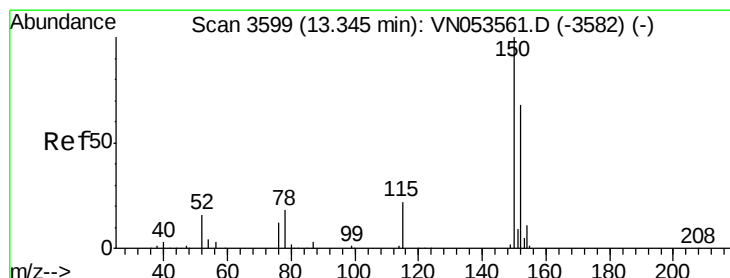
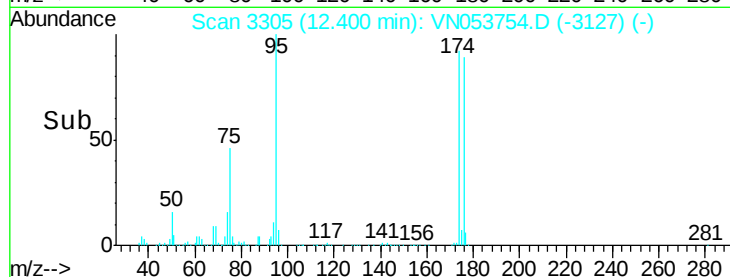
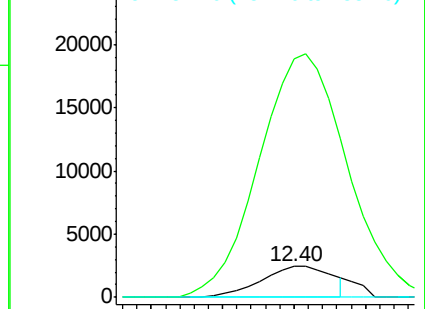
254 0.0 0.2 0.2#



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: VN053754.D

Acq: 13 Feb 2019 14:48

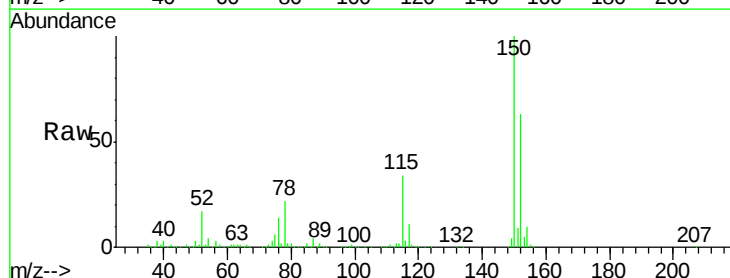
Tgt Ion:152 Resp: 442340

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

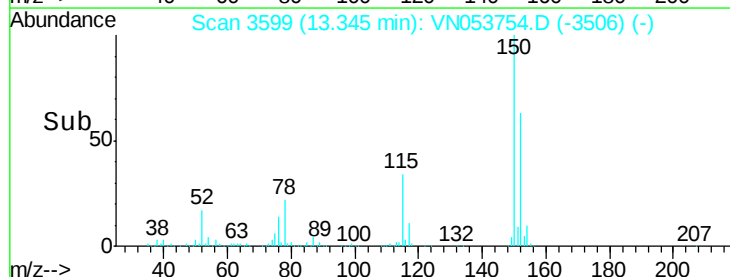
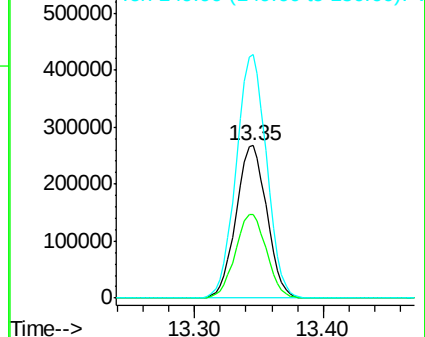
150 158.4 0.0 349.0

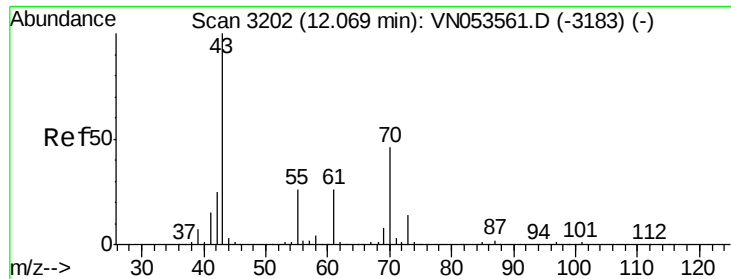


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 2.278 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-E

Tot Ion: 43 Resp: 17035

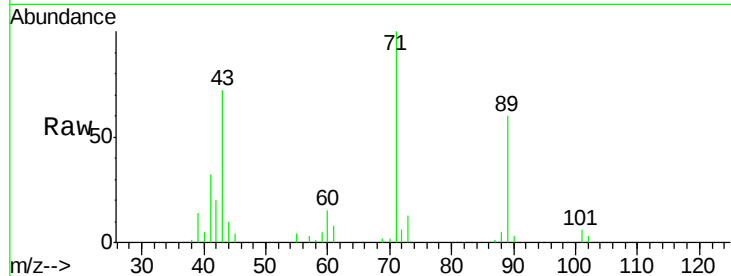
Ion Ratio Lower Upper

43 100

70 2.4 35.4 53.2#

55 5.0 20.9 31.3#

61 12.0 20.5 30.7#

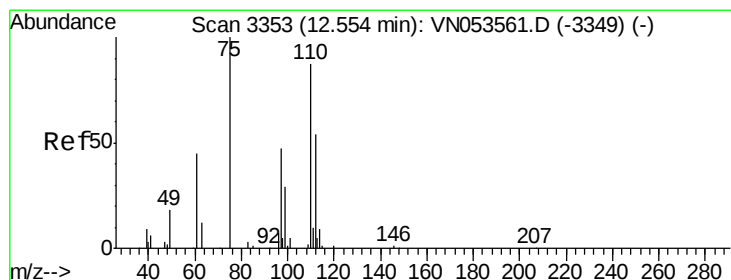
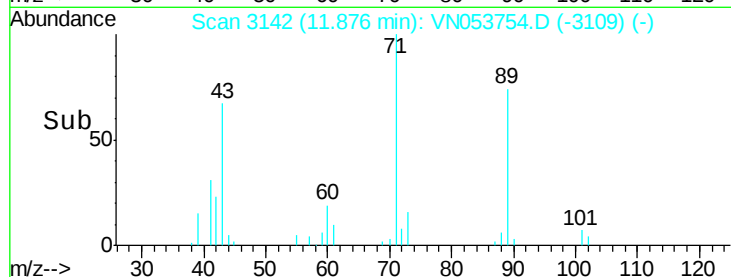
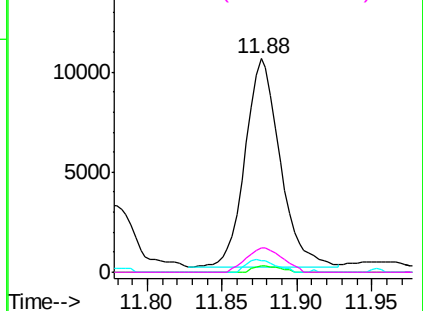


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 37.898 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053754.D

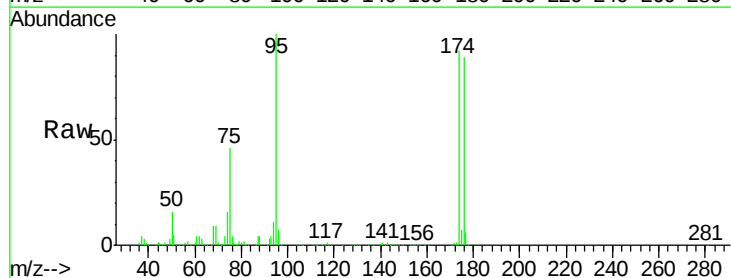
Acq: 13 Feb 2019 14:48

Tgt Ion: 75 Resp: 215322

Ion Ratio Lower Upper

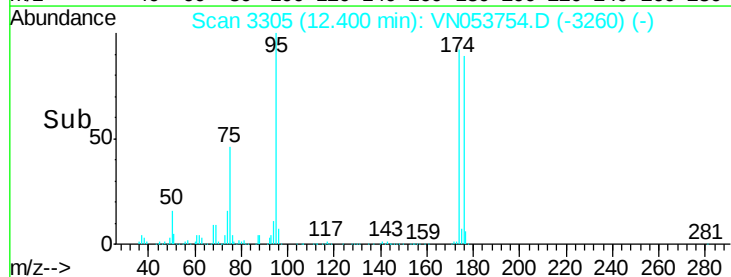
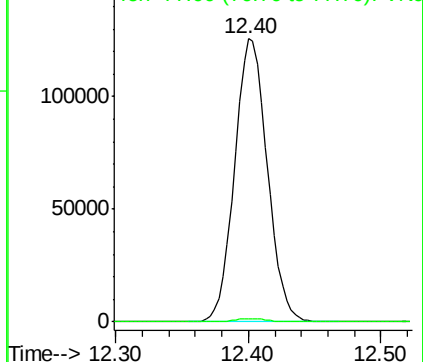
75 100

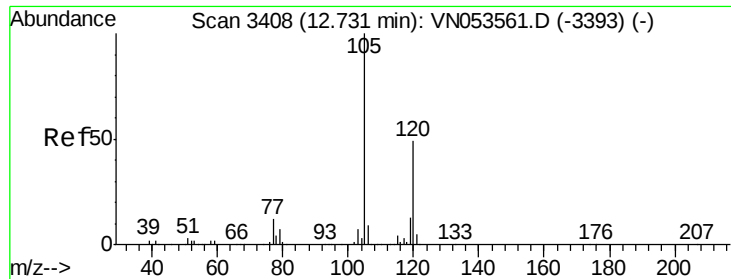
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

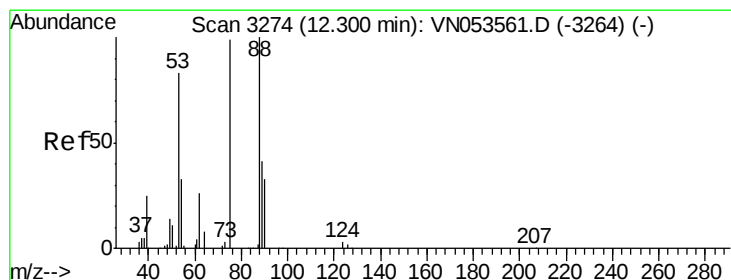
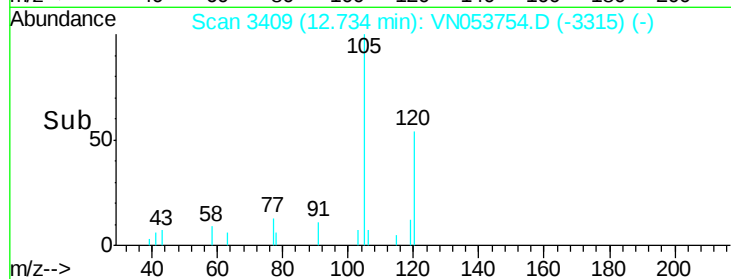
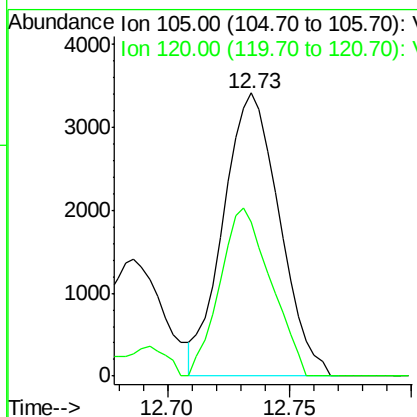
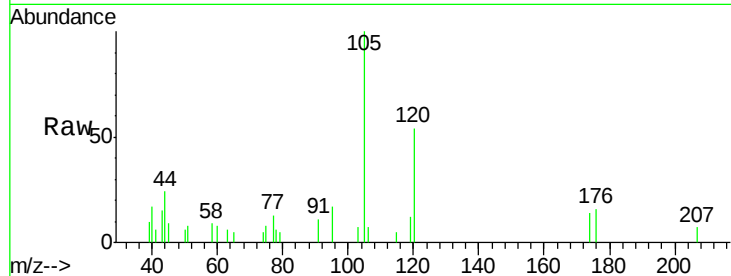




#80
 1,3,5-Trimethylbenzene
 Concen: 0.212 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053754.D
 Acq: 13 Feb 2019 14:48

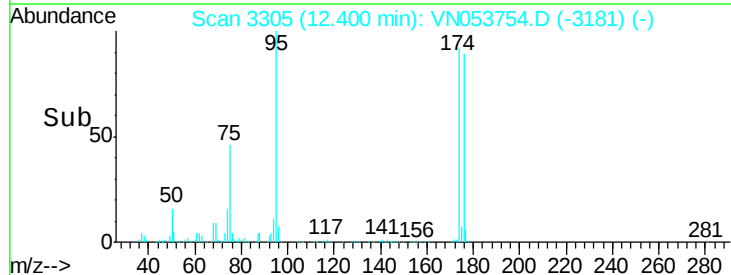
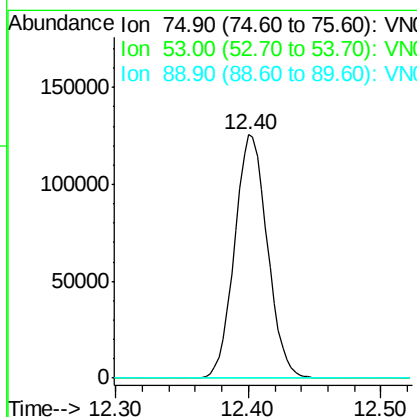
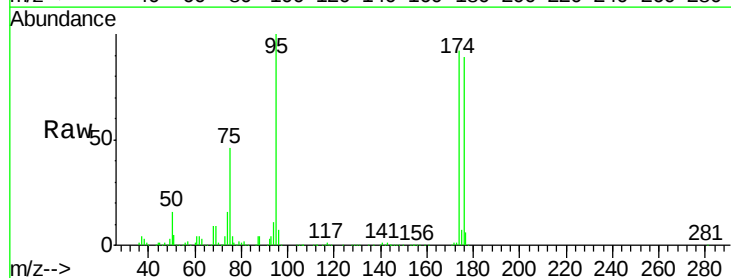
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-E

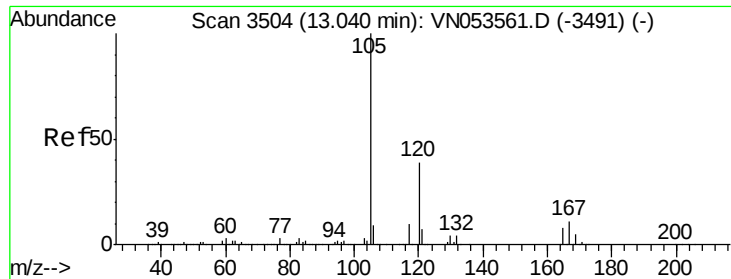
Tot Ion:105 Resp: 5462
 Ion Ratio Lower Upper
 105 100
 120 53.9 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.567 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053754.D
 Acq: 13 Feb 2019 14:48

Tgt Ion: 75 Resp: 215322
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.8 104.6#
 89 0.0 35.6 53.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.326 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

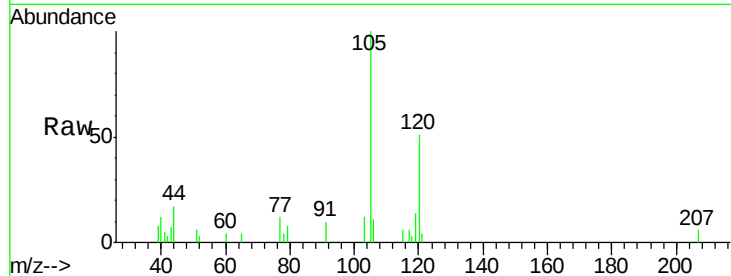
JC-02-021119-E

Tot Ion:105 Resp: 8555

Ion Ratio Lower Upper

105 100

120 46.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

6000

5000

4000

3000

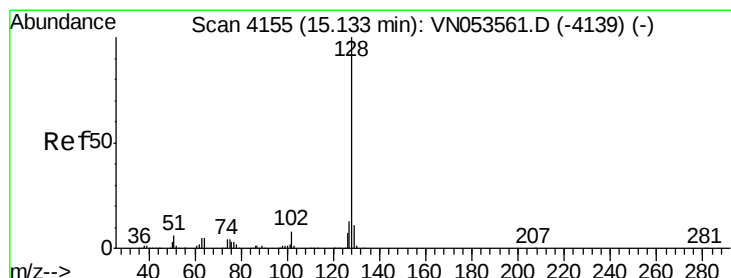
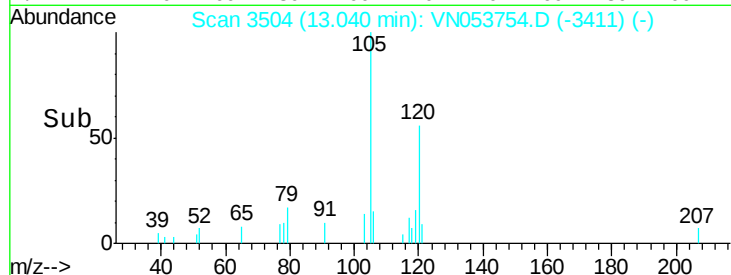
2000

1000

0

13.00 13.05 13.10

Time-->



#95

Naphthalene

Concen: 4.236 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053754.D

Acq: 13 Feb 2019 14:48

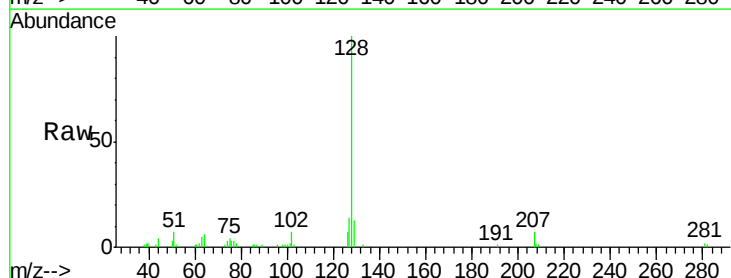
Tgt Ion:128 Resp: 50314

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.6 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

15.13

30000

20000

10000

0

15.05 15.10 15.15 15.20

Time-->

