

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053724.D
 Acq On : 12 Feb 2019 12:25
 Operator : JC/SP
 Sample : PB117023TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117023TB

Quant Time: Feb 13 04:13:10 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	713038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1162611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1071076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	422102	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	376419	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
35) Dibromofluoromethane	7.59	113	368734	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
50) Toluene-d8	10.09	98	1412560	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.40	95	465373	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	

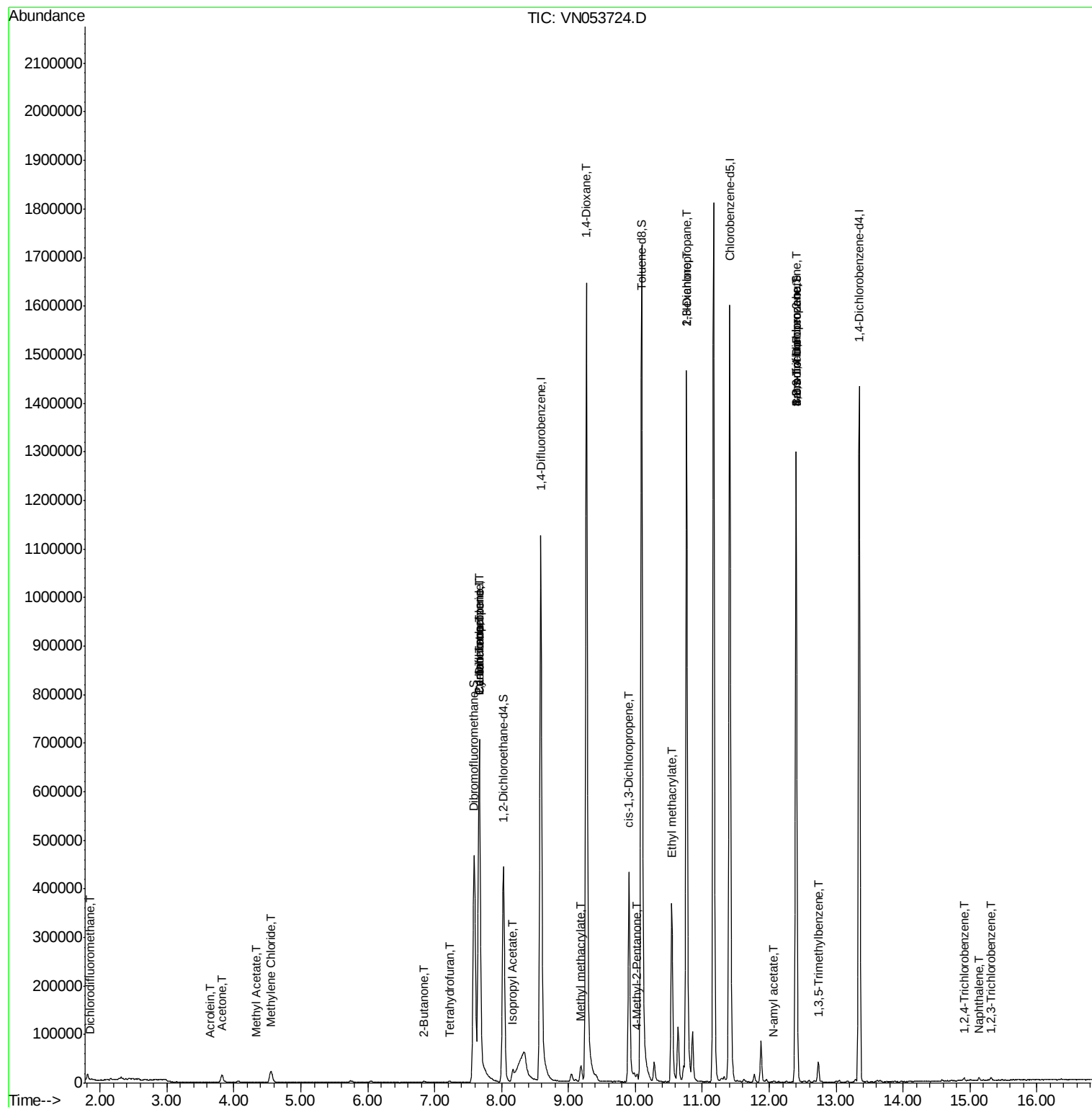
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.86	85	321	0.377	ug/l #	42
13) Acrolein	3.63	56	65	0.282	ug/l #	14
16) Acetone	3.82	43	26472	14.428	ug/l	99
18) Methyl Acetate	4.34	43	2630	0.484	ug/l #	61
20) Methylene Chloride	4.55	84	18453	2.397	ug/l	90
25) 2-Butanone	6.84	43	1715	0.655	ug/l	92
29) Tetrahydrofuran	7.22	42	1743	1.037	ug/l #	41
31) Cyclohexane	7.67	56	10271	0.682	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	43404	4.142	ug/l #	49
38) Carbon Tetrachloride	7.67	117	56350	5.337	ug/l #	16
43) Isopropyl Acetate	8.17	43	33536	2.967	ug/l #	88
48) Methyl methacrylate	9.18	41	13380	2.480	ug/l #	20
49) 1,4-Dioxane	9.28	88	30	39.467	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	11777	2.120	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	93293	7.589	ug/l #	61
56) Ethyl methacrylate	10.54	69	1866	0.228	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	17030	1.442	ug/l #	43
59) 2-Hexanone	10.76	43	218351	57.903	ug/l #	52
71) Bromoform	12.40	173	2753	0.505	ug/l #	1
74) N-amyl acetate	12.06	43	1467	0.206	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	214149	39.499	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	23992	0.975	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	214149	111.068	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.90	180	2407	0.305	ug/l	99
95) Naphthalene	15.13	128	6532	2.076	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	2498	0.341	ug/l	99

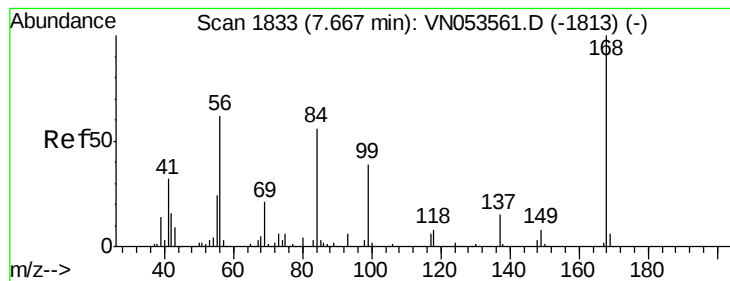
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 13 04:13:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
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: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

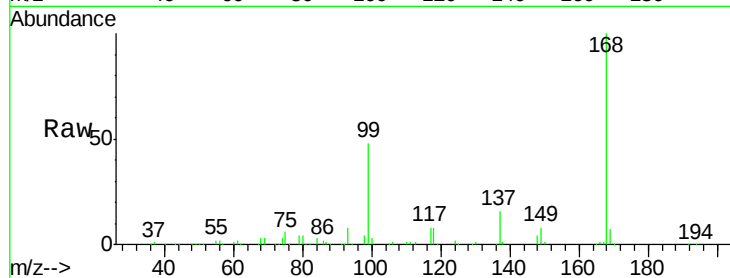
PB117023TB

Tot Ion:168 Resp: 713038

Ion Ratio Lower Upper

168 100

99 48.3 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

250000

200000

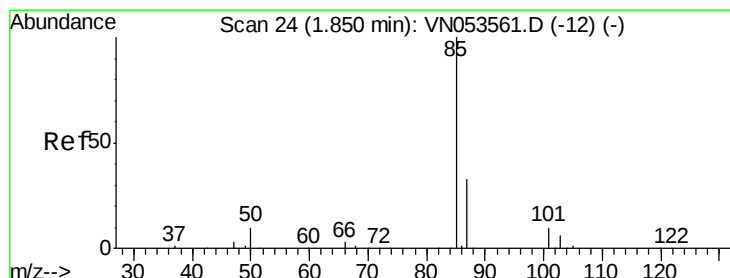
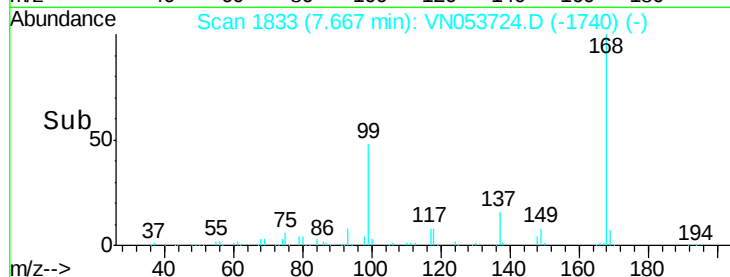
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 0.377 ug/l

RT: 1.86 min Scan# 26

Delta R.T. 0.01 min

Lab File: VN053724.D

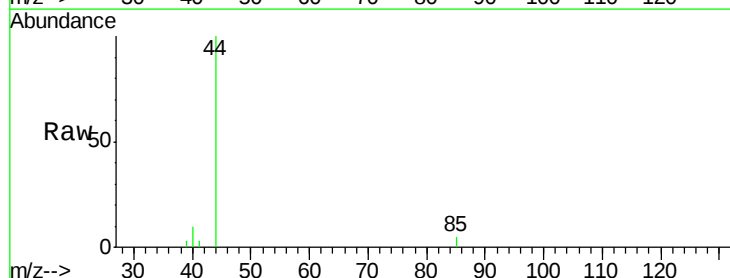
Acq: 12 Feb 2019 12:25

Tgt Ion: 85 Resp: 321

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.86

400

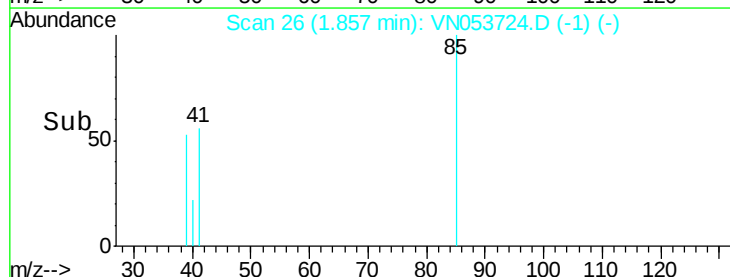
300

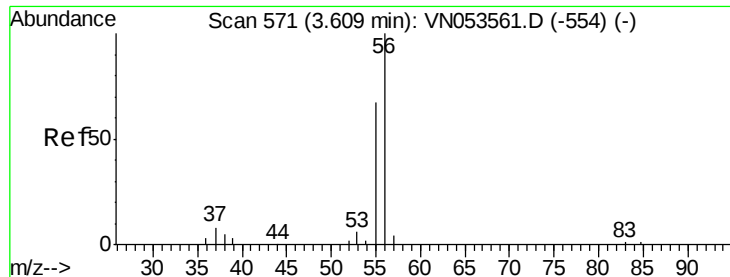
200

100

0

Time--> 1.84 1.86 1.88

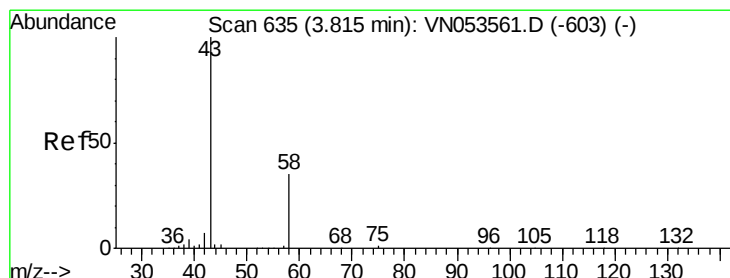
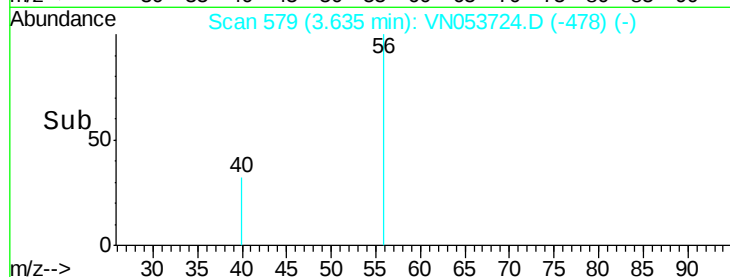
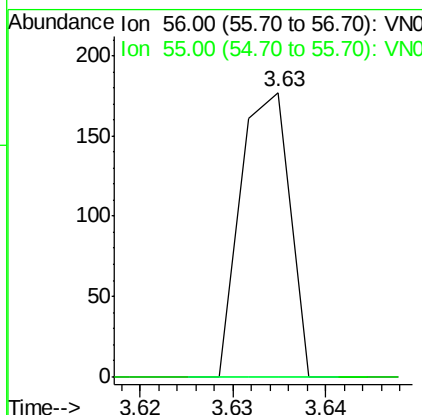
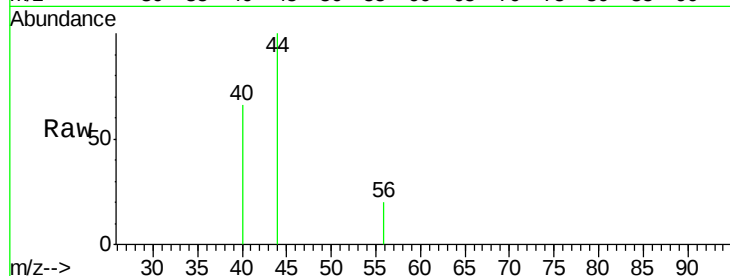




#13
 Acrolein
 Concen: 0.282 ug/l
 RT: 3.63 min Scan# 579
 Delta R.T. 0.03 min
 Lab File: VN053724.D
 Acq: 12 Feb 2019 12:25

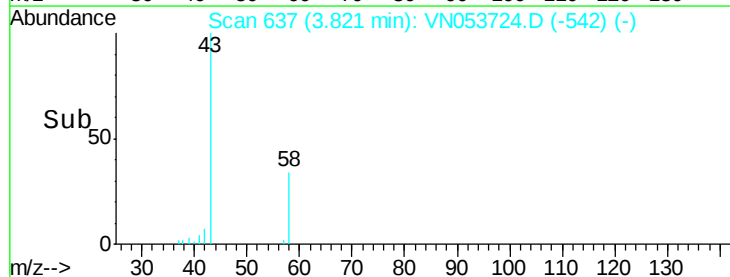
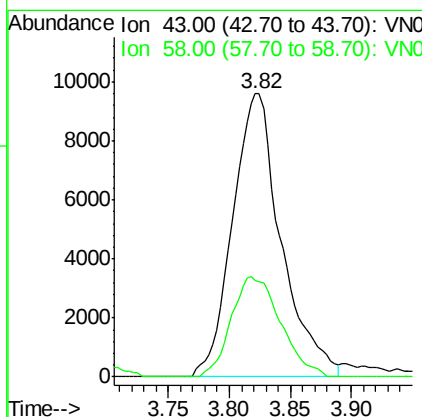
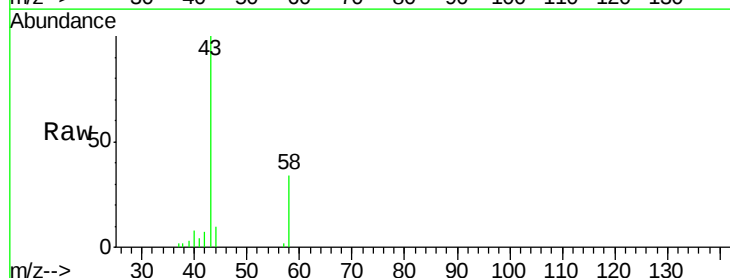
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117023TB

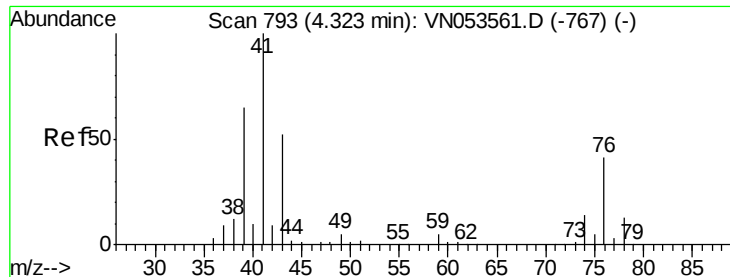
Tot Ion: 56 Resp: 65
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.4 86.0#



#16
 Acetone
 Concen: 14.428 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: VN053724.D
 Acq: 12 Feb 2019 12:25

Tgt Ion: 43 Resp: 26472
 Ion Ratio Lower Upper
 43 100
 58 34.2 27.1 40.7





#18

Methyl Acetate

Concen: 0.484 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

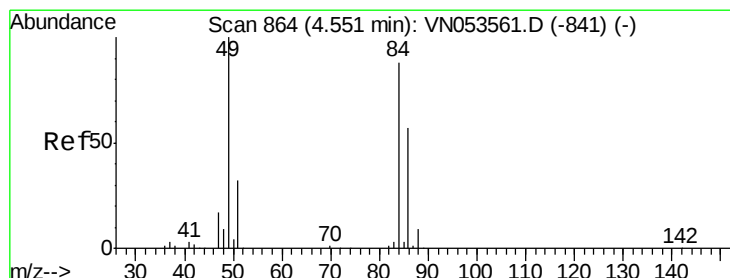
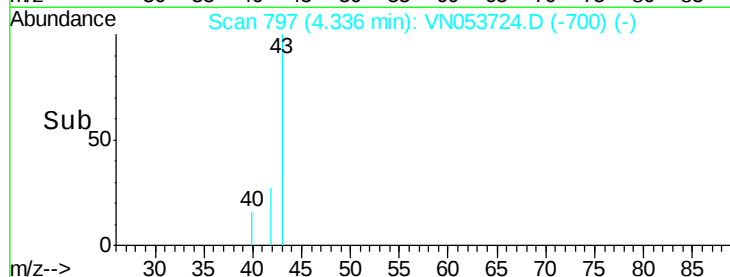
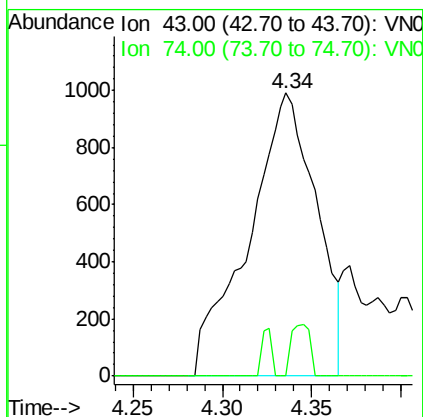
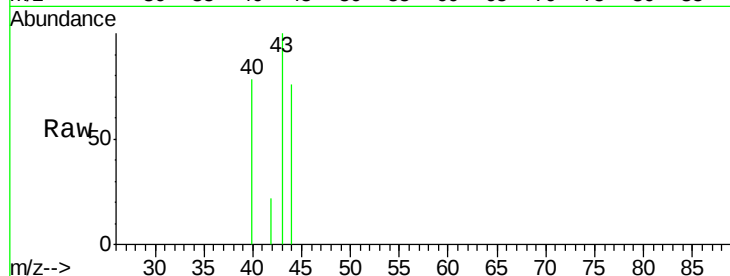
PB117023TB

Tot Ion: 43 Resp: 2630

Ion Ratio Lower Upper

43 100

74 5.0 19.4 29.2#



#20

Methylene Chloride

Concen: 2.397 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Tgt Ion: 84 Resp: 18453

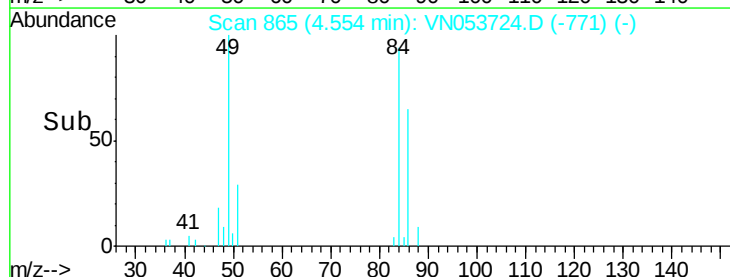
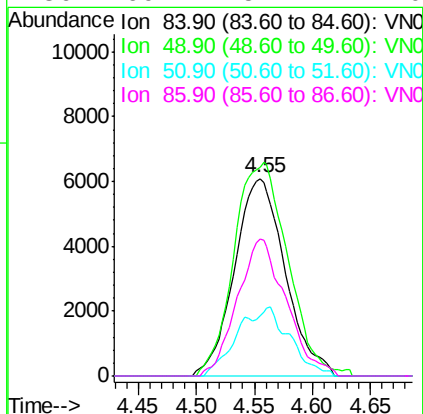
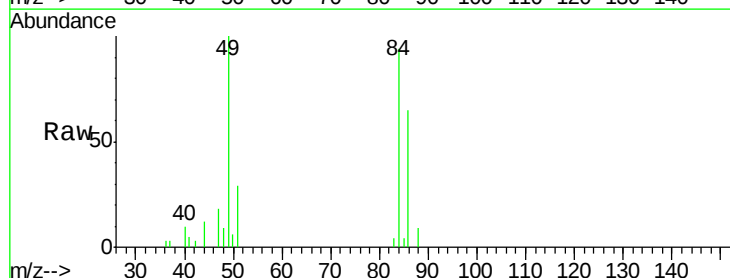
Ion Ratio Lower Upper

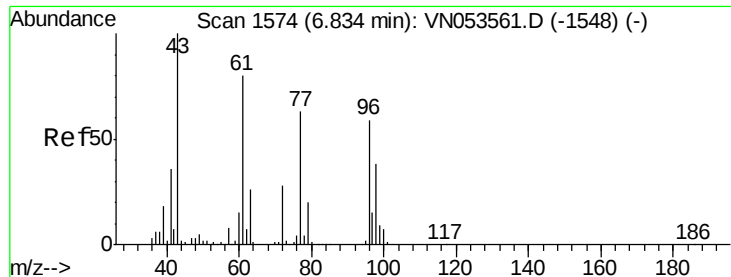
84 100

49 105.9 94.3 141.5

51 30.5 29.4 44.2

86 69.2 51.4 77.0

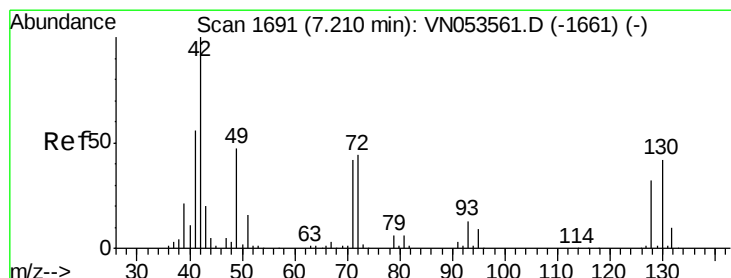
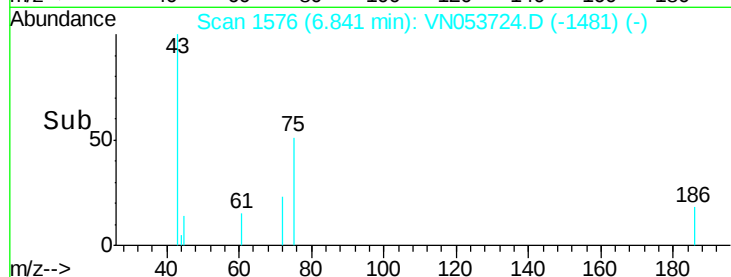
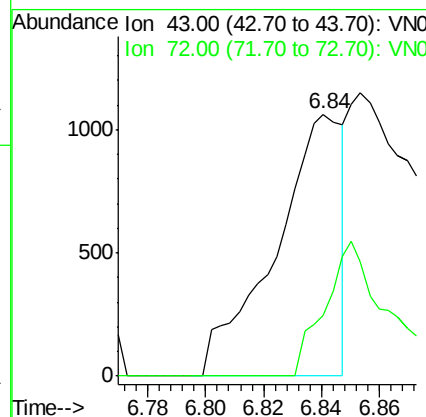
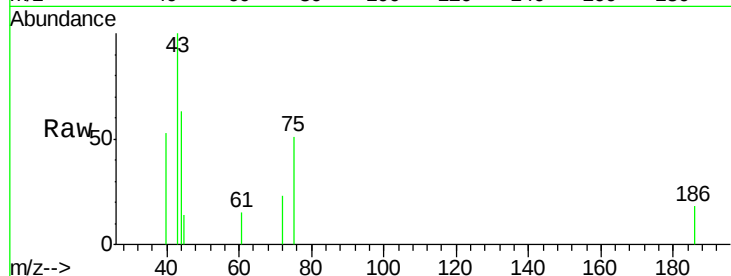




#25
2-Butanone
Concen: 0.655 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053724.D
Acq: 12 Feb 2019 12:25

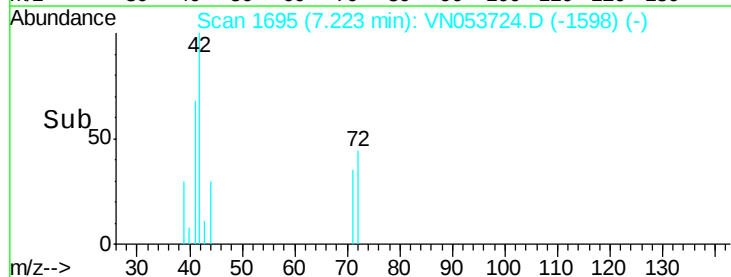
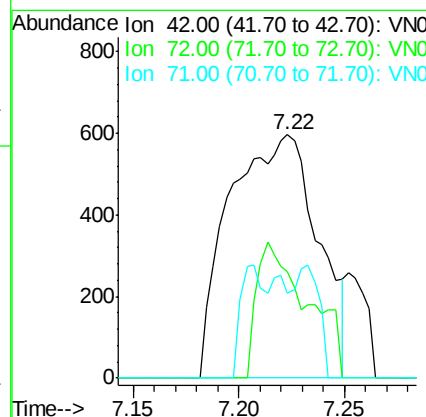
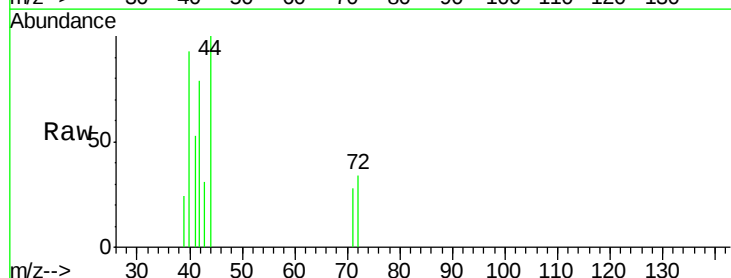
Instrument :
MSVOA_N
ClientSampled :
PB117023TB

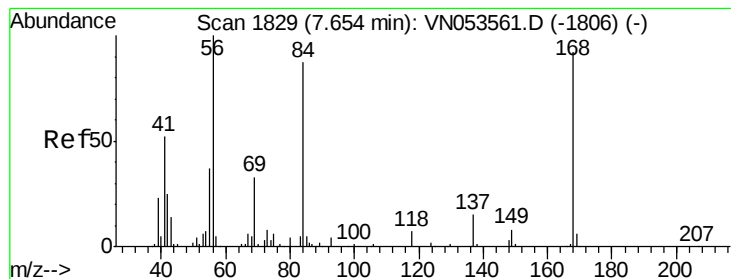
Tot Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
72 23.2 22.0 33.0



#29
Tetrahydrofuran
Concen: 1.037 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN053724.D
Acq: 12 Feb 2019 12:25

Tgt Ion: 42 Resp: 1743
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 10.6 33.0 49.4#





#31

Cyclohexane

Concen: 0.682 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

PB117023TB

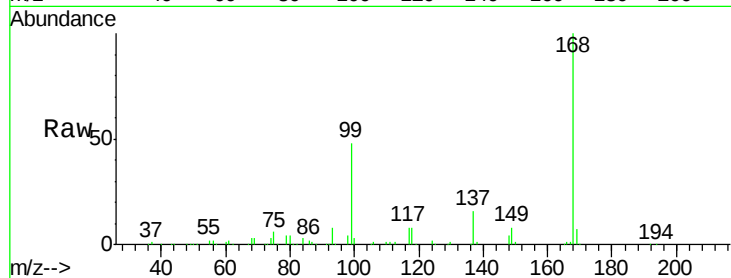
Tot Ion: 56 Resp: 10271

Ion Ratio Lower Upper

56 100

69 176.2 26.4 39.6#

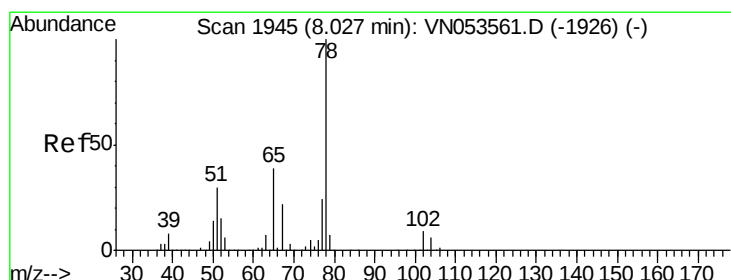
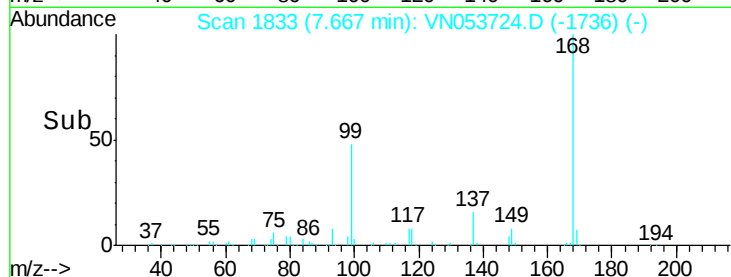
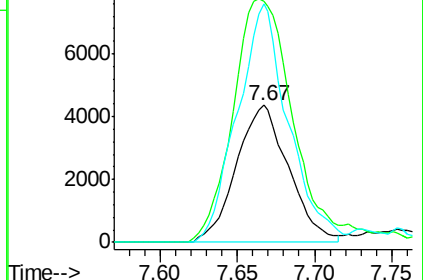
84 173.8 67.9 101.9#



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: 52.623 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053724.D

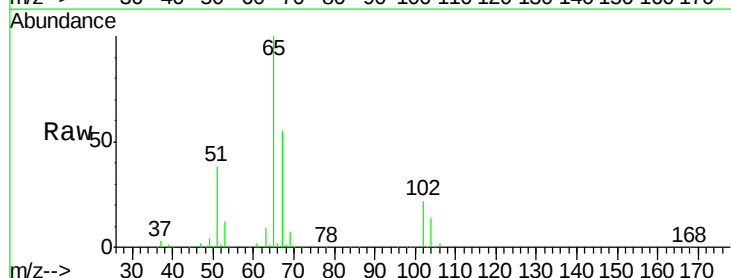
Acq: 12 Feb 2019 12:25

Tgt Ion: 65 Resp: 376419

Ion Ratio Lower Upper

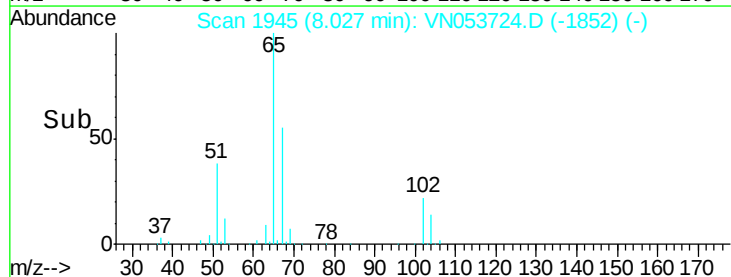
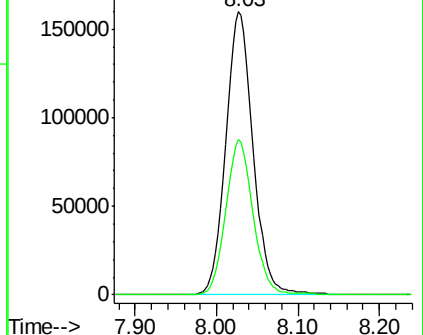
65 100

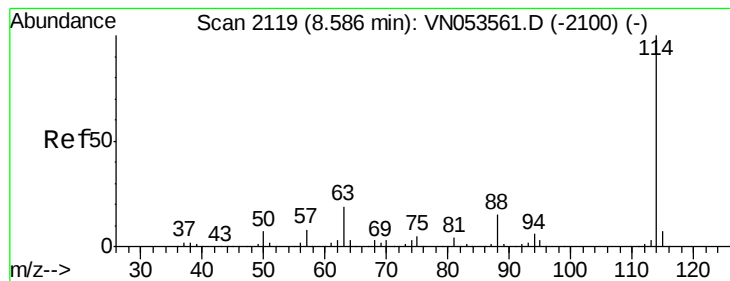
67 54.9 0.0 111.2



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: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

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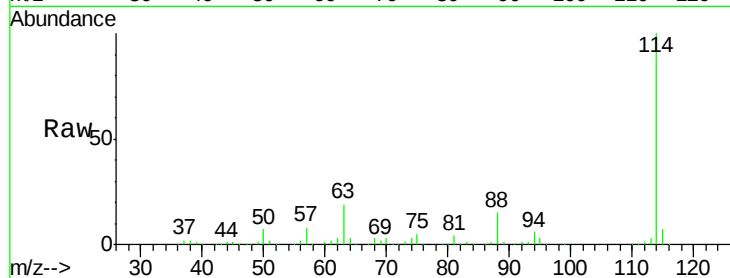
Tot Ion:114 Resp: 1162611

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

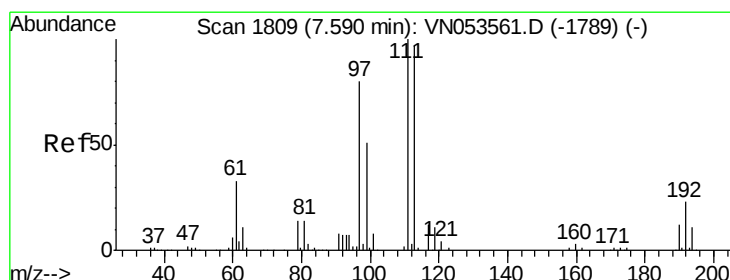
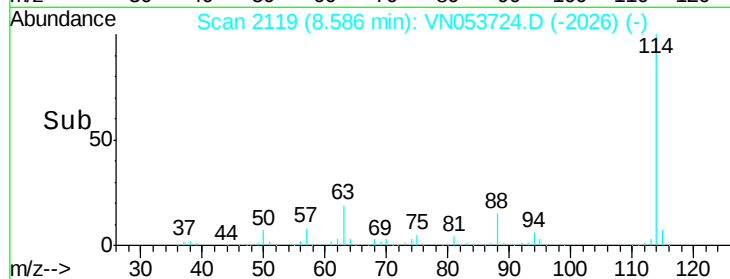
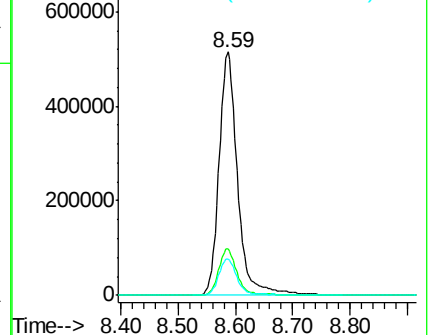
88 15.1 0.0 30.4



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: 50.194 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

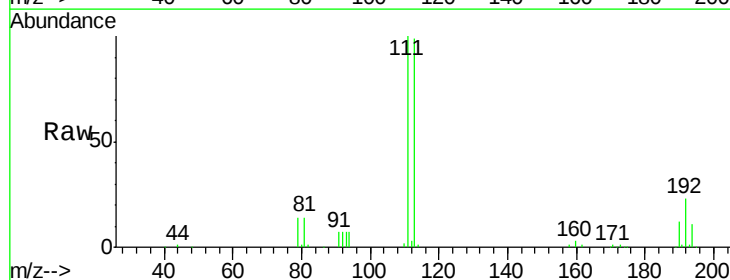
Tgt Ion:113 Resp: 368734

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

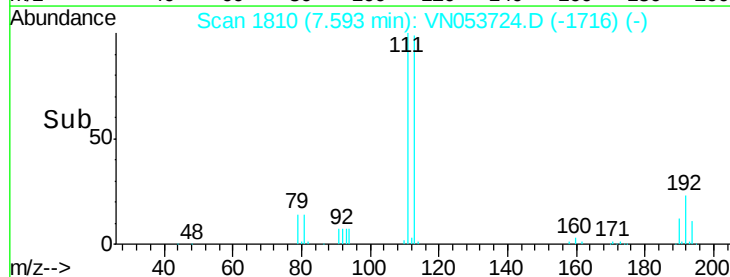
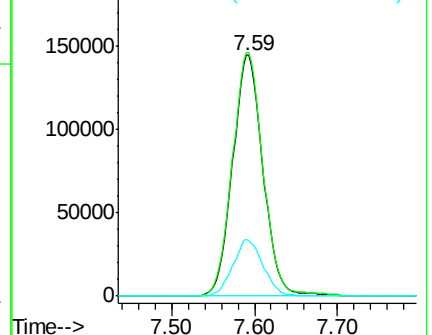
192 23.5 18.2 27.2

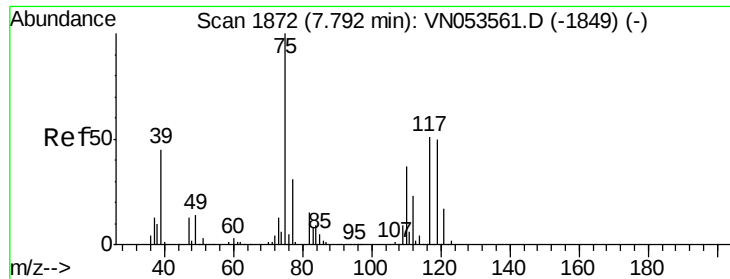


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.142 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

PB117023TB

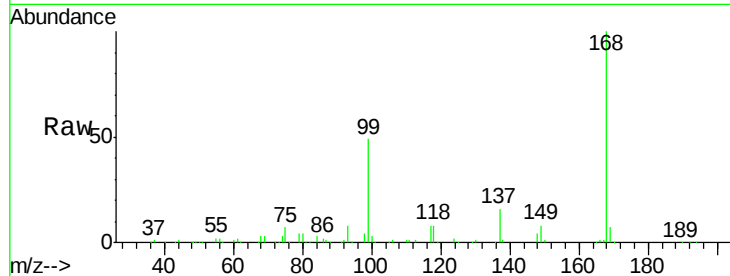
Tot Ion: 75 Resp: 43404

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.3#

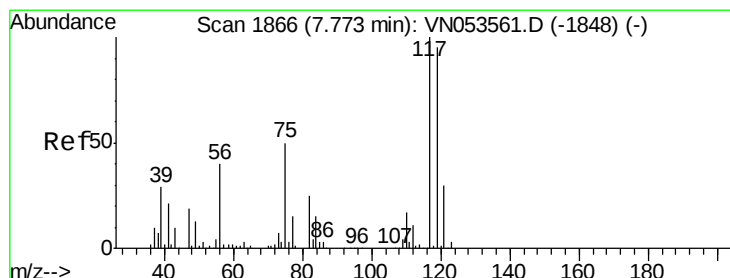
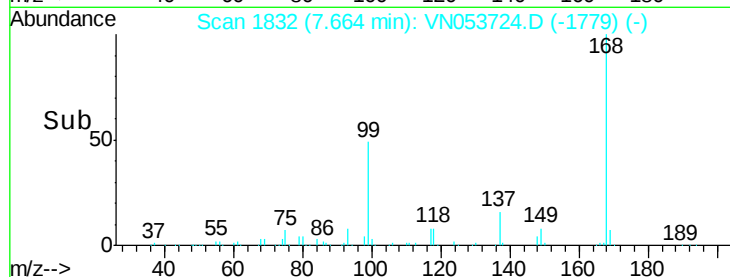
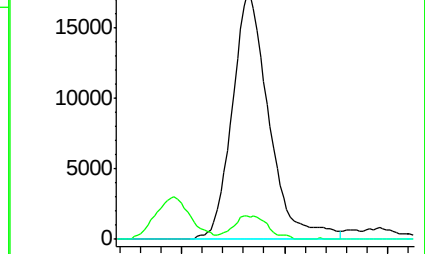
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN053724.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN053724.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN053724.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 5.337 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

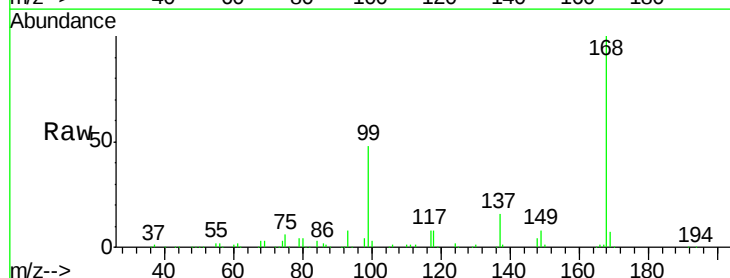
Tgt Ion: 117 Resp: 56350

Ion Ratio Lower Upper

117 100

119 6.0 77.2 115.8#

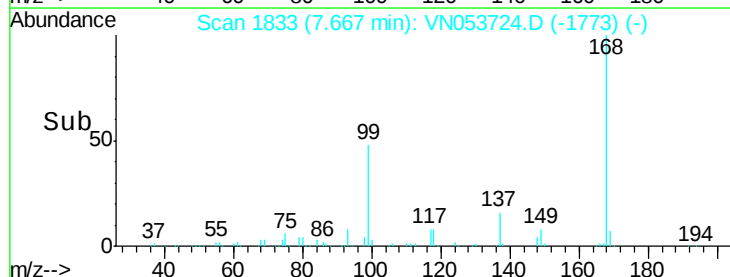
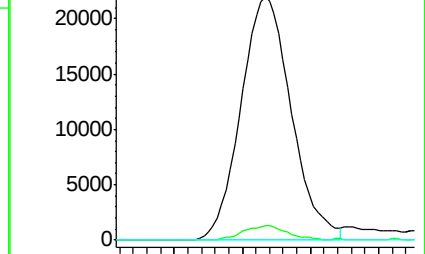
121 0.0 24.6 37.0#

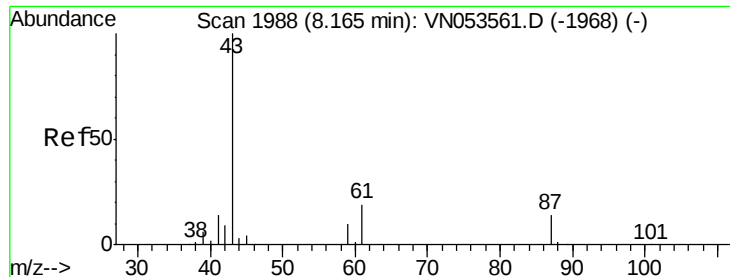


Abundance Ion 116.80 (116.50 to 117.50): VN053724.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053724.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053724.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 2.967 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampleID :

PB117023TB

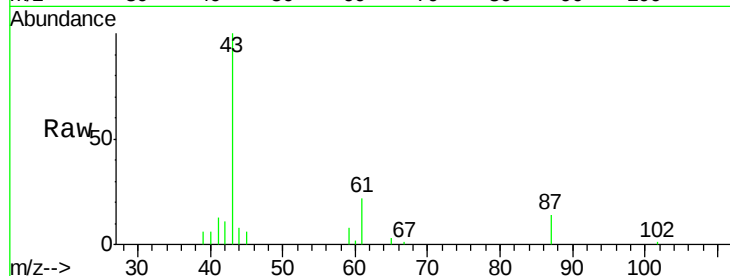
Tot Ion: 43 Resp: 33536

Ion Ratio Lower Upper

43 100

61 21.1 23.9 35.9#

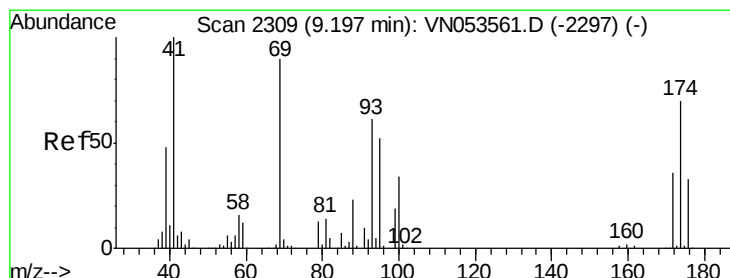
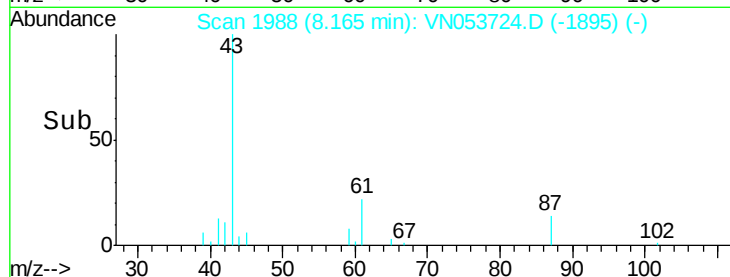
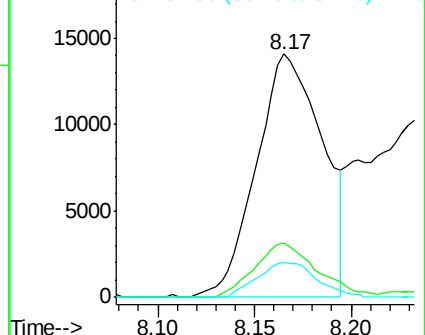
87 12.9 11.0 16.6



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



#48

Methyl methacrylate

Concen: 2.480 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

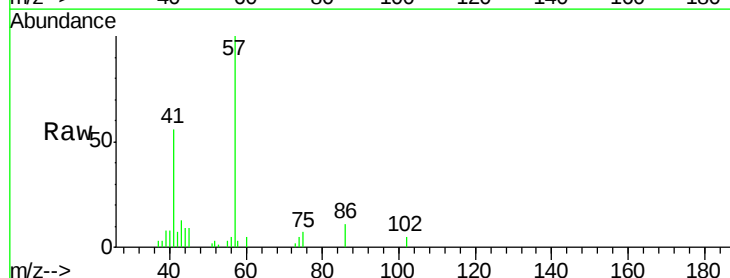
Tgt Ion: 41 Resp: 13380

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

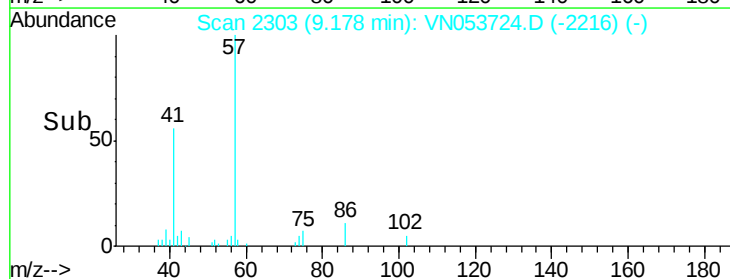
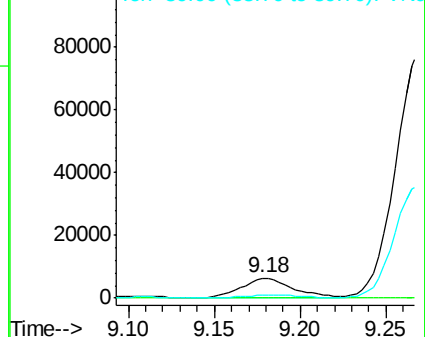
39 16.9 40.0 60.0#

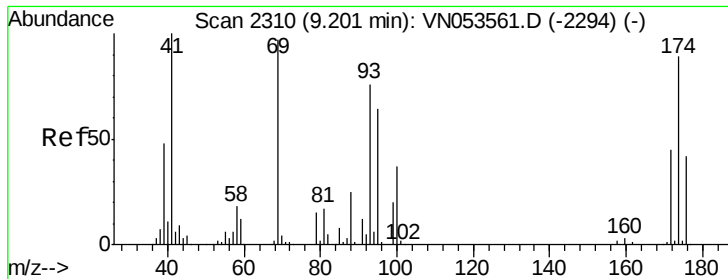


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 39.467 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.08 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

PB117023TB

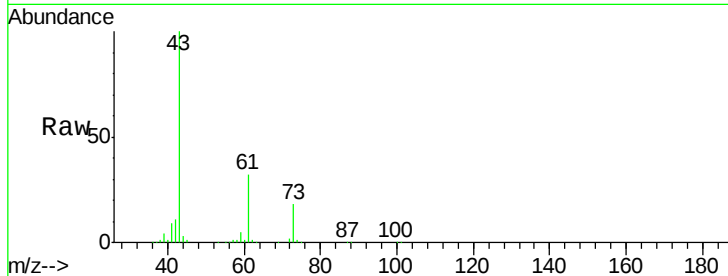
Tot Ion: 88 Resp: 30

Ion Ratio Lower Upper

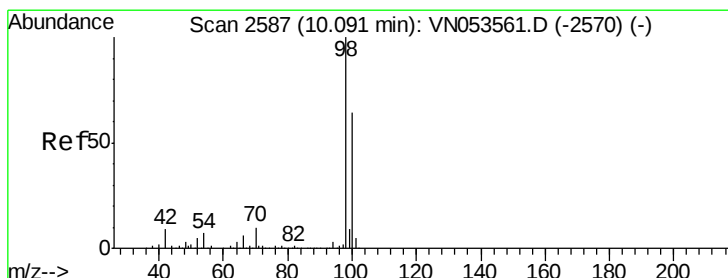
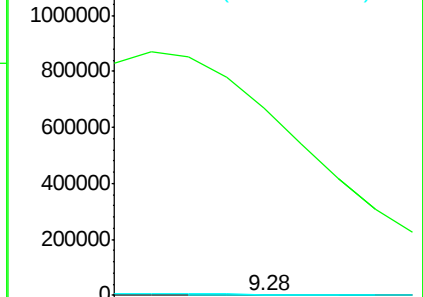
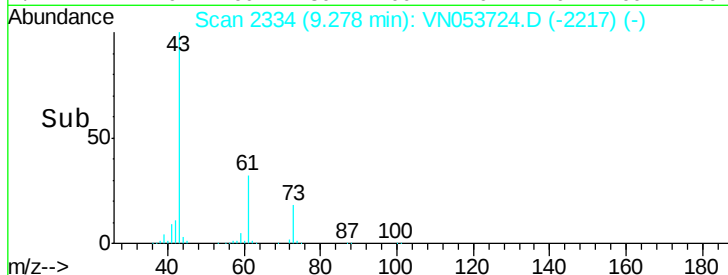
88 100

43 5930436.7 27.8 41.6#

58 28833.3 56.5 84.7#



Abundance Ion 88.00 (87.70 to 88.70): VN053724.D (-2217) (-)



#50

Toluene-d8

Concen: 51.210 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053724.D

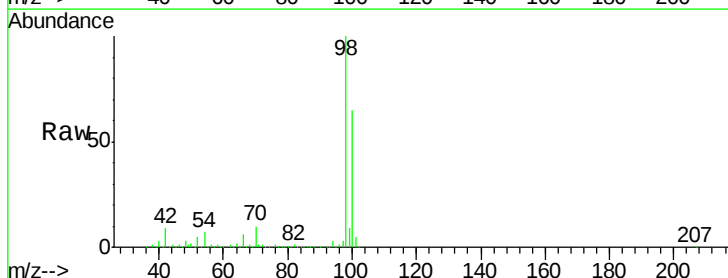
Acq: 12 Feb 2019 12:25

Tgt Ion: 98 Resp: 1412560

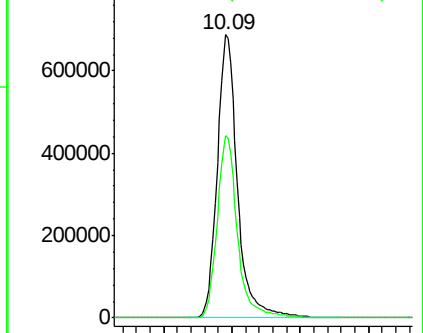
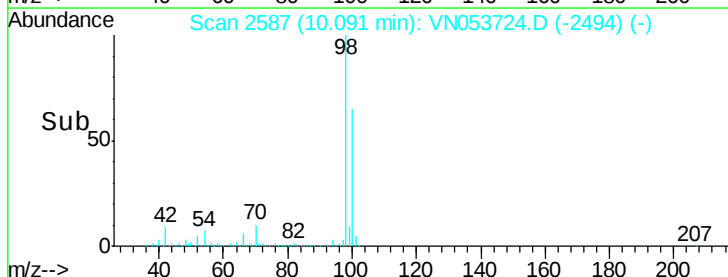
Ion Ratio Lower Upper

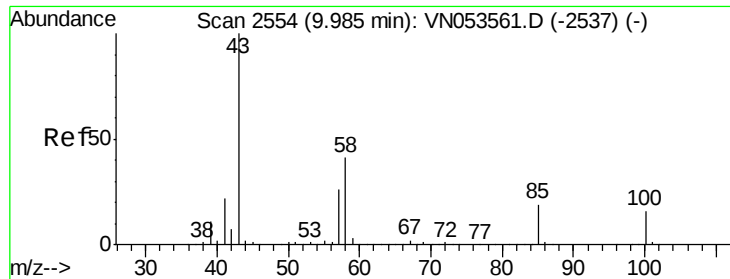
98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053724.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 2.120 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

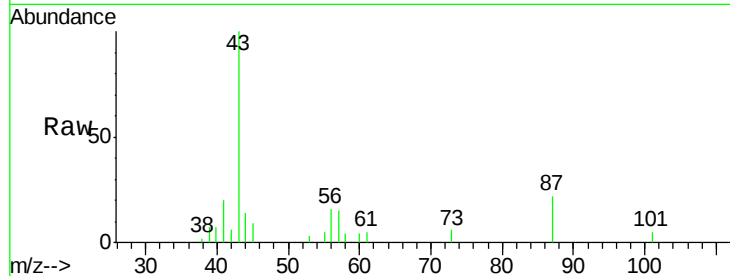
PB117023TB

Tot Ion: 43 Resp: 11777

Ion Ratio Lower Upper

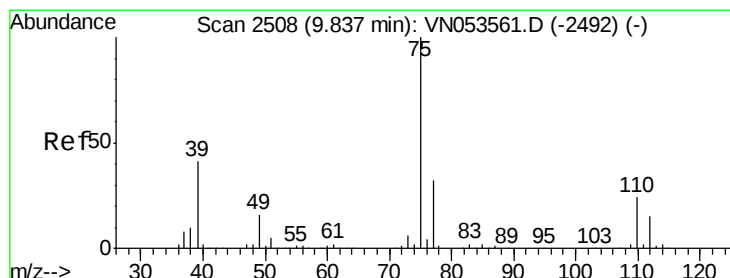
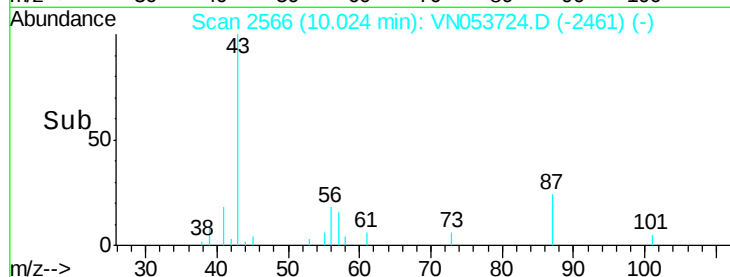
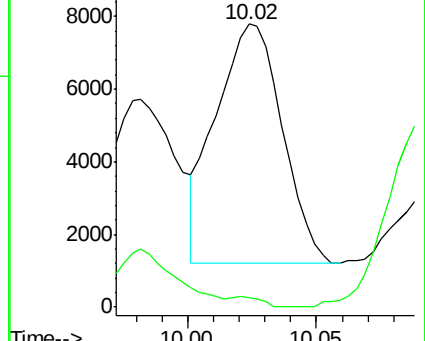
43 100

58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 7.589 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

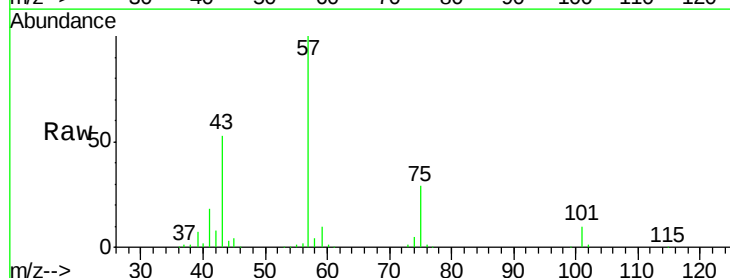
Tgt Ion: 75 Resp: 93293

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

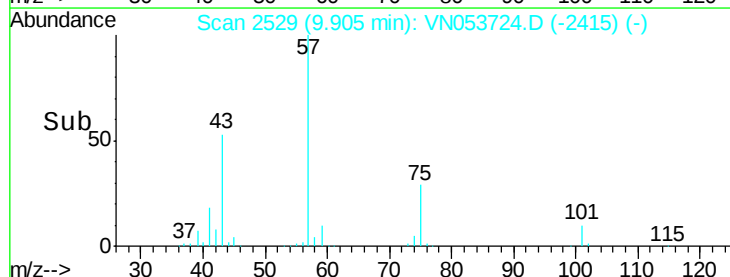
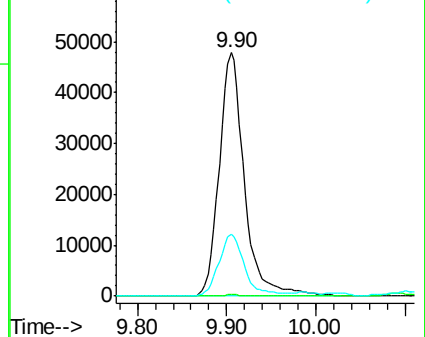
39 25.2 33.4 50.0#

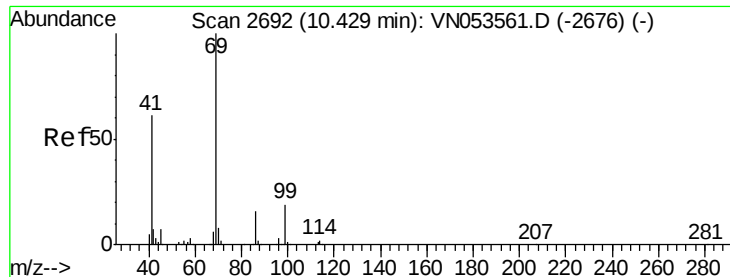


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.228 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampleID :

PB117023TB

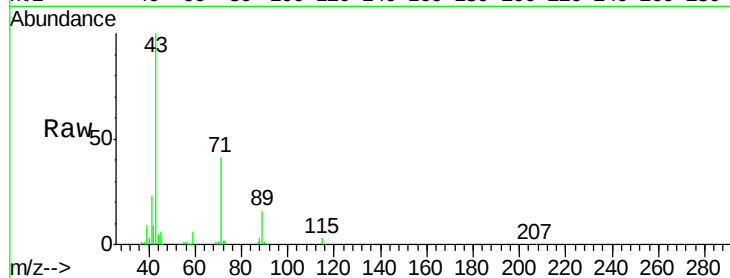
Tot Ion: 69 Resp: 1866

Ion Ratio Lower Upper

69 100

41 3676.4 49.4 74.0#

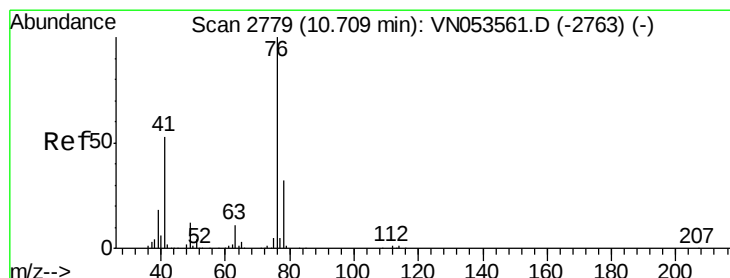
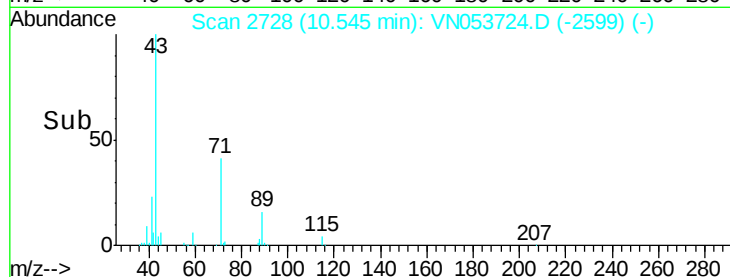
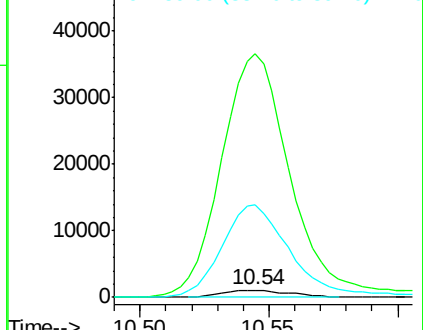
39 1382.5 23.3 34.9#



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: 1.442 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN053724.D

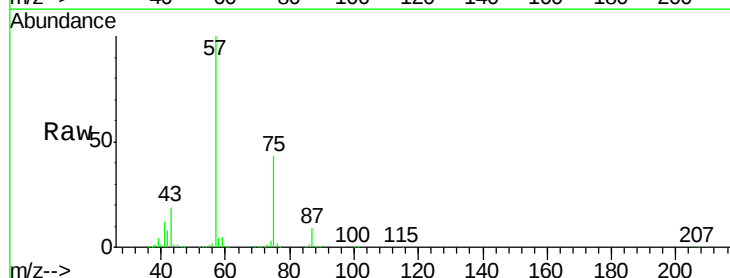
Acq: 12 Feb 2019 12:25

Tgt Ion: 76 Resp: 17030

Ion Ratio Lower Upper

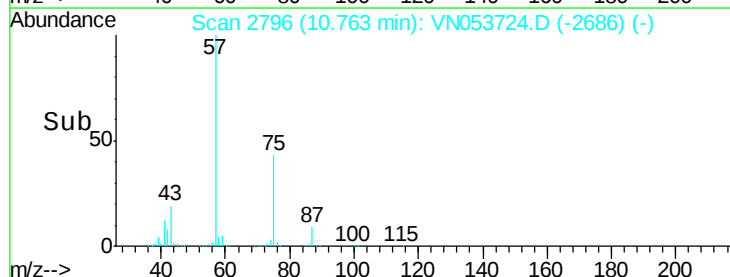
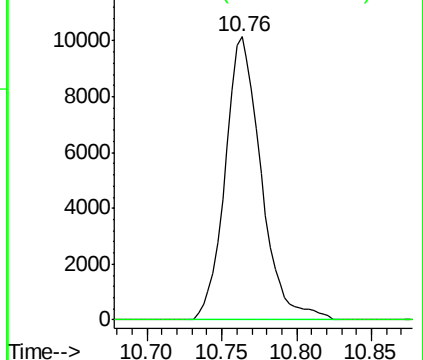
76 100

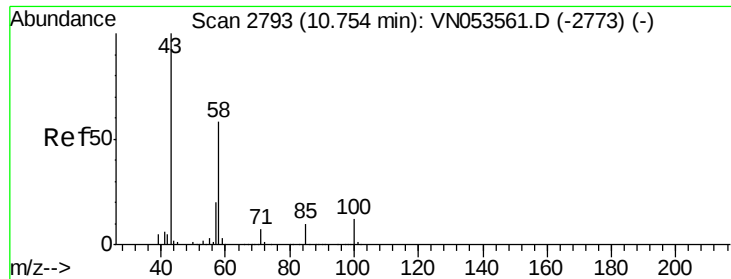
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

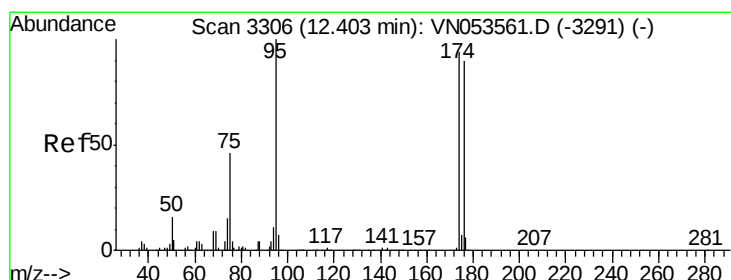
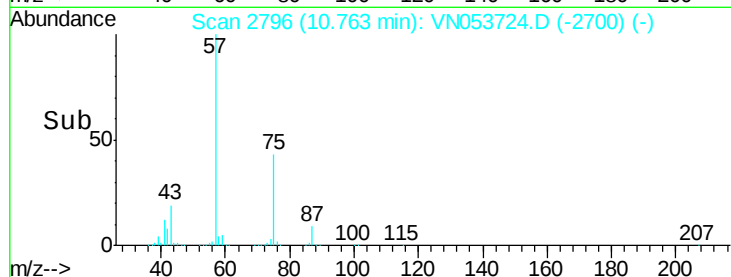
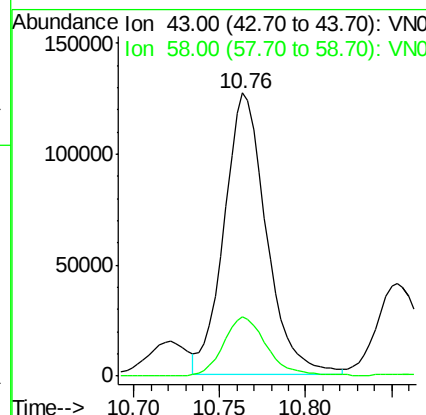
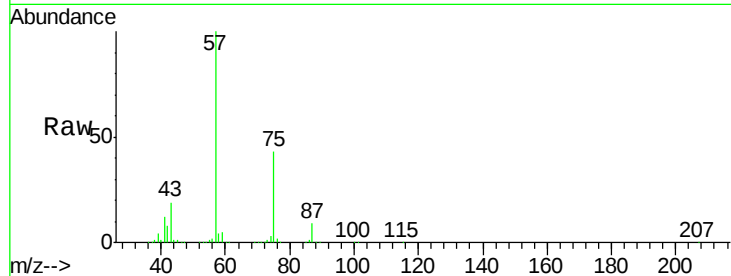




#59
2-Hexanone
Concen: 57.903 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053724.D
Acq: 12 Feb 2019 12:25

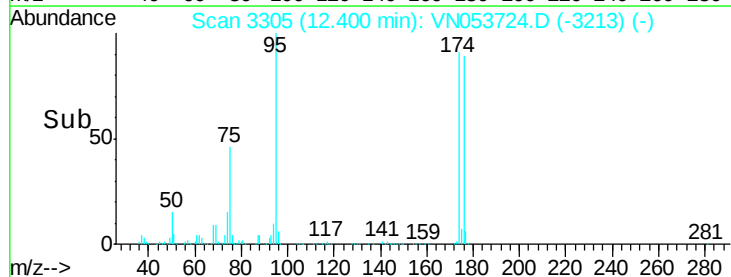
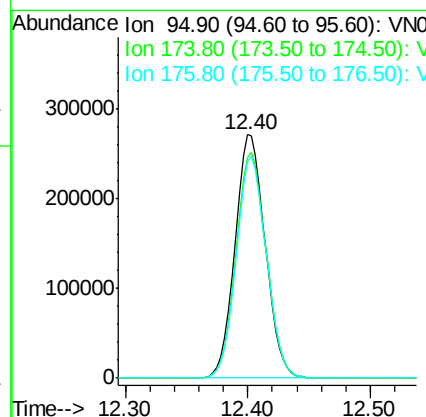
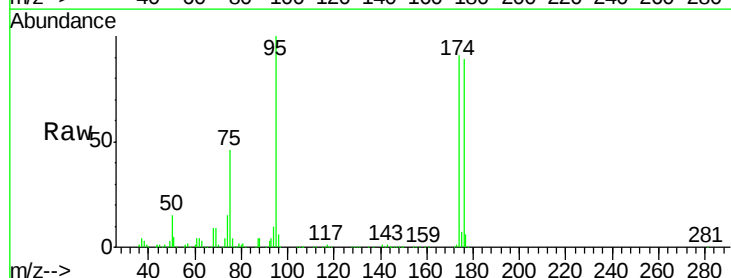
Instrument :
MSVOA_N
ClientSampled :
PB117023TB

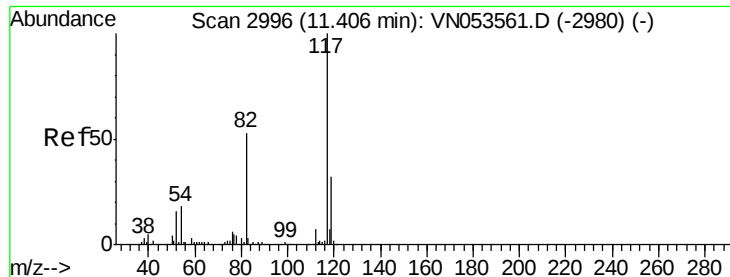
Tot Ion: 43 Resp: 218351
Ion Ratio Lower Upper
43 100
58 21.9 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 50.586 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053724.D
Acq: 12 Feb 2019 12:25

Tgt Ion: 95 Resp: 465373
Ion Ratio Lower Upper
95 100
174 93.0 0.0 183.2
176 90.6 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: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

PB117023TB

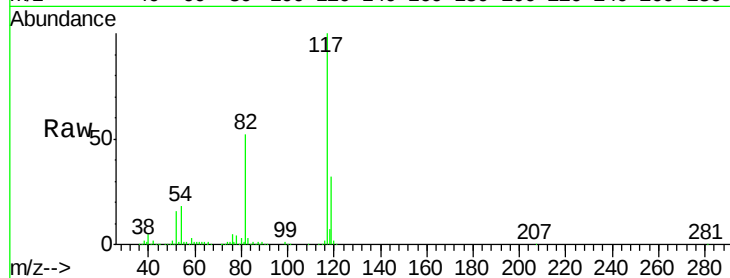
Tot Ion:117 Resp: 1071076

Ion Ratio Lower Upper

117 100

82 51.8 42.9 64.3

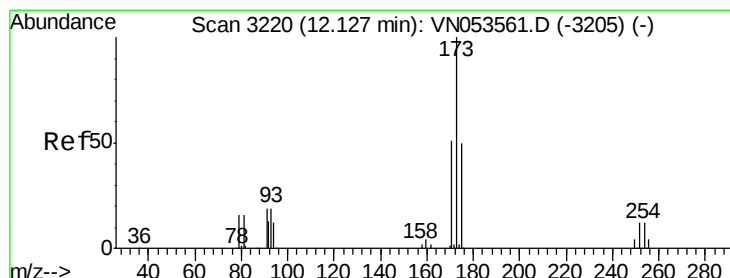
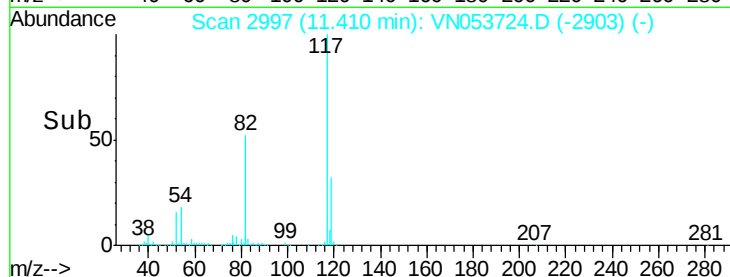
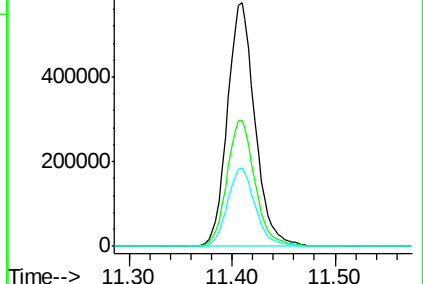
119 32.3 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 0.505 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

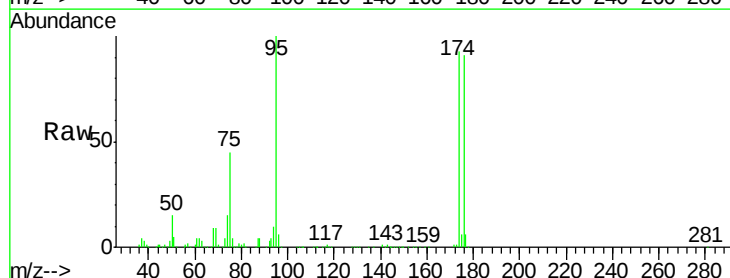
Tgt Ion:173 Resp: 2753

Ion Ratio Lower Upper

173 100

175 959.6 24.6 74.0#

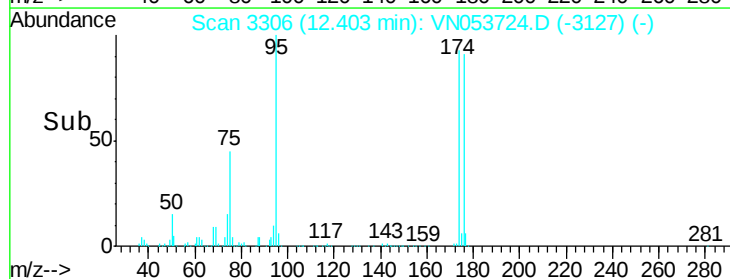
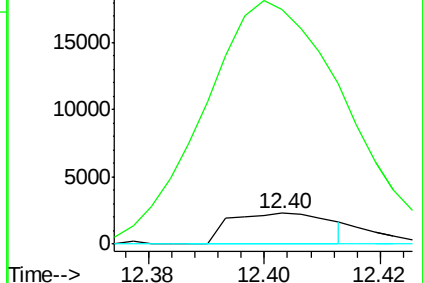
254 0.0 0.2 0.2#

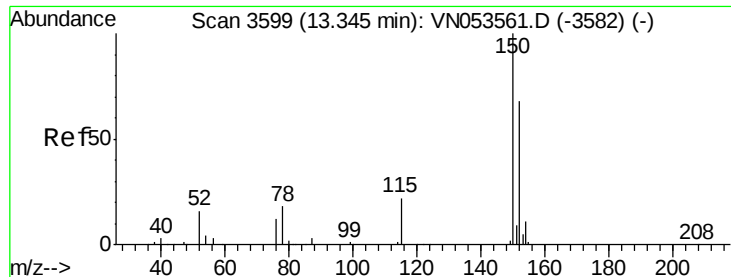


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

PB117023TB

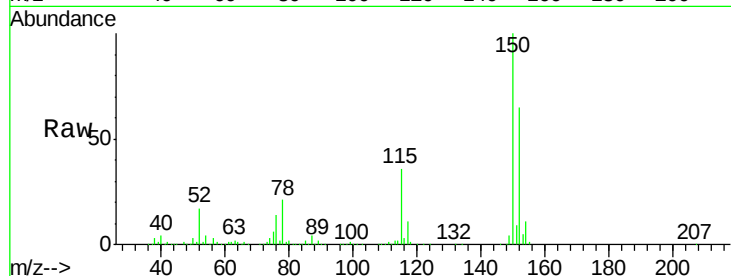
Tot Ion:152 Resp: 422102

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

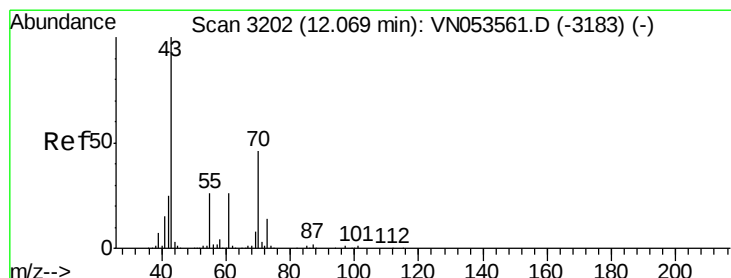
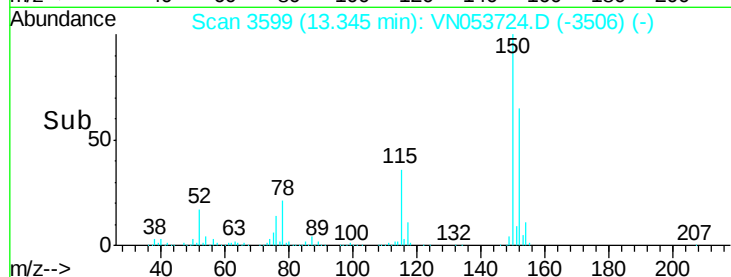
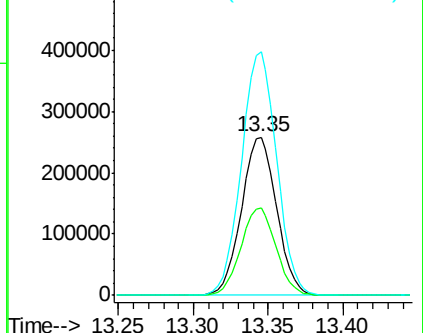
150 154.9 0.0 349.0



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-ethyl acetate

Concen: 0.206 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.01 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Tgt Ion: 43 Resp: 1467

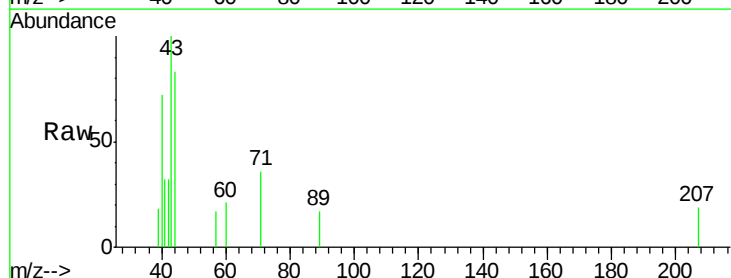
Ion Ratio Lower Upper

43 100

70 19.2 35.4 53.2#

55 0.0 20.9 31.3#

61 0.0 20.5 30.7#

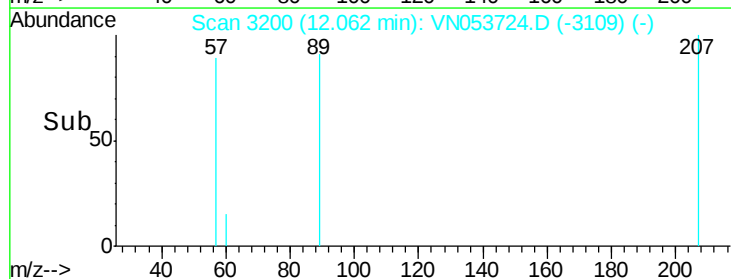
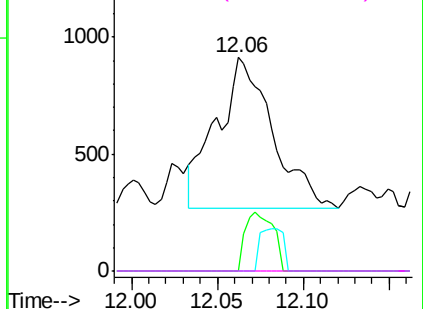


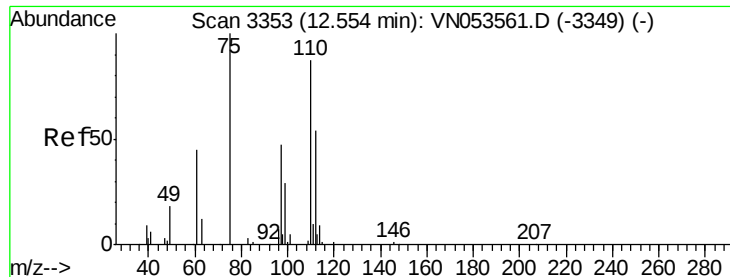
Abundance Ion 43.00 (42.70 to 43.70): V

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: 39.499 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

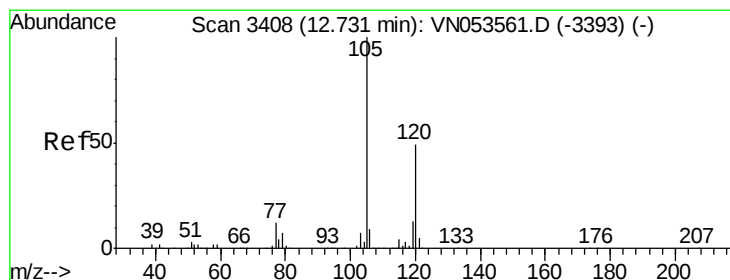
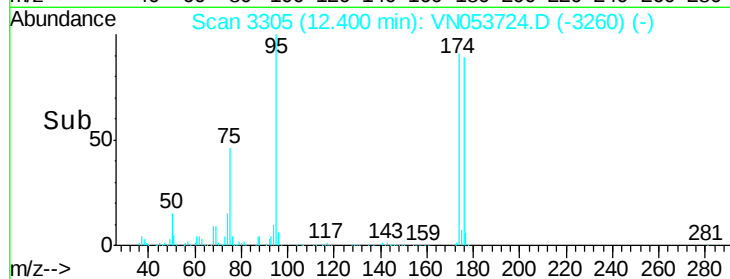
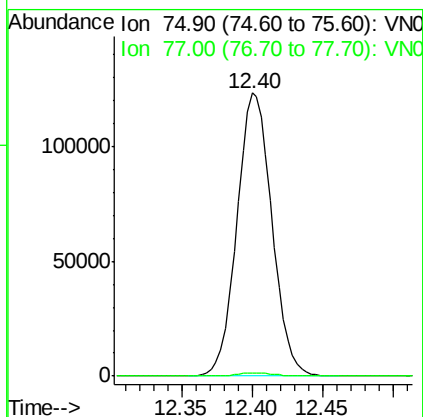
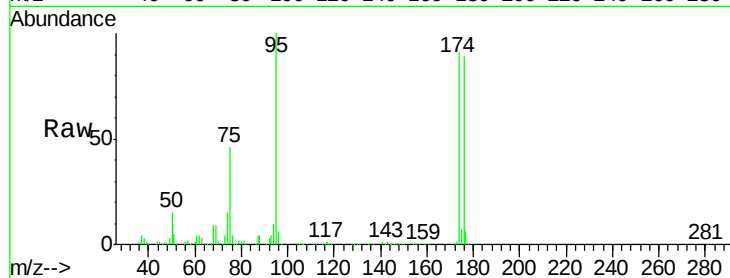
PB117023TB

Tot Ion: 75 Resp: 214149

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.975 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053724.D

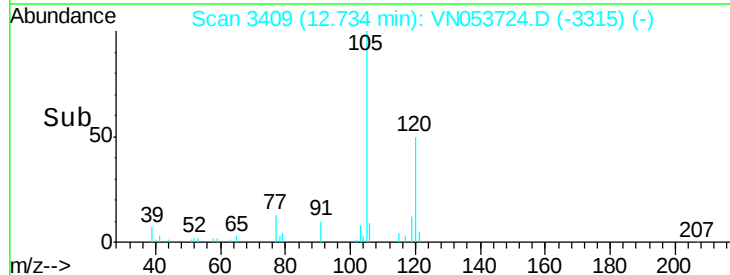
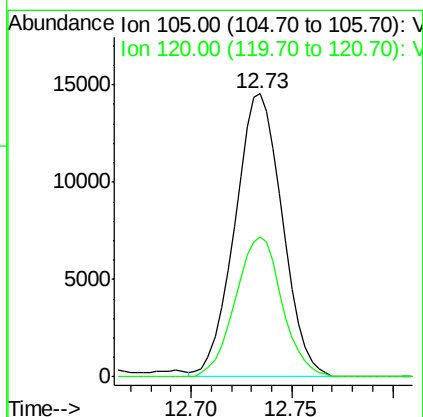
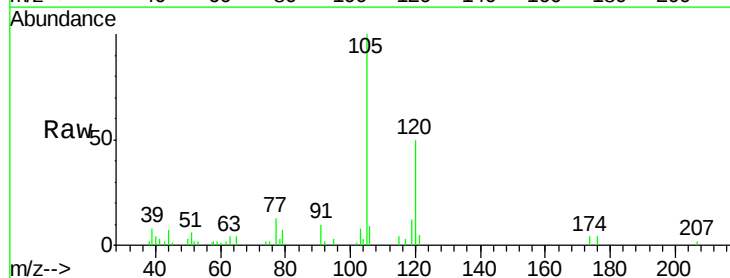
Acq: 12 Feb 2019 12:25

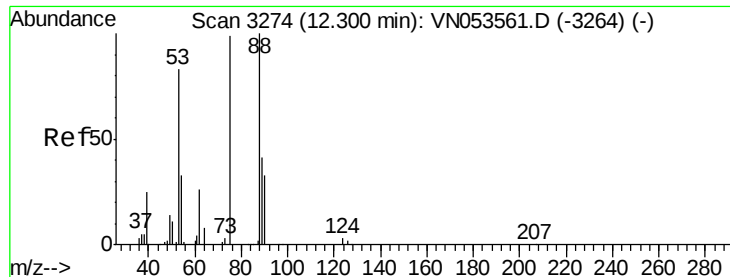
Tgt Ion: 105 Resp: 23992

Ion Ratio Lower Upper

105 100

120 48.6 24.9 74.6

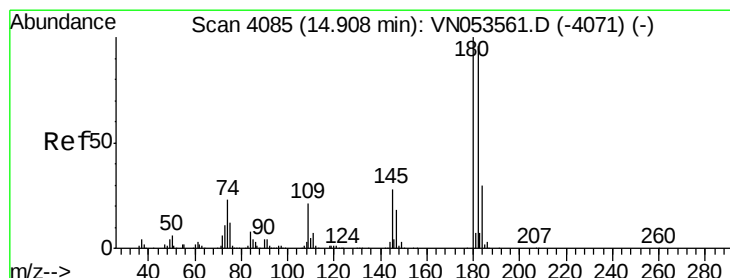
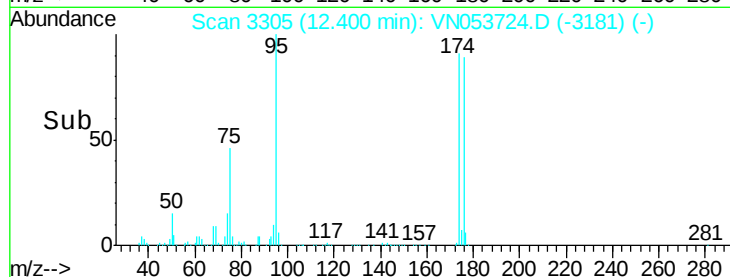
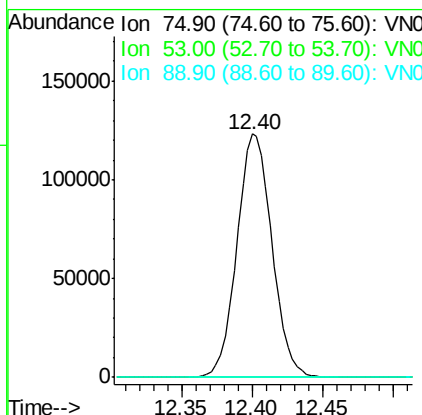
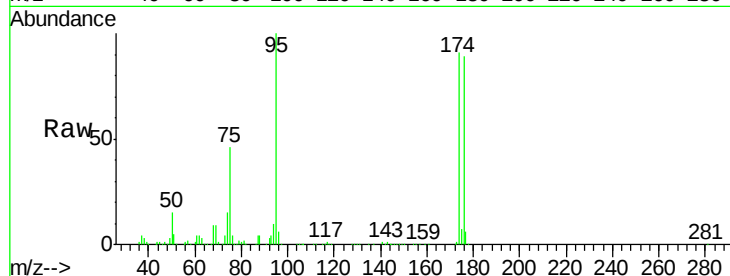




#81
trans-1,4-Dichloro-2-butene
Concen: 111.068 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053724.D
Acq: 12 Feb 2019 12:25

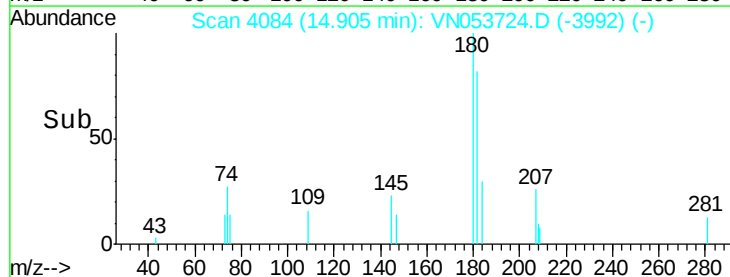
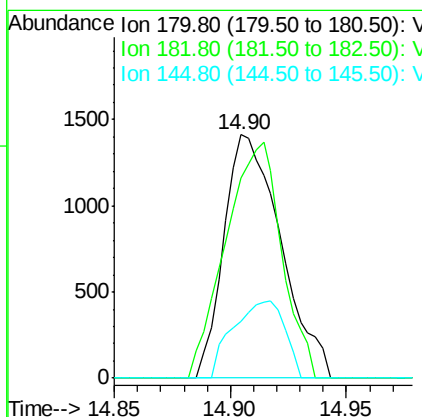
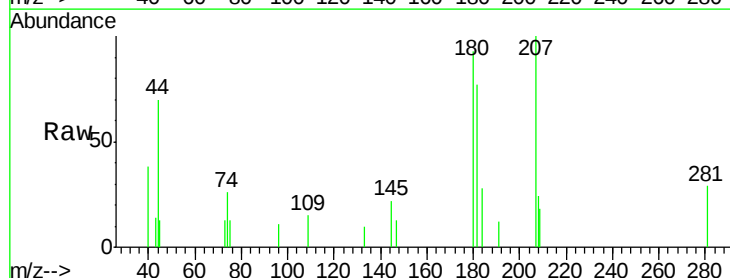
Instrument :
MSVOA_N
ClientSampleId :
PB117023TB

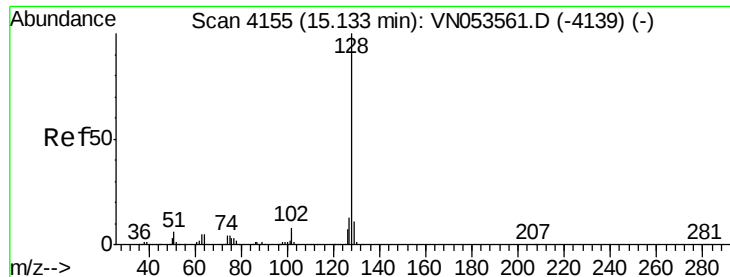
Tot Ion: 75 Resp: 214149
Ion Ratio Lower Upper
75 100
53 0.0 69.8 104.6#
89 0.0 35.6 53.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.305 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN053724.D
Acq: 12 Feb 2019 12:25

Tgt Ion:180 Resp: 2407
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.3
145 28.8 13.9 41.6





#95

Naphthalene

Concen: 2.076 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

PB117023TB

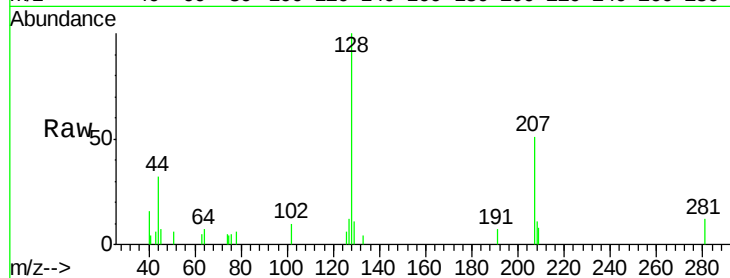
Tot Ion:128 Resp: 6532

Ion Ratio Lower Upper

128 100

127 10.5 10.3 15.5

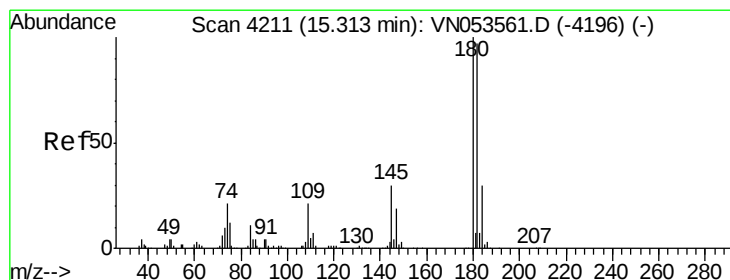
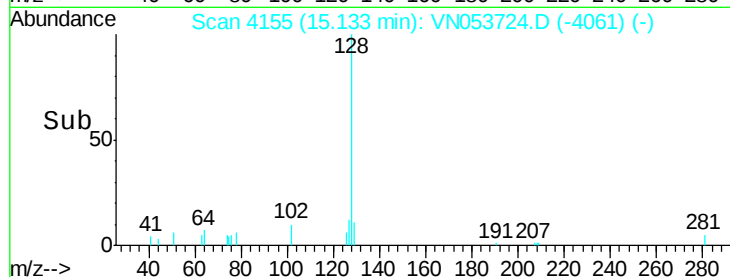
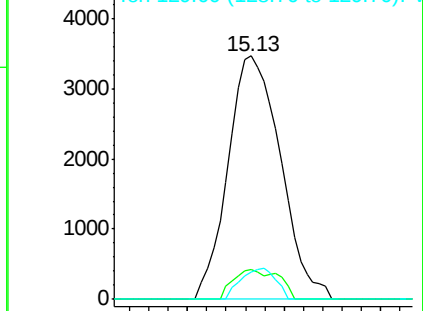
129 8.5 8.6 13.0#



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: 0.341 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

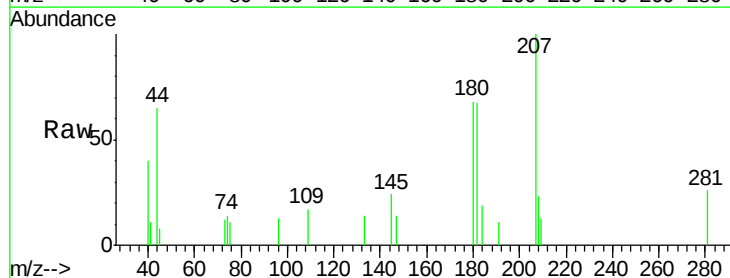
Tgt Ion:180 Resp: 2498

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 30.3 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

