

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053697.D
 Acq On : 11 Feb 2019 11:52
 Operator : JC/SP
 Sample : PB116972TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116972TB

Quant Time: Feb 11 22:07:22 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	733849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1227211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1114112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	436447	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	396691	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	
35) Dibromofluoromethane	7.59	113	396170	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
50) Toluene-d8	10.09	98	1495192	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.40	95	481369	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	118	0.352	ug/l #	42
13) Acrolein	3.60	56	108	0.455	ug/l #	14
16) Acetone	3.82	43	19089	10.109	ug/l	96
18) Methyl Acetate	4.33	43	1300	0.232	ug/l #	79
20) Methylene Chloride	4.55	84	17605	2.222	ug/l	98
25) 2-Butanone	6.85	43	3328	1.236	ug/l	90
29) Tetrahydrofuran	7.22	42	1403	0.811	ug/l #	54
31) Cyclohexane	7.66	56	10535	0.679	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44785	4.048	ug/l #	49
37) Ethyl Acetate	6.85	43	3328	0.539	ug/l #	67
38) Carbon Tetrachloride	7.67	117	60413	5.421	ug/l #	16
43) Isopropyl Acetate	8.17	43	26834	2.249	ug/l #	85
45) 1,2-Dichloropropane	9.27	63	1869	0.214	ug/l #	43
48) Methyl methacrylate	9.18	41	10000	1.756	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	8612	1.469	ug/l #	34
54) cis-1,3-Dichloropropene	9.91	75	73069	5.631	ug/l #	61
57) 1,3-Dichloropropane	10.77	76	13459	1.079	ug/l #	43
59) 2-Hexanone	10.76	43	178834	44.928	ug/l #	50
71) Bromoform	12.40	173	3263	0.576	ug/l #	1
74) N-amyl acetate	11.88	43	20712	2.807	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	221531	39.518	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	20363	0.800	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	221531	111.120	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	2100	0.257	ug/l	98
95) Naphthalene	15.13	128	5629	2.020	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.32	180	2215	0.292	ug/l	88

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053697.D

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MSVOA_N

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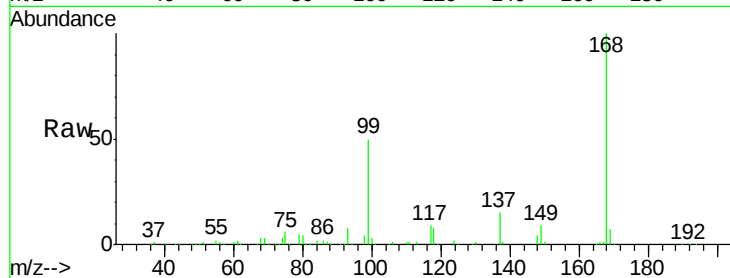
PB116972TB

Tot Ion:168 Resp: 733849

Ion Ratio Lower Upper

168 100

99 49.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

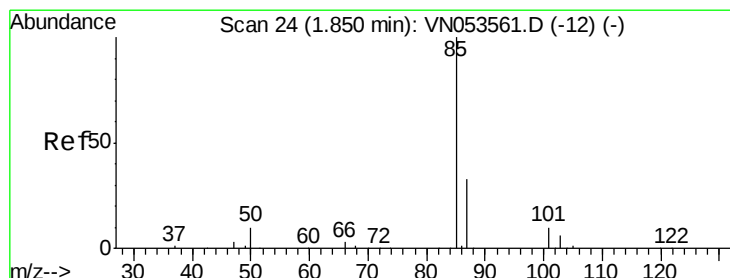
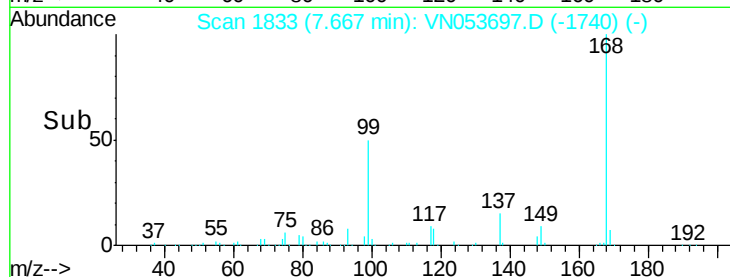
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.352 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053697.D

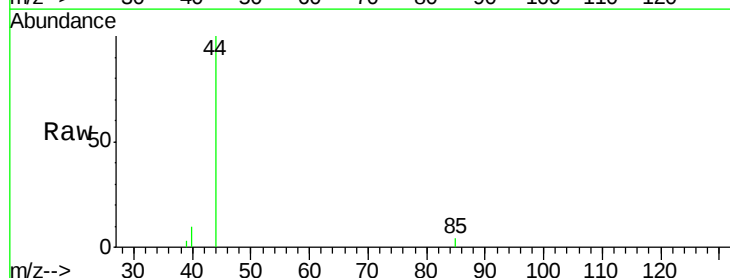
Acq: 11 Feb 2019 11:52

Tgt Ion: 85 Resp: 118

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250

200

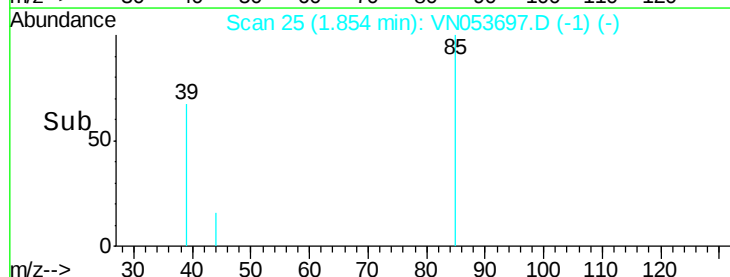
150

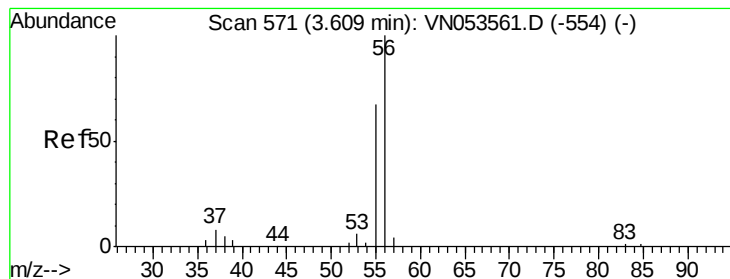
100

50

0

Time-->





#13

Acrolein

Concen: 0.455 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

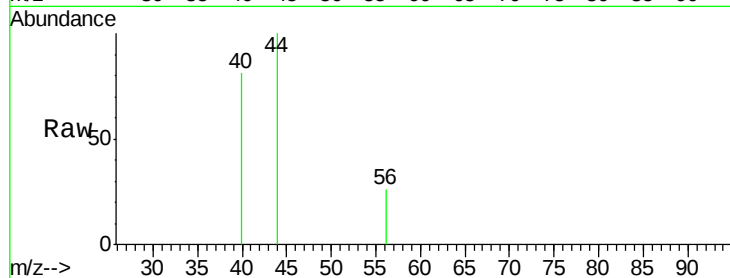
PB116972TB

Tot Ion: 56 Resp: 108

Ion Ratio Lower Upper

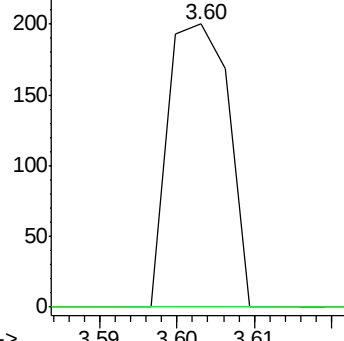
56 100

55 0.0 57.4 86.0#

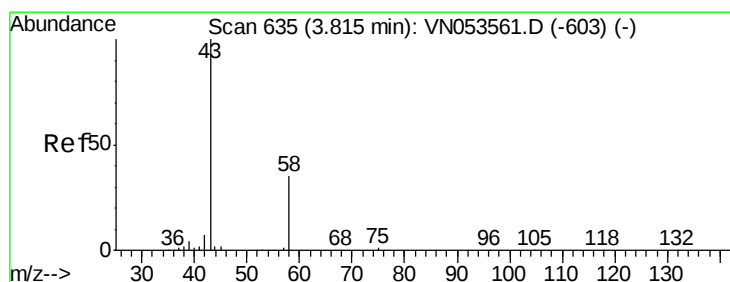
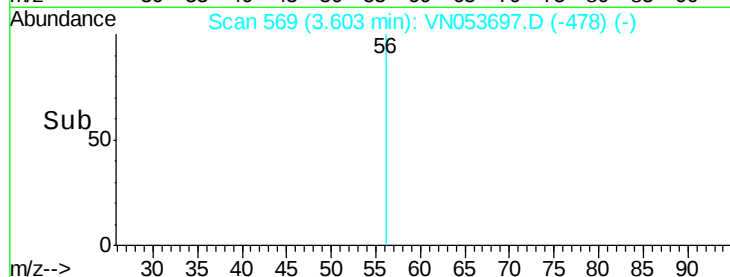


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#16

Acetone

Concen: 10.109 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053697.D

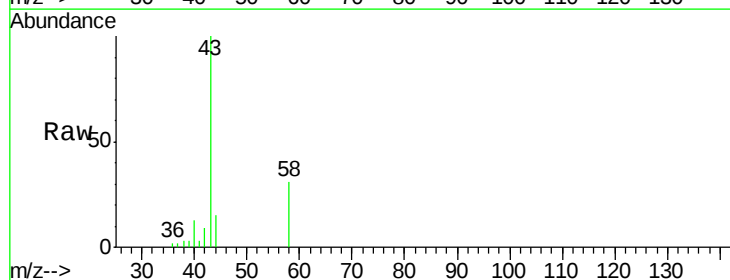
Acq: 11 Feb 2019 11:52

Tgt Ion: 43 Resp: 19089

Ion Ratio Lower Upper

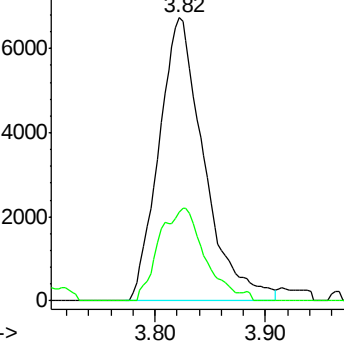
43 100

58 31.5 27.1 40.7

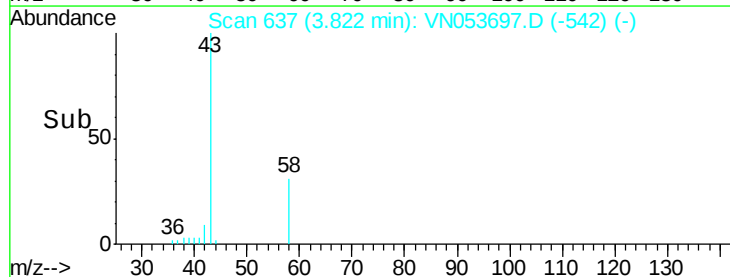


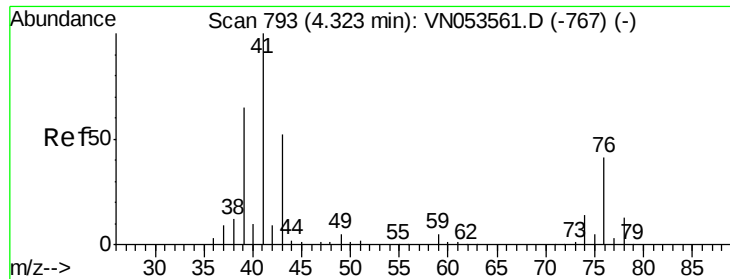
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

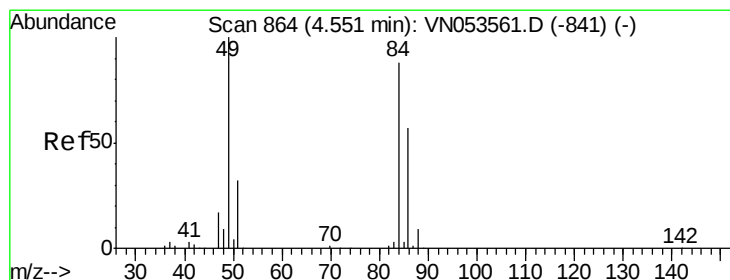
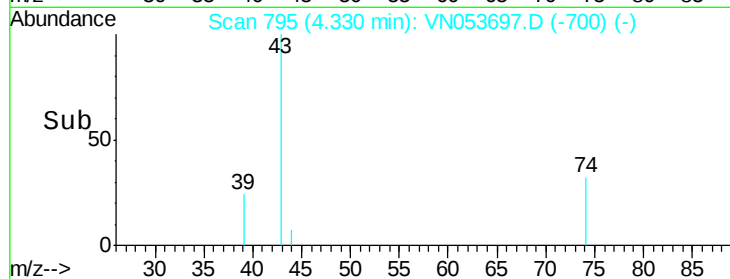
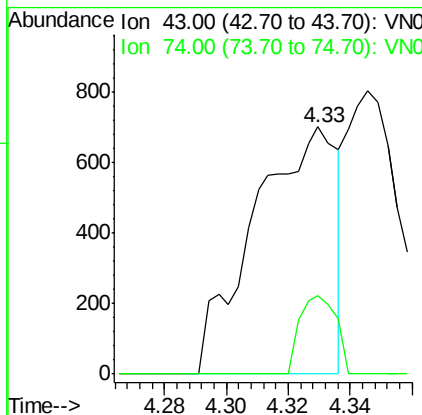
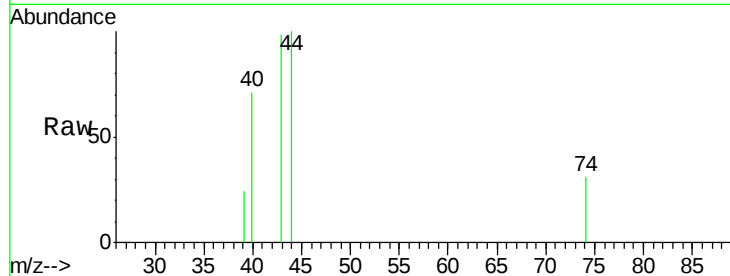




#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053697.D
Acq: 11 Feb 2019 11:52

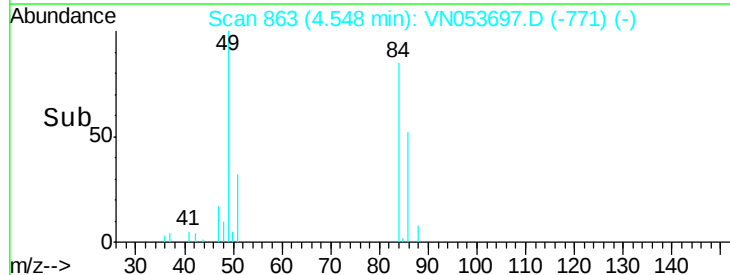
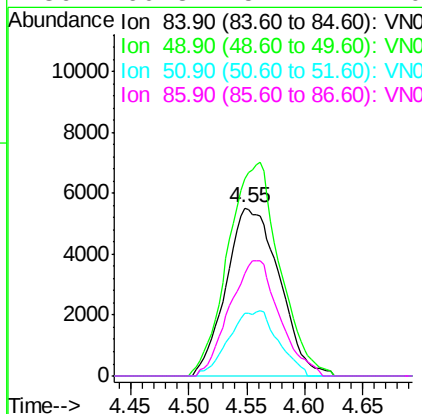
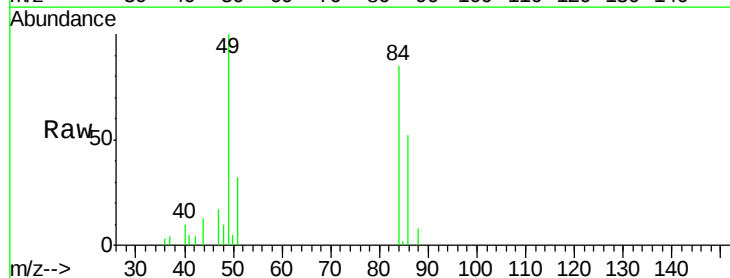
Instrument :
MSVOA_N
ClientSampled :
PB116972TB

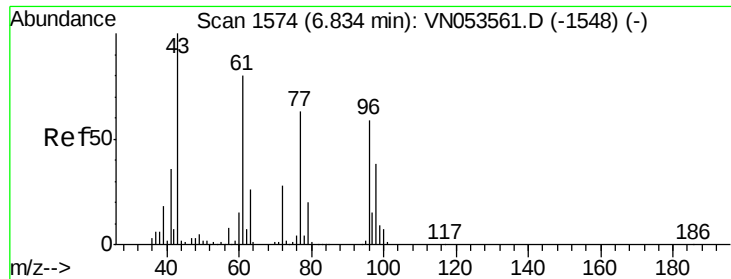
Tot Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
74 13.9 19.4 29.2#



#20
Methylene Chloride
Concen: 2.222 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN053697.D
Acq: 11 Feb 2019 11:52

Tgt Ion: 84 Resp: 17605
Ion Ratio Lower Upper
84 100
49 117.8 94.3 141.5
51 37.4 29.4 44.2
86 60.8 51.4 77.0

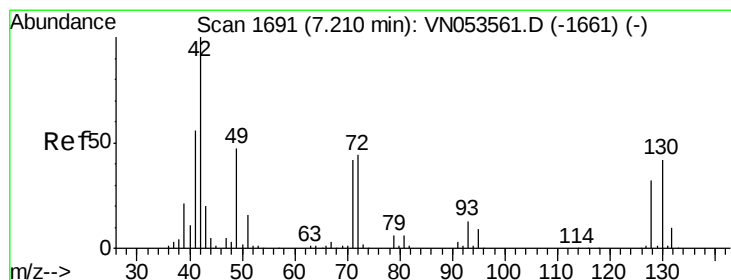
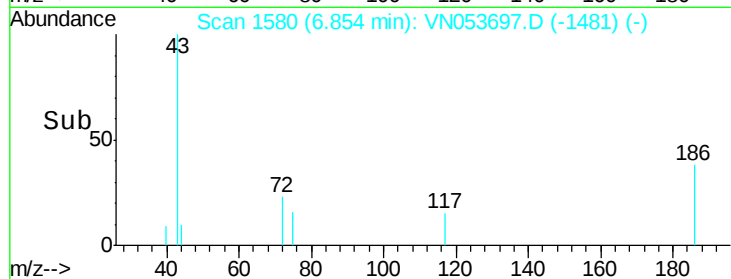
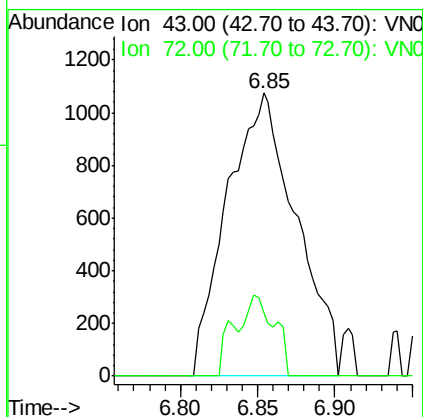
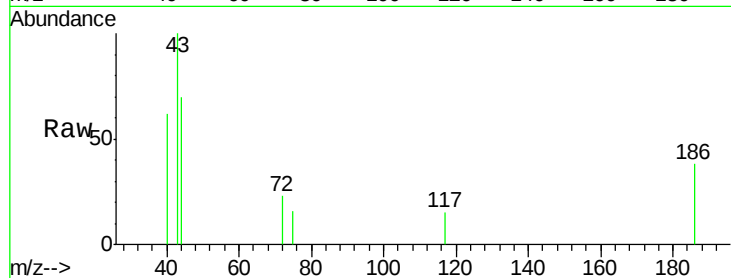




#25
 2-Butanone
 Concen: 1.236 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. 0.02 min
 Lab File: VN053697.D
 Acq: 11 Feb 2019 11:52

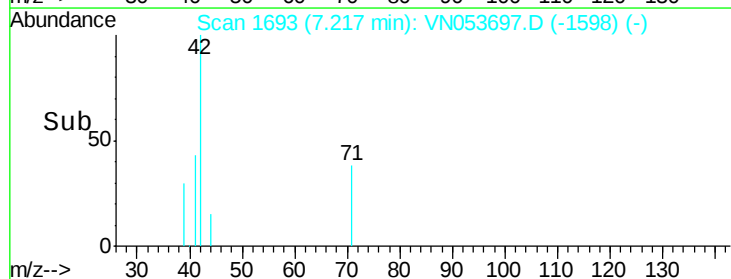
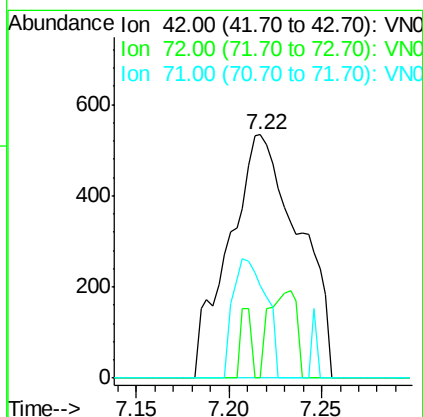
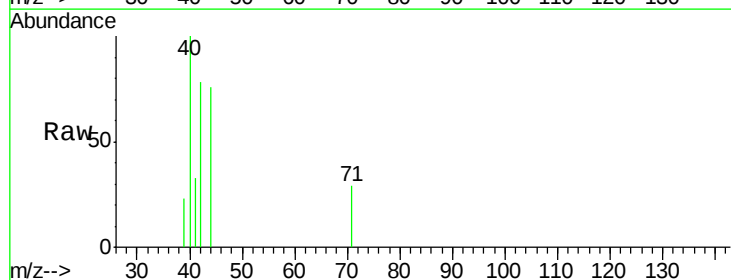
Instrument :
 MSVOA_N
 ClientSampleID :
 PB116972TB

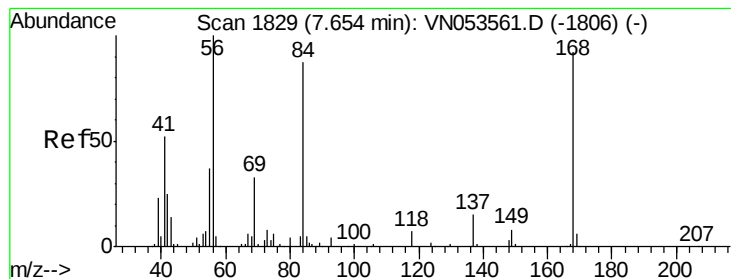
Tot Ion: 43 Resp: 3328
 Ion Ratio Lower Upper
 43 100
 72 22.5 22.0 33.0



#29
 Tetrahydrofuran
 Concen: 0.811 ug/l
 RT: 7.22 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VN053697.D
 Acq: 11 Feb 2019 11:52

Tgt Ion: 42 Resp: 1403
 Ion Ratio Lower Upper
 42 100
 72 4.2 35.2 52.8#
 71 23.0 33.0 49.4#





#31

Cyclohexane

Concen: 0.679 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

PB116972TB

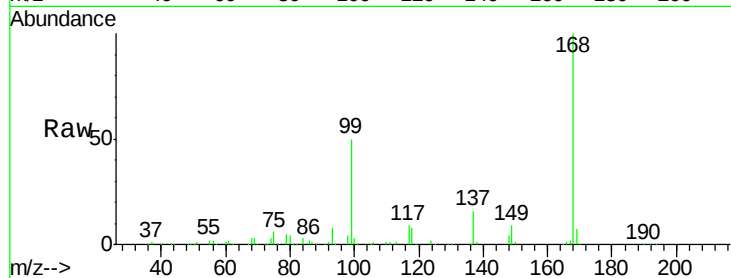
Tot Ion: 56 Resp: 10535

Ion Ratio Lower Upper

56 100

69 196.4 26.4 39.6#

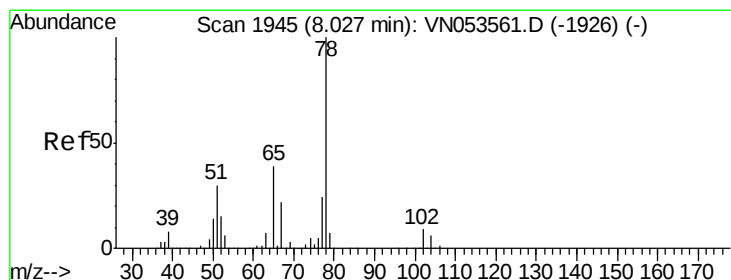
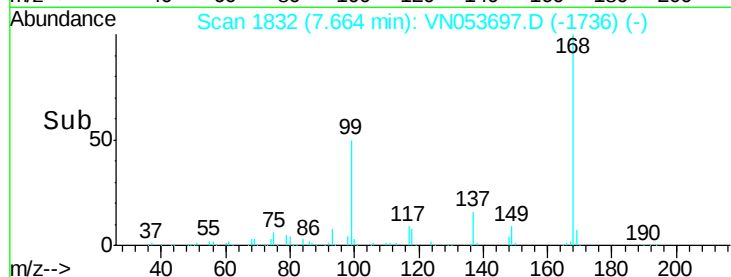
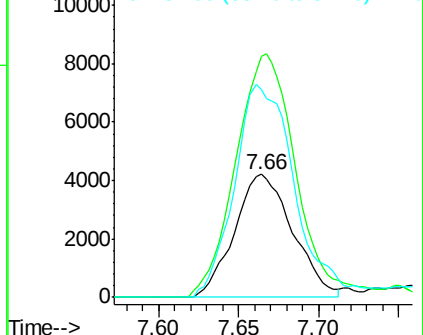
84 169.0 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.884 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053697.D

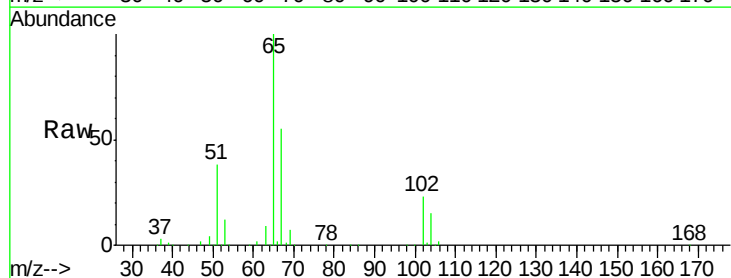
Acq: 11 Feb 2019 11:52

Tgt Ion: 65 Resp: 396691

Ion Ratio Lower Upper

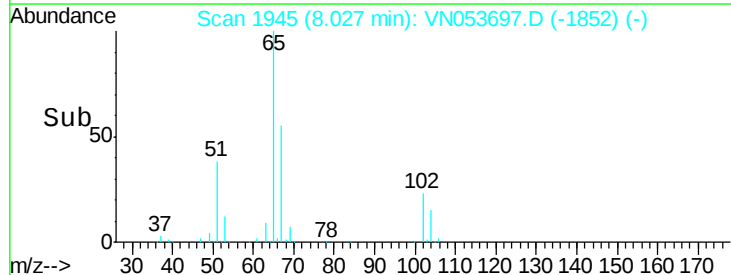
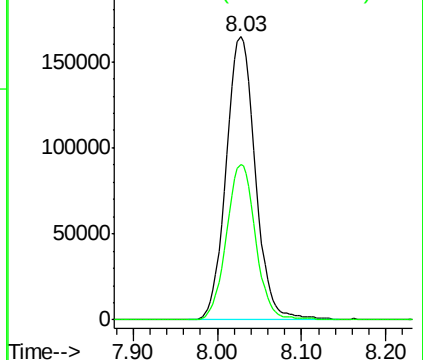
65 100

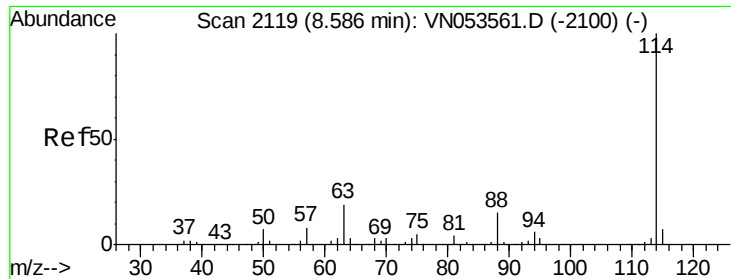
67 55.0 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

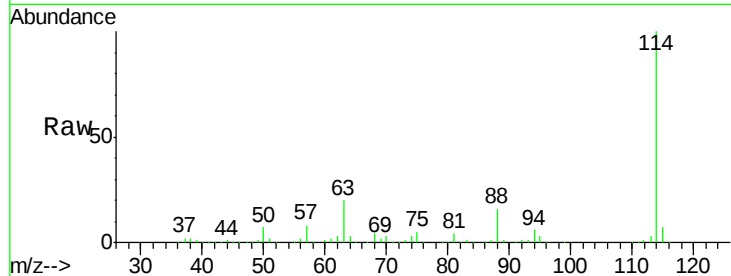




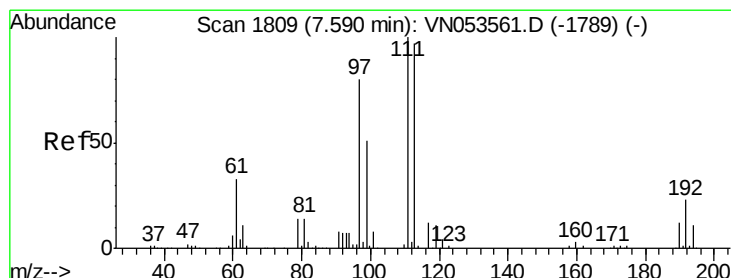
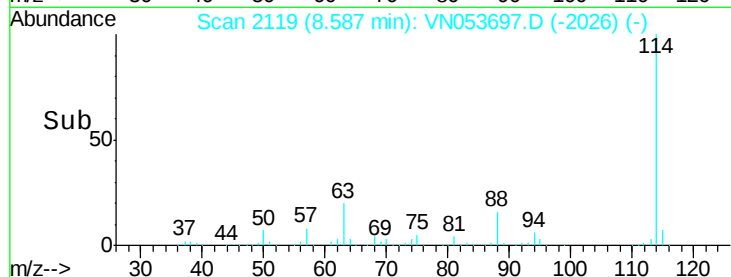
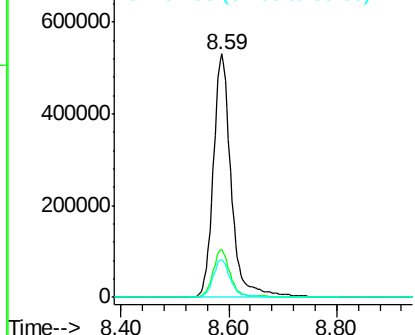
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053697.D
Acq: 11 Feb 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
PB116972TB

Tot Ion:114 Resp: 1227211
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.7 0.0 30.4

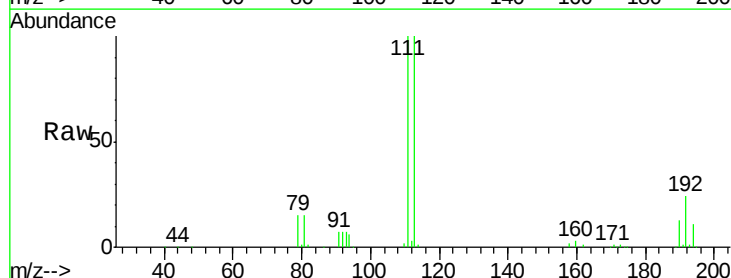


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

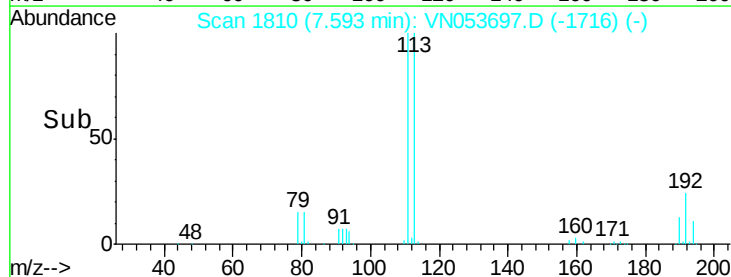
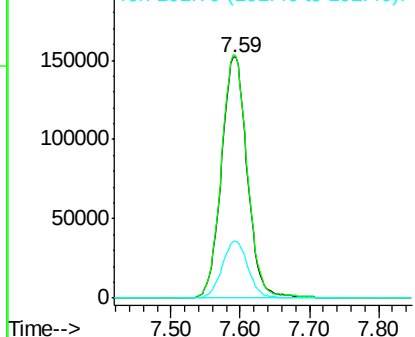


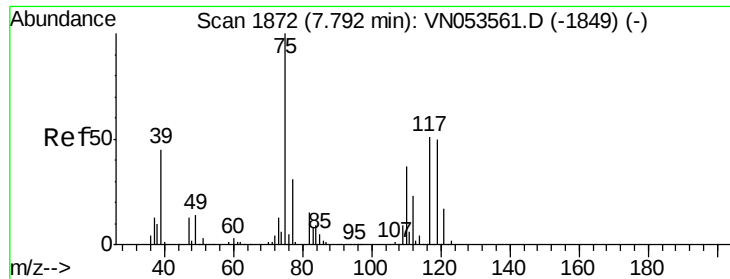
#35
Dibromofluoromethane
Concen: 51.090 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053697.D
Acq: 11 Feb 2019 11:52

Tgt Ion:113 Resp: 396170
Ion Ratio Lower Upper
113 100
111 101.0 81.1 121.7
192 23.7 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: 4.048 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

PB116972TB

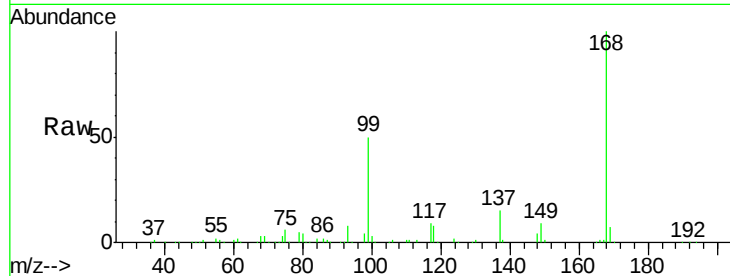
Tot Ion: 75 Resp: 44785

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.3#

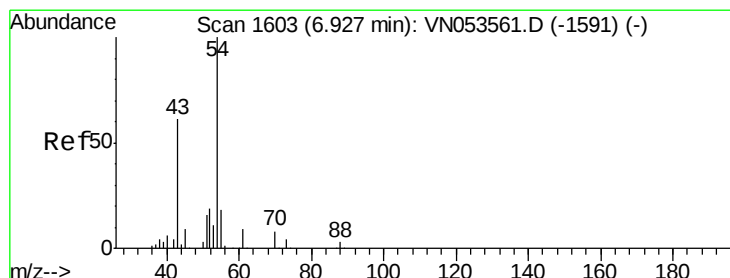
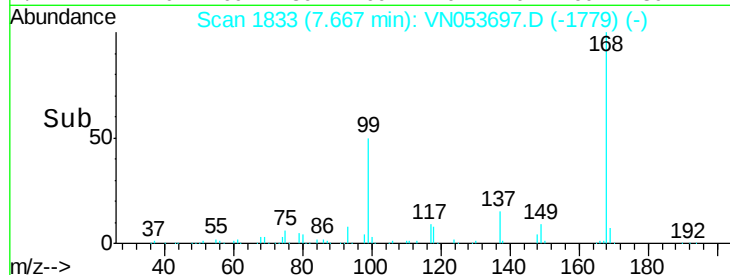
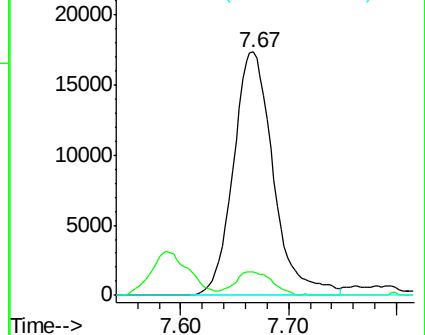
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 109.90 (109.60 to 110.60): VNC

Ion 76.90 (76.60 to 77.60): VNC



#37

Ethyl Acetate

Concen: 0.539 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. -0.07 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

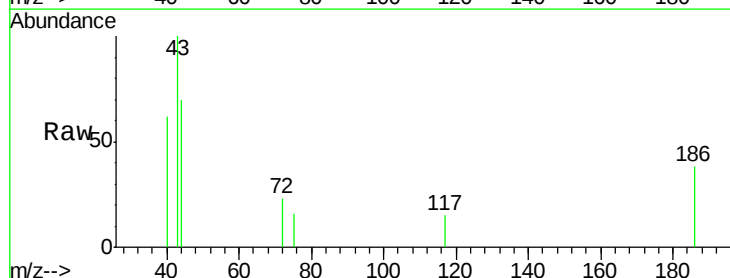
Tgt Ion: 43 Resp: 3328

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

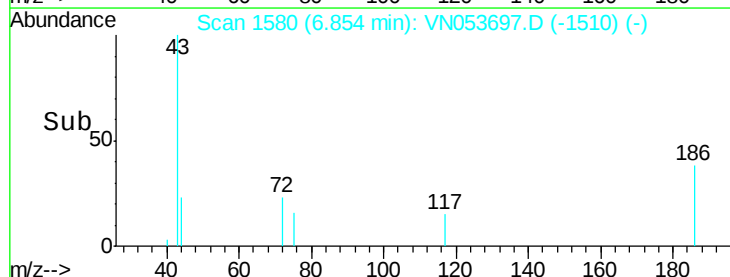
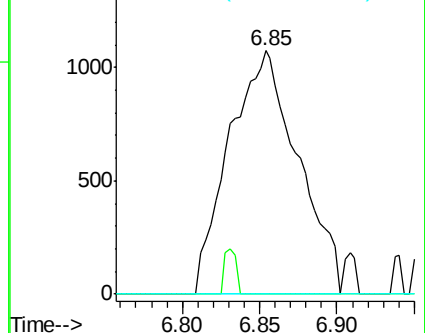
70 0.0 8.6 12.8#

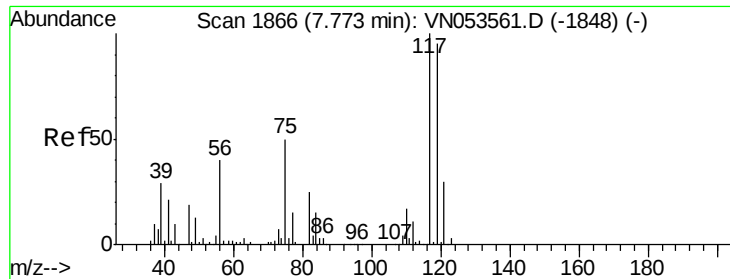


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 70.00 (69.70 to 70.70): VNC





#38

Carbon Tetrachloride

Concen: 5.421 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

PB116972TB

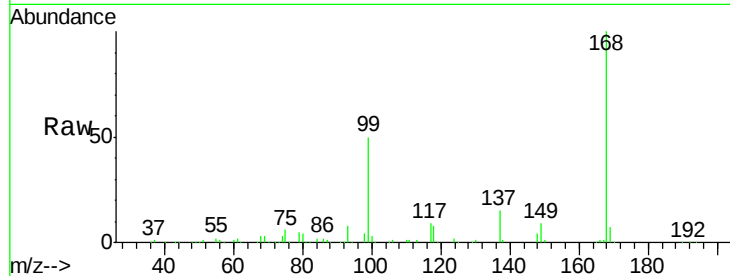
Tot Ion:117 Resp: 60413

Ion Ratio Lower Upper

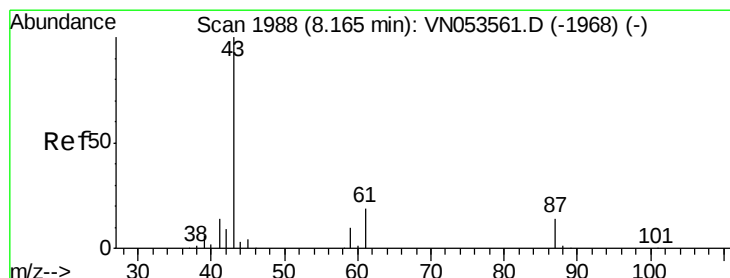
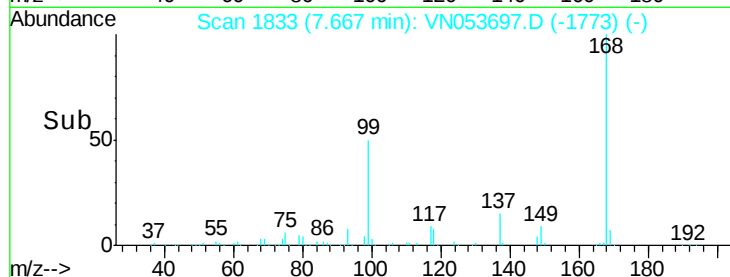
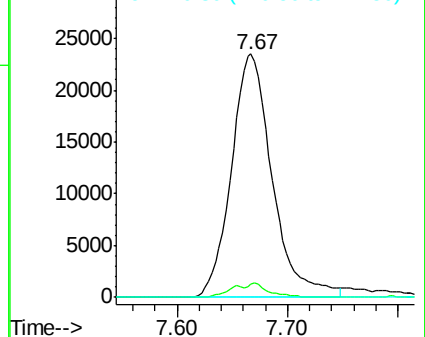
117 100

119 5.3 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



#43

Isopropyl Acetate

Concen: 2.249 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

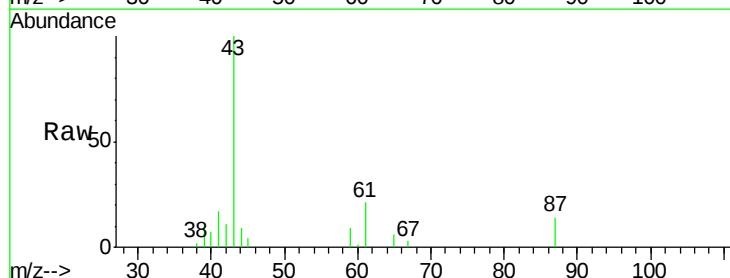
Tgt Ion: 43 Resp: 26834

Ion Ratio Lower Upper

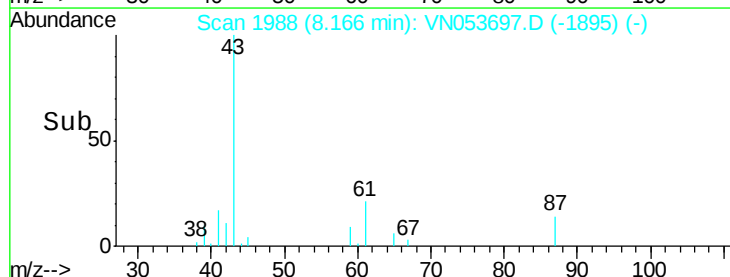
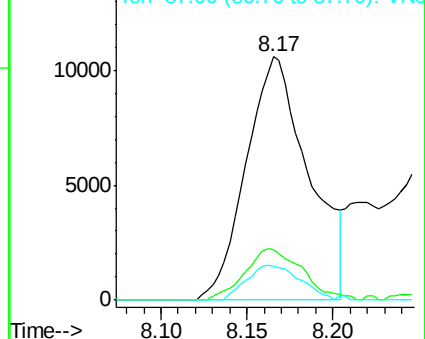
43 100

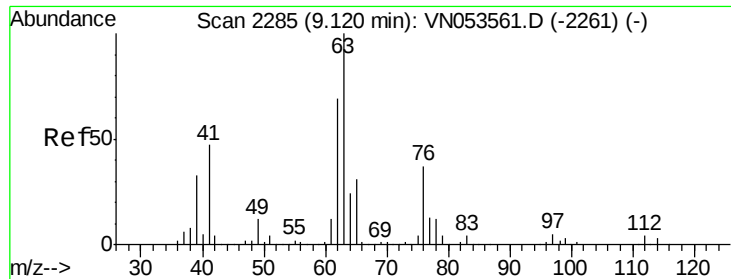
61 19.4 23.9 35.9#

87 12.1 11.0 16.6



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

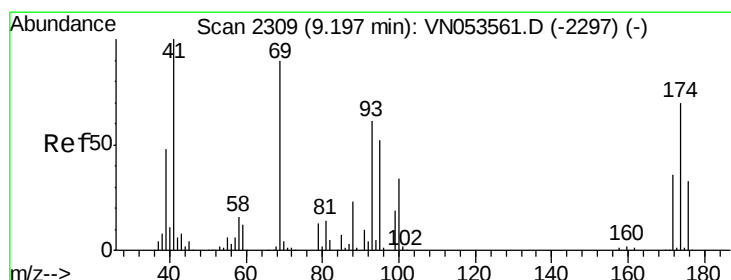
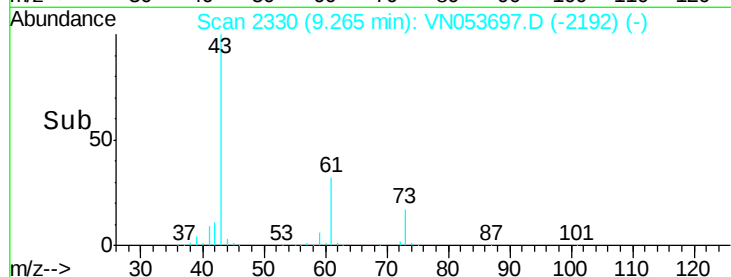
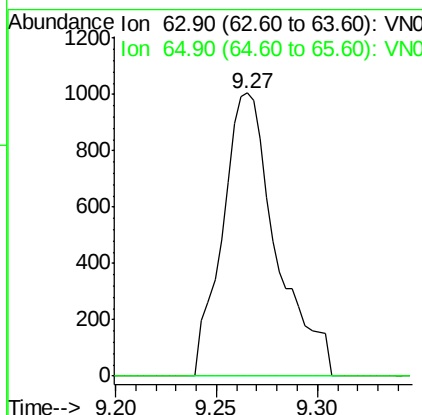
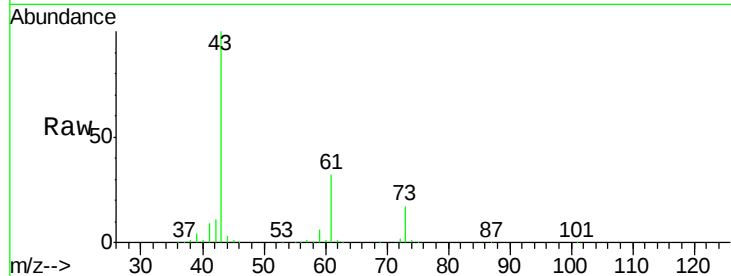




#45
 1,2-Dichloropropane
 Concen: 0.214 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN053697.D
 Acq: 11 Feb 2019 11:52

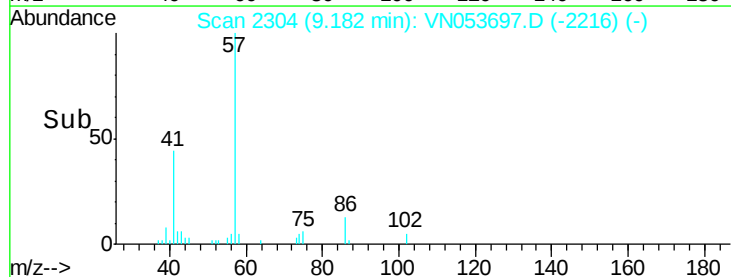
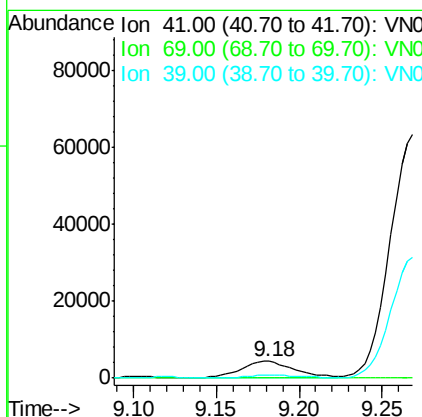
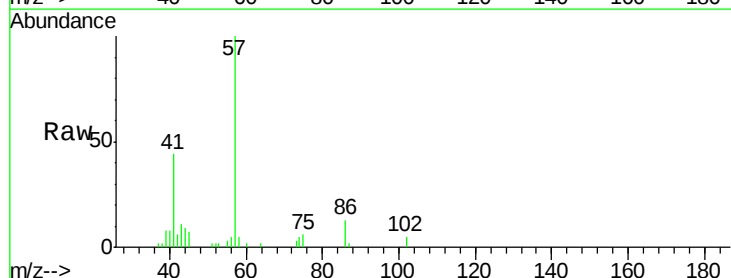
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116972TB

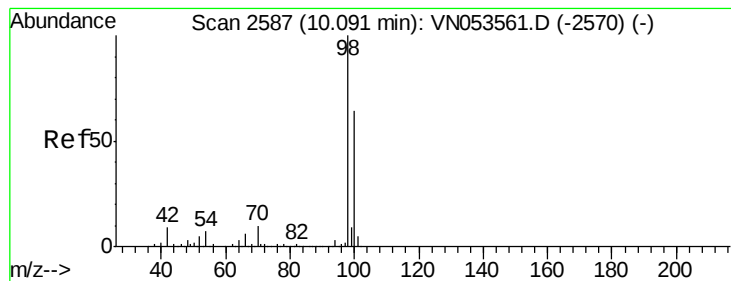
Tot Ion: 63 Resp: 1869
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.756 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN053697.D
 Acq: 11 Feb 2019 11:52

Tgt Ion: 41 Resp: 10000
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.8 110.6#
 39 0.0 40.0 60.0#





#50

Toluene-d8

Concen: 51.353 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

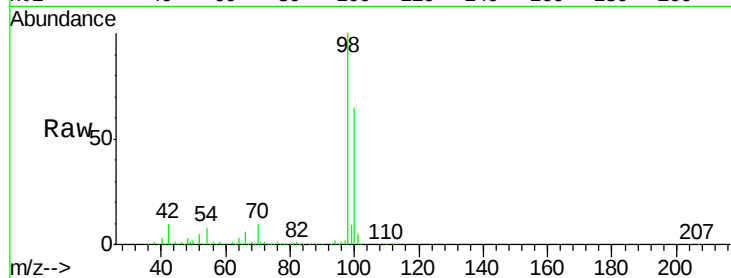
PB116972TB

Tot Ion: 98 Resp: 1495192

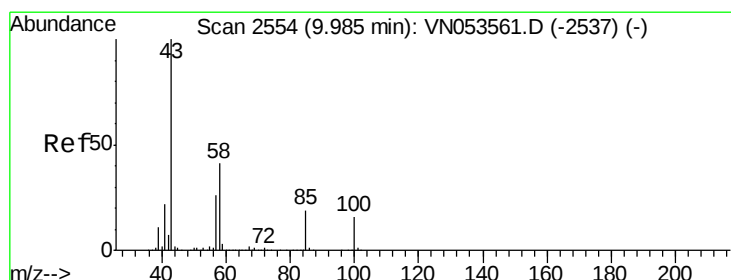
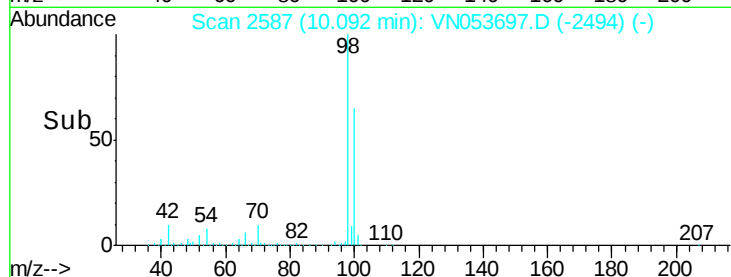
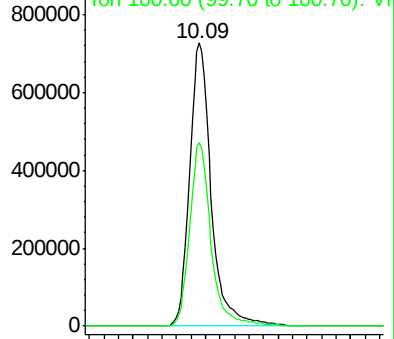
Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.469 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN053697.D

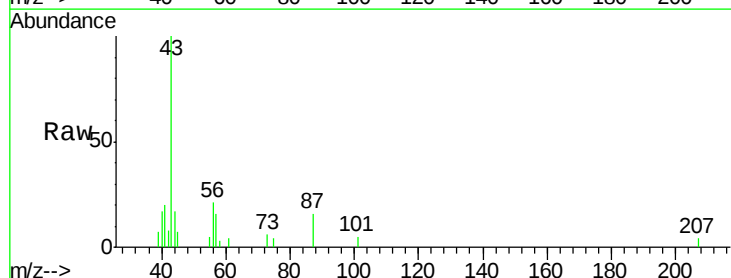
Acq: 11 Feb 2019 11:52

Tgt Ion: 43 Resp: 8612

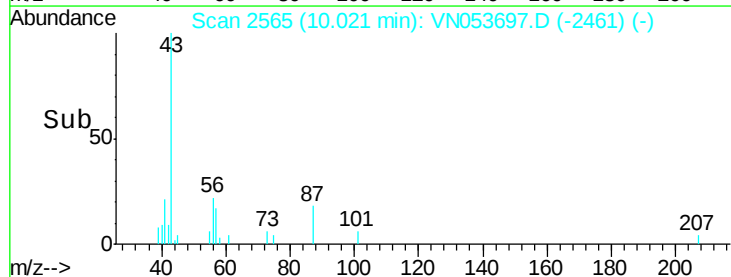
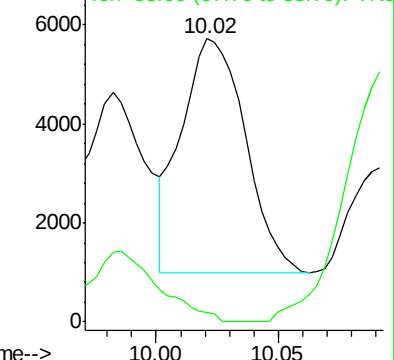
Ion Ratio Lower Upper

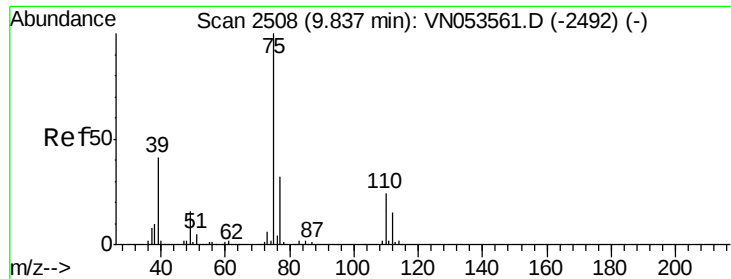
43 100

58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-2537) (-)





#54

cis-1,3-Dichloropropene

Concen: 5.631 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

PB116972TB

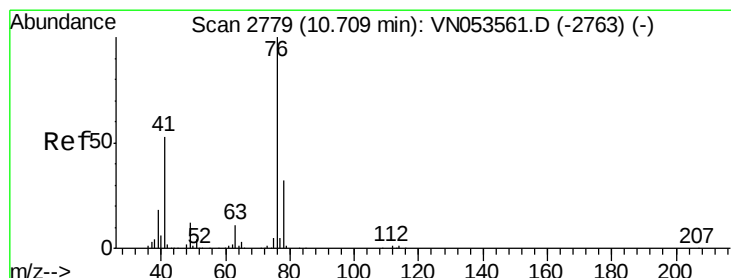
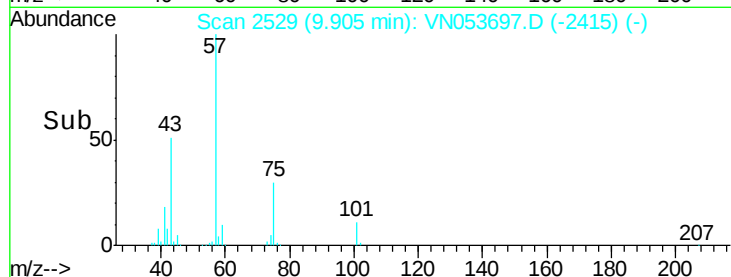
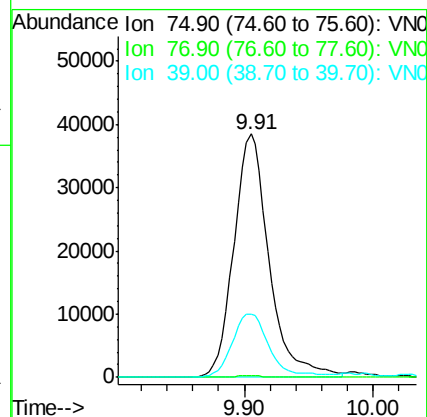
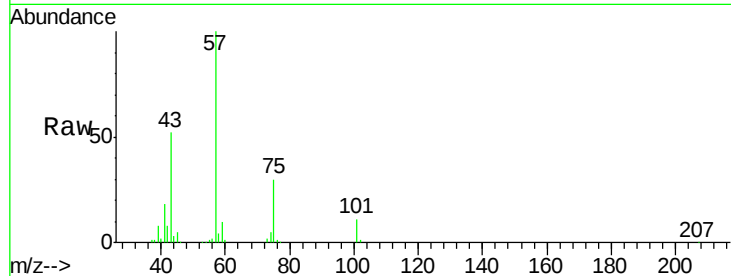
Tot Ion: 75 Resp: 73069

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 26.1 33.4 50.0#



#57

1,3-Dichloropropane

Concen: 1.079 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN053697.D

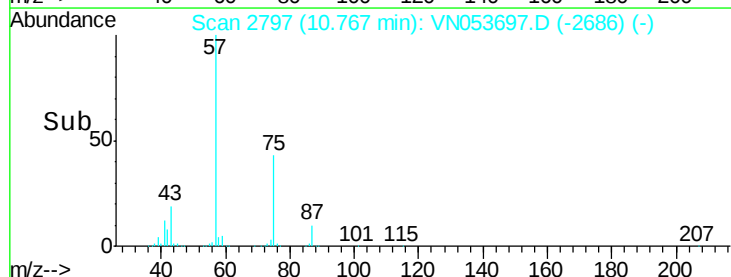
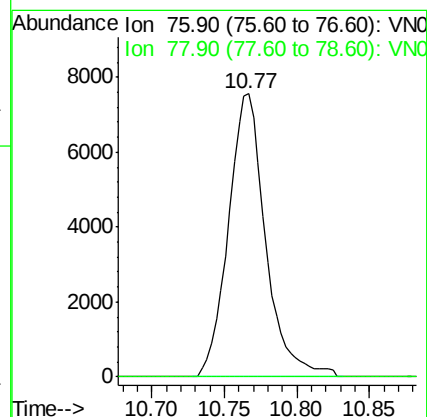
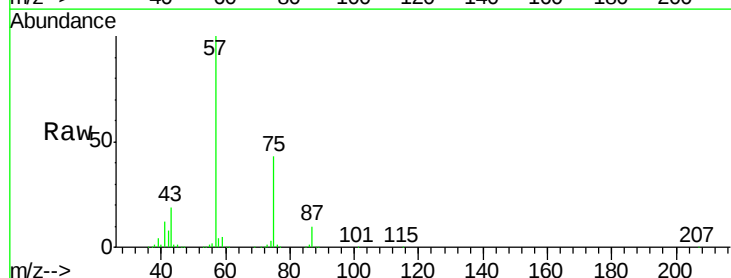
Acq: 11 Feb 2019 11:52

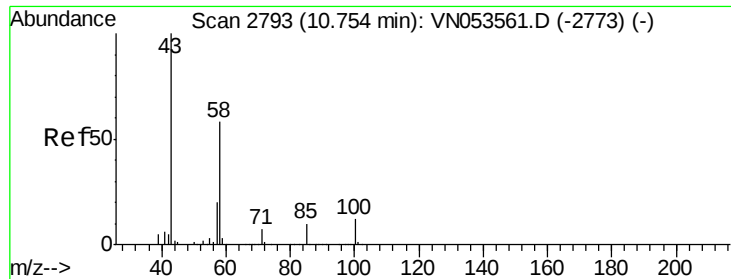
Tgt Ion: 76 Resp: 13459

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#

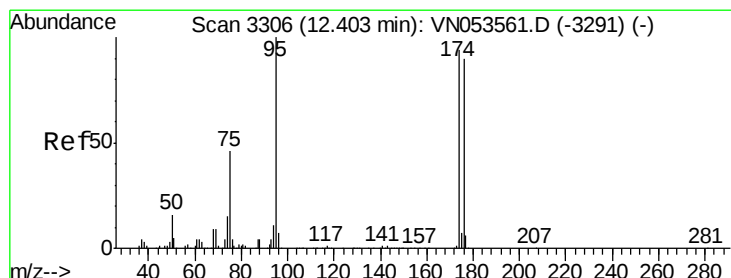
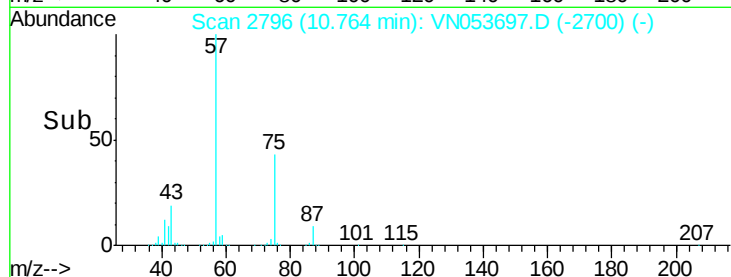
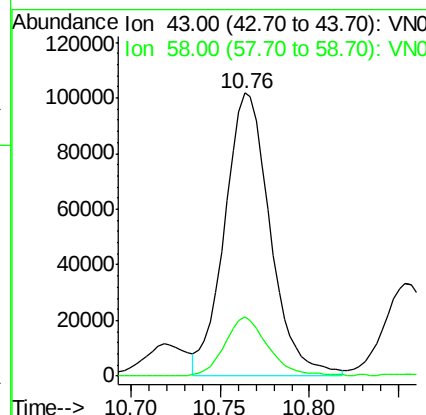
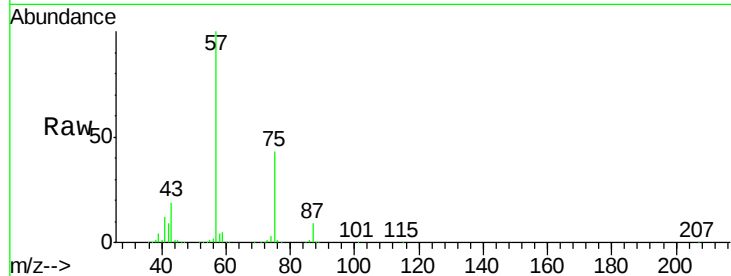




#59
2-Hexanone
Concen: 44.928 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053697.D
Acq: 11 Feb 2019 11:52

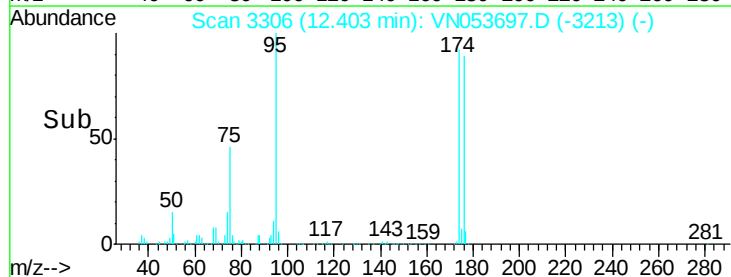
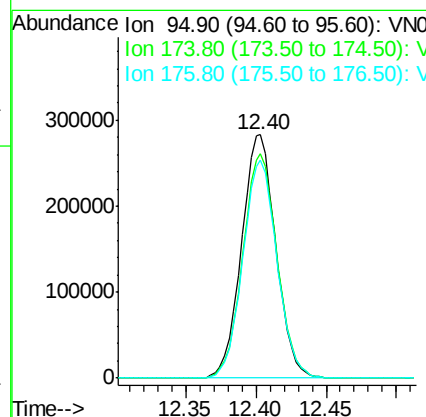
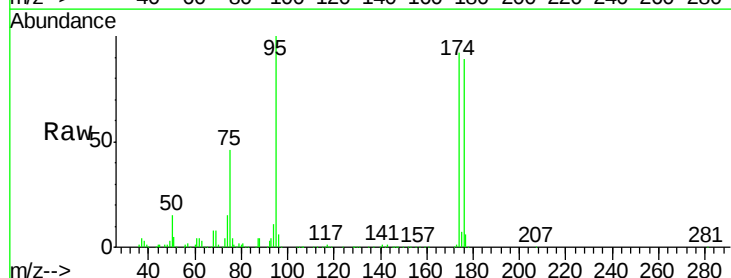
Instrument :
MSVOA_N
ClientSampled :
PB116972TB

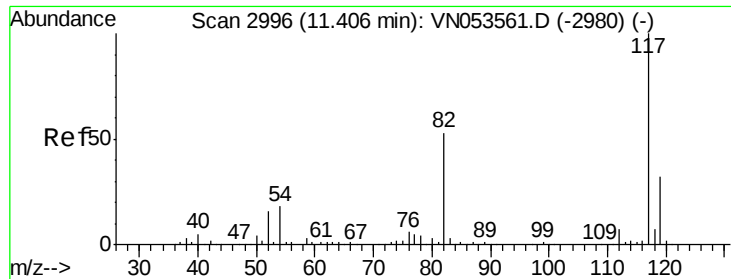
Tot Ion: 43 Resp: 178834
Ion Ratio Lower Upper
43 100
58 20.2 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 49.571 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053697.D
Acq: 11 Feb 2019 11:52

Tgt Ion: 95 Resp: 481369
Ion Ratio Lower Upper
95 100
174 92.3 0.0 183.2
176 89.5 0.0 177.4

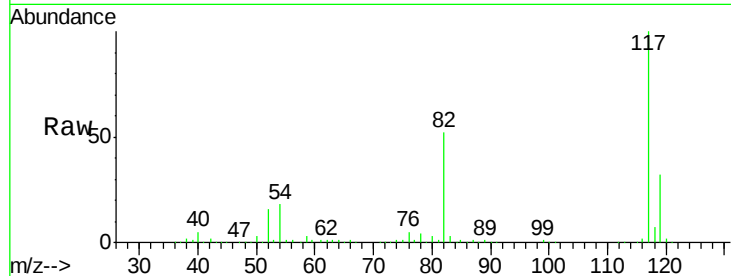




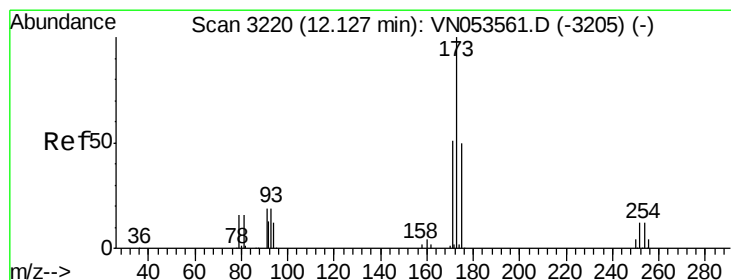
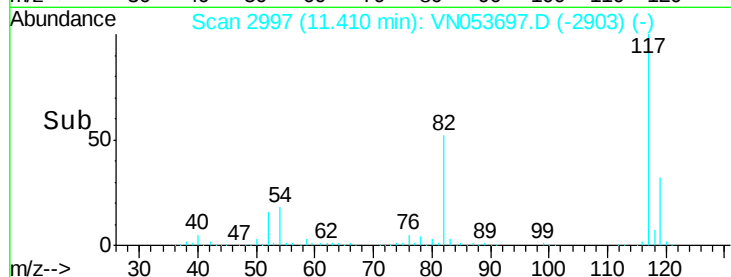
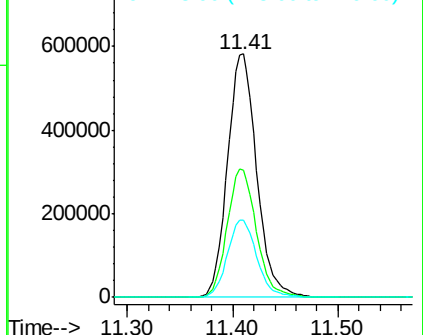
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053697.D
Acq: 11 Feb 2019 11:52

Instrument :
MSVOA_N
ClientSampled :
PB116972TB

Tot Ion:117 Resp: 1114112
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 31.8 26.0 39.0

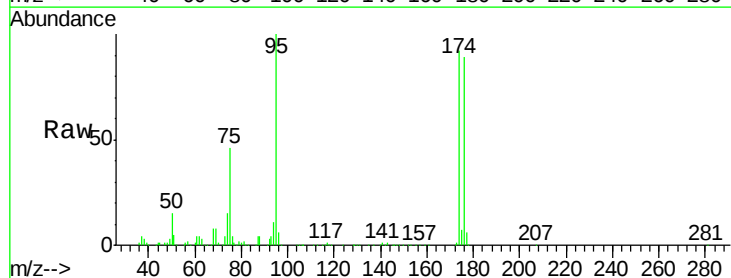


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

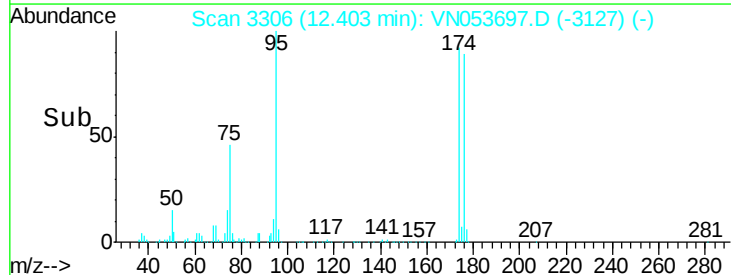
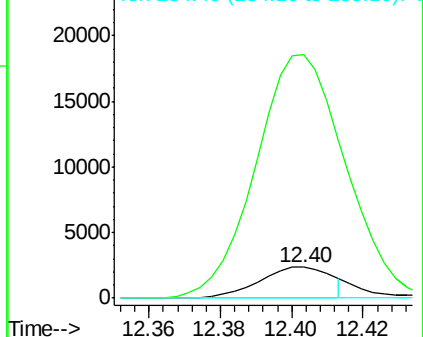


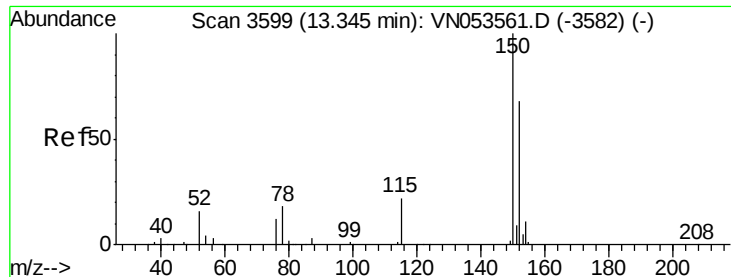
#71
Bromoform
Concen: 0.576 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053697.D
Acq: 11 Feb 2019 11:52

Tgt Ion:173 Resp: 3263
Ion Ratio Lower Upper
173 100
175 836.1 24.6 74.0#
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

PB116972TB

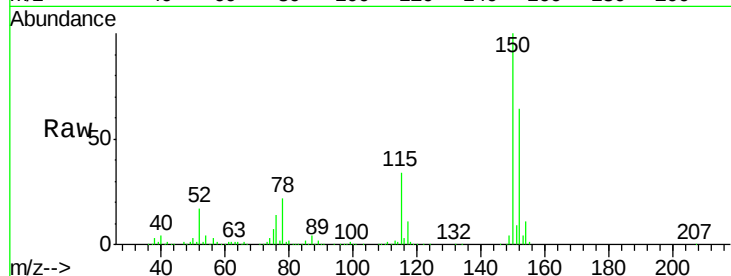
Tot Ion:152 Resp: 436447

Ion Ratio Lower Upper

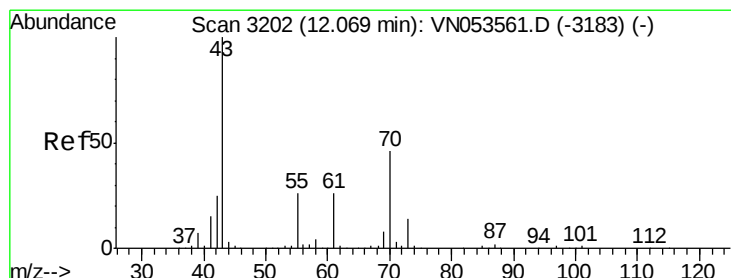
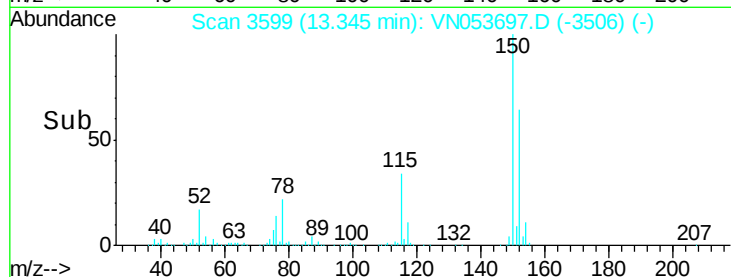
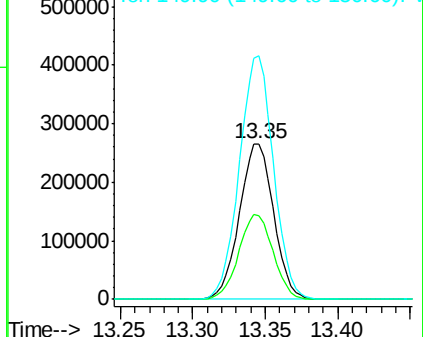
152 100

115 54.6 27.8 83.4

150 155.9 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: 2.807 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Tgt Ion: 43 Resp: 20712

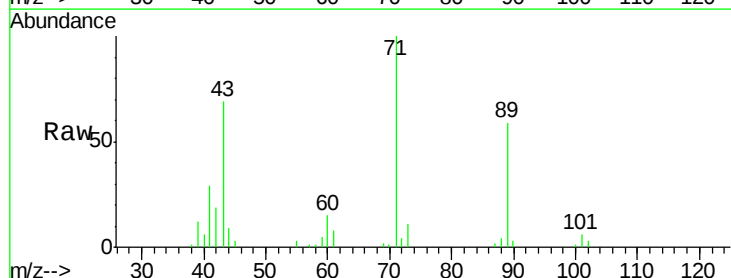
Ion Ratio Lower Upper

43 100

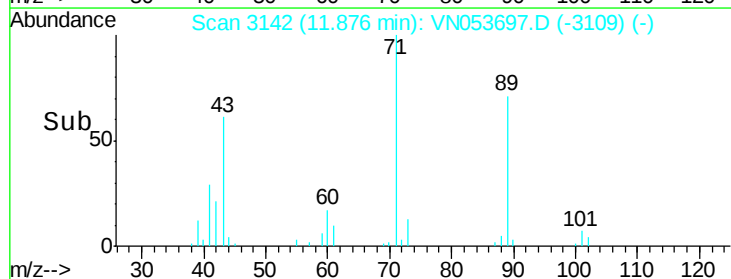
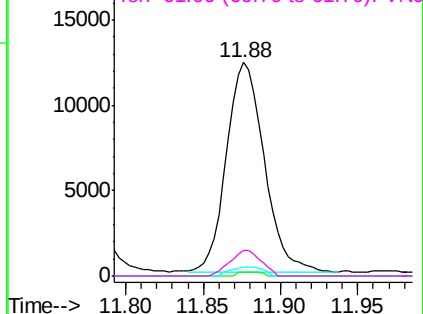
70 1.2 35.4 53.2#

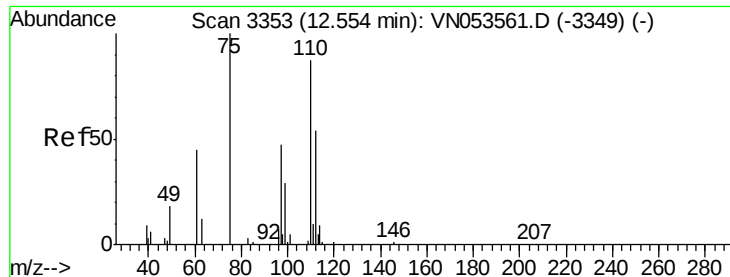
55 3.7 20.9 31.3#

61 10.2 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: 39.518 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

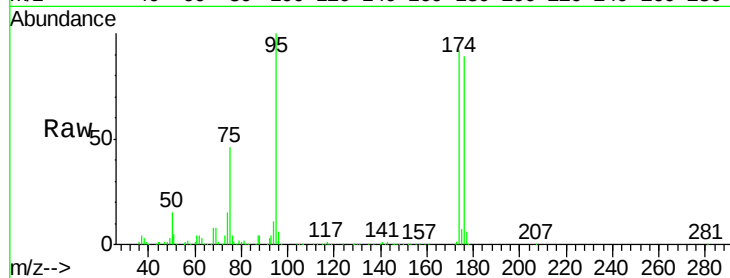
PB116972TB

Tot Ion: 75 Resp: 221531

Ion Ratio Lower Upper

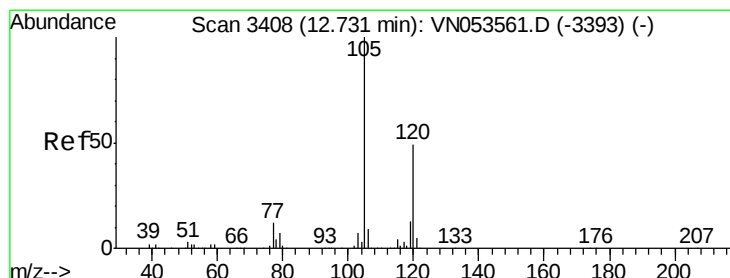
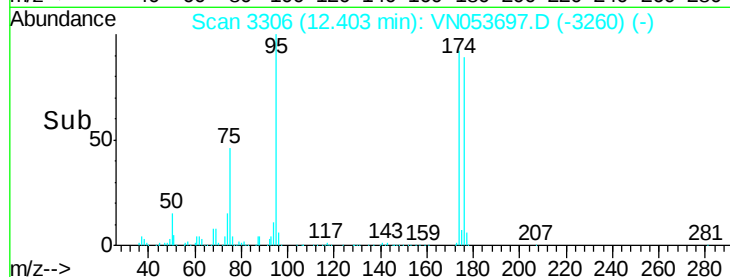
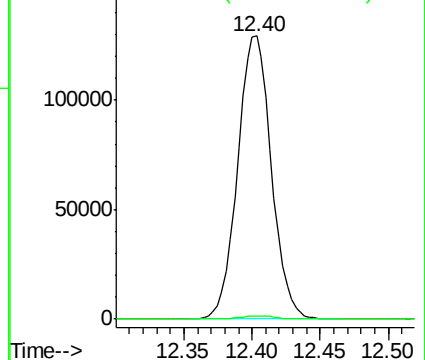
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053697.D (-3306) (-)

Ion 77.00 (76.70 to 77.70): VN053697.D (-3306) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.800 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053697.D

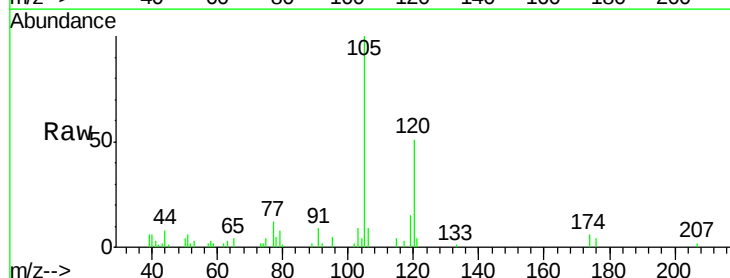
Acq: 11 Feb 2019 11:52

Tgt Ion: 105 Resp: 20363

Ion Ratio Lower Upper

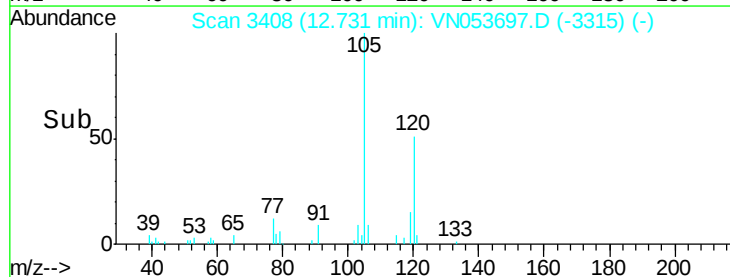
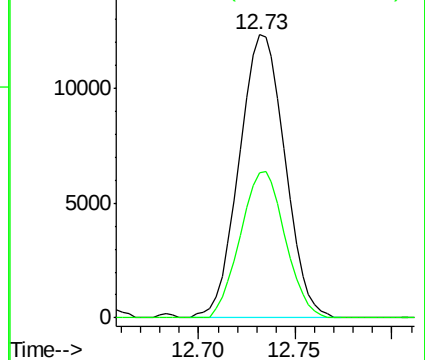
105 100

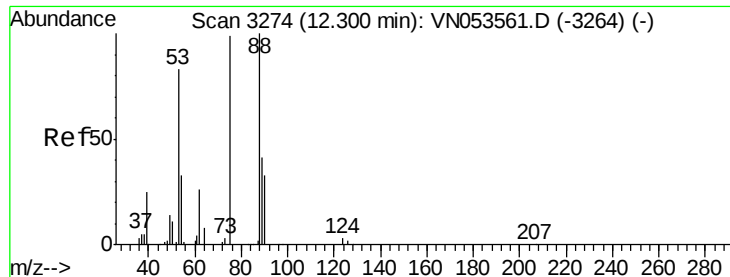
120 50.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053697.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN053697.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 111.120 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

PB116972TB

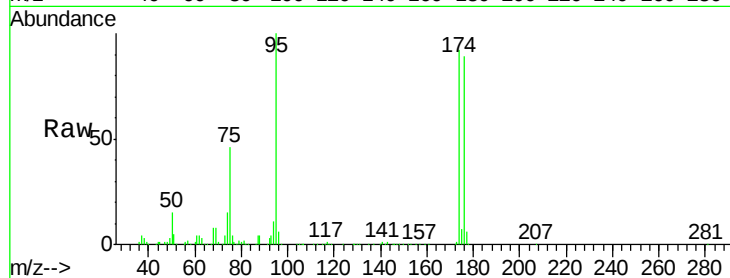
Tot Ion: 75 Resp: 221531

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

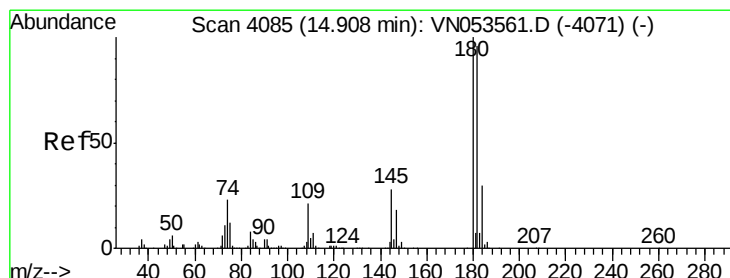
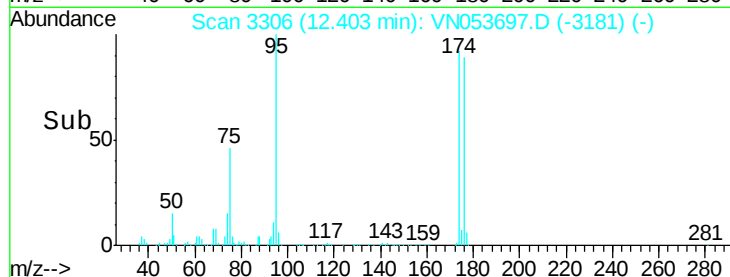
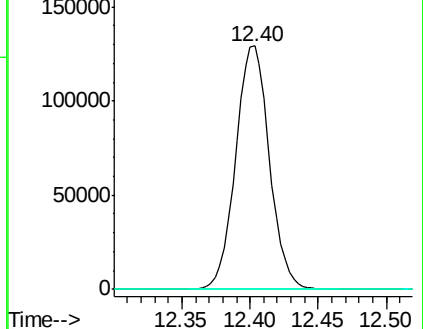
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053697.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN053697.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN053697.D (-3306) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.257 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

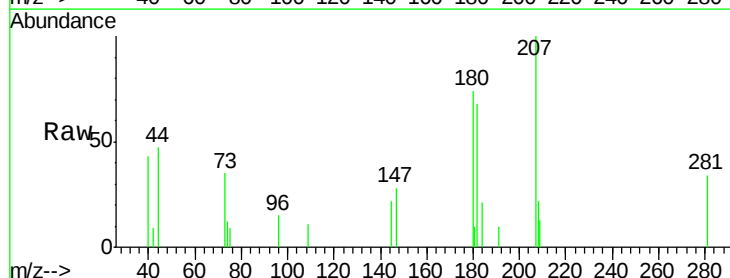
Tgt Ion:180 Resp: 2100

Ion Ratio Lower Upper

180 100

182 95.0 48.1 144.3

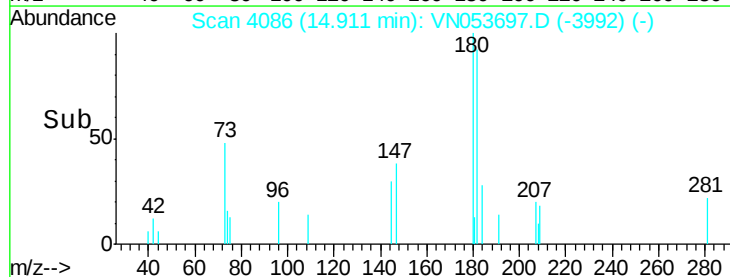
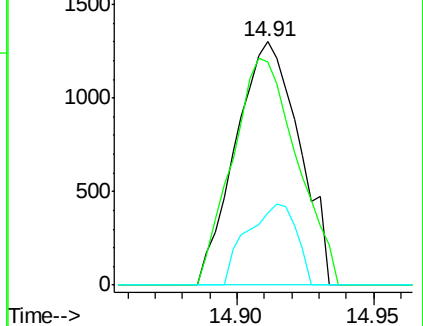
145 26.0 13.9 41.6

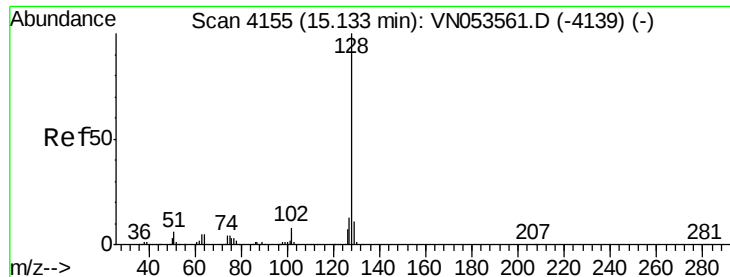


Abundance Ion 179.80 (179.50 to 180.50): VN053697.D (-4086) (-)

Ion 181.80 (181.50 to 182.50): VN053697.D (-4086) (-)

Ion 144.80 (144.50 to 145.50): VN053697.D (-4086) (-)





#95

Naphthalene

Concen: 2.020 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

PB116972TB

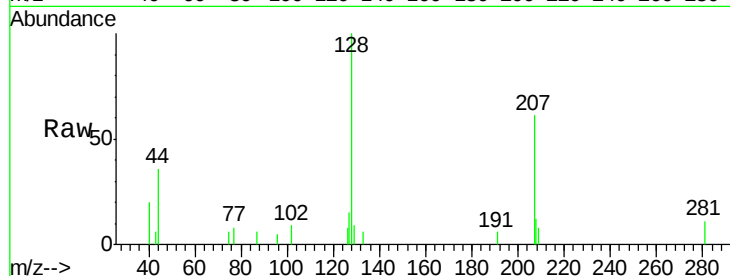
Tot Ion:128 Resp: 5629

Ion Ratio Lower Upper

128 100

127 11.0 10.3 15.5

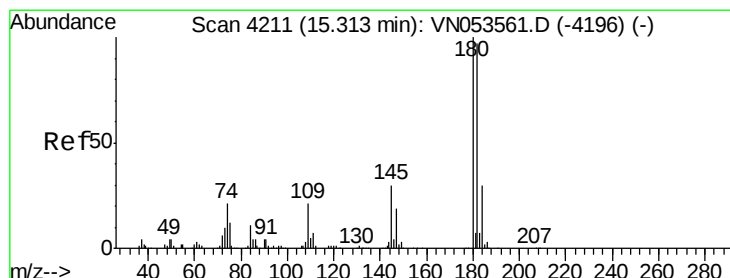
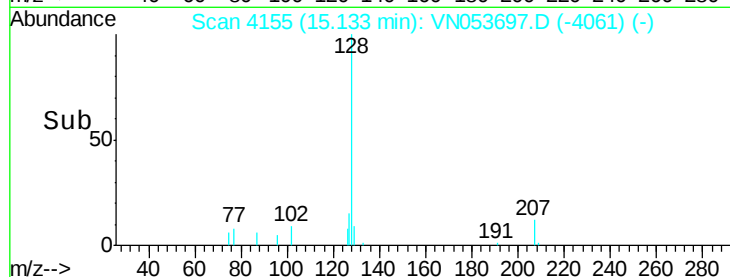
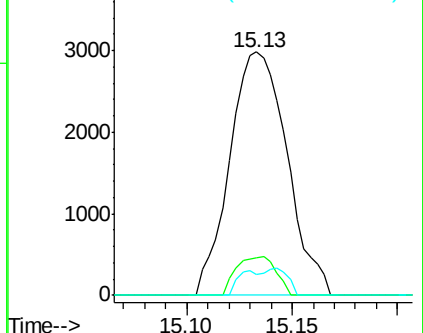
129 3.6 8.6 13.0#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.292 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN053697.D

Acq: 11 Feb 2019 11:52

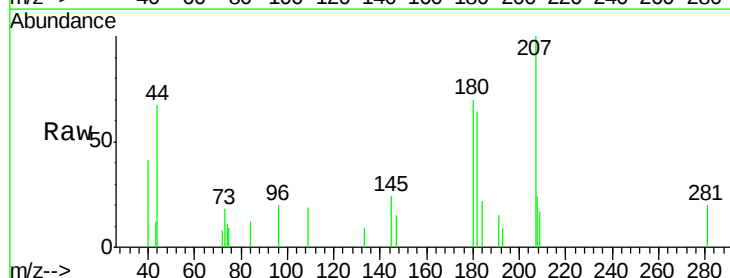
Tgt Ion:180 Resp: 2215

Ion Ratio Lower Upper

180 100

182 108.4 47.9 143.8

145 33.8 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

