

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052069.D
 Acq On : 31 Oct 2018 13:11
 Operator : MD\SY
 Sample : PB114328TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328TB

Quant Time: Oct 31 14:10:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	301280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	558398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	208052	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	256932	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
35) Dibromofluoromethane	7.59	113	208116	59.58	ug/l	0.00
Spiked Amount			Recovery	=	119.16%	
50) Toluene-d8	10.09	98	828163	59.31	ug/l	0.00
Spiked Amount			Recovery	=	118.62%	
62) 4-Bromofluorobenzene	12.40	95	285741	55.75	ug/l	0.00
Spiked Amount			Recovery	=	111.50%	

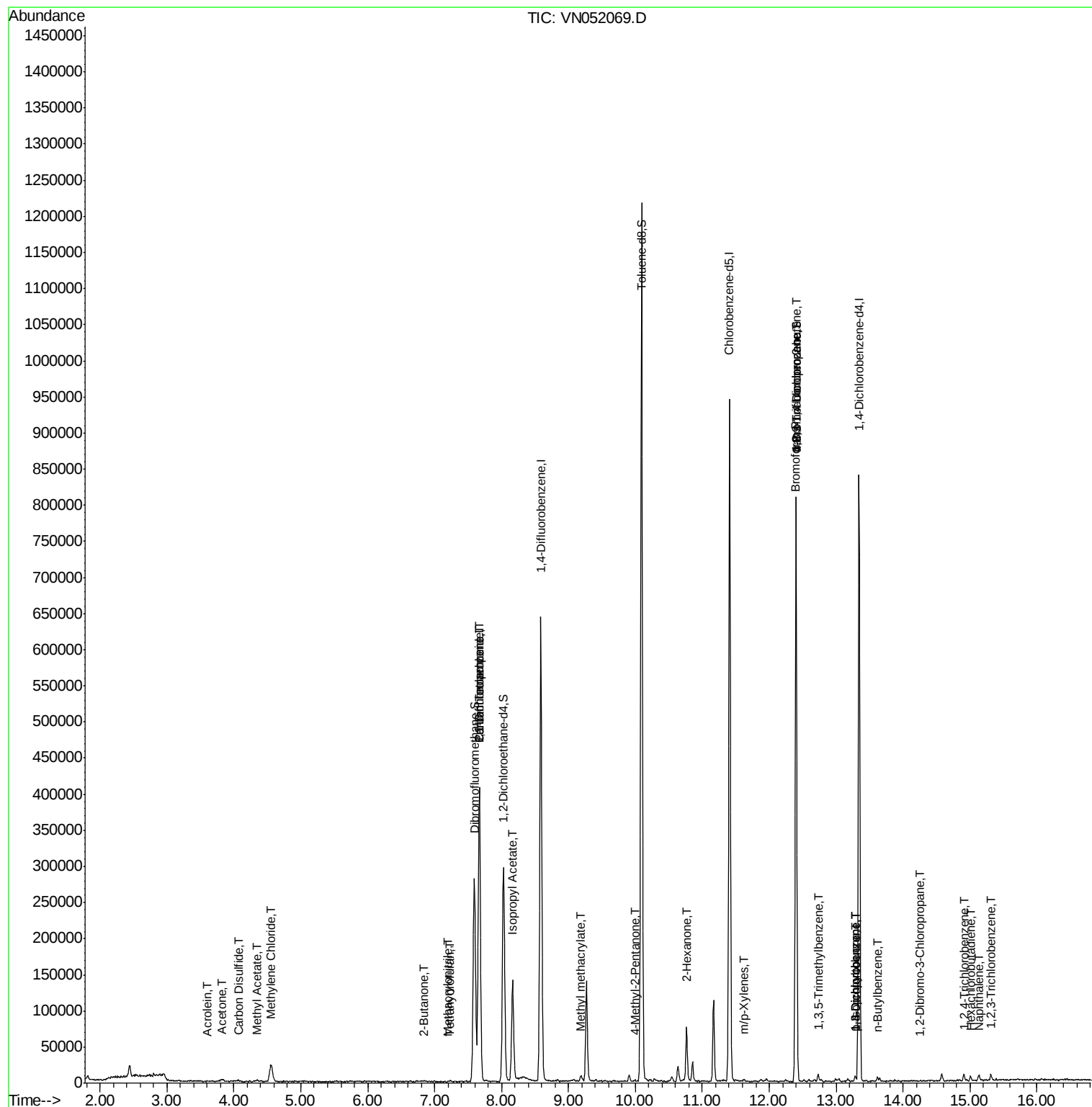
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	64	24.28	ug/l #	69
16) Acetone	3.82	43	5878	5.70	ug/l	89
17) Carbon Disulfide	4.07	76	2632	0.26	ug/l #	76
18) Methyl Acetate	4.34	43	3876	1.18	ug/l #	66
20) Methylene Chloride	4.56	84	16974	4.32	ug/l	84
25) 2-Butanone	6.84	43	1015	0.63	ug/l #	50
29) Tetrahydrofuran	7.22	42	603	0.56	ug/l #	81
31) Cyclohexane	7.67	56	8931	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	27683	4.88	ug/l #	51
38) Carbon Tetrachloride	7.67	117	33447	6.83	ug/l #	17
41) Methacrylonitrile	7.20	41	233	0.26	ug/l #	23
43) Isopropyl Acetate	8.17	43	165497	24.48	ug/l	98
48) Methyl methacrylate	9.18	41	4971	1.45	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	1406	0.38	ug/l	91
59) 2-Hexanone	10.76	43	11628	4.44	ug/l	65
68) m/p-Xylenes	11.62	106	1381	0.20	ug/l	75
71) Bromoform	12.39	173	420	2.36	ug/l #	29
76) 1,2,3-Trichloropropane	12.40	75	146668	38.51	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4085	0.28	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	146668	127.82	ug/l #	9
86) p-Isopropyltoluene	13.29	119	3054	0.22	ug/l #	81
87) 1,3-Dichlorobenzene	13.28	146	1492	0.22	ug/l	82
88) 1,4-Dichlorobenzene	13.28	146	1492	0.22	ug/l	84
89) n-Butylbenzene	13.62	91	3021	0.22	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.26	75	105	1.09	ug/l #	55
93) 1,2,4-Trichlorobenzene	14.91	180	2418	1.02	ug/l	88
94) Hexachlorobutadiene	15.01	225	968	0.73	ug/l	86
95) Naphthalene	15.13	128	6268	1.05	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.31	180	2505	1.22	ug/l	78

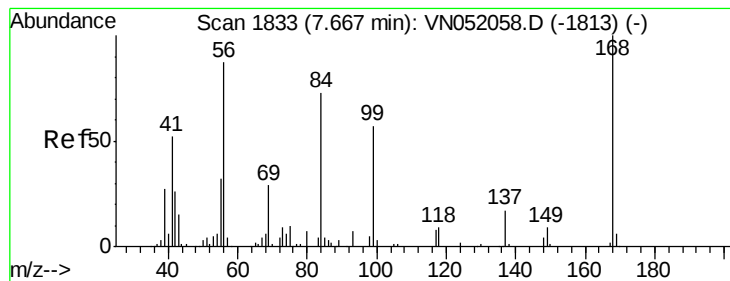
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

Instrument :

MSVOA_N

ClientSampleId :

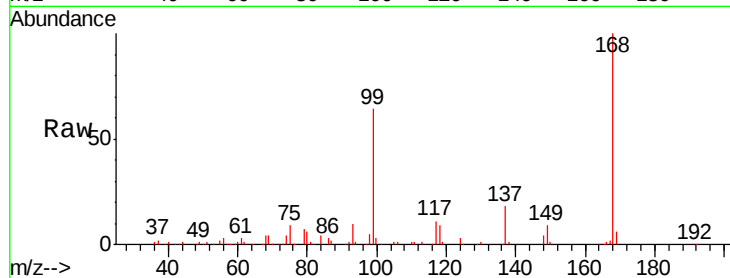
PB114328TB

Tgt Ion:168 Resp: 301280

Ion Ratio Lower Upper

168 100

99 64.4 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052058.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN052058.D (-1813) (-)

7.67

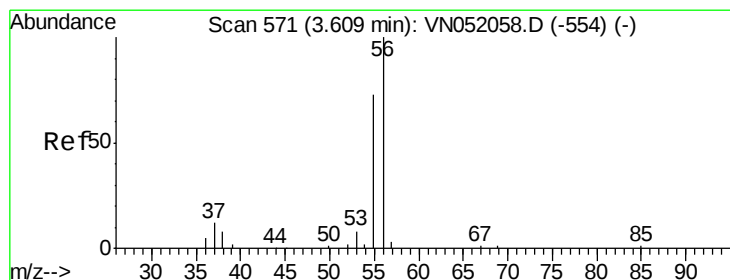
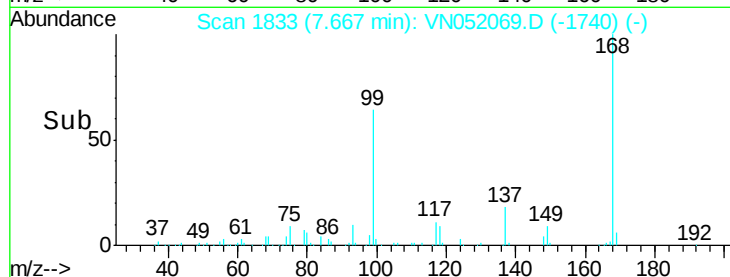
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 24.28 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN052069.D

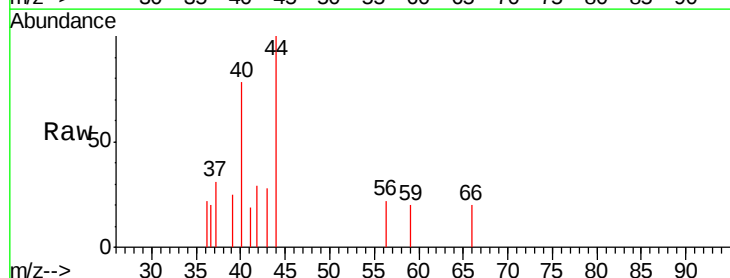
Acq: 31 Oct 2018 13:11

Tgt Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 48.4 59.9 89.9#



Abundance Ion 56.00 (55.70 to 56.70): VN052058.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN052058.D (-554) (-)

3.60

200

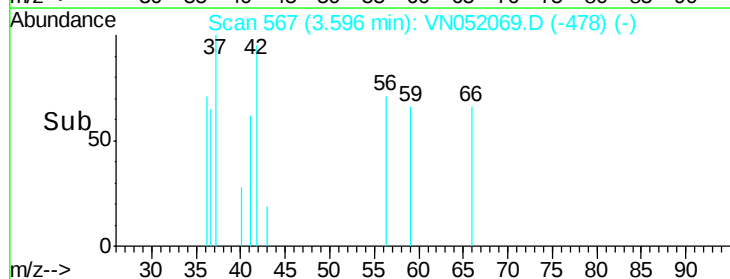
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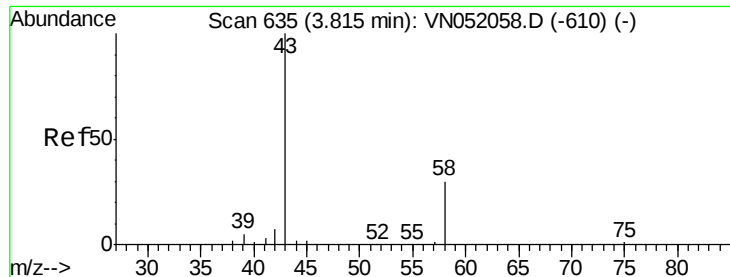
100

50

0

Time-->





#16

Acetone

Concen: 5.70 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

Instrument :

MSVOA_N

ClientSampled :

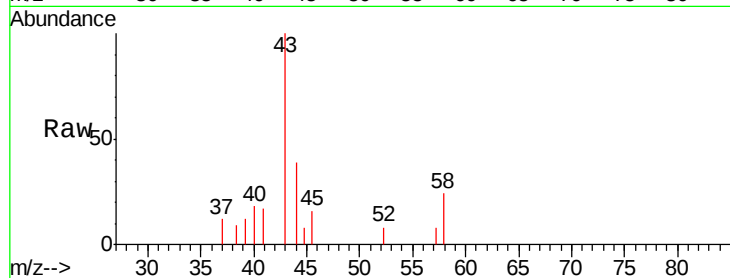
PB114328TB

Tgt Ion: 43 Resp: 5878

Ion Ratio Lower Upper

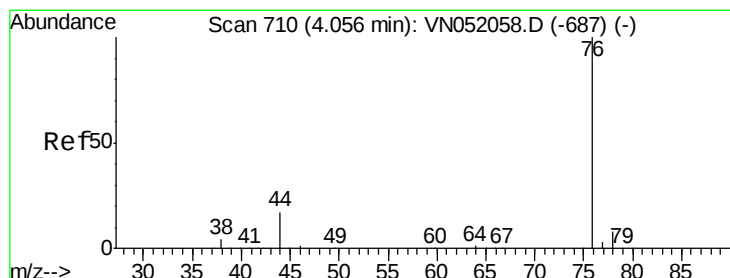
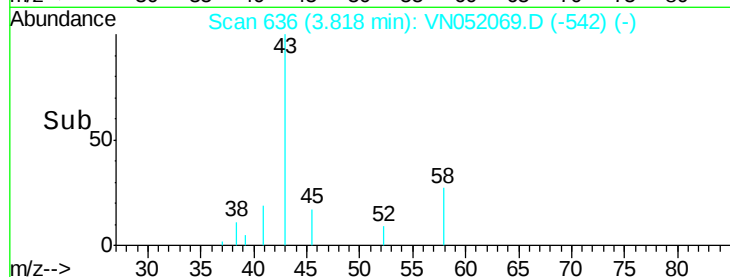
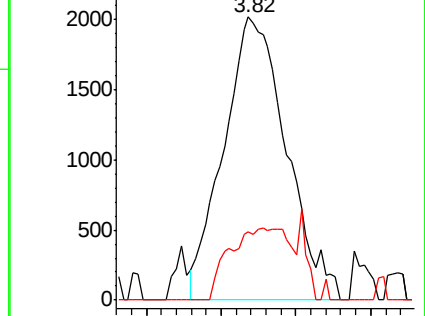
43 100

58 24.3 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.26 ug/l

RT: 4.07 min Scan# 713

Delta R.T. 0.01 min

Lab File: VN052069.D

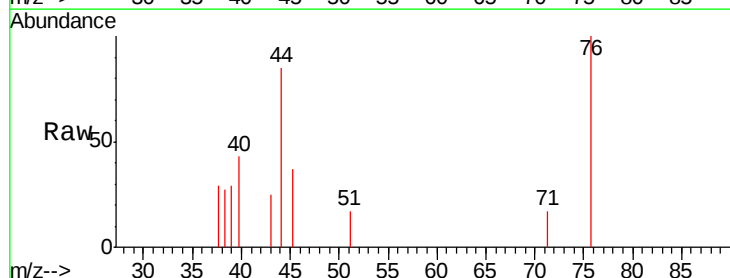
Acq: 31 Oct 2018 13:11

Tgt Ion: 76 Resp: 2632

Ion Ratio Lower Upper

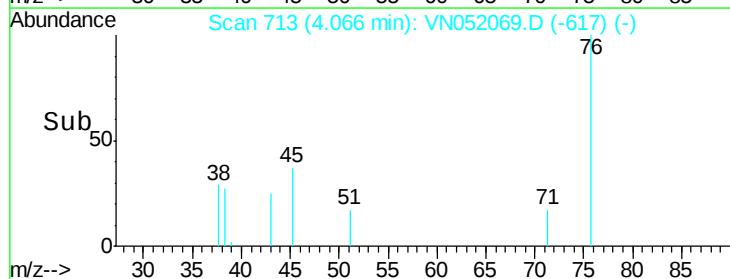
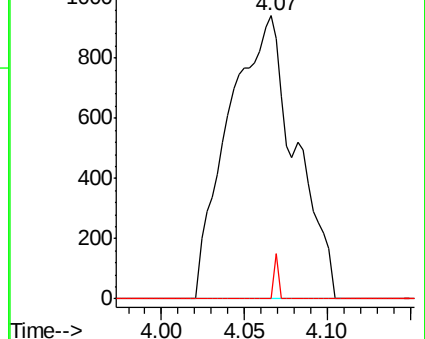
76 100

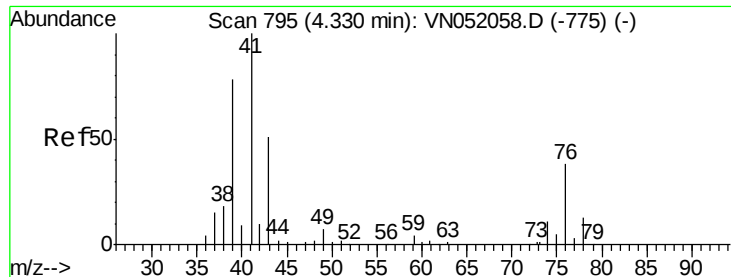
78 0.0 6.8 10.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

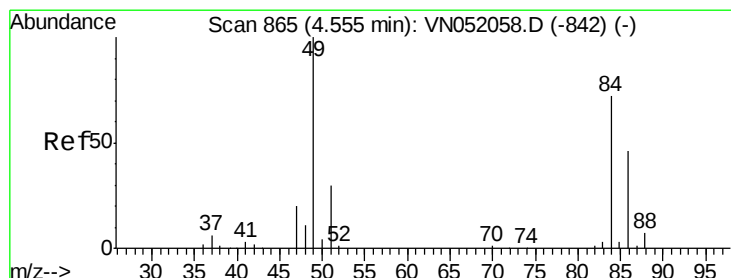
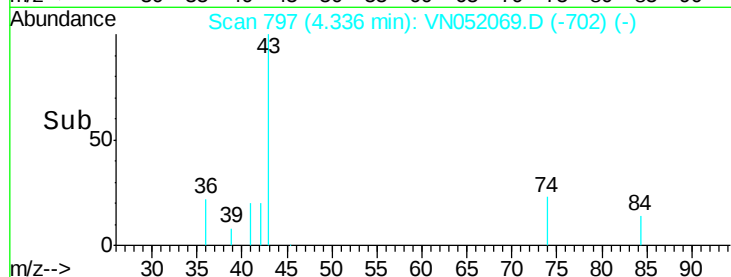
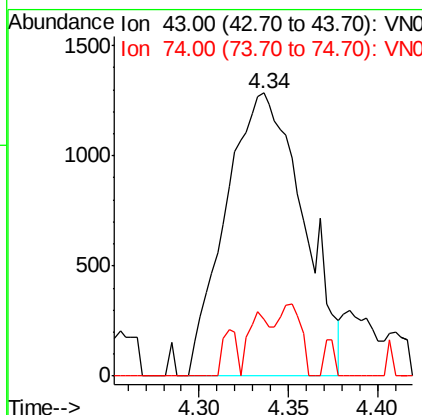
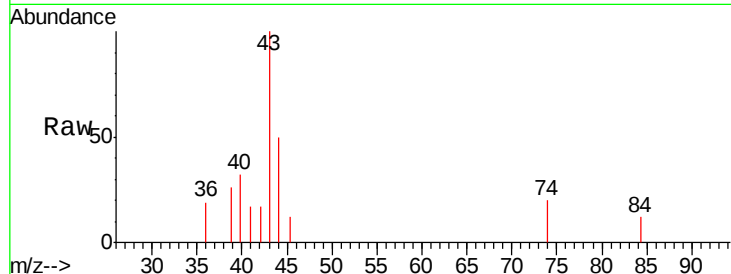




#18
Methyl Acetate
Concen: 1.18 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

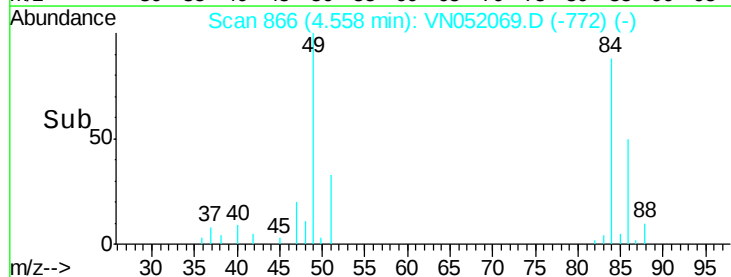
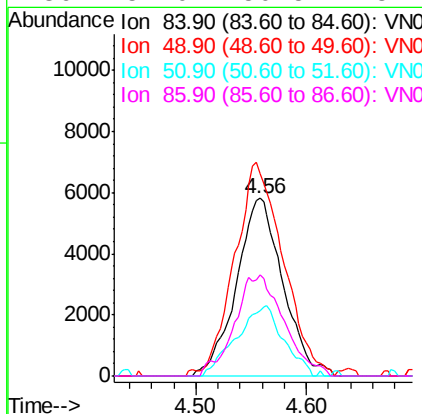
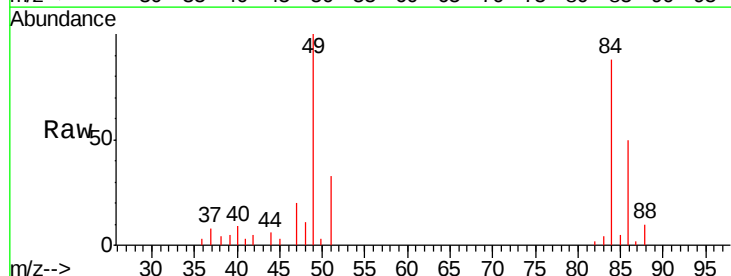
Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

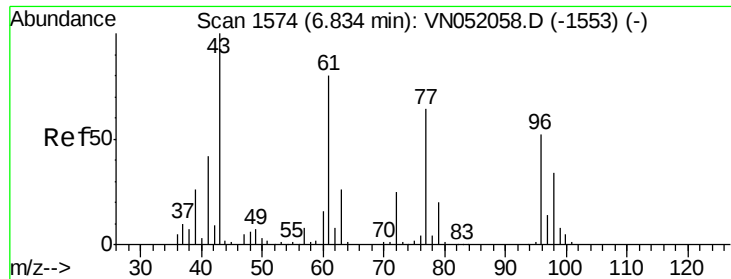
Tgt Ion: 43 Resp: 3876
Ion Ratio Lower Upper
43 100
74 5.9 17.9 26.9#



#20
Methylene Chloride
Concen: 4.32 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 84 Resp: 16974
Ion Ratio Lower Upper
84 100
49 111.1 110.6 165.8
51 37.0 33.7 50.5
86 57.0 50.5 75.7

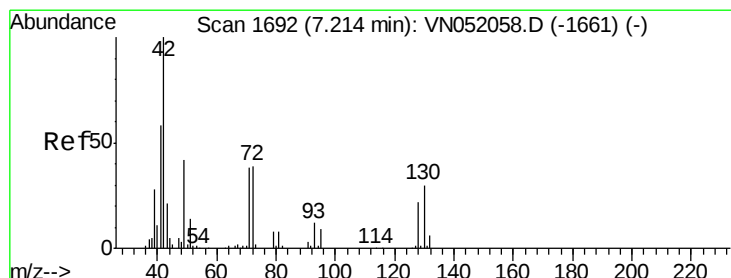
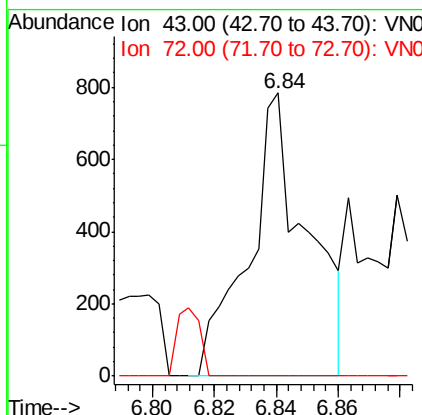
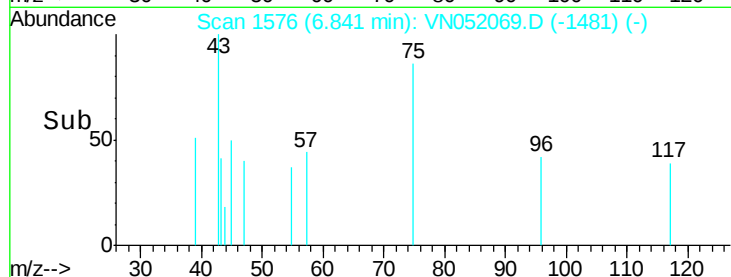
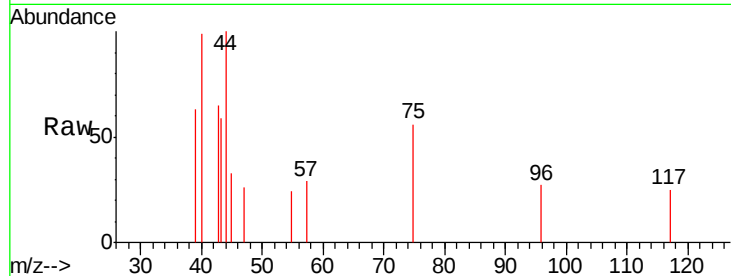




#25
2-Butanone
Concen: 0.63 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

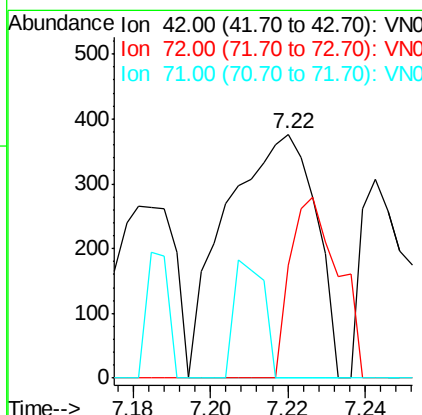
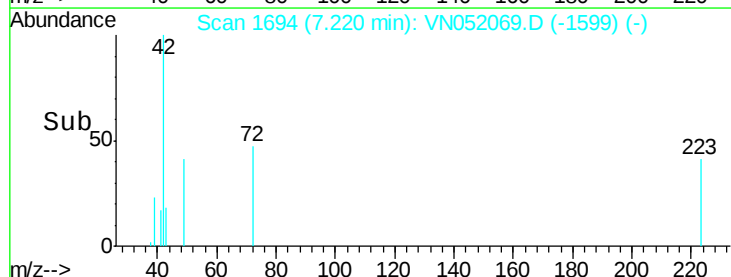
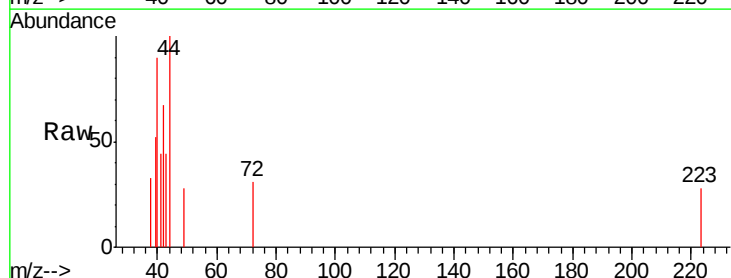
Instrument :
MSVOA_N
ClientSampled :
PB114328TB

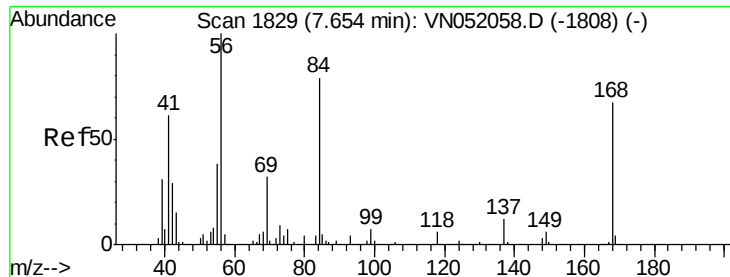
Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#29
Tetrahydrofuran
Concen: 0.56 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 42 Resp: 603
Ion Ratio Lower Upper
42 100
72 39.8 32.5 48.7
71 15.9 30.6 46.0#

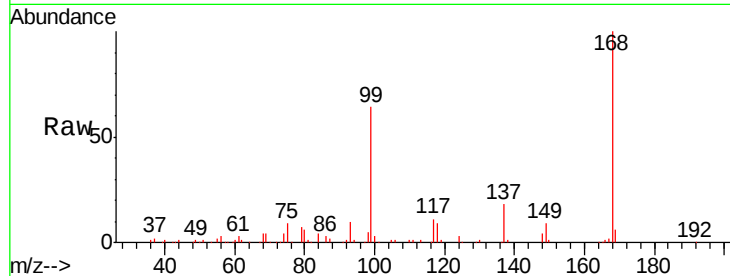




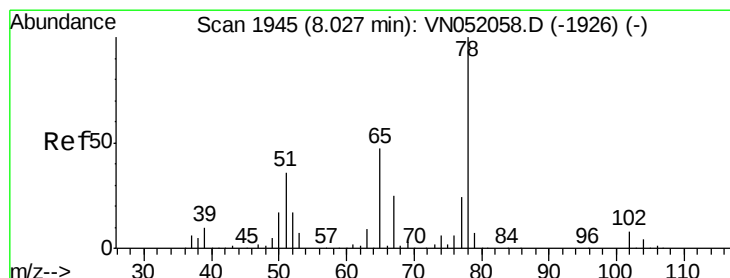
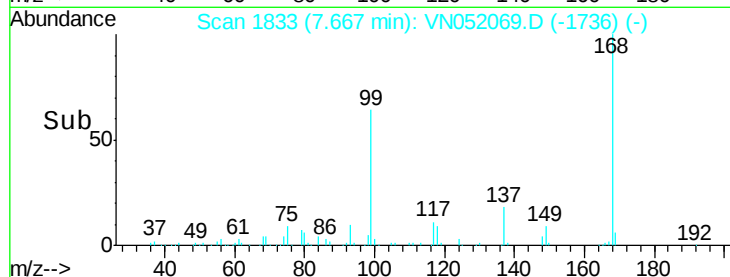
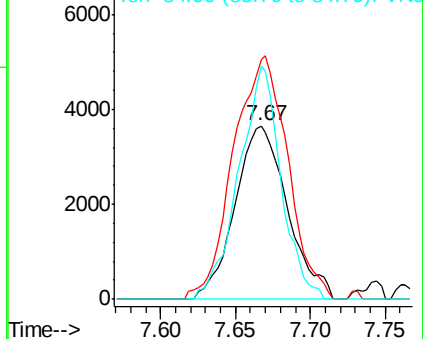
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion: 56 Resp: 8931
Ion Ratio Lower Upper
56 100
69 138.3 25.8 38.6#
84 134.7 63.5 95.3#

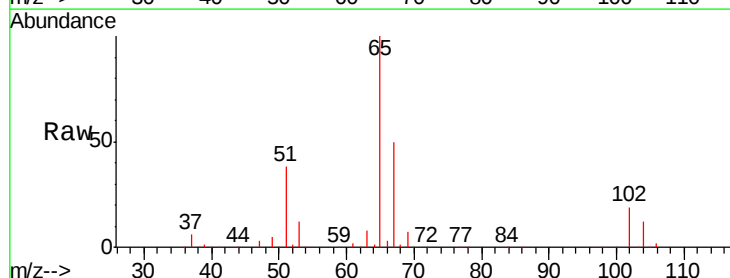


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

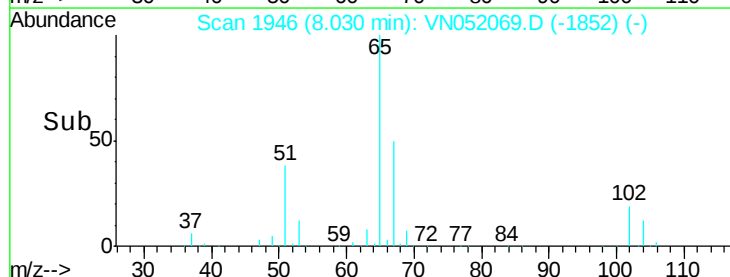
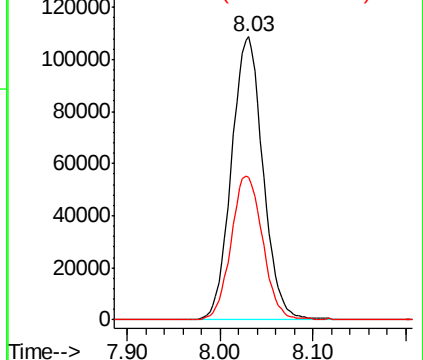


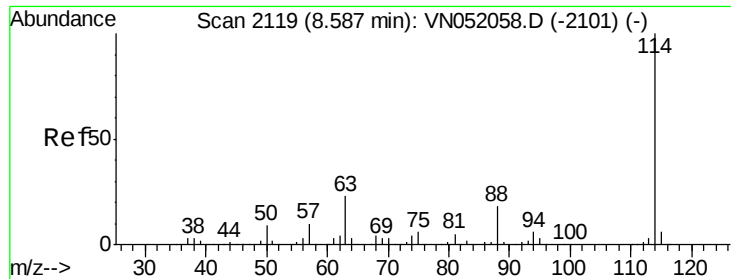
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 65 Resp: 256932
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

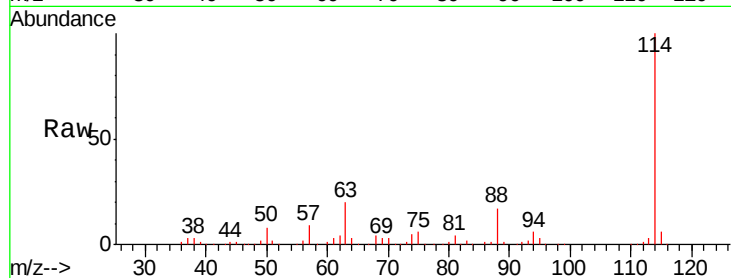




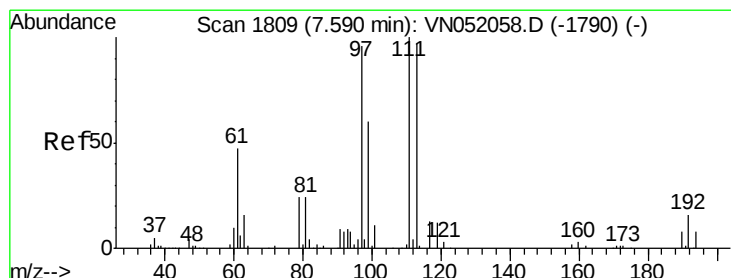
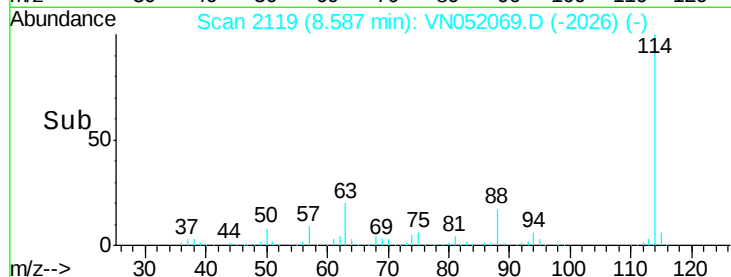
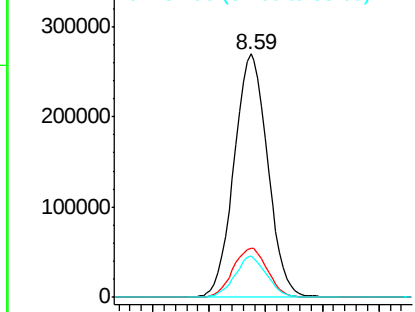
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328TB

Tgt Ion:114 Resp: 558398
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 46.0
 88 16.8 0.0 35.4

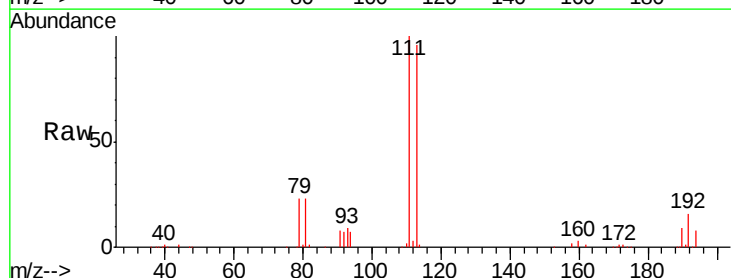


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

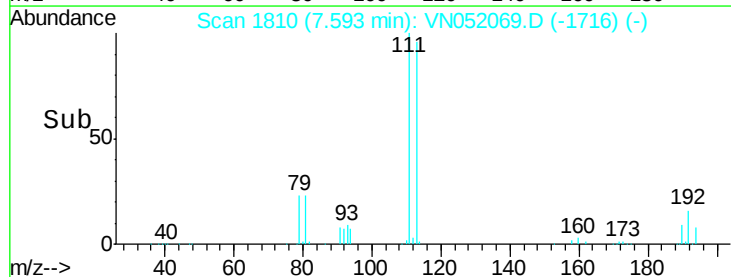
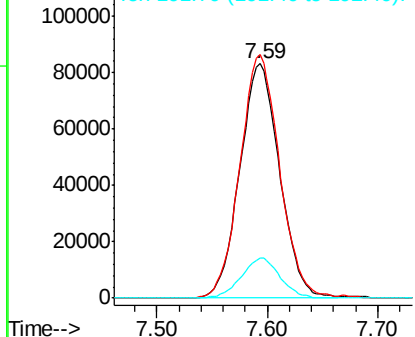


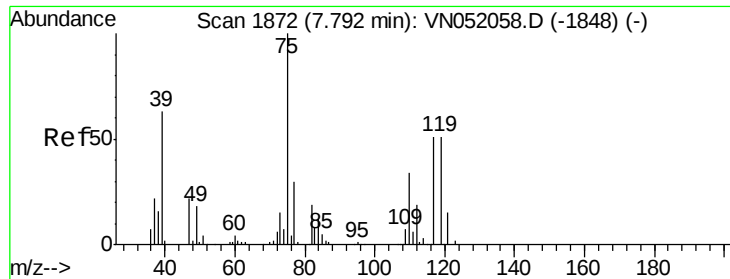
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

Tgt Ion:113 Resp: 208116
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.1 124.7
 192 16.6 12.7 19.1



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

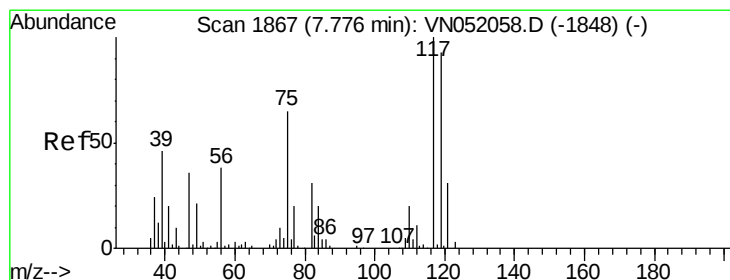
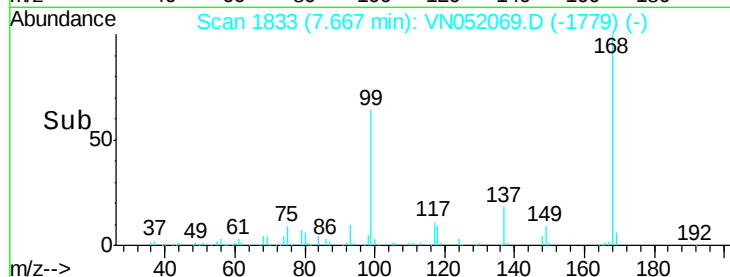
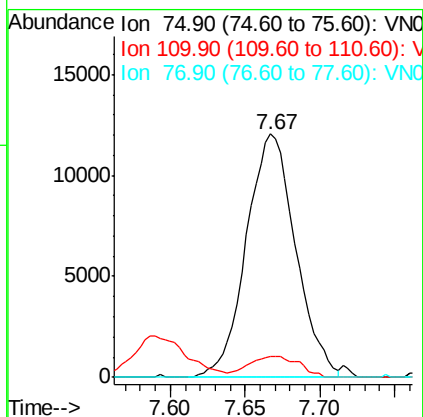
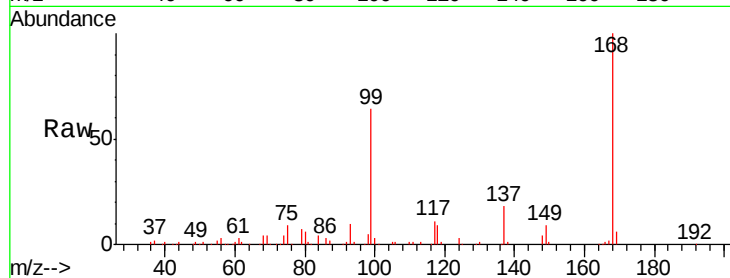




#36
 1,1-Dichloropropene
 Concen: 4.88 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

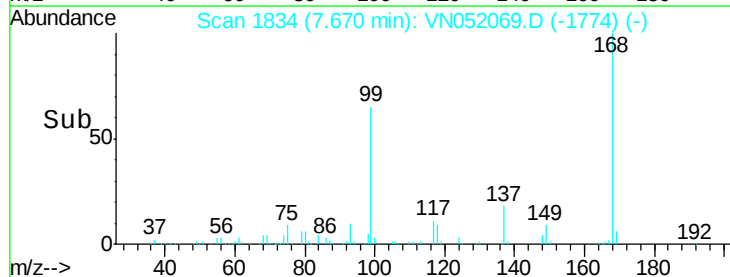
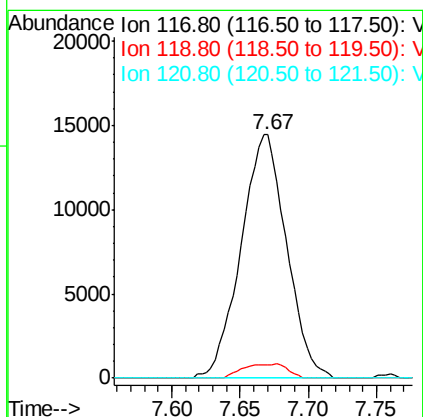
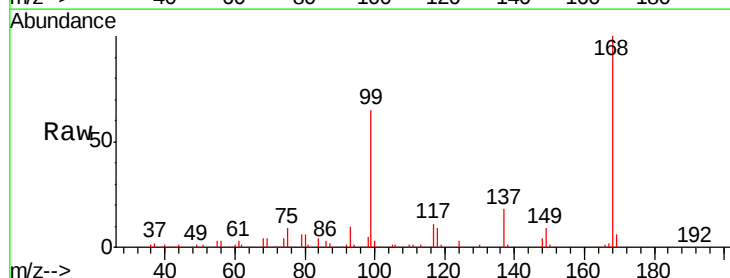
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328TB

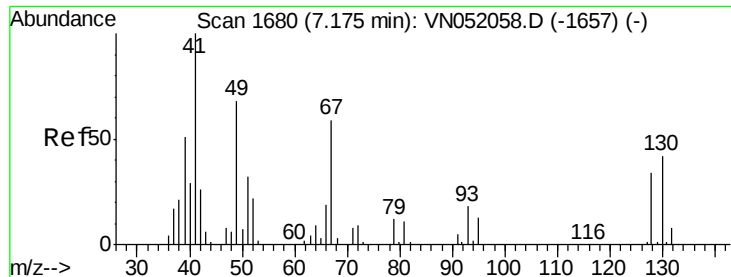
Tgt Ion: 75 Resp: 27683
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.0 48.0#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.83 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.11 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

Tgt Ion: 117 Resp: 33447
 Ion Ratio Lower Upper
 117 100
 119 5.4 74.8 112.2#
 121 0.0 25.1 37.7#





#41

Methacrylonitrile

Concen: 0.26 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.03 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

Instrument :

MSVOA_N

ClientSampled :

PB114328TB

Tgt Ion: 41 Resp: 233

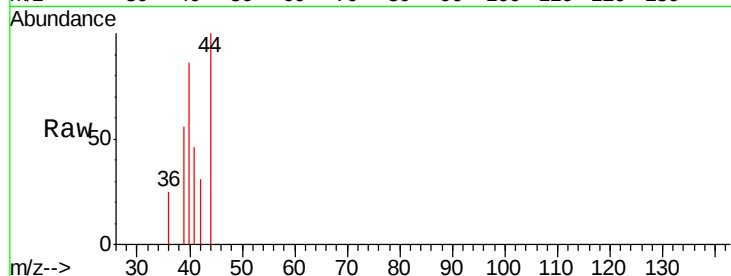
Ion Ratio Lower Upper

41 100

39 83.7 33.2 49.8#

67 0.0 63.5 95.3#

52 0.0 25.6 38.4#

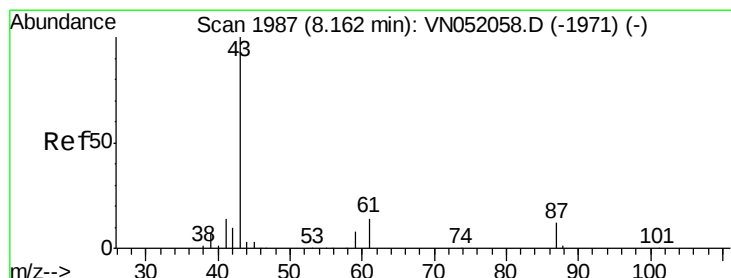
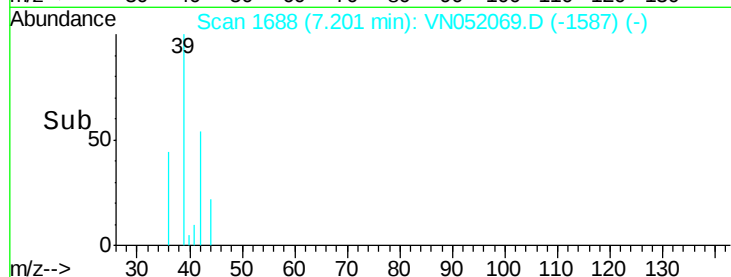
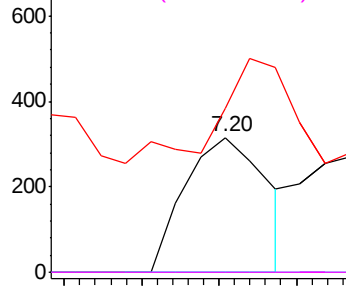


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#43

Isopropyl Acetate

Concen: 24.48 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

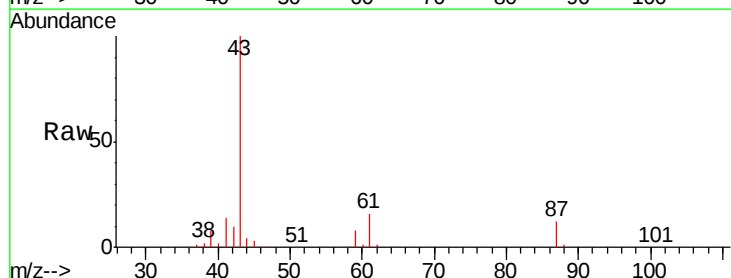
Tgt Ion: 43 Resp: 165497

Ion Ratio Lower Upper

43 100

61 18.2 15.4 23.0

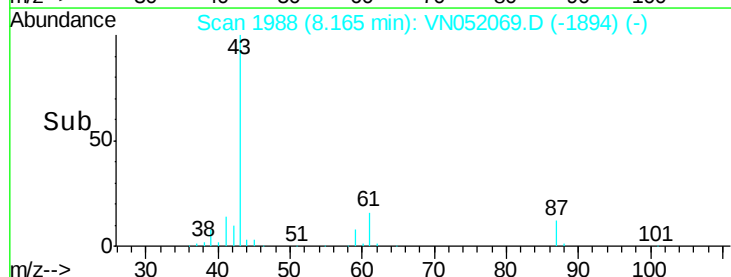
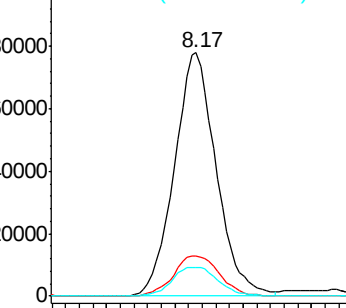
87 13.3 9.8 14.8

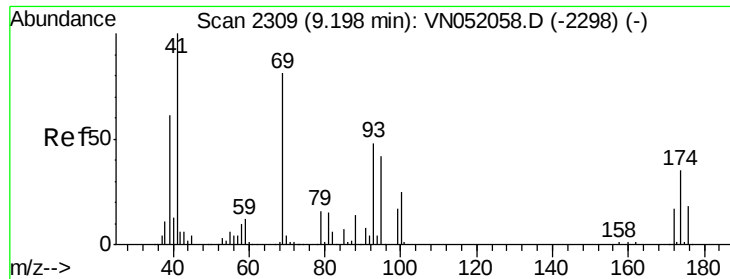


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 61.00 (60.70 to 61.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

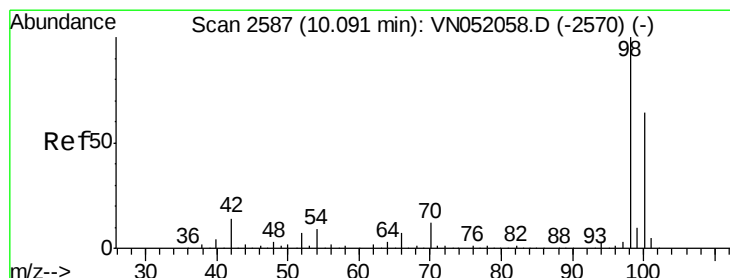
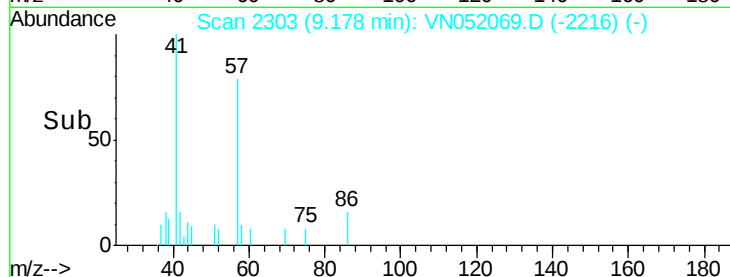
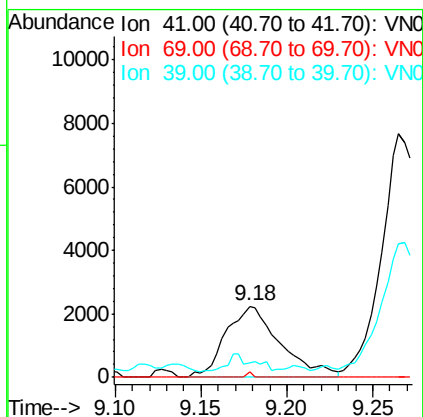
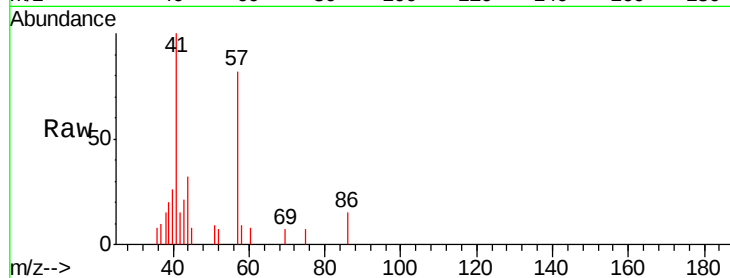




#48
Methyl methacrylate
Concen: 1.45 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

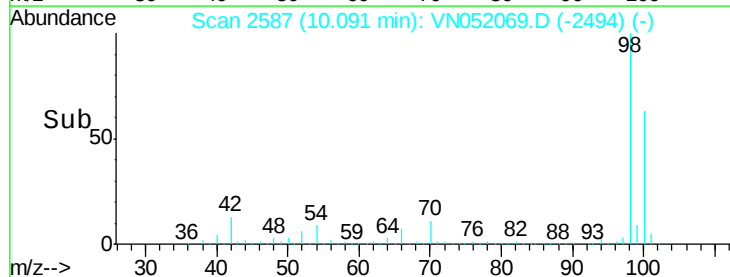
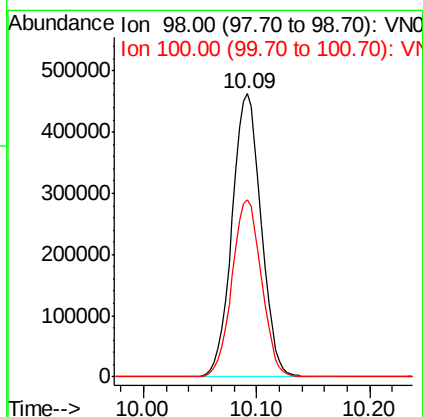
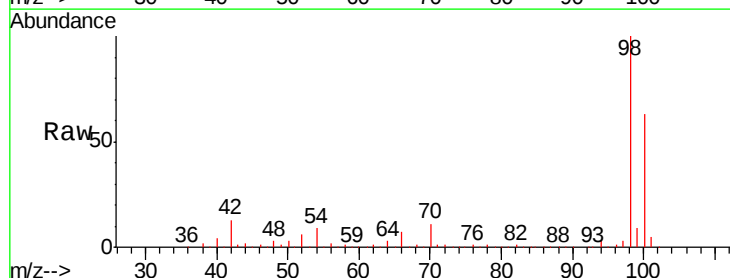
Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

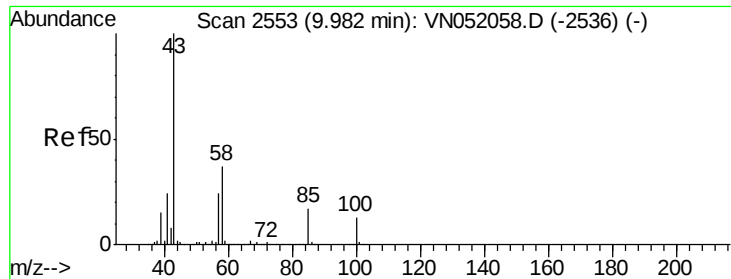
Tgt Ion: 41 Resp: 4971
Ion Ratio Lower Upper
41 100
69 0.6 67.1 100.7#
39 7.5 50.5 75.7#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 98 Resp: 828163
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.2

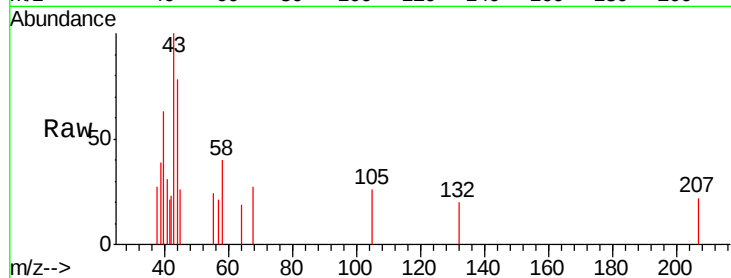




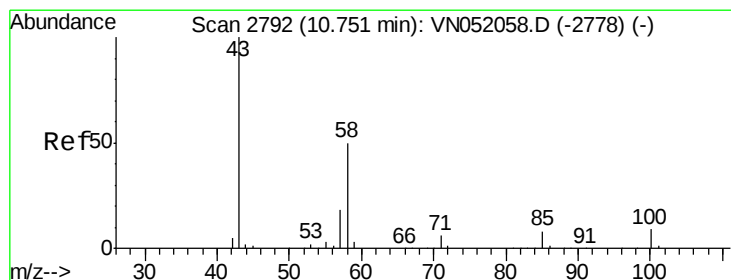
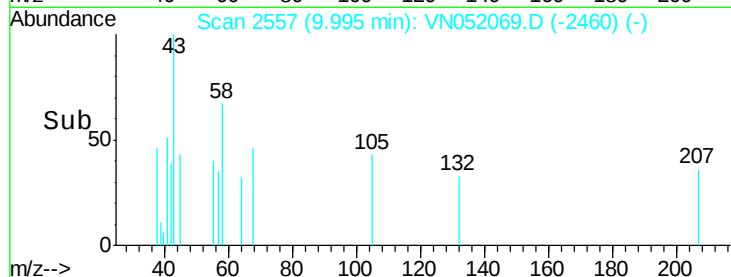
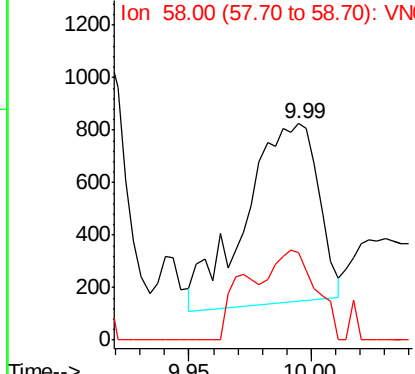
#51
 4-Methyl-2-Pentanone
 Concen: 0.38 ug/l
 RT: 9.99 min Scan# 2557
 Delta R.T. 0.01 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

Instrument :
 MSVOA_N
 ClientSampled :
 PB114328TB

Tgt Ion: 43 Resp: 1406
 Ion Ratio Lower Upper
 43 100
 58 31.4 29.7 44.5

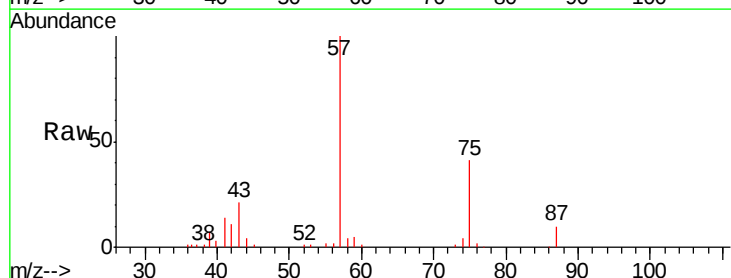


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

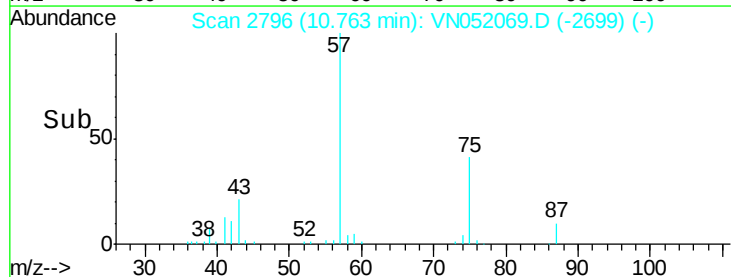
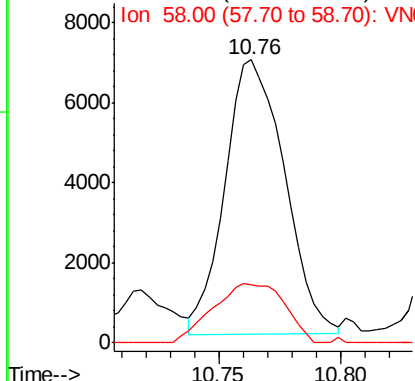


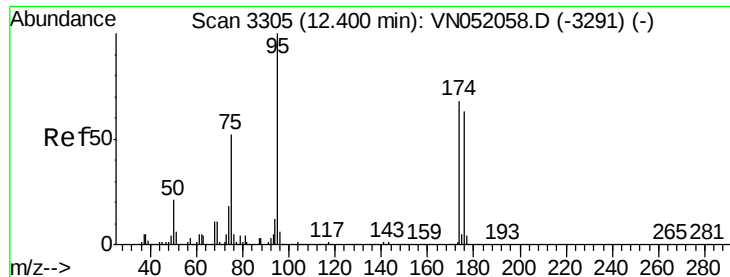
#59
 2-Hexanone
 Concen: 4.44 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

Tgt Ion: 43 Resp: 11628
 Ion Ratio Lower Upper
 43 100
 58 26.0 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

Instrument :

MSVOA_N

ClientSampleId :

PB114328TB

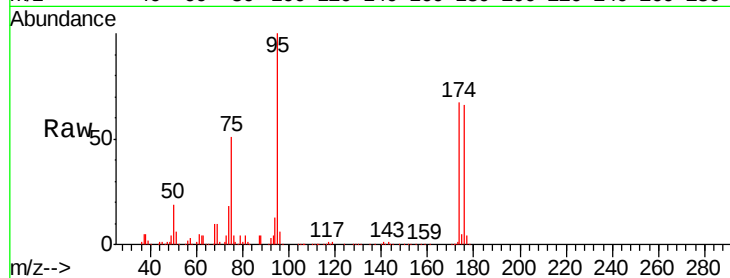
Tgt Ion: 95 Resp: 285741

Ion Ratio Lower Upper

95 100

174 68.7 0.0 131.8

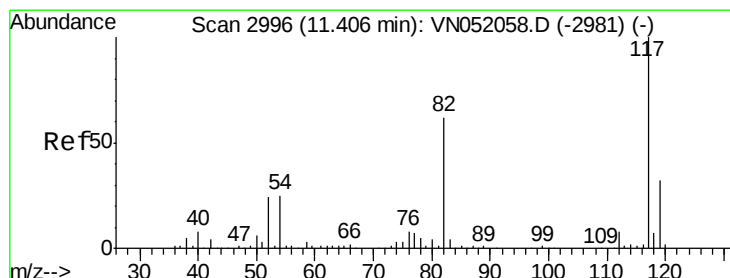
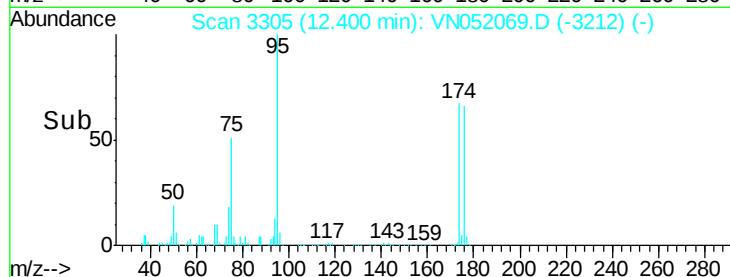
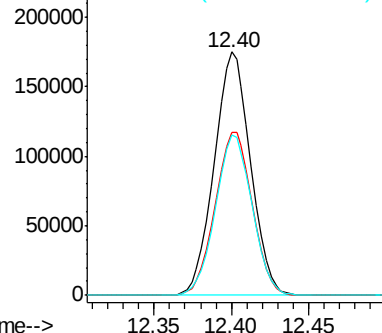
176 66.5 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN052058.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052058.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052058.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

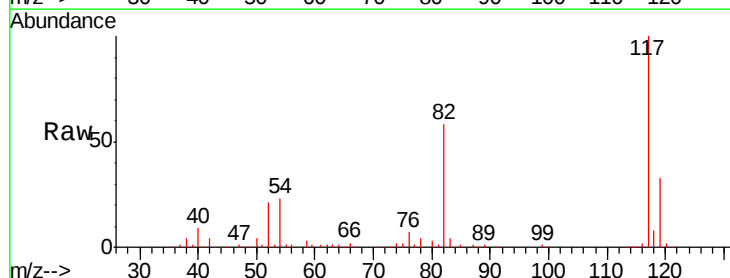
Tgt Ion: 117 Resp: 510026

Ion Ratio Lower Upper

117 100

82 57.6 49.9 74.9

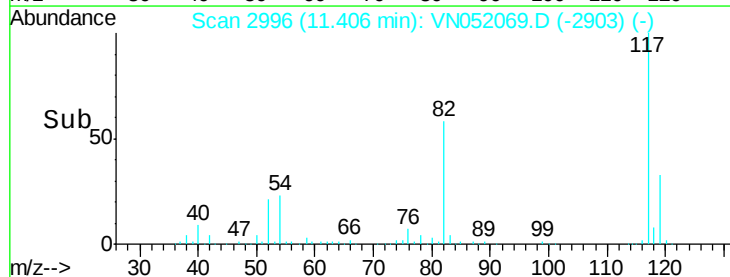
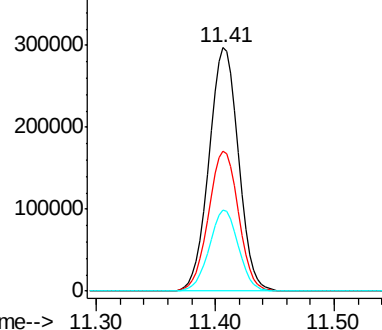
119 33.2 25.7 38.5

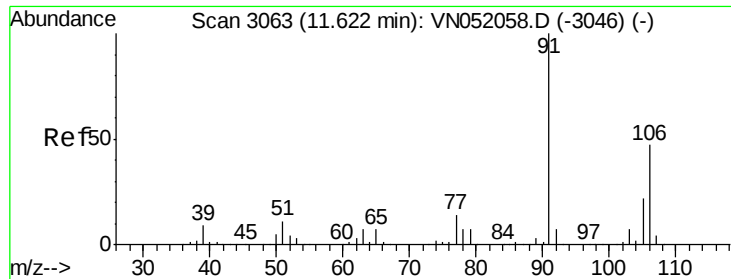


Abundance Ion 116.90 (116.60 to 117.60): VN052058.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052058.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052058.D (-2981) (-)

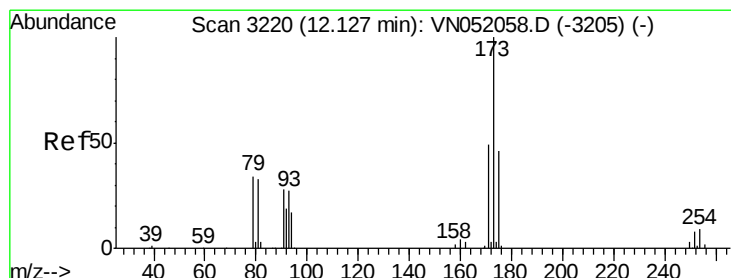
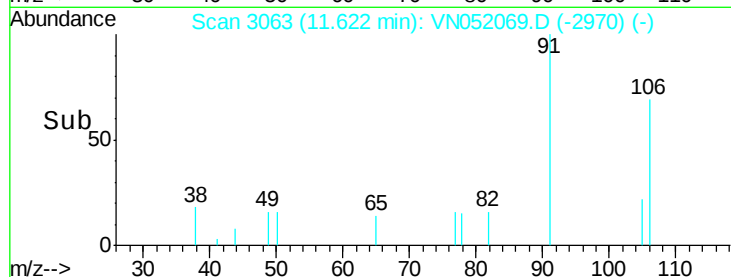
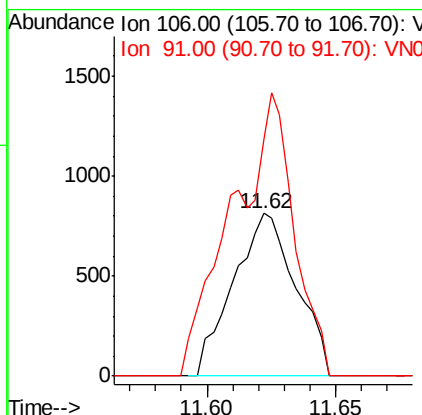
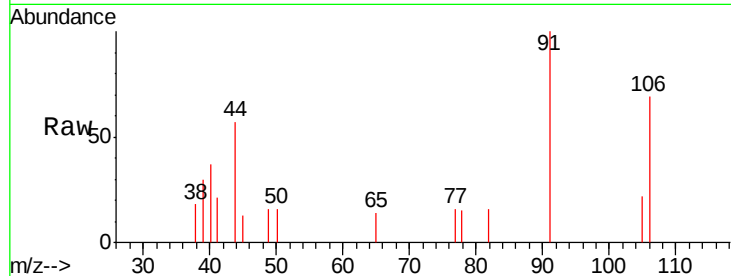




#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

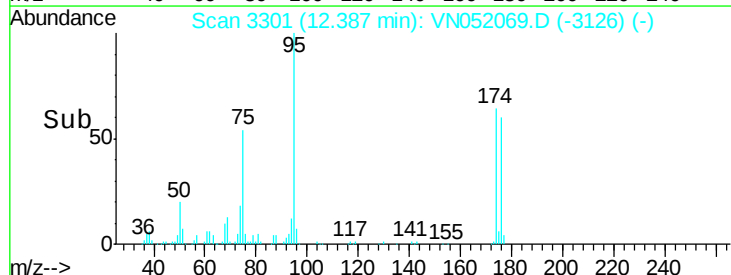
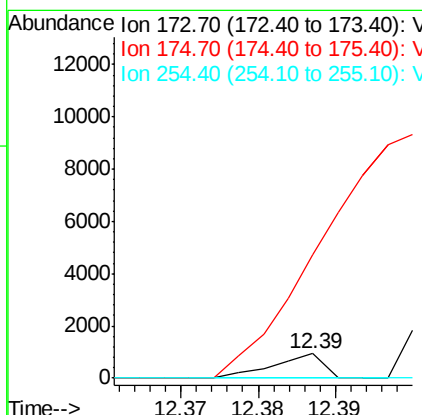
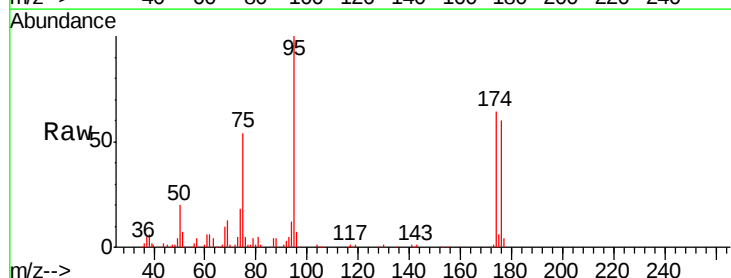
Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

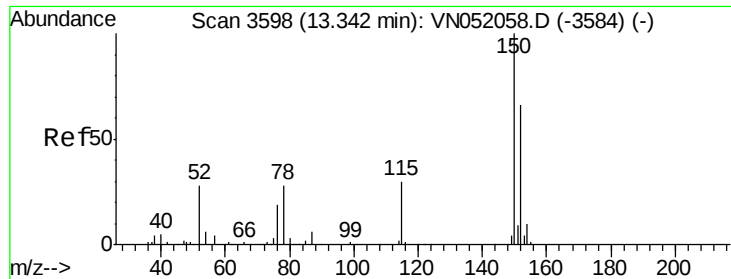
Tgt Ion:106 Resp: 1381
Ion Ratio Lower Upper
106 100
91 171.6 168.7 253.1



#71
Bromoform
Concen: 2.36 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion:173 Resp: 420
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.7#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

Instrument :

MSVOA_N

ClientSampled :

PB114328TB

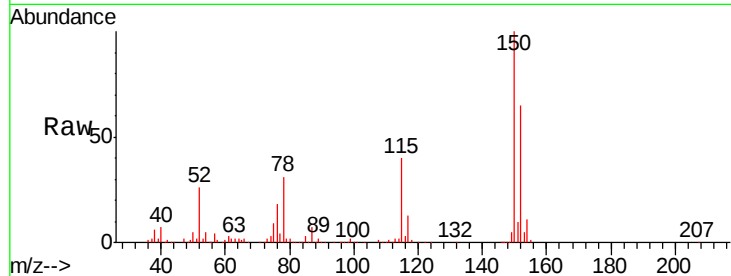
Tgt Ion:152 Resp: 208052

Ion Ratio Lower Upper

152 100

115 61.7 31.6 95.0

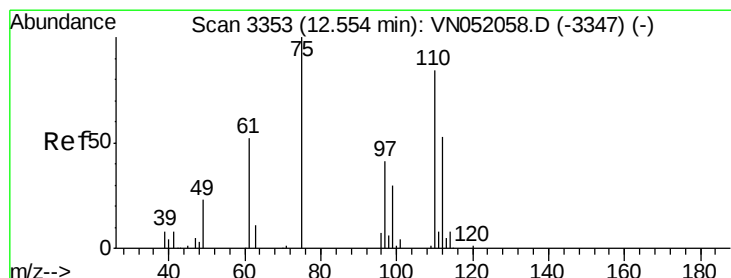
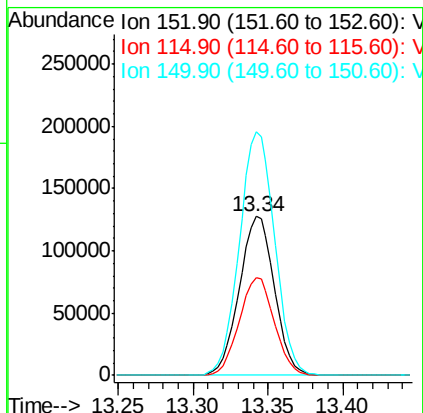
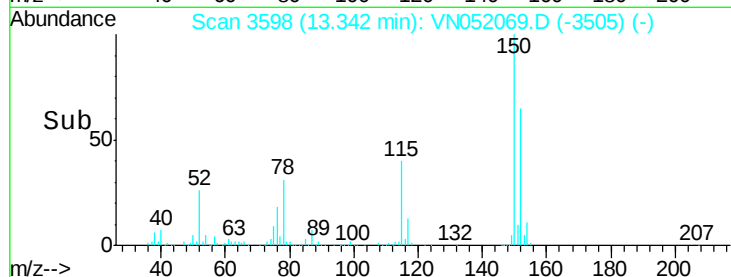
150 154.3 0.0 345.0



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



#76

1,2,3-Trichloropropane

Concen: 38.51 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052069.D

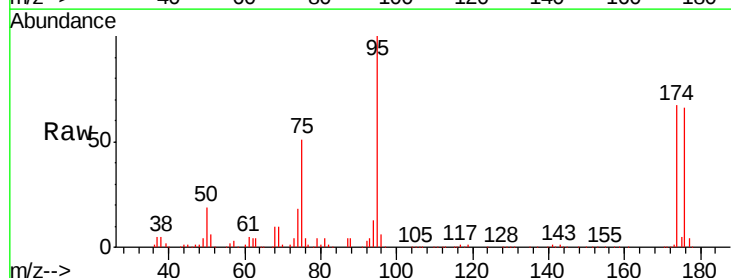
Acq: 31 Oct 2018 13:11

Tgt Ion: 75 Resp: 146668

Ion Ratio Lower Upper

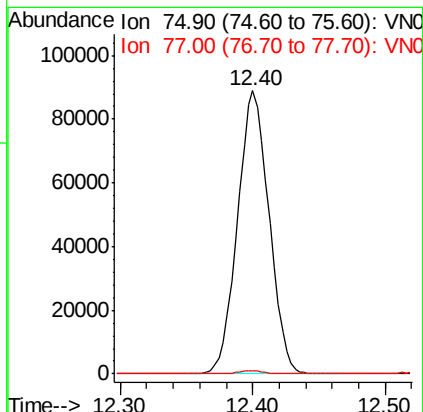
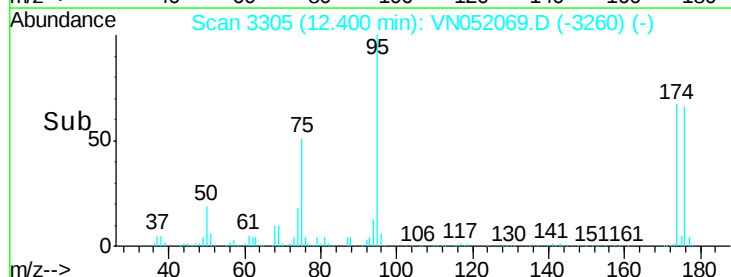
75 100

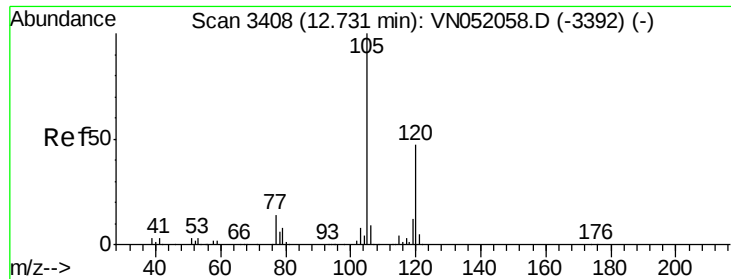
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

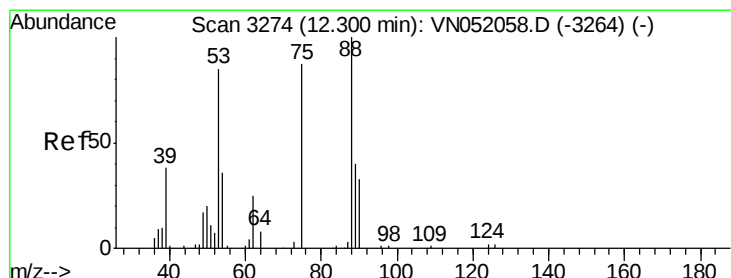
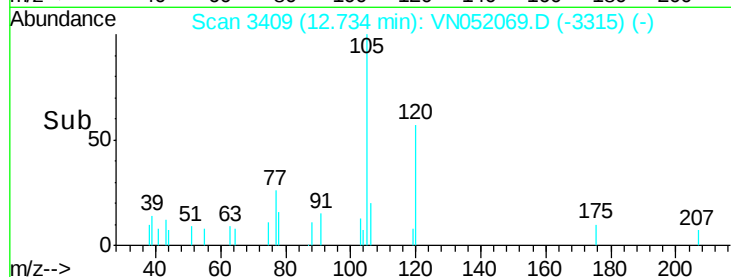
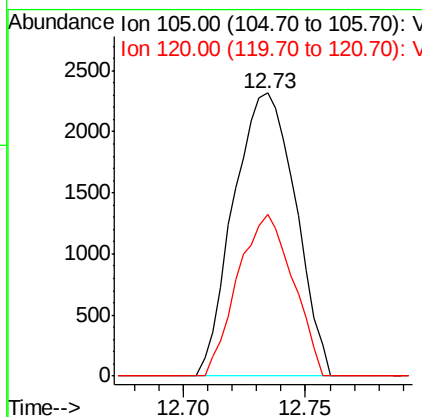
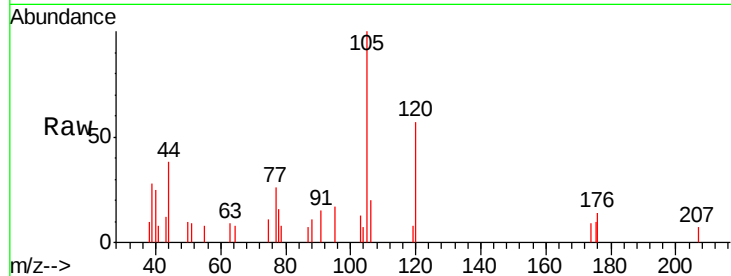




#80
 1,3,5-Trimethylbenzene
 Concen: 0.28 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

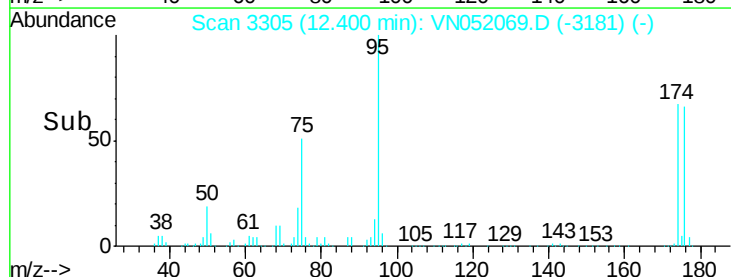
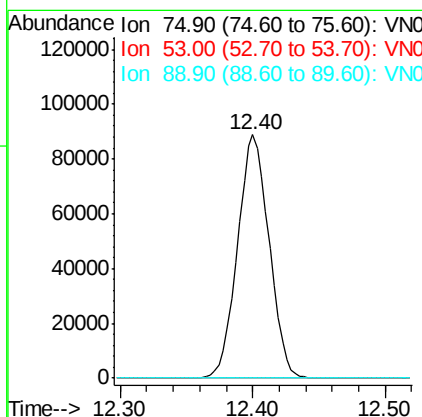
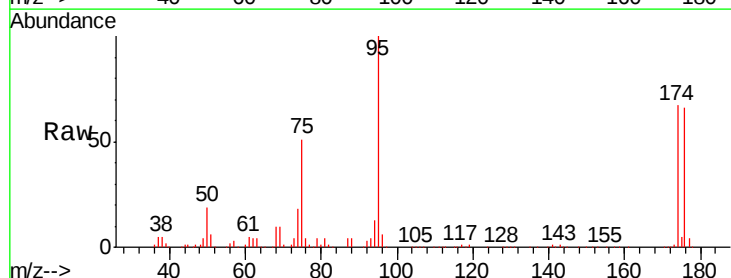
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328TB

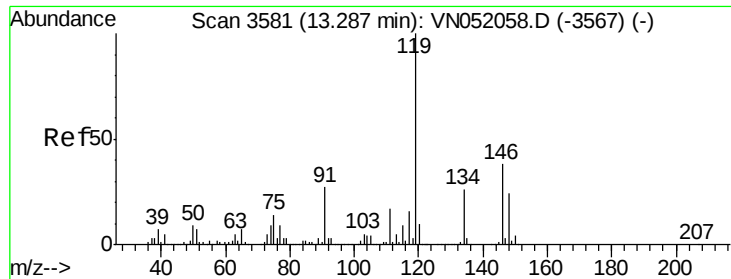
Tgt Ion: 105 Resp: 4085
 Ion Ratio Lower Upper
 105 100
 120 50.9 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.82 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

Tgt Ion: 75 Resp: 146668
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.8 122.6#
 89 0.0 36.6 54.8#

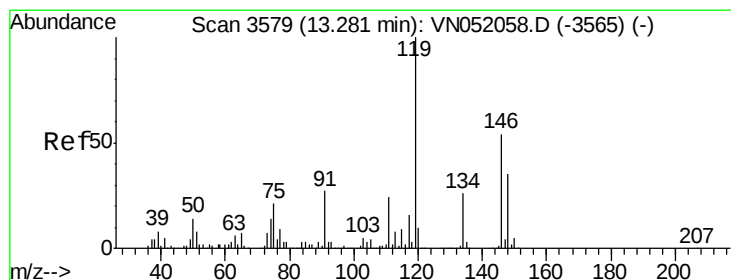
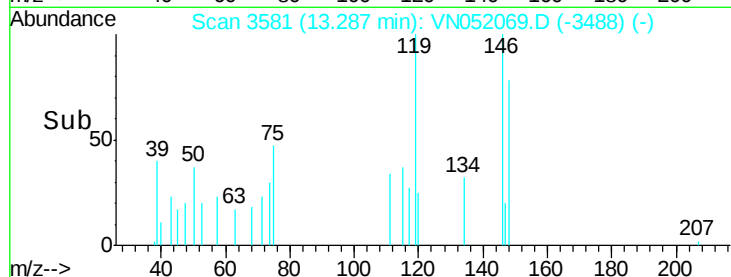
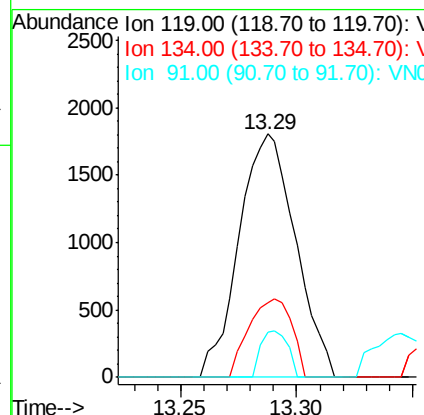
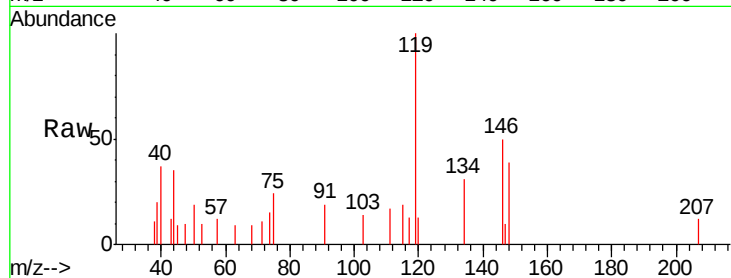




#86
p-Isopropyltoluene
Concen: 0.22 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

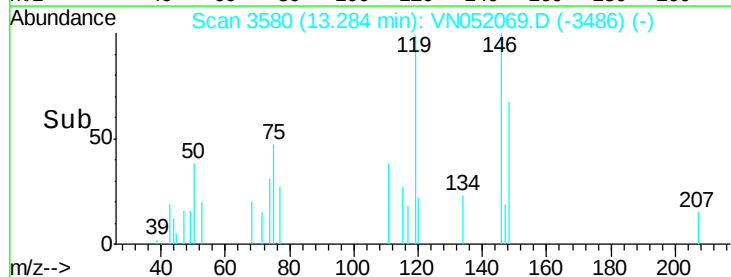
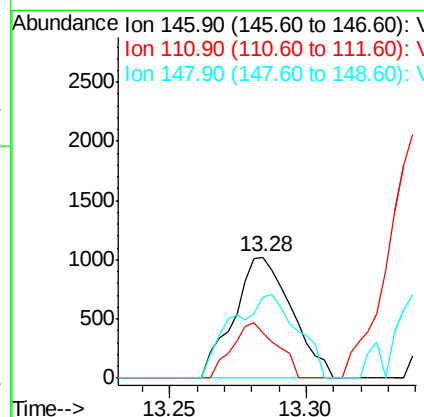
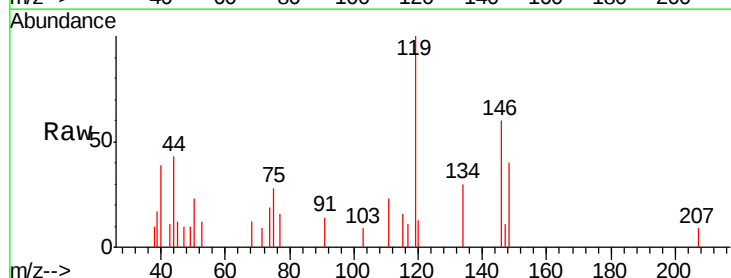
Instrument :
MSVOA_N
ClientSampled :
PB114328TB

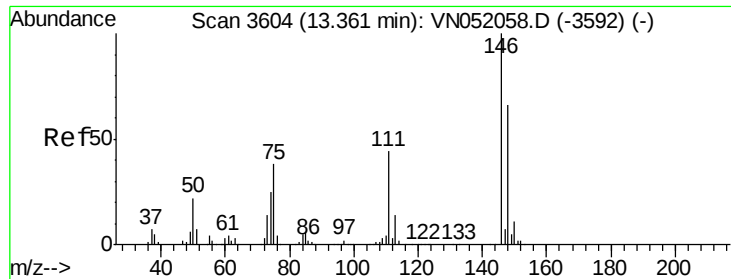
Tgt Ion:119 Resp: 3054
Ion Ratio Lower Upper
119 100
134 24.2 12.8 38.3
91 9.2 13.4 40.2#



#87
1,3-Dichlorobenzene
Concen: 0.22 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion:146 Resp: 1492
Ion Ratio Lower Upper
146 100
111 35.5 22.9 68.8
148 79.1 31.8 95.4





#88

1,4-Dichlorobenzene

Concen: 0.22 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.08 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

Instrument :

MSVOA_N

ClientSampled :

PB114328TB

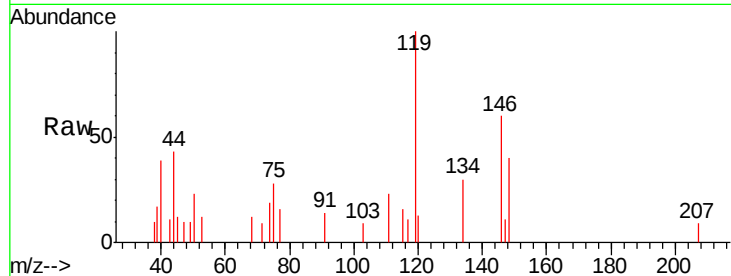
Tgt Ion:146 Resp: 1492

Ion Ratio Lower Upper

146 100

111 35.5 21.9 65.8

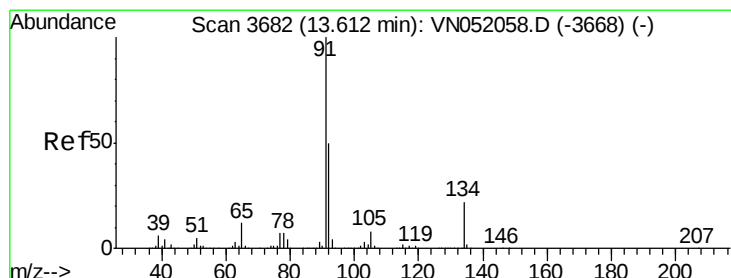
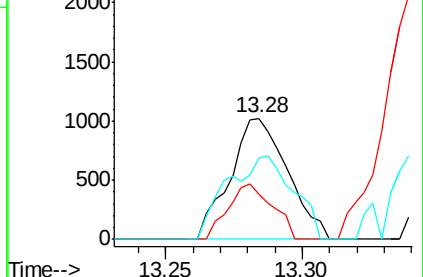
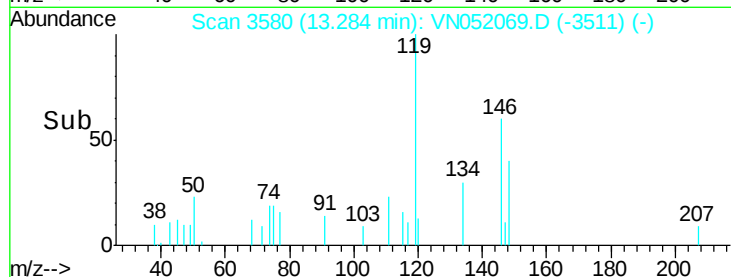
148 79.1 32.6 98.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.22 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

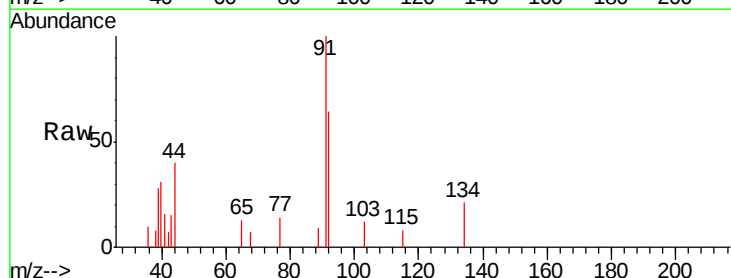
Tgt Ion: 91 Resp: 3021

Ion Ratio Lower Upper

91 100

92 58.5 25.3 75.8

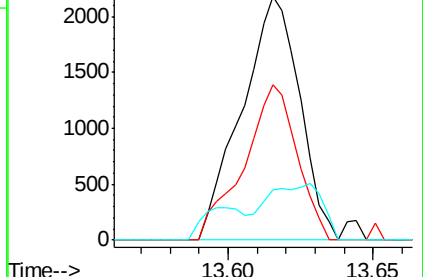
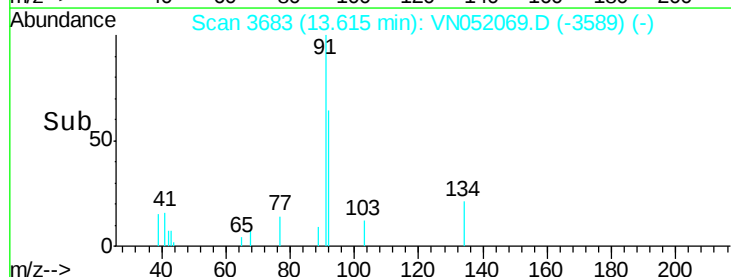
134 22.6 11.2 33.5

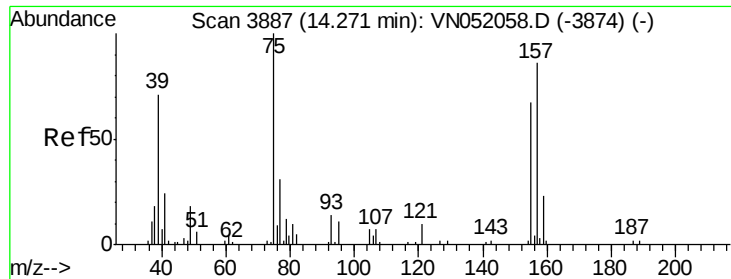


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.09 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

Instrument :

MSVOA_N

ClientSampled :

PB114328TB

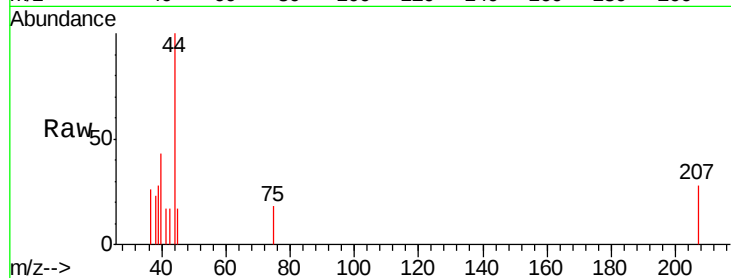
Tgt Ion: 75 Resp: 105

Ion Ratio Lower Upper

75 100

155 0.0 34.0 102.0#

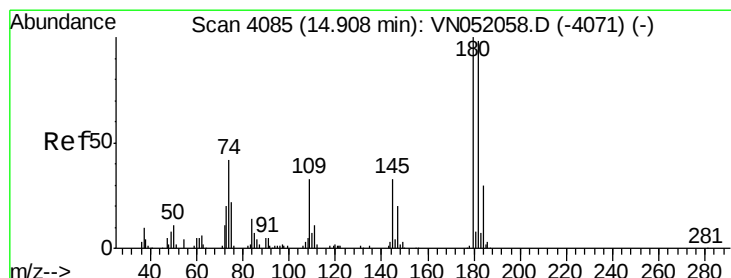
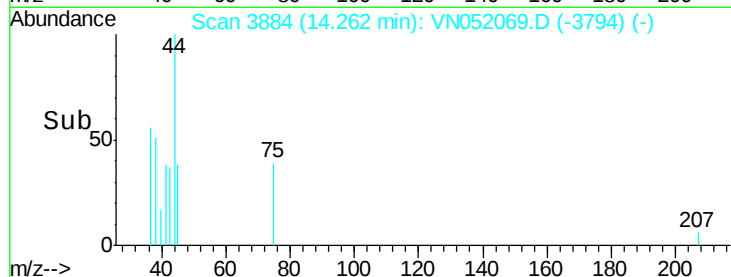
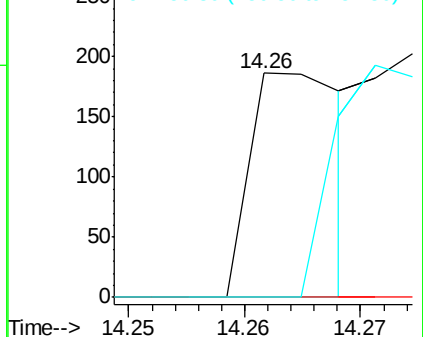
157 97.1 42.1 126.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 1.02 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

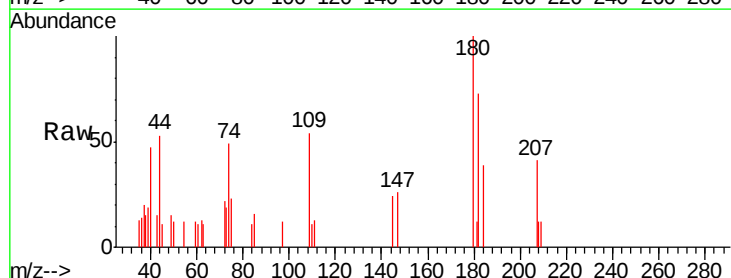
Tgt Ion: 180 Resp: 2418

Ion Ratio Lower Upper

180 100

182 85.1 49.1 147.4

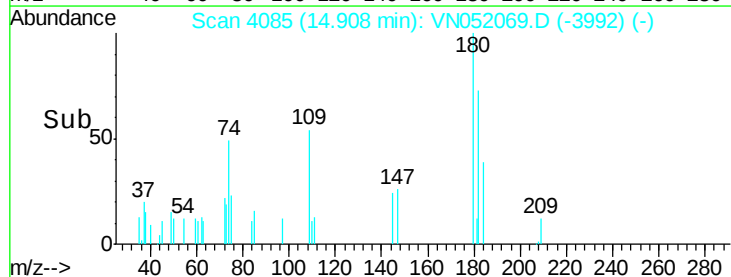
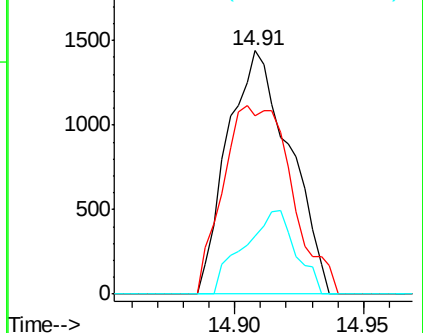
145 28.7 16.4 49.2

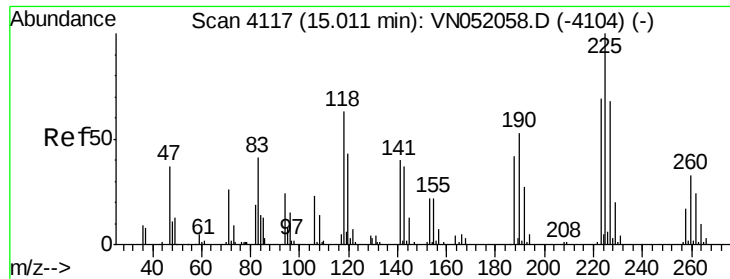


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.73 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

Instrument :

MSVOA_N

ClientSampled :

PB114328TB

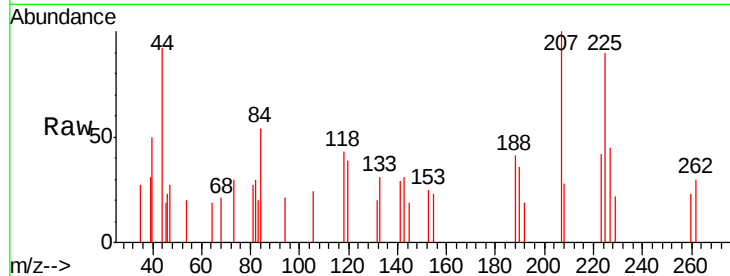
Tgt Ion:225 Resp: 968

Ion Ratio Lower Upper

225 100

223 55.5 33.1 99.3

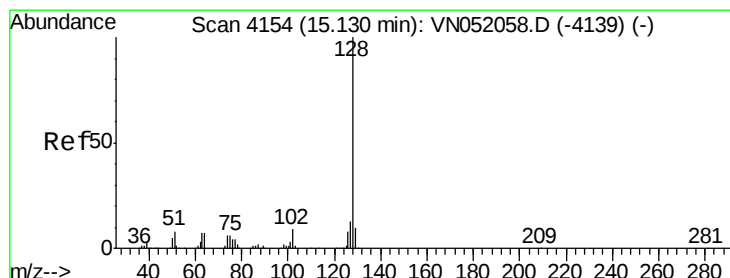
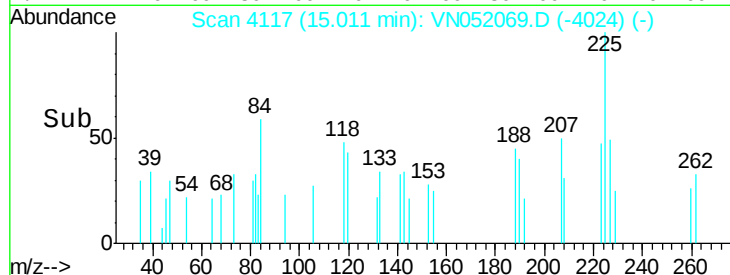
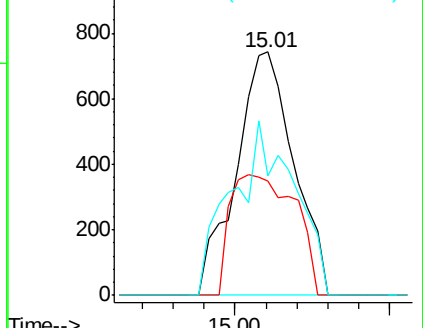
227 77.2 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.05 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN052069.D

Acq: 31 Oct 2018 13:11

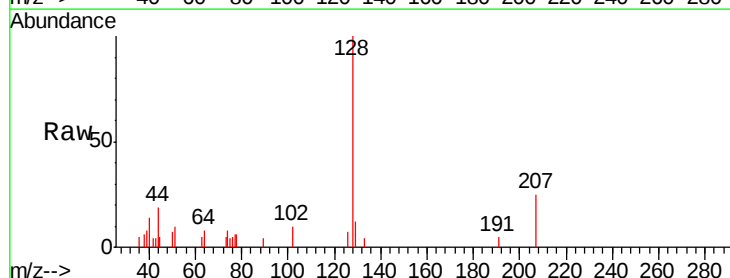
Tgt Ion:128 Resp: 6268

Ion Ratio Lower Upper

128 100

127 5.7 10.5 15.7#

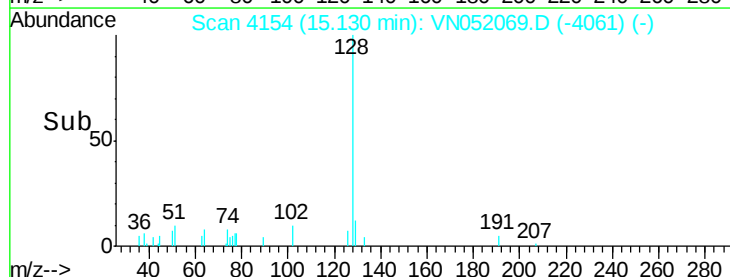
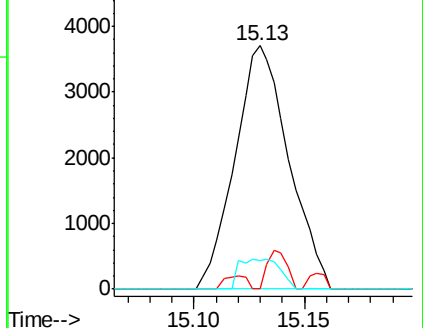
129 9.3 8.6 12.8

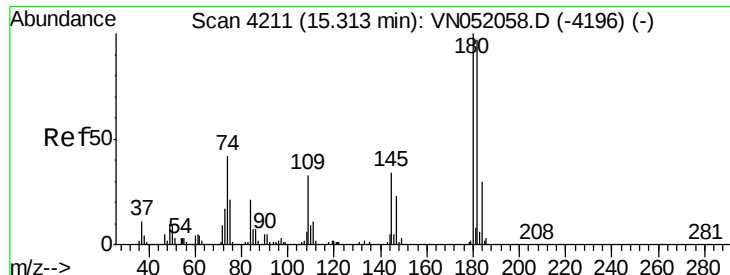


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

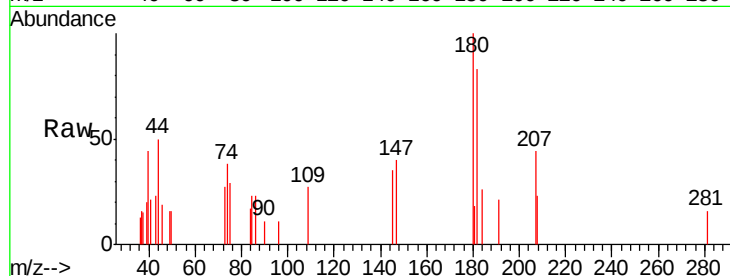




#96
 1,2,3-Trichlorobenzene
 Concen: 1.22 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN052069.D
 Acq: 31 Oct 2018 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	72.9	47.2	141.6
145	21.8	16.6	49.7



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

