

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059138.D
 Acq On : 8 Nov 2019 16:59
 Operator : JC/SP
 Sample : K5742-09
 Misc : 9.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-37-(8-10)

Quant Time: Nov 11 00:57:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	526737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	815867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	714358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	271377	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	330853	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
35) Dibromofluoromethane	7.57	113	255193	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	
50) Toluene-d8	10.08	98	1021661	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.40	95	332988	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

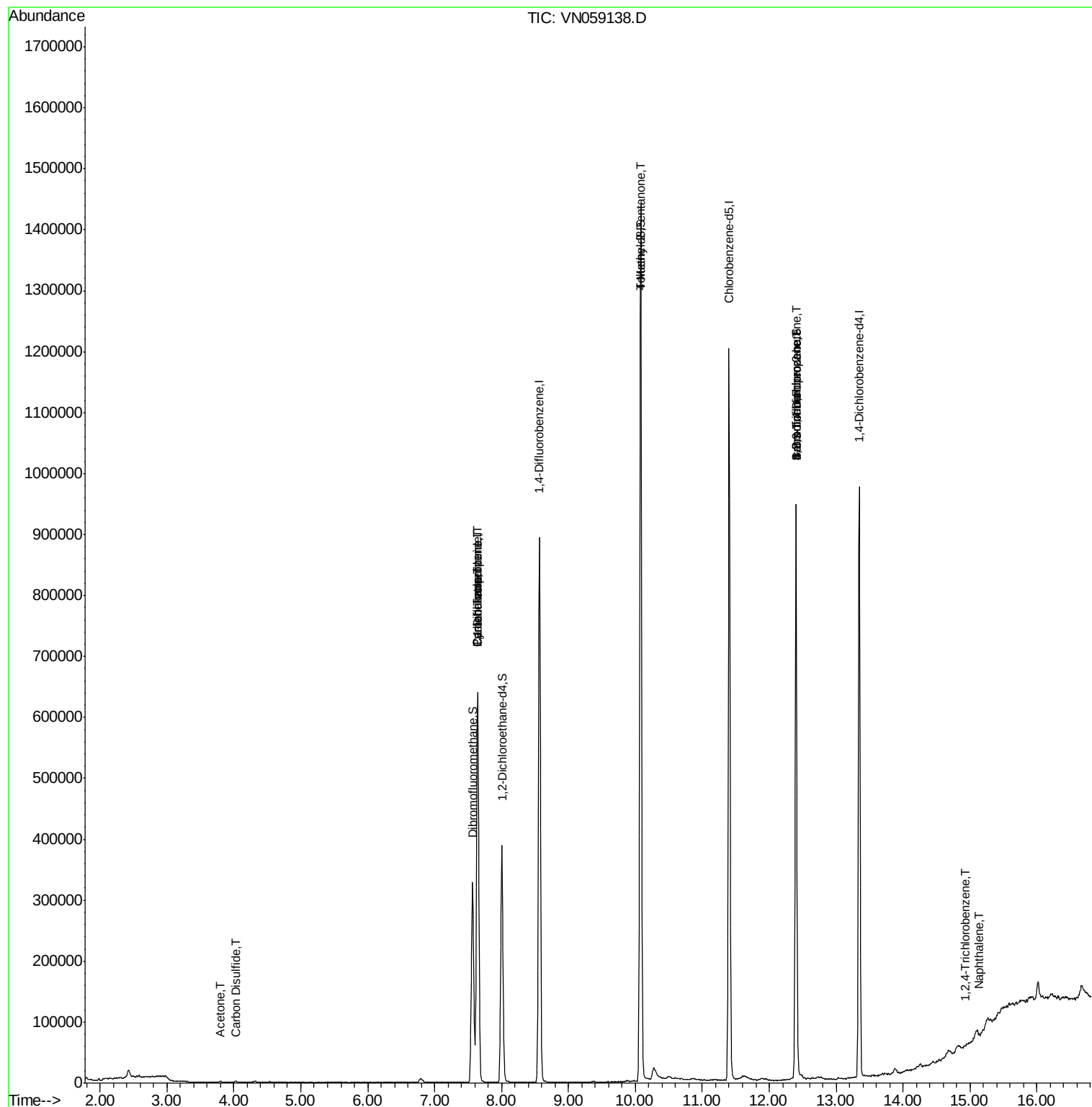
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	988	0.293	ug/l	99
17) Carbon Disulfide	4.03	76	3054	0.200	ug/l #	75
31) Cyclohexane	7.65	56	10172	1.009	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	40707	5.338	ug/l #	44
38) Carbon Tetrachloride	7.64	117	51041	6.725	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	4451	0.582	ug/l #	1
71) Bromoform	12.40	173	1951	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	165872	26.847	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	165872	70.911	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.92	180	222	3.087	ug/l	90
95) Naphthalene	15.14	128	2896	3.238	ug/l #	81

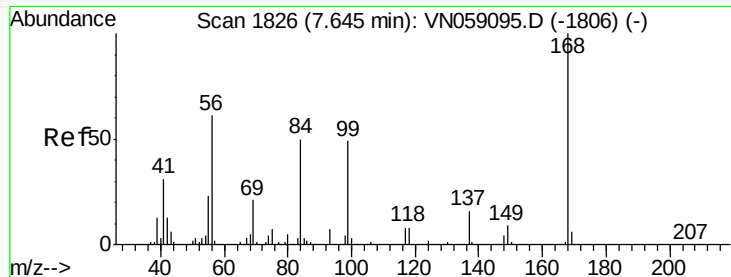
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059138.D

Acq: 8 Nov 2019 16:59

Instrument :

MSVOA_N

ClientSampled :

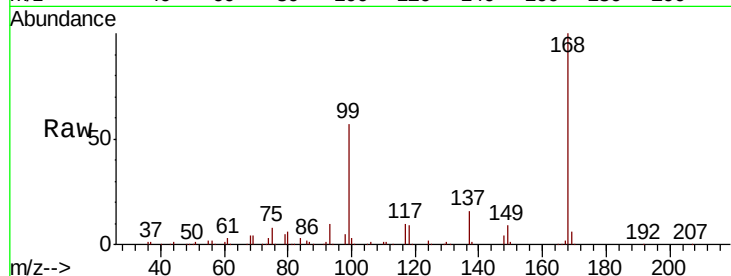
SB-37-(8-10)

Tot Ion:168 Resp: 526737

Ion Ratio Lower Upper

168 100

99 56.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059138.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059138.D (-1733) (-)

7.64

250000

200000

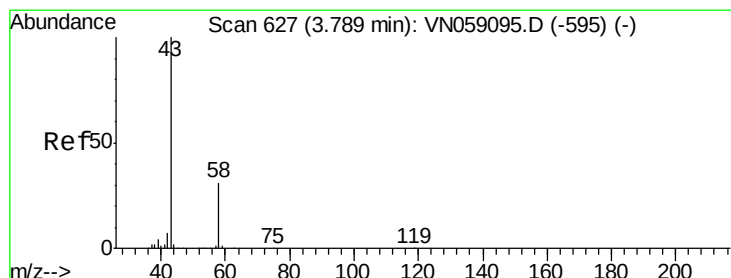
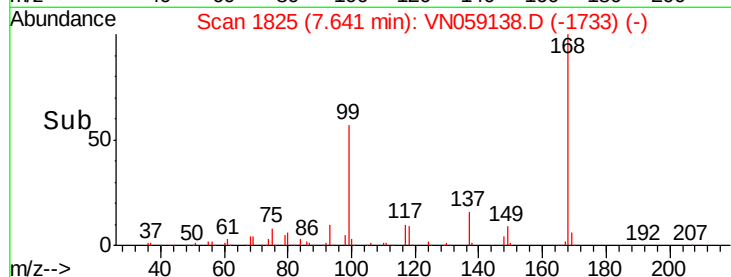
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.293 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059138.D

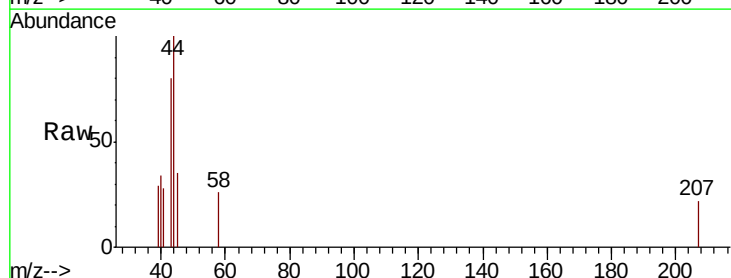
Acq: 8 Nov 2019 16:59

Tgt Ion: 43 Resp: 988

Ion Ratio Lower Upper

43 100

58 31.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059138.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059138.D (-534) (-)

3.79

800

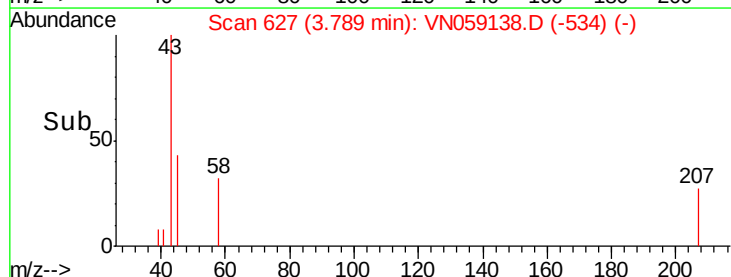
600

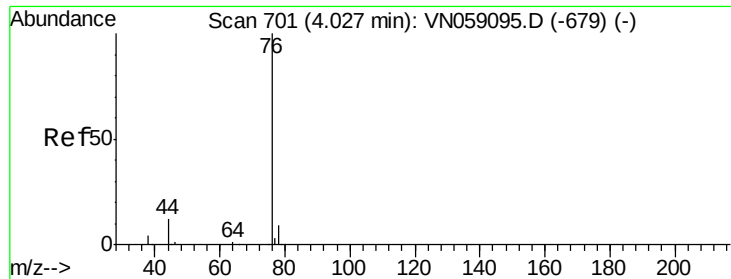
400

200

0

Time-->





#17

Carbon Disulfide

Concen: 0.200 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059138.D

Acq: 8 Nov 2019 16:59

Instrument :

MSVOA_N

ClientSampled :

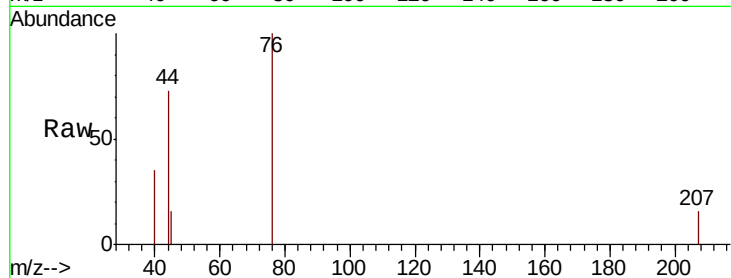
SB-37-(8-10)

Tot Ion: 76 Resp: 3054

Ion Ratio Lower Upper

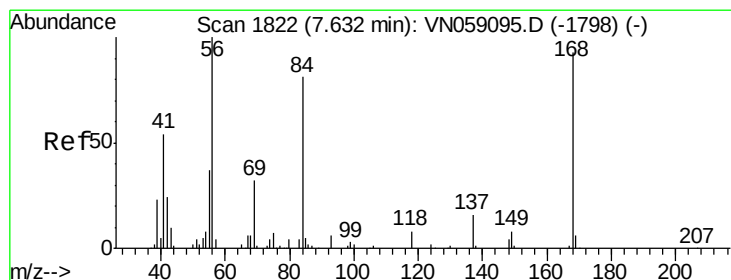
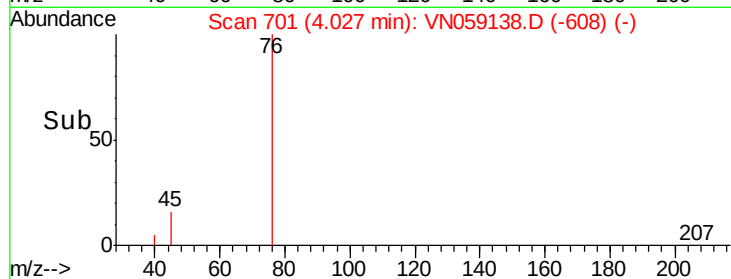
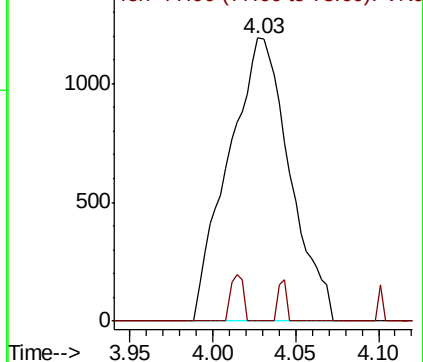
76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#31

Cyclohexane

Concen: 1.009 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.02 min

Lab File: VN059138.D

Acq: 8 Nov 2019 16:59

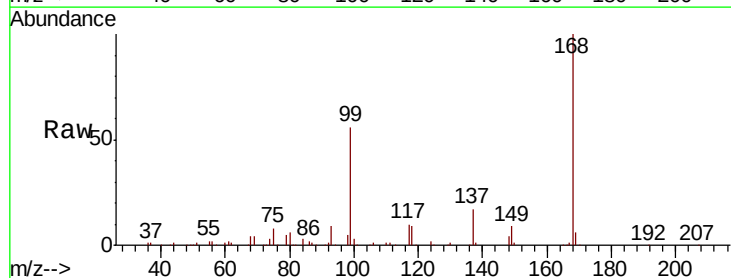
Tgt Ion: 56 Resp: 10172

Ion Ratio Lower Upper

56 100

69 173.1 25.8 38.8#

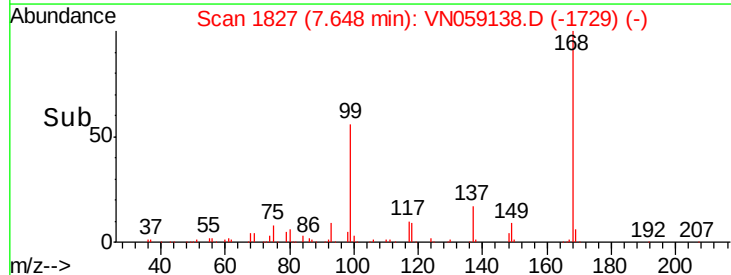
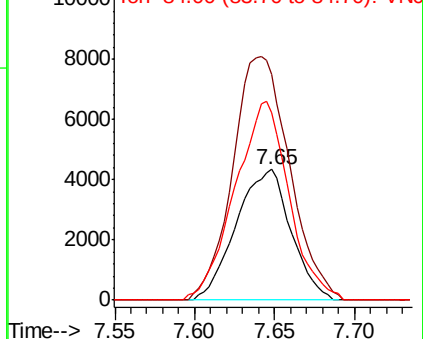
84 139.7 65.0 97.4#

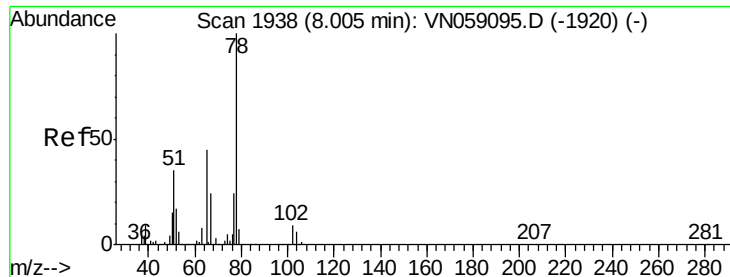


Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC

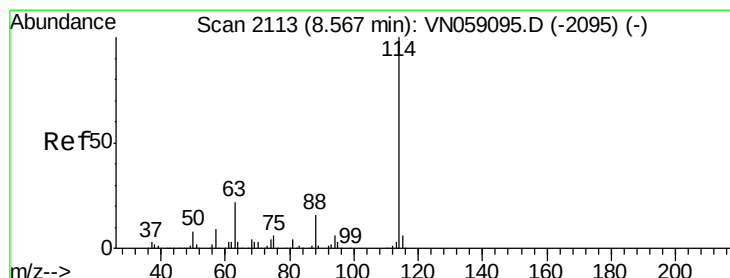
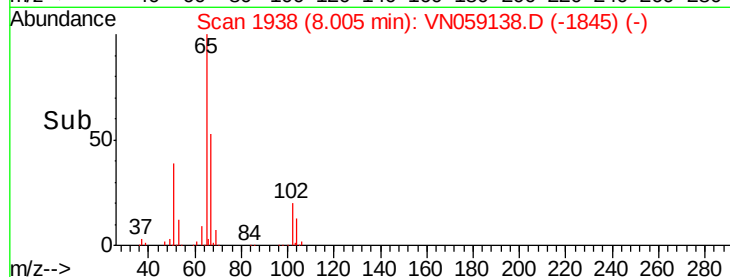
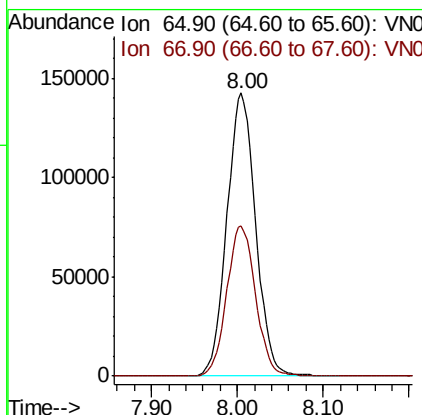
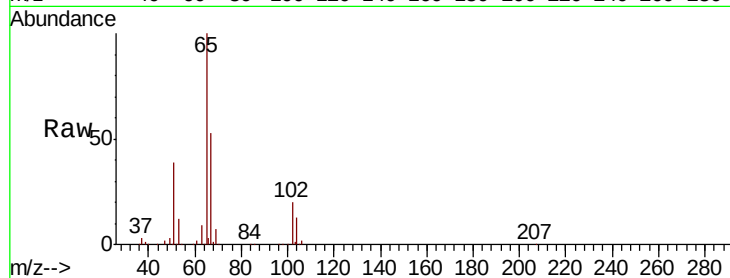




#33
 1,2-Dichloroethane-d4
 Concen: 51.097 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059138.D
 Acq: 8 Nov 2019 16:59

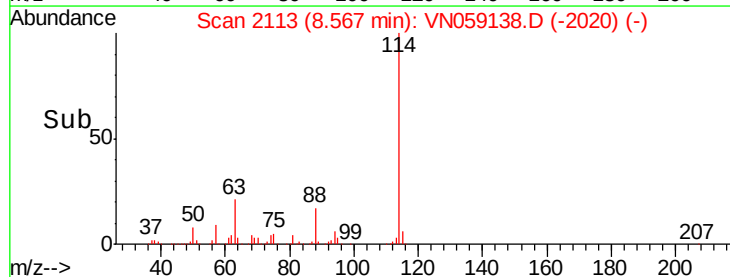
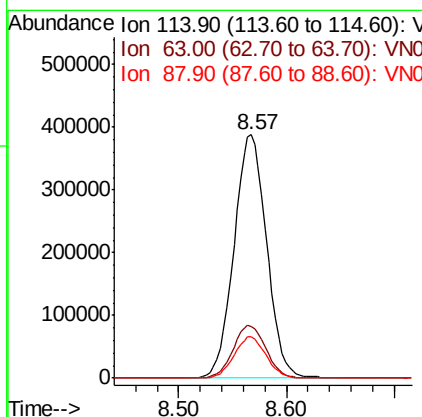
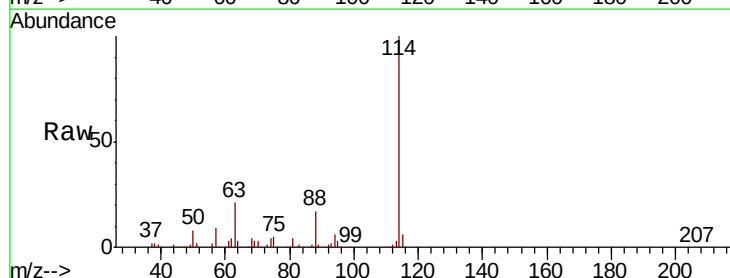
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-37-(8-10)

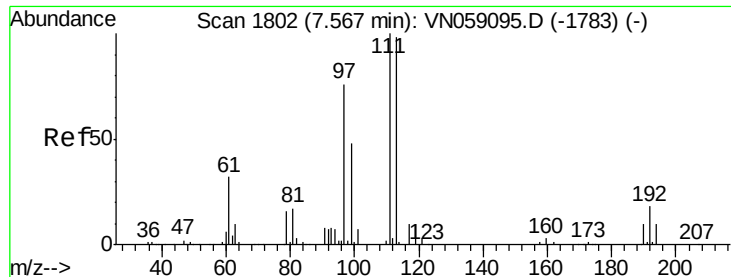
Tot Ion: 65 Resp: 330853
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059138.D
 Acq: 8 Nov 2019 16:59

Tgt Ion: 114 Resp: 815867
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.4
 88 16.8 0.0 32.2

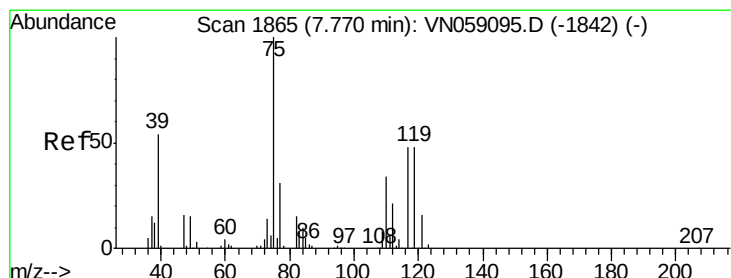
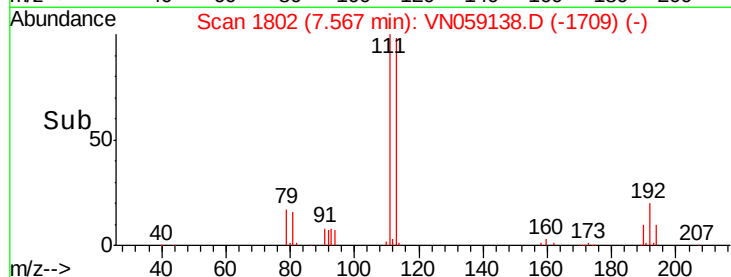
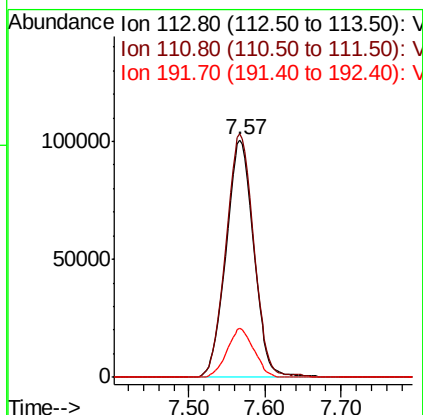
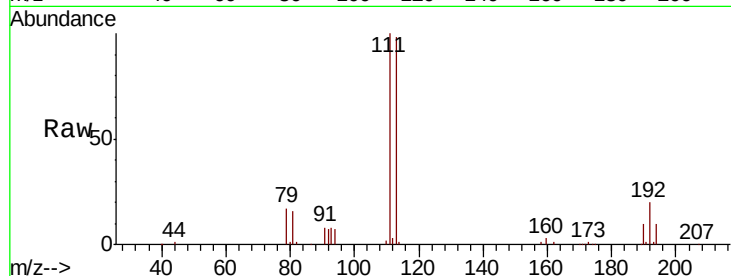




#35
Dibromofluoromethane
Concen: 52.385 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059138.D
Acq: 8 Nov 2019 16:59

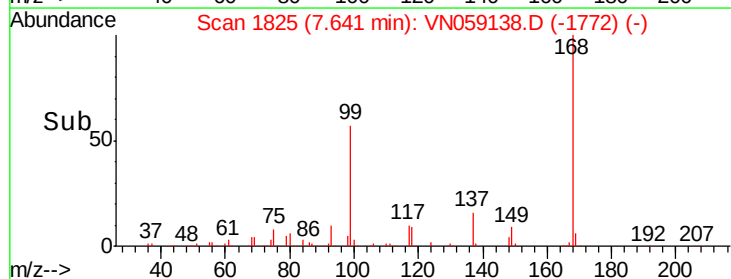
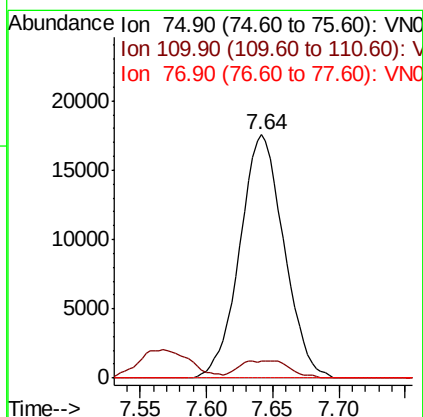
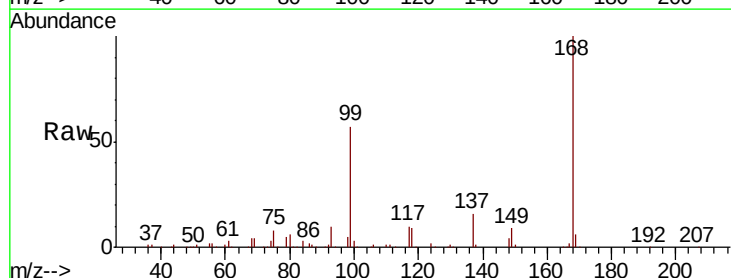
Instrument :
MSVOA_N
ClientSampled :
SB-37-(8-10)

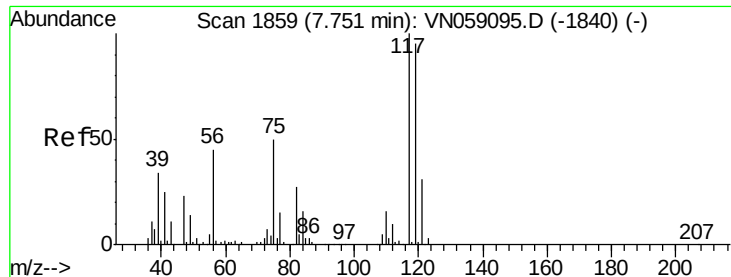
Tot Ion:113 Resp: 255193
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 20.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.338 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059138.D
Acq: 8 Nov 2019 16:59

Tgt Ion: 75 Resp: 40707
Ion Ratio Lower Upper
75 100
110 2.4 17.1 51.2#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.725 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059138.D

Acq: 8 Nov 2019 16:59

Instrument :

MSVOA_N

ClientSampleId :

SB-37-(8-10)

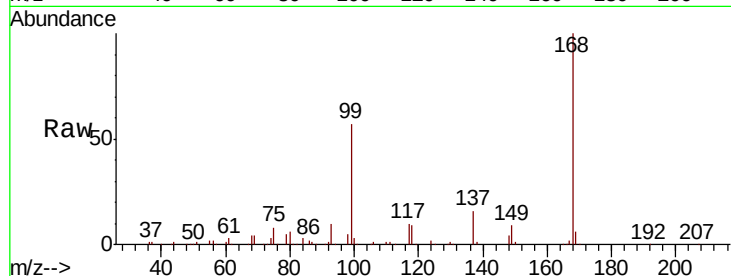
Tot Ion:117 Resp: 51041

Ion Ratio Lower Upper

117 100

119 4.5 75.6 113.4#

121 0.0 24.6 36.8#

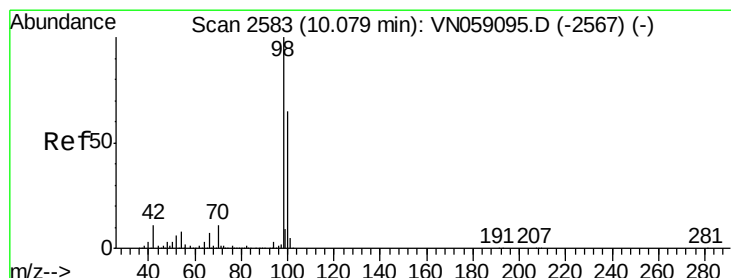
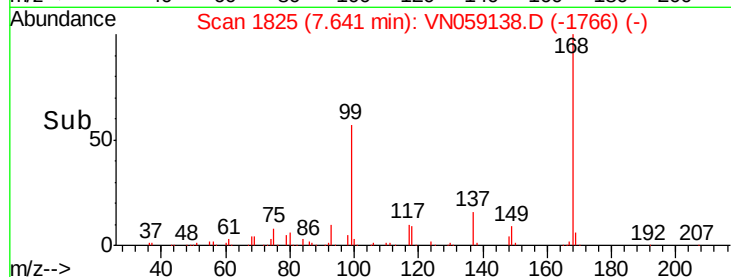
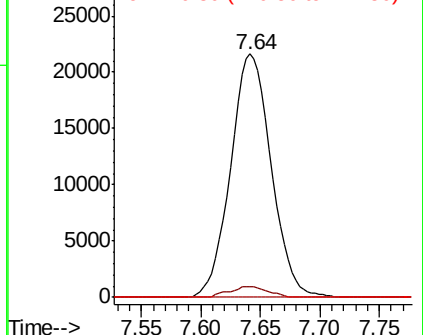


Abundance

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



#50

Toluene-d8

Concen: 53.243 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059138.D

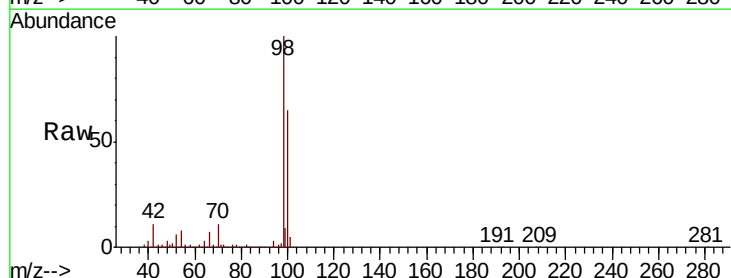
Acq: 8 Nov 2019 16:59

Tgt Ion: 98 Resp: 1021661

Ion Ratio Lower Upper

98 100

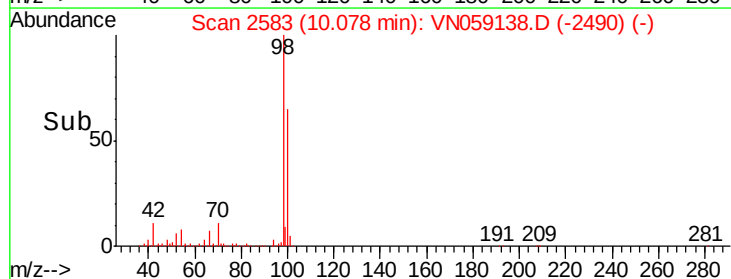
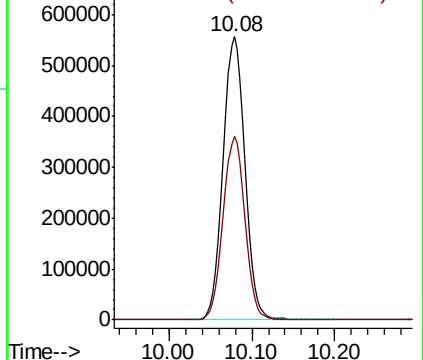
100 64.7 52.2 78.2

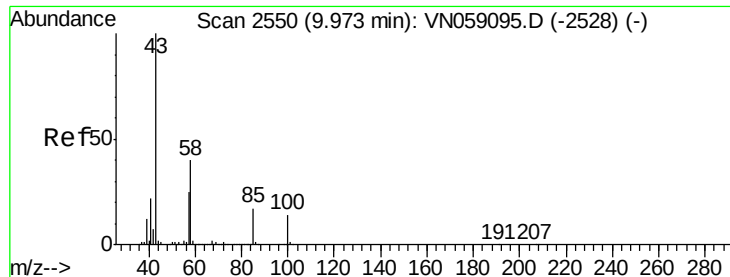


Abundance

Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.582 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.10 min

Lab File: VN059138.D

Acq: 8 Nov 2019 16:59

Instrument :

MSVOA_N

ClientSampled :

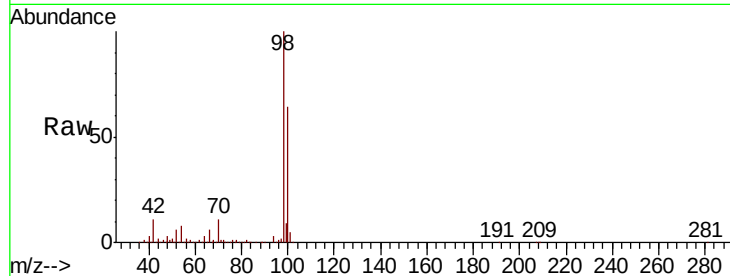
SB-37-(8-10)

Tot Ion: 43 Resp: 4451

Ion Ratio Lower Upper

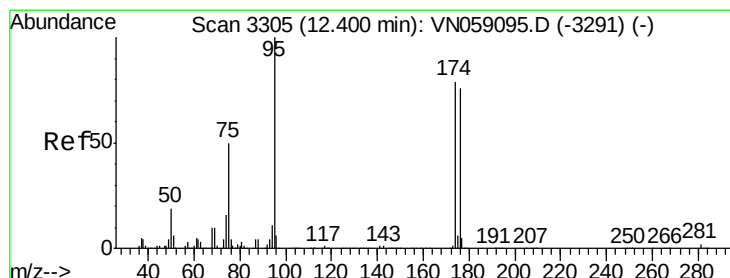
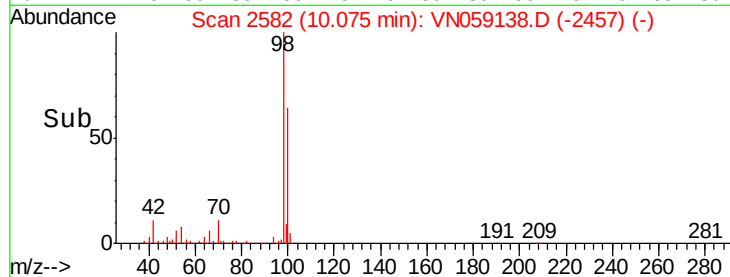
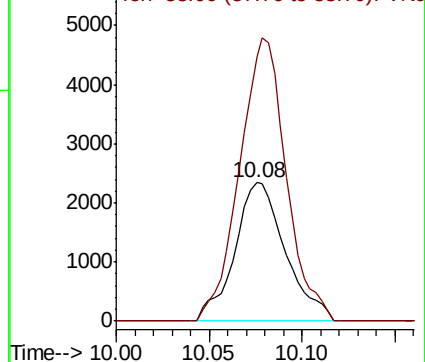
43 100

58 187.8 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 48.129 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059138.D

Acq: 8 Nov 2019 16:59

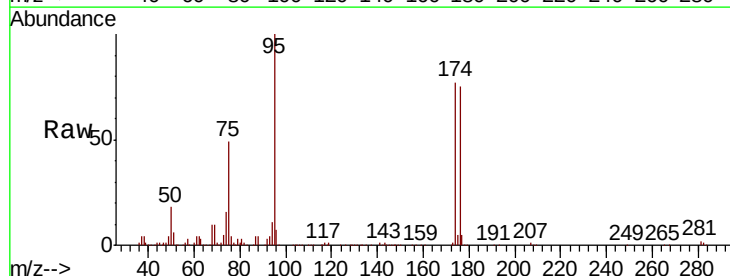
Tgt Ion: 95 Resp: 332988

Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.2

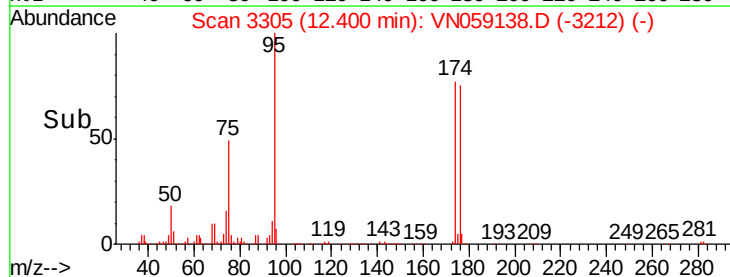
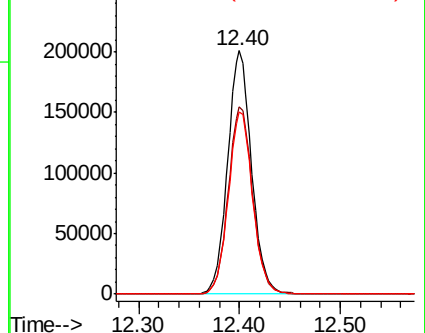
176 76.0 0.0 151.8

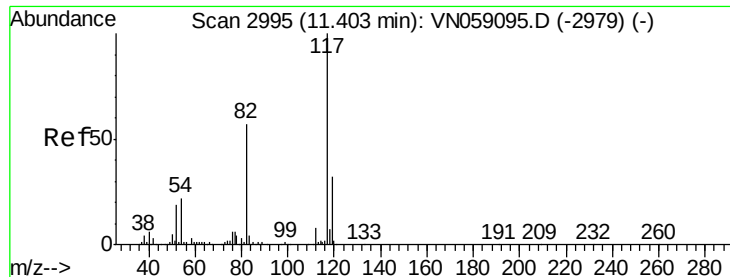


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

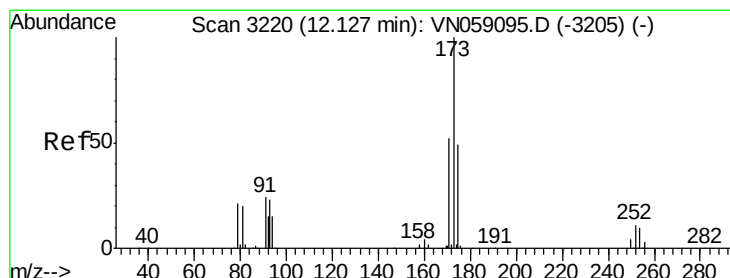
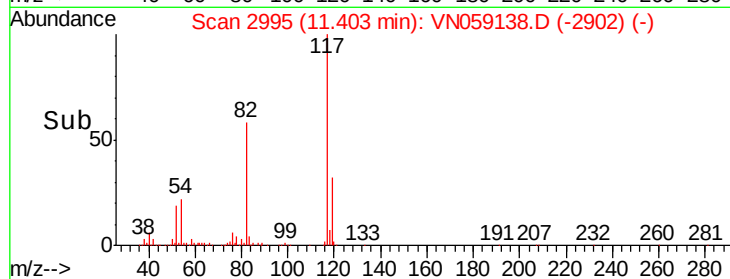
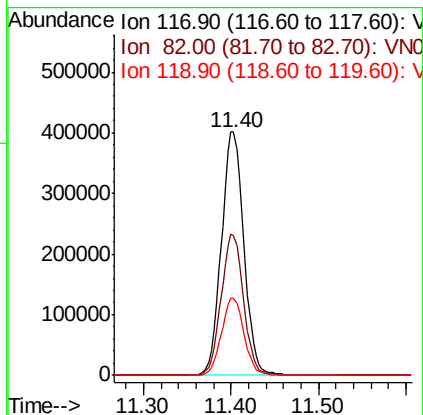
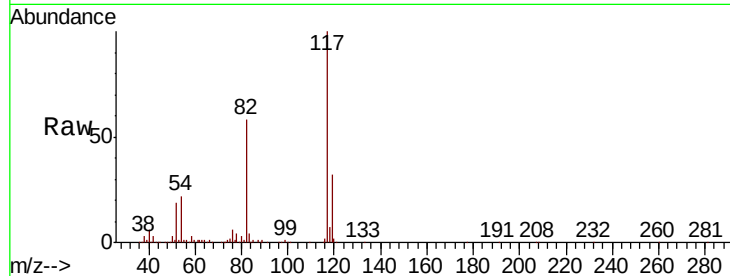




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059138.D
Acq: 8 Nov 2019 16:59

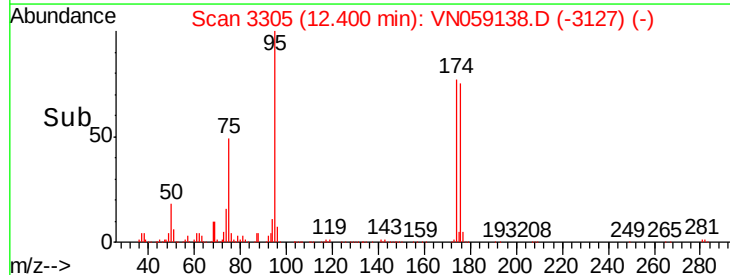
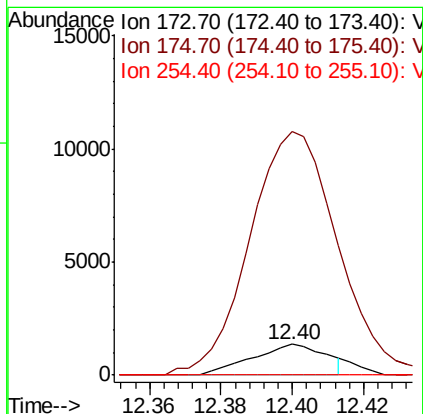
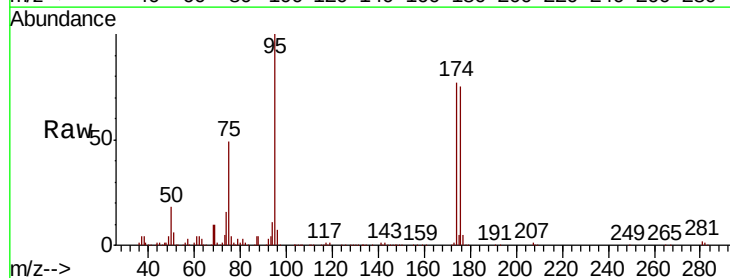
Instrument :
MSVOA_N
ClientSampled :
SB-37-(8-10)

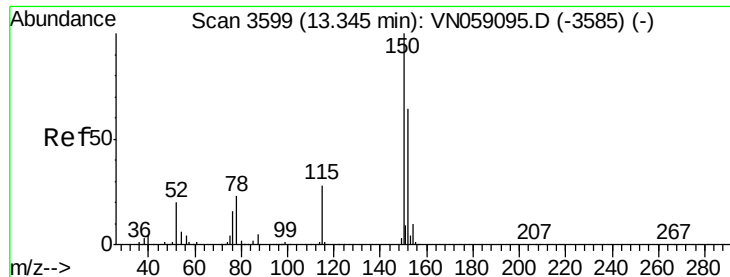
Tot Ion:117 Resp: 714358
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.8
119 31.9 25.8 38.6



#71
Bromoform
Concen: 0.480 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN059138.D
Acq: 8 Nov 2019 16:59

Tgt Ion:173 Resp: 1951
Ion Ratio Lower Upper
173 100
175 832.9 24.2 72.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059138.D

Acq: 8 Nov 2019 16:59

Instrument :

MSVOA_N

ClientSampleId :

SB-37-(8-10)

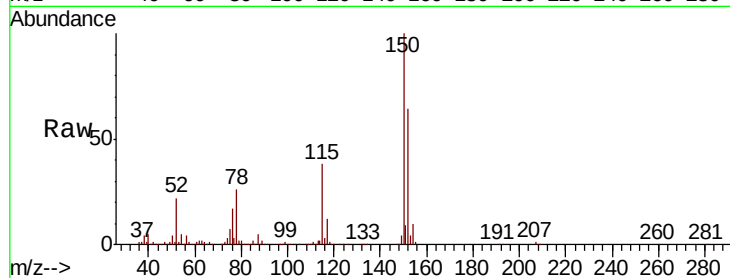
Tot Ion:152 Resp: 271377

Ion Ratio Lower Upper

152 100

115 60.0 29.4 88.2

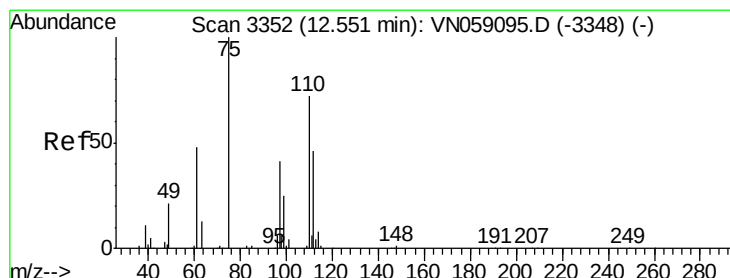
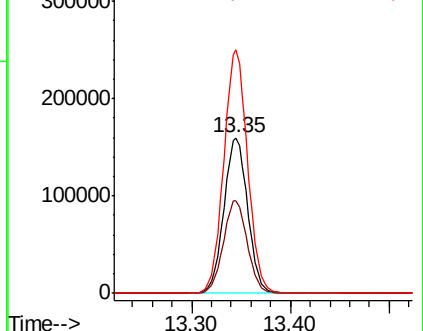
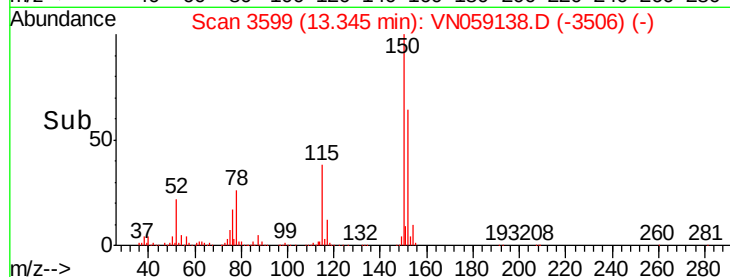
150 156.3 0.0 345.8



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: 26.847 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059138.D

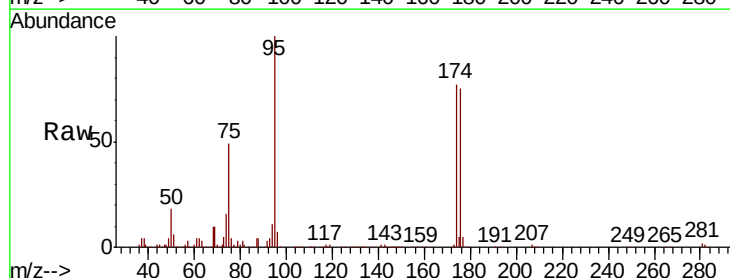
Acq: 8 Nov 2019 16:59

Tgt Ion: 75 Resp: 165872

Ion Ratio Lower Upper

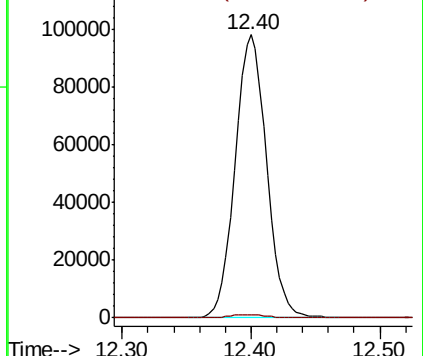
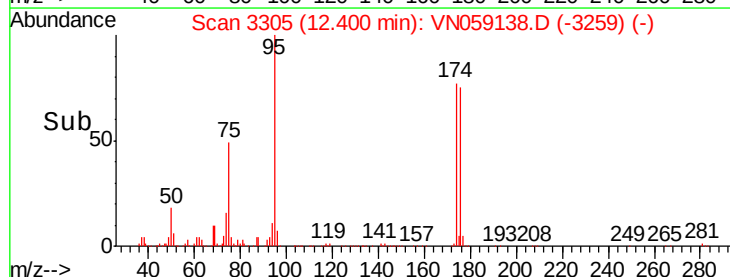
75 100

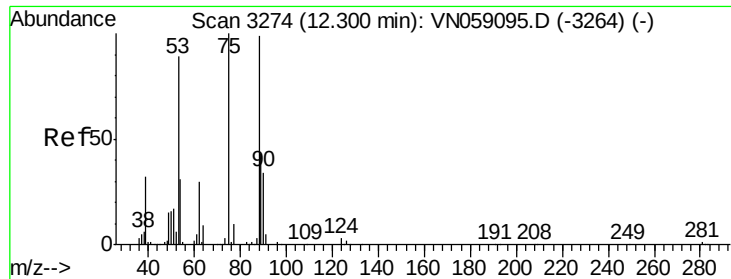
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 70.911 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059138.D

Acq: 8 Nov 2019 16:59

Instrument :

MSVOA_N

ClientSampled :

SB-37-(8-10)

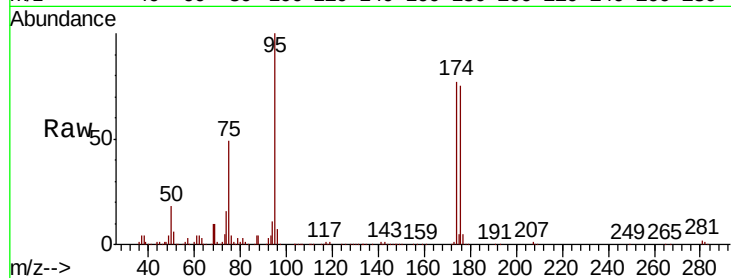
Tot Ion: 75 Resp: 165872

Ion Ratio Lower Upper

75 100

53 0.1 72.2 108.2#

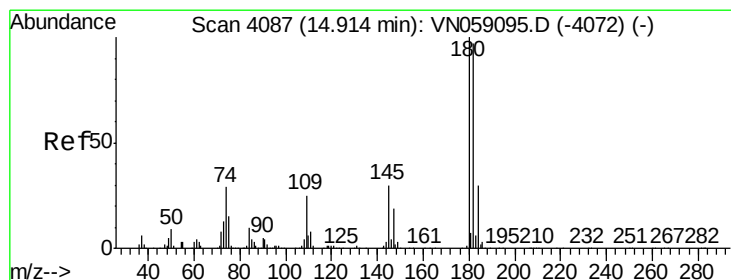
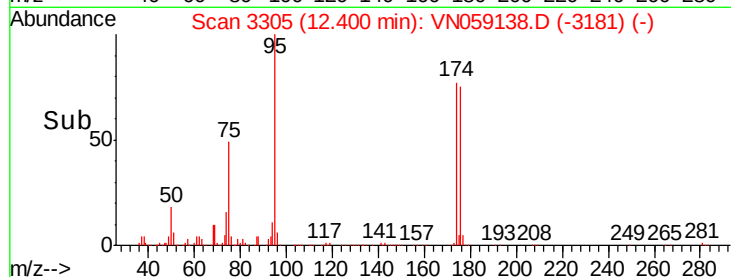
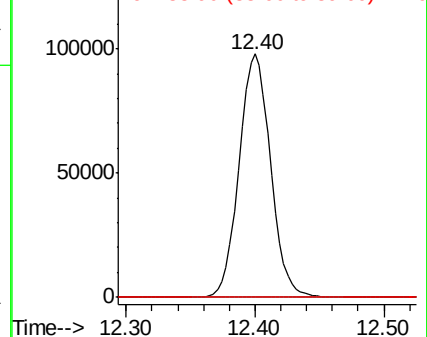
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2,4-Trichlorobenzene

Concen: 3.087 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN059138.D

Acq: 8 Nov 2019 16:59

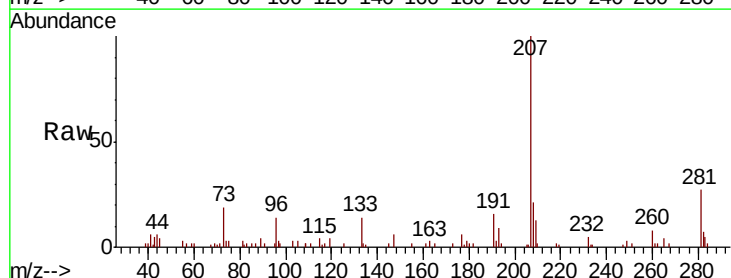
Tgt Ion:180 Resp: 222

Ion Ratio Lower Upper

180 100

182 108.1 48.1 144.3

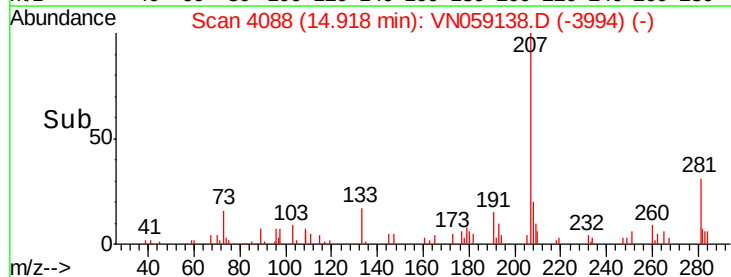
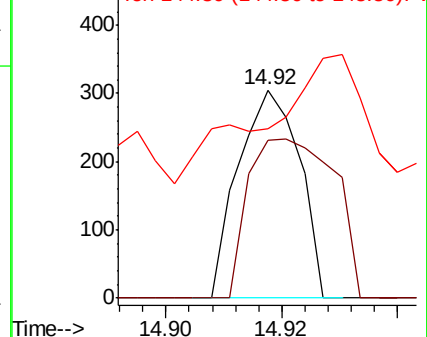
145 27.9 15.1 45.3

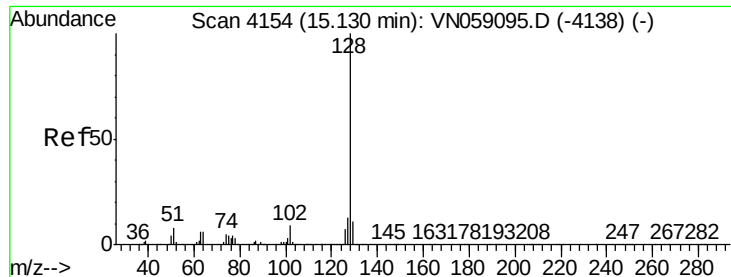


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.238 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN059138.D

Acq: 8 Nov 2019 16:59

Instrument :

MSVOA_N

ClientSampleId :

SB-37-(8-10)

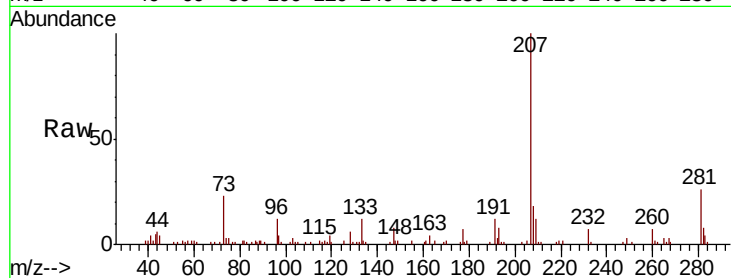
Tot Ion:128 Resp: 2896

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 9.6 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

