

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059132.D
 Acq On : 8 Nov 2019 9:47
 Operator : JC/SP
 Sample : VN1108WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBL01

Quant Time: Nov 11 00:55:28 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	494685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	772754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	655607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	232614	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	305054	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
35) Dibromofluoromethane	7.56	113	234298	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
50) Toluene-d8	10.08	98	919623	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	288377	44.01	ug/l	0.00
Spiked Amount			Recovery	=	88.02%	

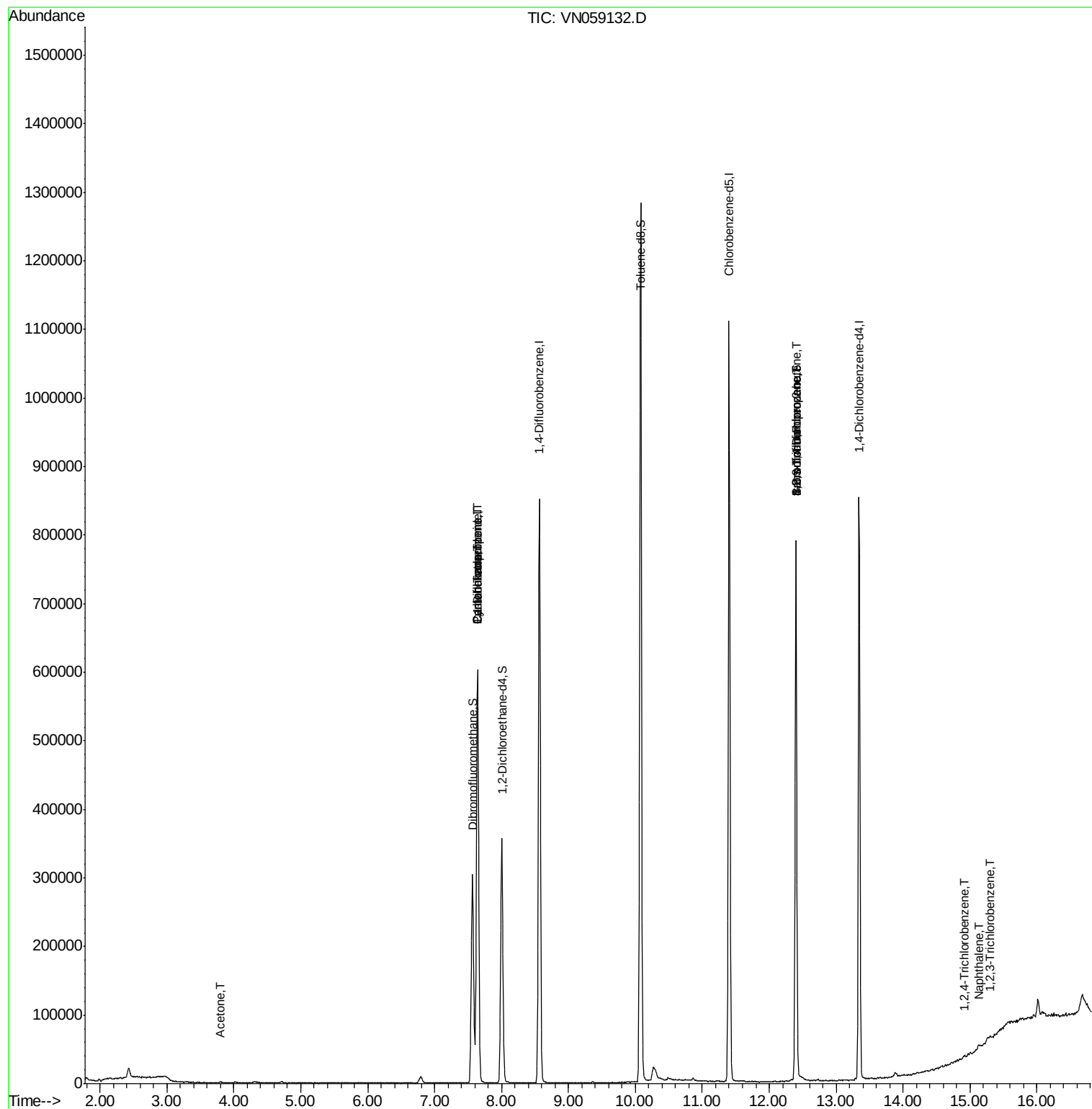
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	697	0.220	ug/l #	44
31) Cyclohexane	7.64	56	10357	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	38226	5.292	ug/l #	50
38) Carbon Tetrachloride	7.64	117	46798	6.510	ug/l #	17
71) Bromoform	12.40	173	1677	0.450	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	142271	26.865	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	142271	70.957	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	1071	3.278	ug/l	87
95) Naphthalene	15.13	128	3358	3.307	ug/l	96
96) 1,2,3-Trichlorobenzene	15.30	180	1609	0.401	ug/l	68

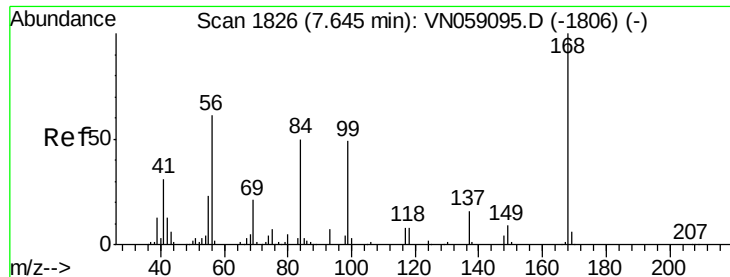
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110819\
Data File : VN059132.D
Acq On : 8 Nov 2019 9:47
Operator : JC/SP
Sample : VN1108WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

Quant Time: Nov 11 00:55:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
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: VN059132.D

Acq: 8 Nov 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

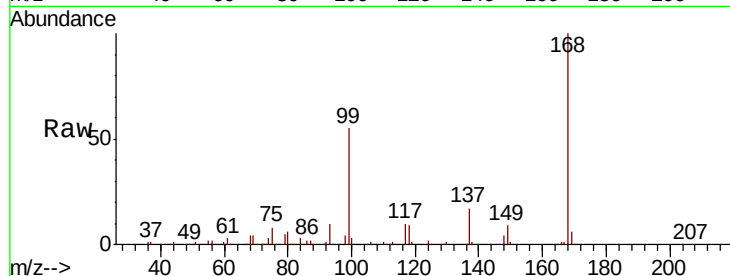
VN1108WBL01

Tot Ion:168 Resp: 494685

Ion Ratio Lower Upper

168 100

99 55.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059132.D (-1733) (-)

7.64

200000

150000

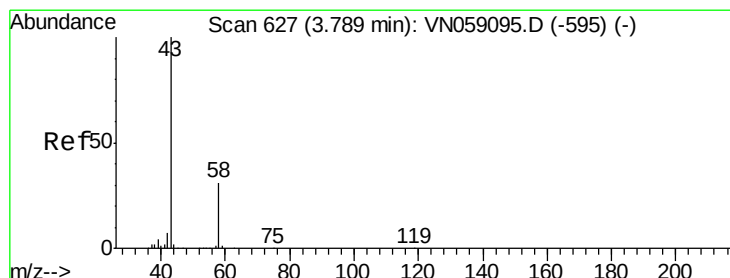
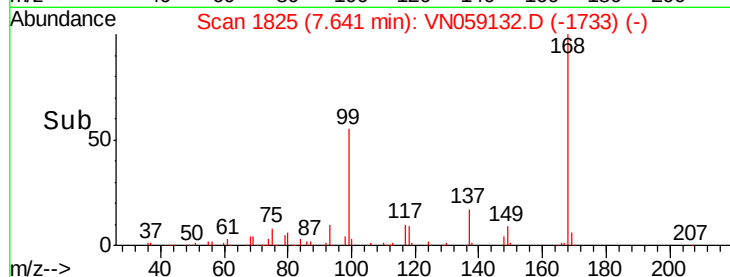
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 0.220 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059132.D

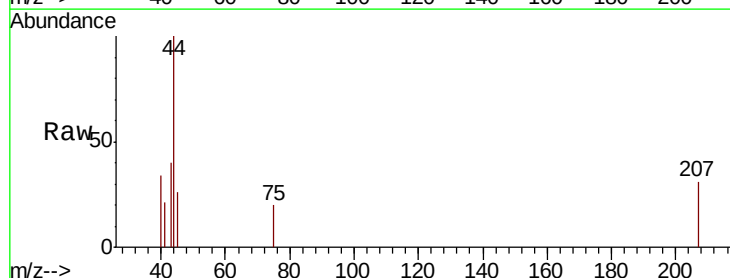
Acq: 8 Nov 2019 9:47

Tgt Ion: 43 Resp: 697

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059132.D (-534) (-)

3.79

400

300

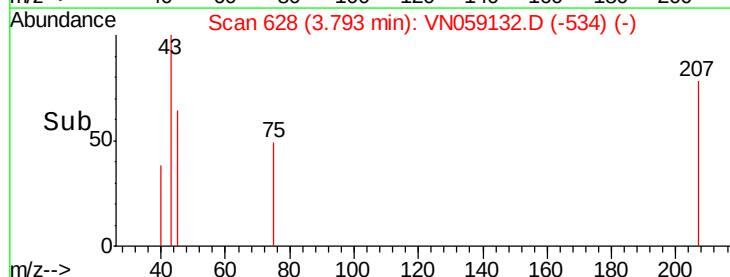
200

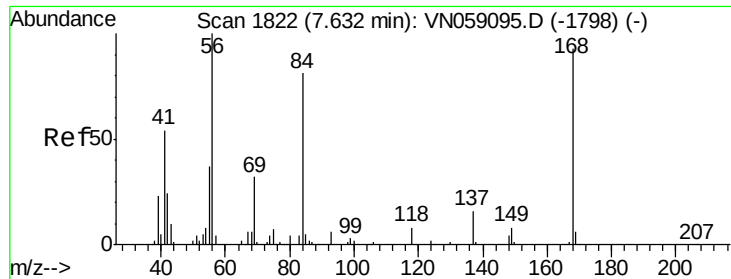
100

0

3.76 3.78 3.80 3.82

Time-->

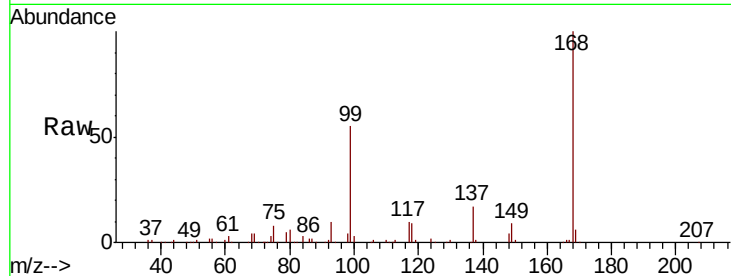




#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059132.D
Acq: 8 Nov 2019 9:47

Instrument :
MSVOA_N
ClientSampled :
VN1108WBL01

Tot Ion	56	Resp	10357
Ion Ratio	Lower	Upper	
56	100		
69	178.3	25.8	38.8#
84	133.0	65.0	97.4#

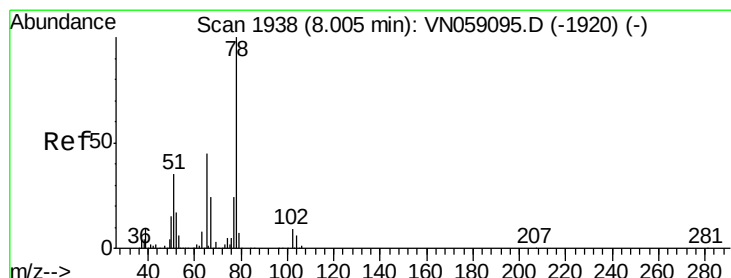
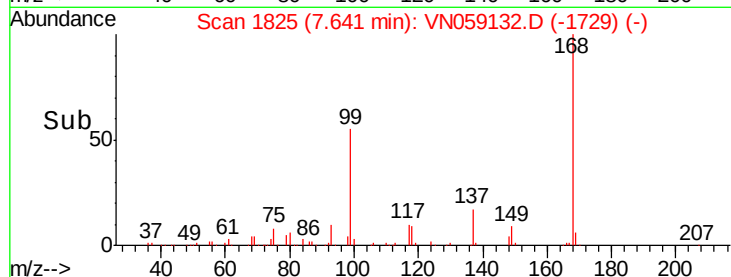
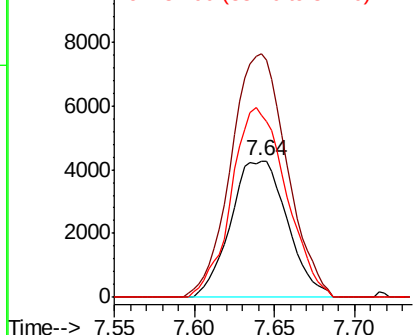


Abundance

Ion 56.00 (55.70 to 56.70): VNC

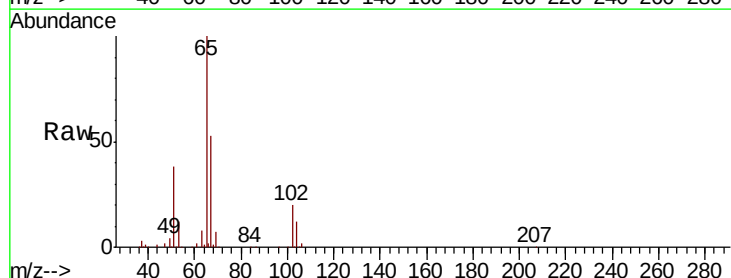
Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#33
1,2-Dichloroethane-d4
Concen: 50.165 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059132.D
Acq: 8 Nov 2019 9:47

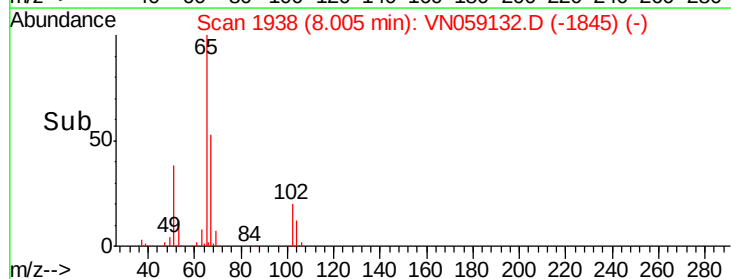
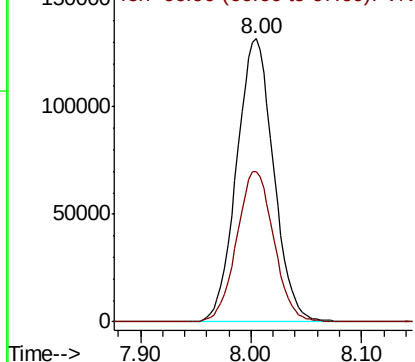
Tgt Ion	65	Resp	305054
Ion Ratio	Lower	Upper	
65	100		
67	53.6	0.0	107.4

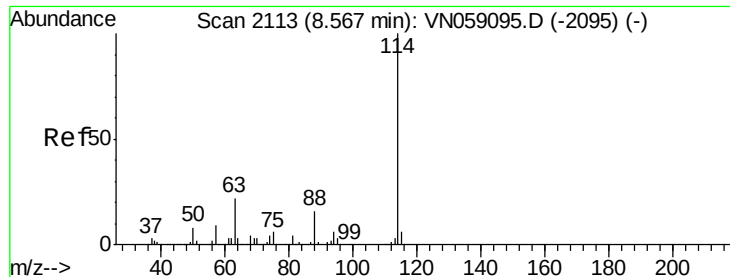


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

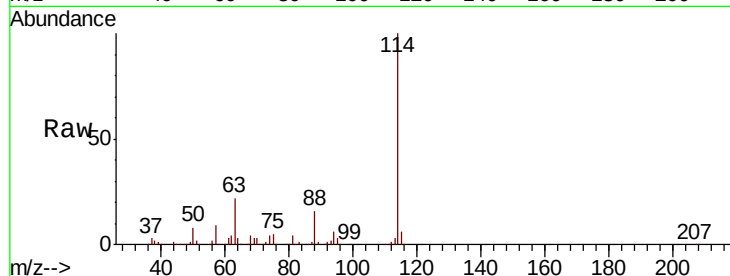




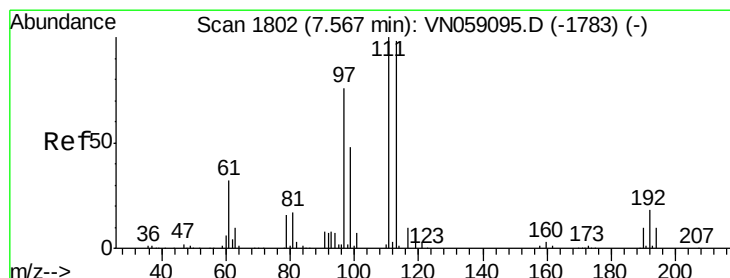
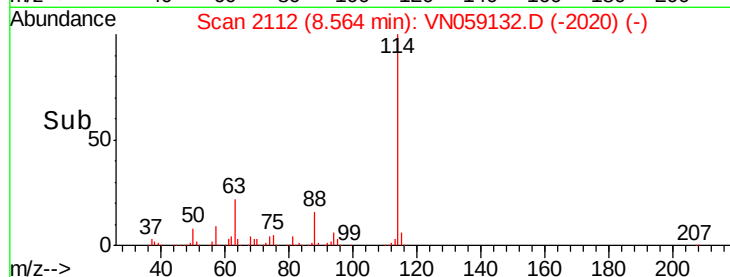
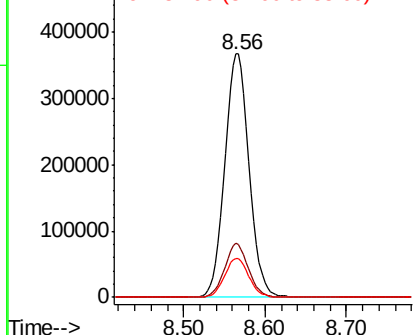
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059132.D
 Acq: 8 Nov 2019 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBL01

Tot Ion:114 Resp: 772754
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 16.2 0.0 32.2

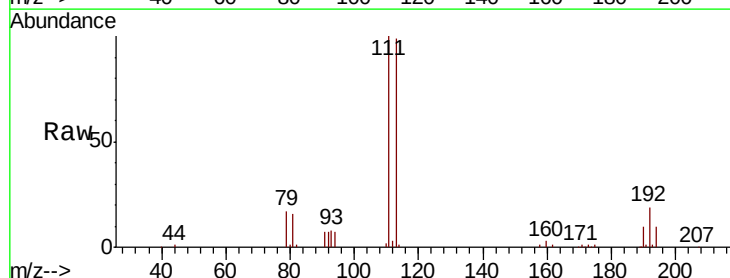


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

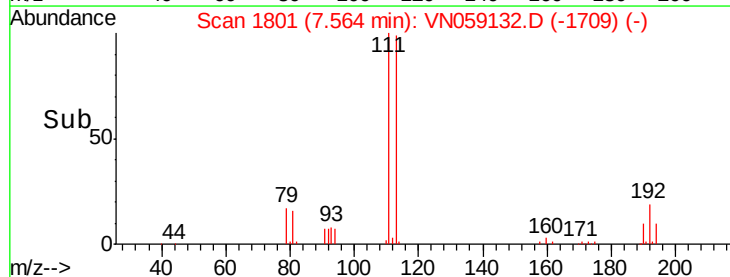
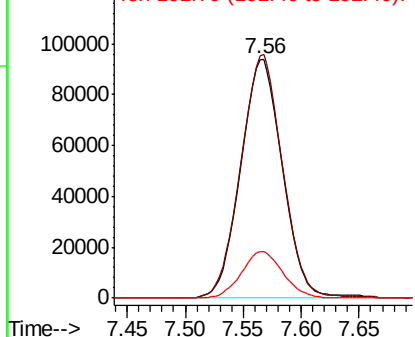


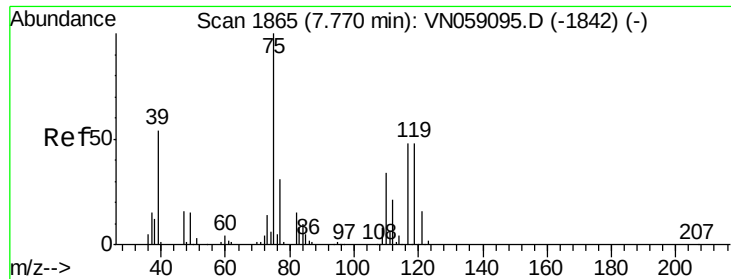
#35
 Dibromofluoromethane
 Concen: 50.779 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059132.D
 Acq: 8 Nov 2019 9:47

Tgt Ion:113 Resp: 234298
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.8 124.2
 192 19.4 16.1 24.1



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

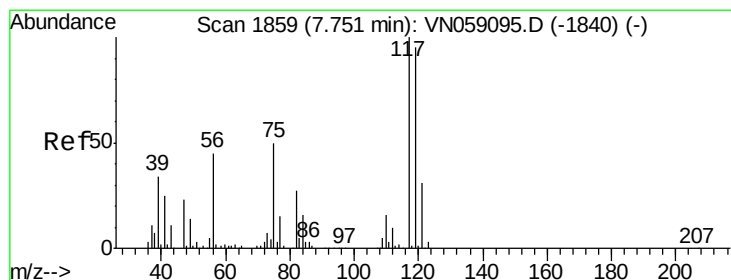
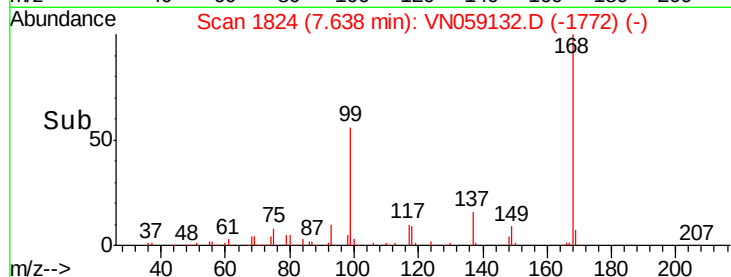
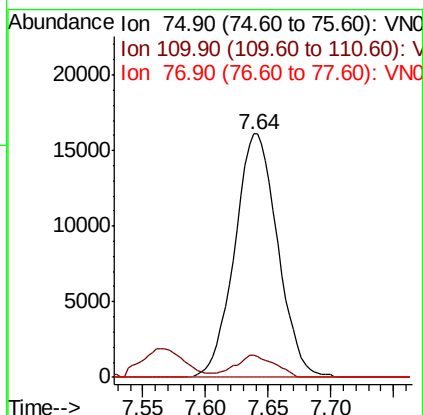
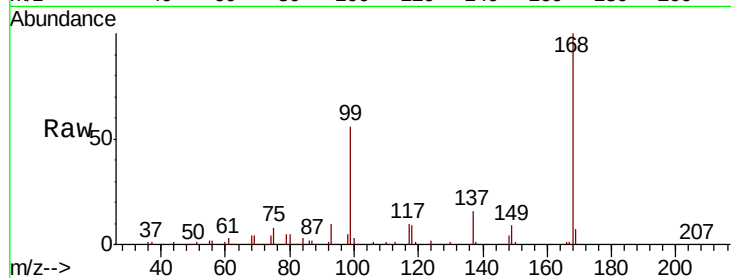




#36
 1,1-Dichloropropene
 Concen: 5.292 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN059132.D
 Acq: 8 Nov 2019 9:47

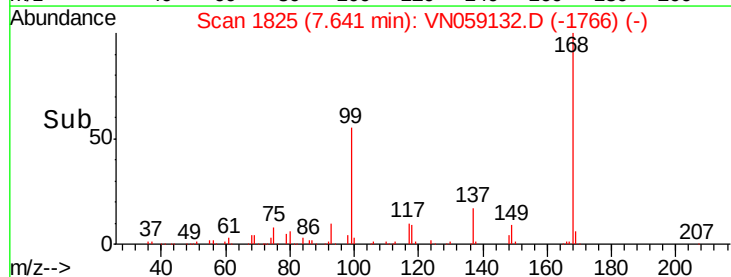
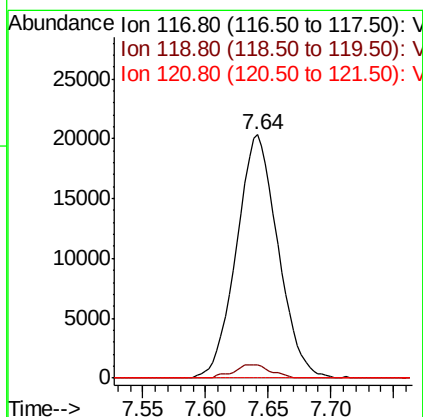
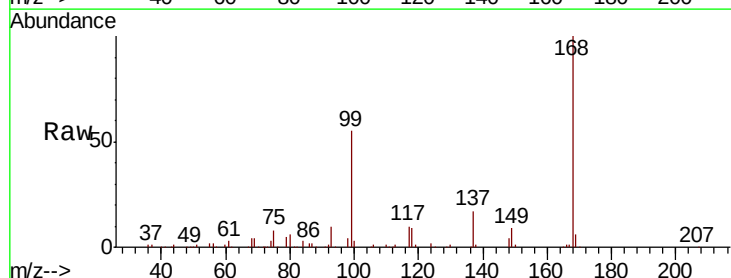
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBL01

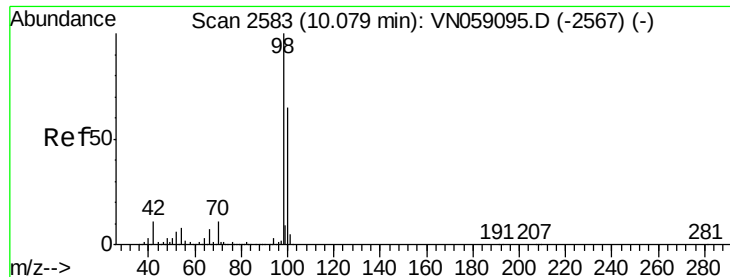
Tot Ion: 75 Resp: 38226
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.1 51.2#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.510 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN059132.D
 Acq: 8 Nov 2019 9:47

Tgt Ion: 117 Resp: 46798
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.6 113.4#
 121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 50.600 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059132.D

Acq: 8 Nov 2019 9:47

Instrument :

MSVOA_N

ClientSampled :

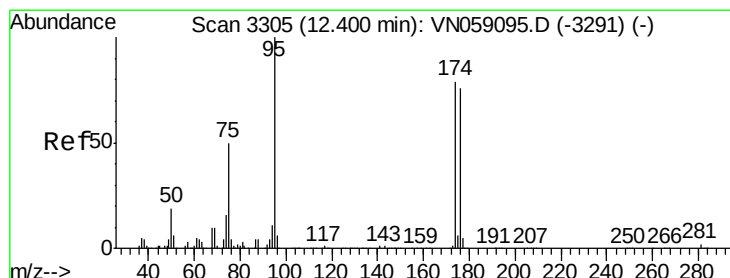
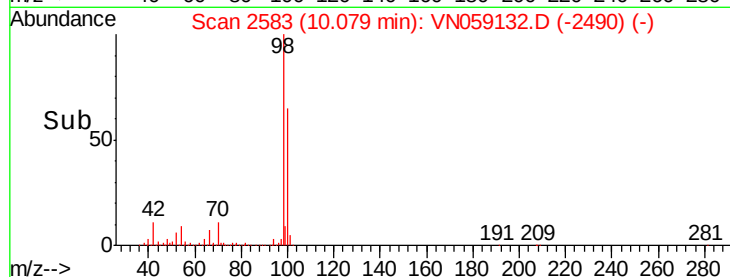
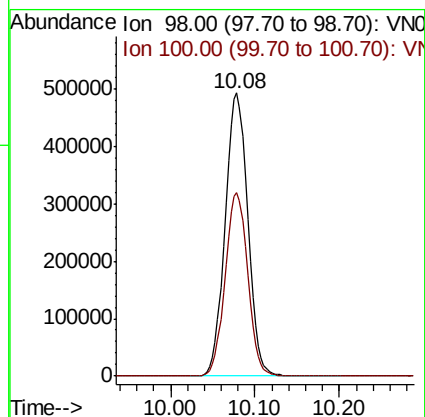
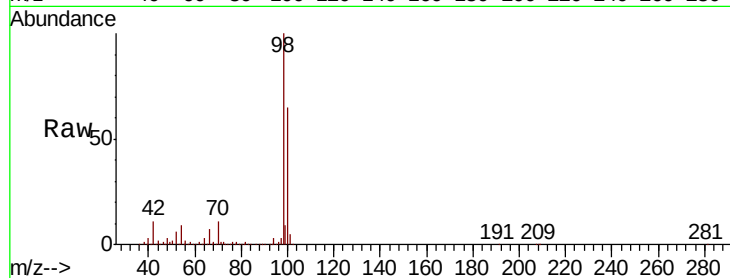
VN1108WBL01

Tot Ion: 98 Resp: 919623

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.007 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059132.D

Acq: 8 Nov 2019 9:47

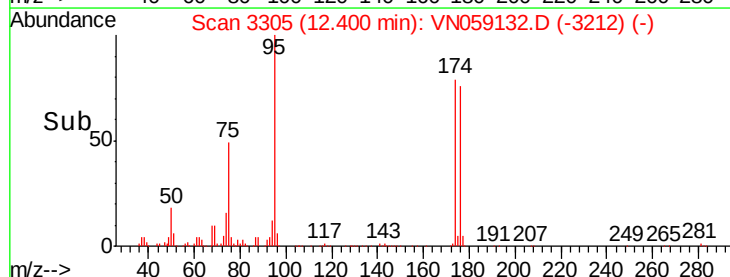
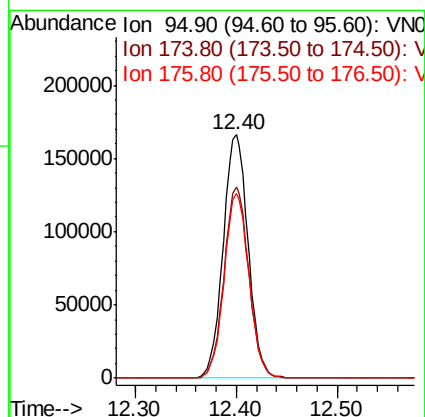
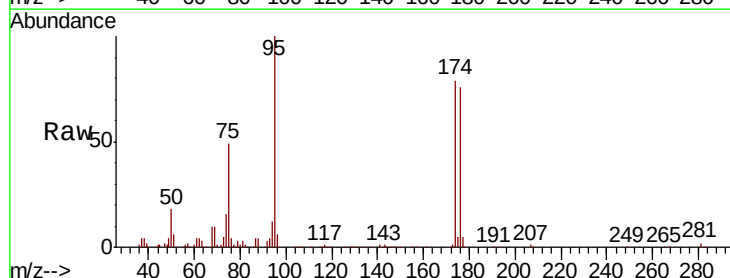
Tgt Ion: 95 Resp: 288377

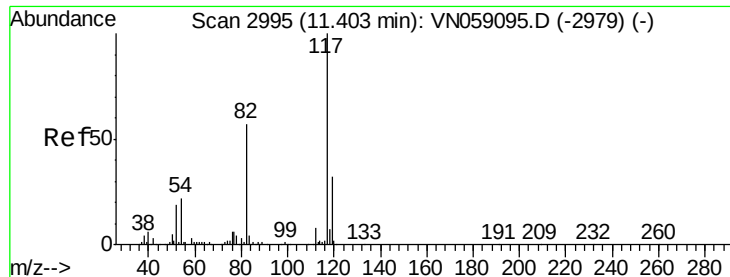
Ion Ratio Lower Upper

95 100

174 78.1 0.0 158.2

176 75.3 0.0 151.8

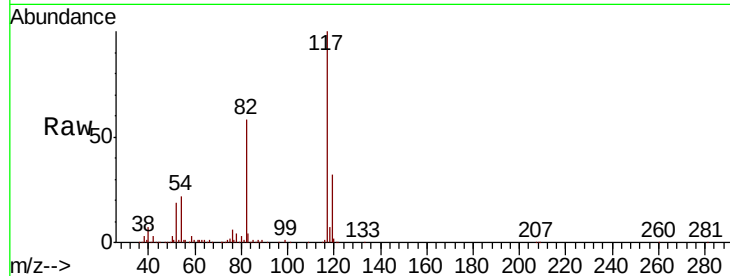




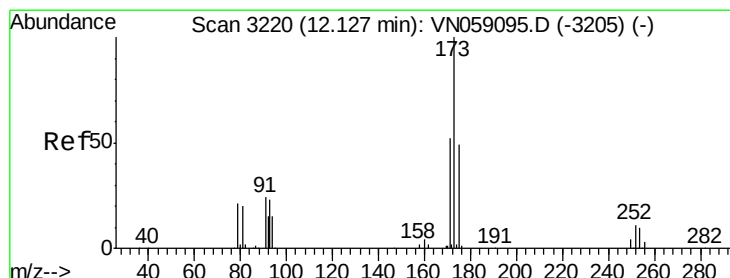
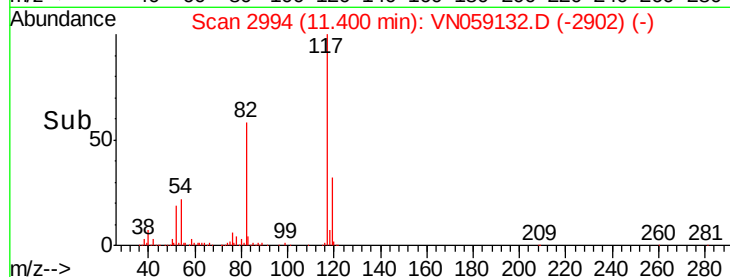
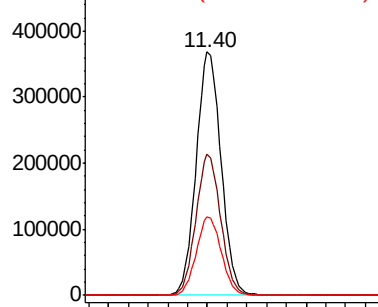
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059132.D
Acq: 8 Nov 2019 9:47

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

Tot Ion:117 Resp: 655607
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.8
119 32.2 25.8 38.6

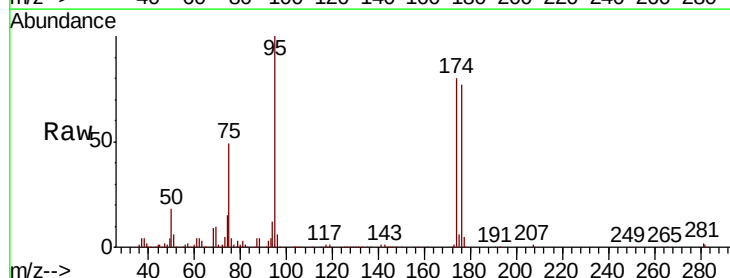


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

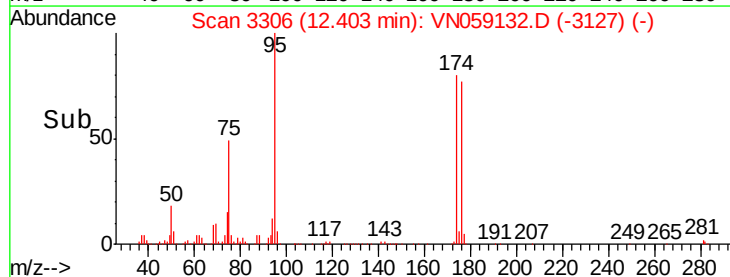
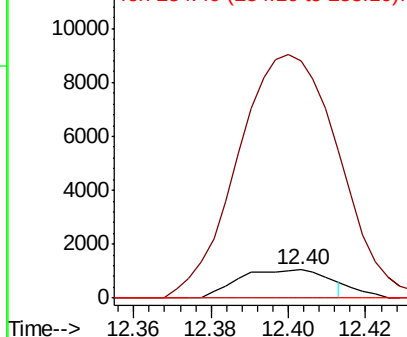


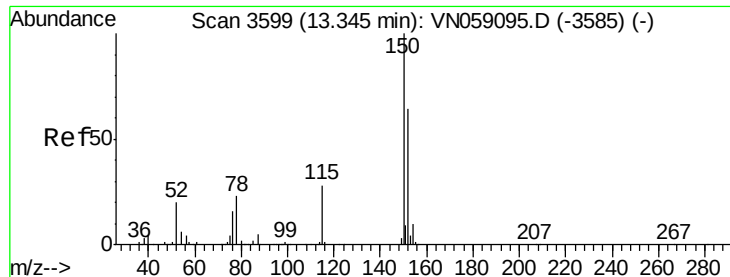
#71
Bromoform
Concen: 0.450 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN059132.D
Acq: 8 Nov 2019 9:47

Tgt Ion:173 Resp: 1677
Ion Ratio Lower Upper
173 100
175 875.4 24.2 72.6#
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059132.D

Acq: 8 Nov 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBL01

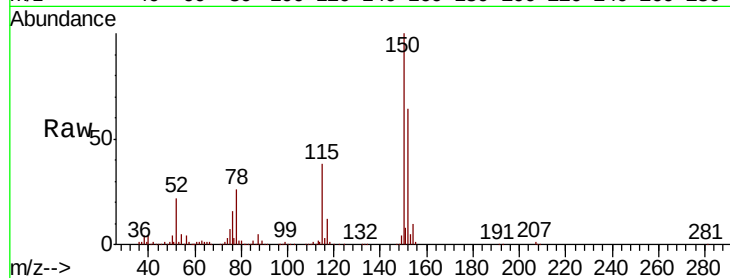
Tot Ion:152 Resp: 232614

Ion Ratio Lower Upper

152 100

115 59.0 29.4 88.2

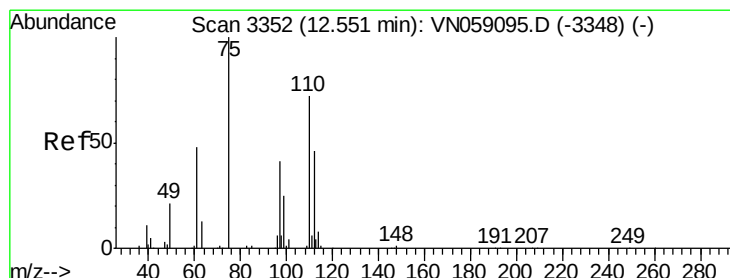
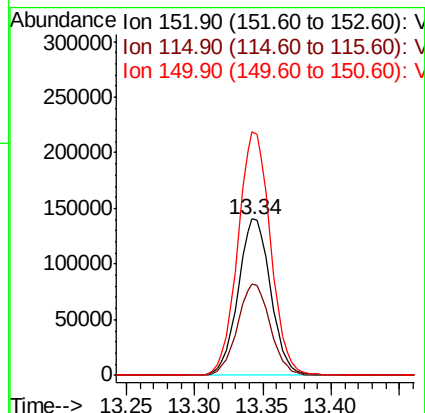
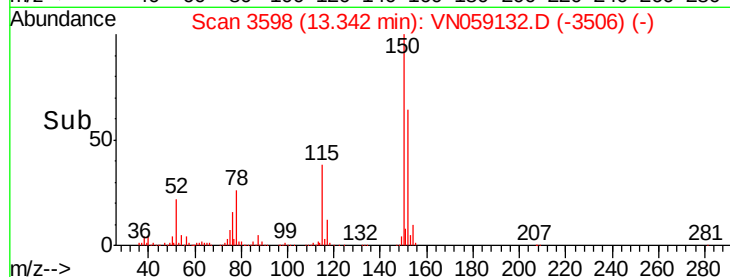
150 156.3 0.0 345.8



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: 26.865 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059132.D

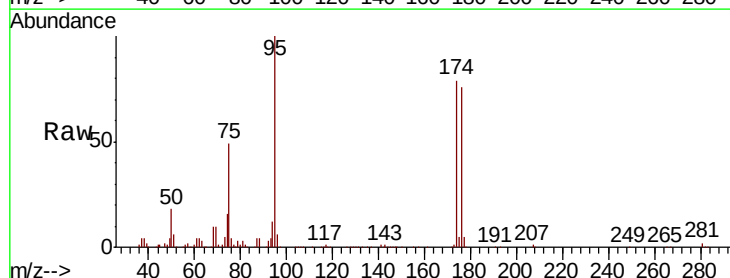
Acq: 8 Nov 2019 9:47

Tgt Ion: 75 Resp: 142271

Ion Ratio Lower Upper

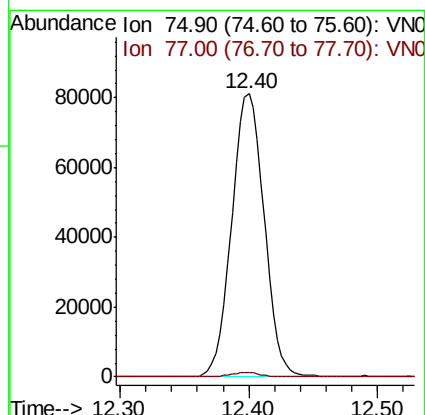
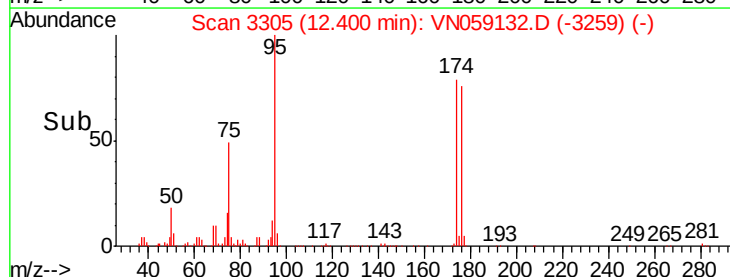
75 100

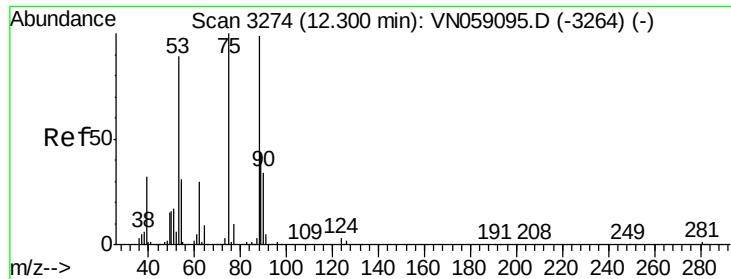
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

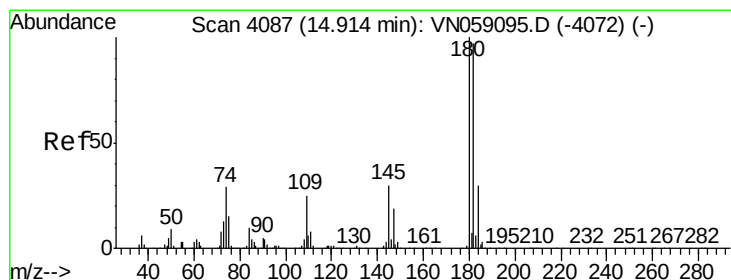
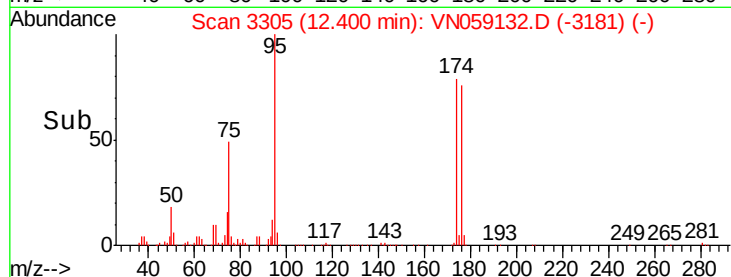
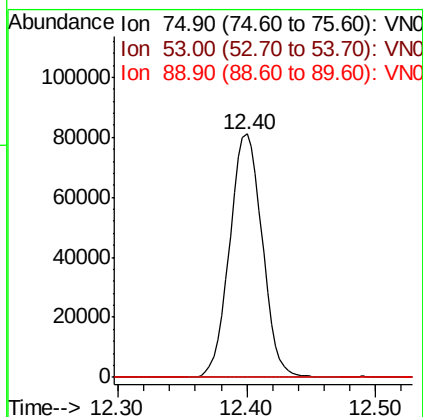
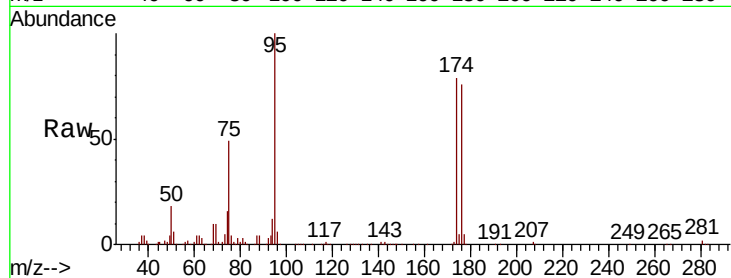




#81
trans-1,4-Dichloro-2-butene
Concen: 70.957 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN059132.D
Acq: 8 Nov 2019 9:47

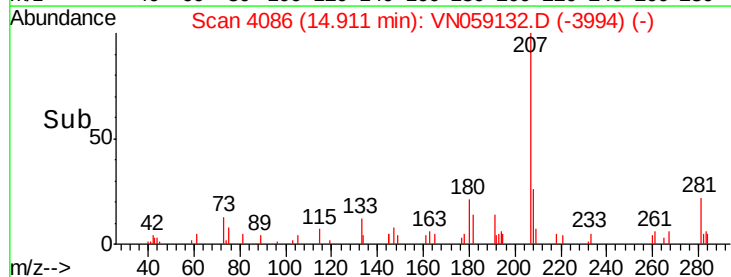
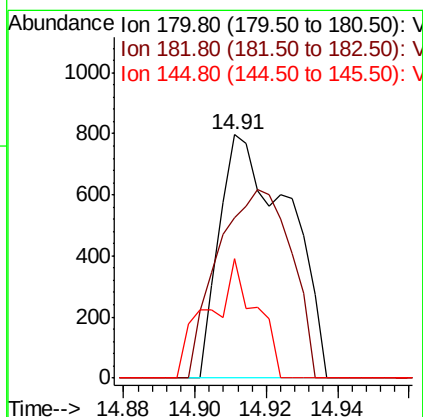
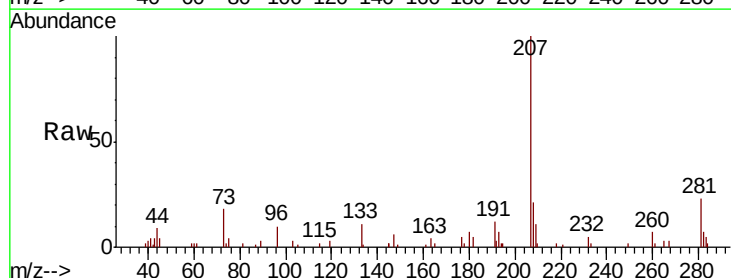
Instrument :
MSVOA_N
ClientSampled :
VN1108WBL01

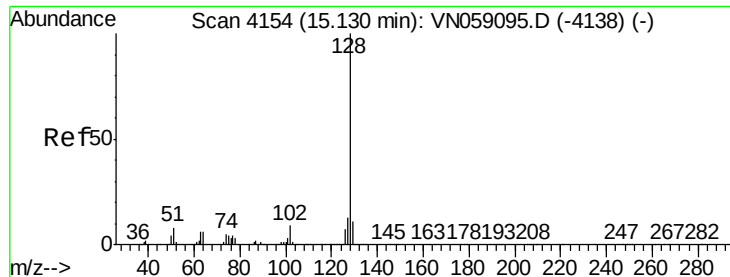
Tot Ion: 75 Resp: 142271
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.2#
89 0.0 35.8 53.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.278 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. -0.00 min
Lab File: VN059132.D
Acq: 8 Nov 2019 9:47

Tgt Ion: 180 Resp: 1071
Ion Ratio Lower Upper
180 100
182 81.9 48.1 144.3
145 33.6 15.1 45.3





#95

Naphthalene

Concen: 3.307 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059132.D

Acq: 8 Nov 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBL01

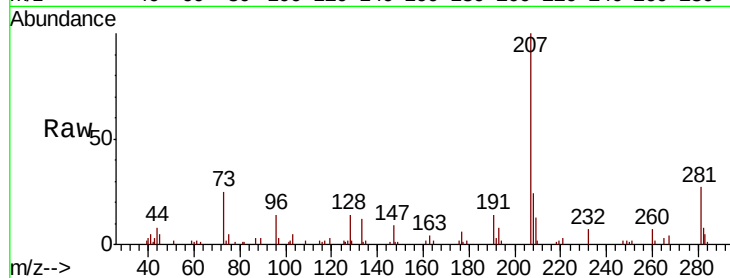
Tot Ion:128 Resp: 3358

Ion Ratio Lower Upper

128 100

127 10.4 10.2 15.2

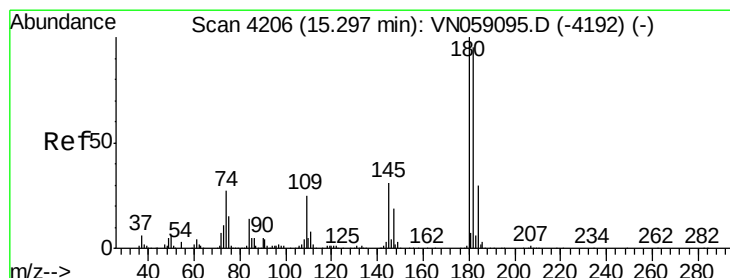
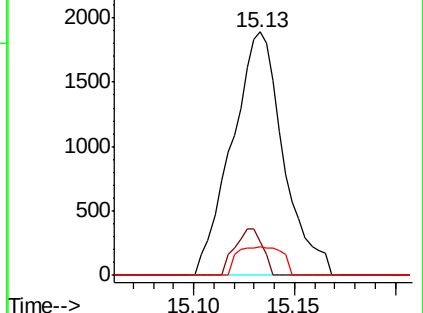
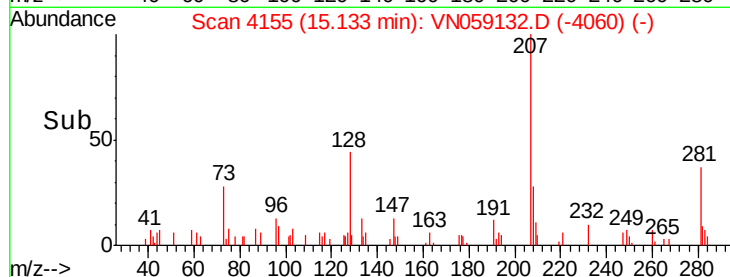
129 10.3 8.6 12.8



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: 0.401 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059132.D

Acq: 8 Nov 2019 9:47

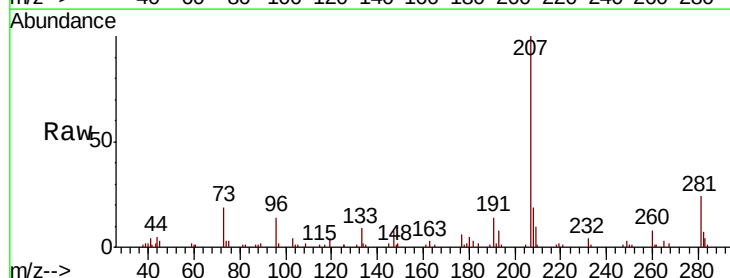
Tgt Ion:180 Resp: 1609

Ion Ratio Lower Upper

180 100

182 60.8 47.3 141.8

145 45.3 15.8 47.3



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

