

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016192.D
 Acq On : 14 Aug 2020 15:14
 Operator : SY/VA
 Sample : L3501-01
 Misc : 7.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-081220

Quant Time: Aug 17 08:11:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111147	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	115926	58.67	ug/l	0.00
Spiked Amount						
			Recovery	=	117.34%	
35) Dibromofluoromethane	7.89	113	112423	48.48	ug/l	0.00
Spiked Amount						
			Recovery	=	96.96%	
50) Toluene-d8	10.33	98	428896	47.79	ug/l	0.00
Spiked Amount						
			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.62	95	131572	41.01	ug/l	0.00
Spiked Amount						
			Recovery	=	82.02%	

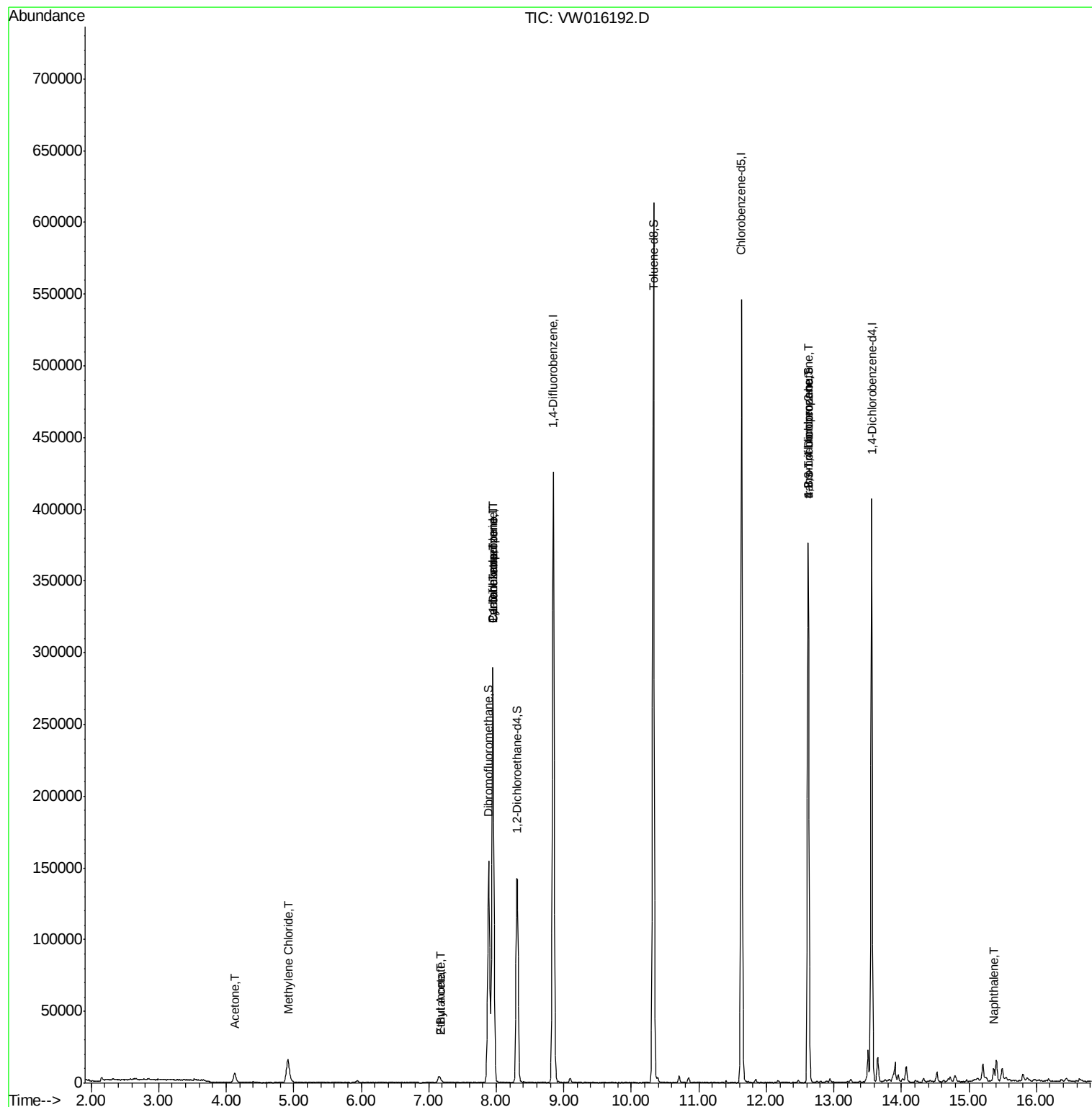
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	11488	30.349	ug/l	89
20) Methylene Chloride	4.92	84	13883	1.068	ug/l	94
25) 2-Butanone	7.18	43	1616	3.185	ug/l #	88
31) Cyclohexane	7.95	56	4068	1.128	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16095	4.347	ug/l #	50
37) Ethyl Acetate	7.18	43	1616	1.273	ug/l #	65
38) Carbon Tetrachloride	7.95	117	21309	5.768	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	61734	60.394	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	61734	144.863	ug/l #	12
95) Naphthalene	15.36	128	7846	5.359	ug/l	98

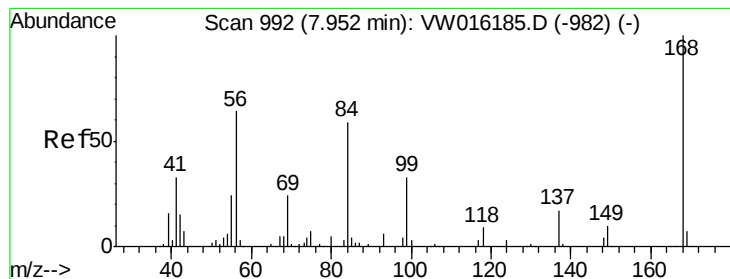
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
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Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016192.D

Acq: 14 Aug 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

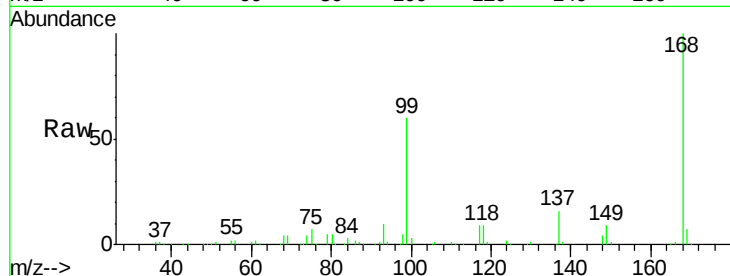
NB-08-081220

Tgt Ion:168 Resp: 202621

Ion Ratio Lower Upper

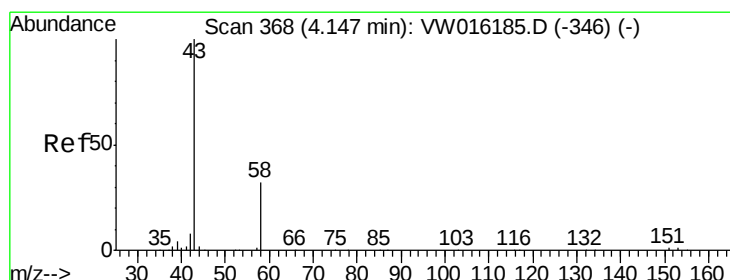
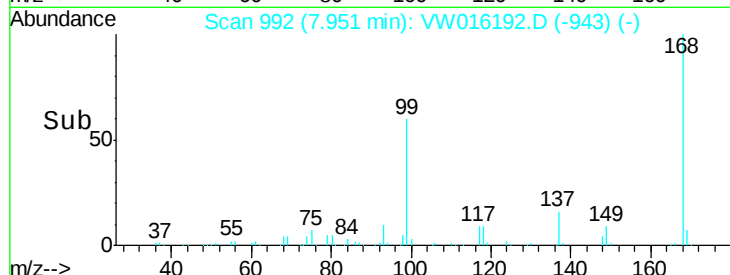
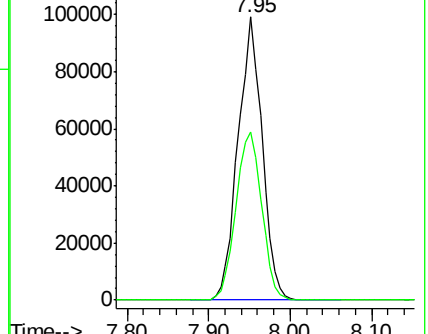
168 100

99 59.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 30.349 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016192.D

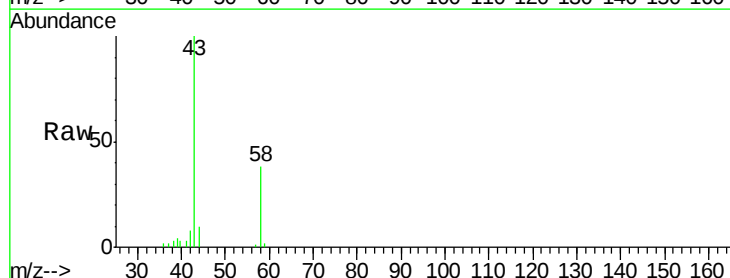
Acq: 14 Aug 2020 15:14

Tgt Ion: 43 Resp: 11488

Ion Ratio Lower Upper

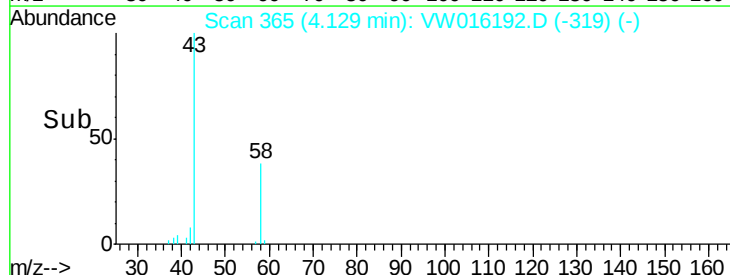
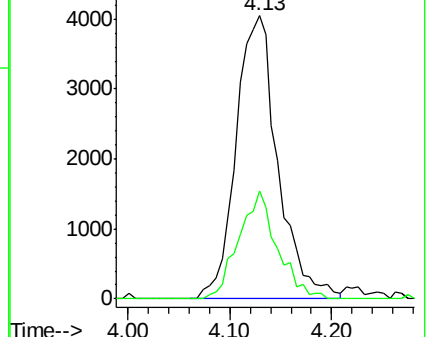
43 100

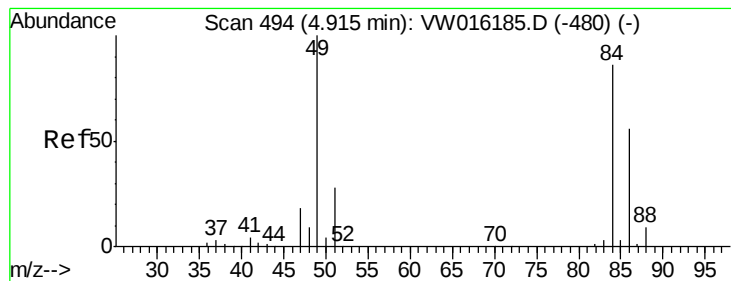
58 38.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.068 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016192.D

Acq: 14 Aug 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

NB-08-081220

Tgt Ion: 84 Resp: 13883

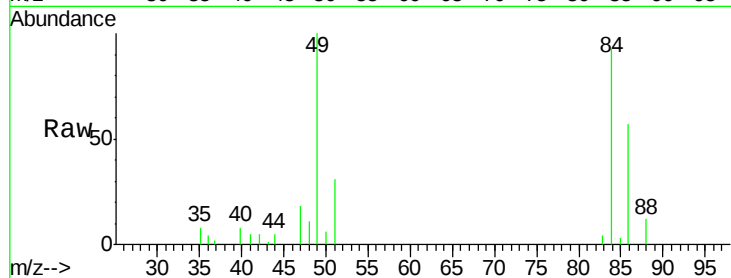
Ion Ratio Lower Upper

84 100

49 107.2 93.4 140.2

51 33.2 26.6 40.0

86 61.3 52.2 78.2

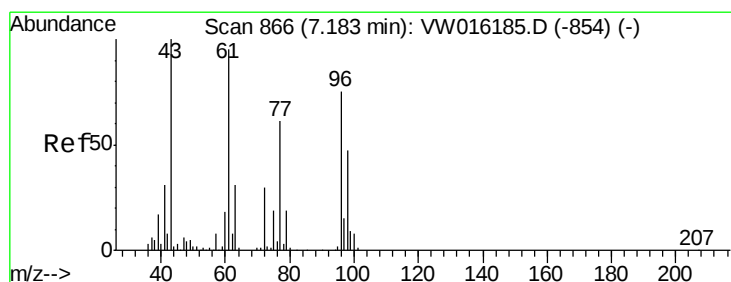
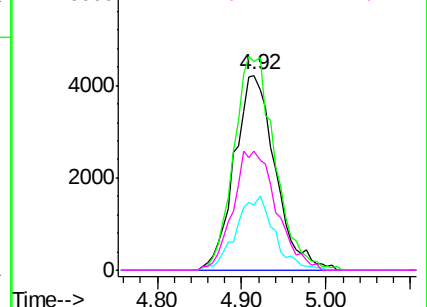
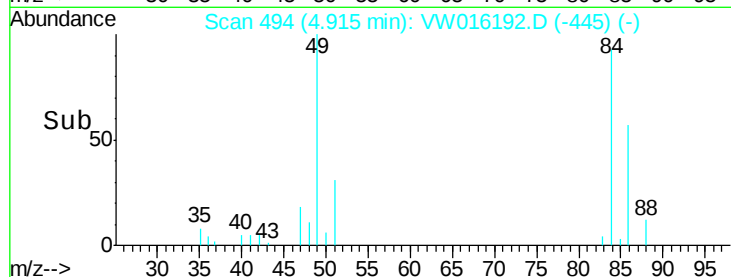


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 3.185 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW016192.D

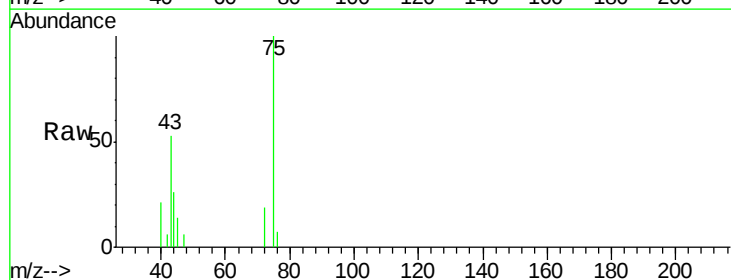
Acq: 14 Aug 2020 15:14

Tgt Ion: 43 Resp: 1616

Ion Ratio Lower Upper

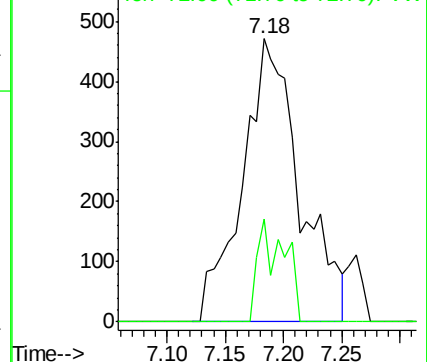
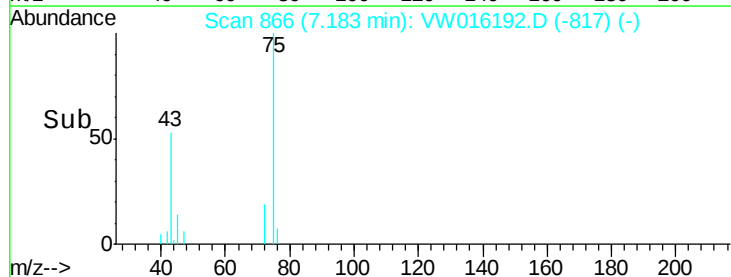
43 100

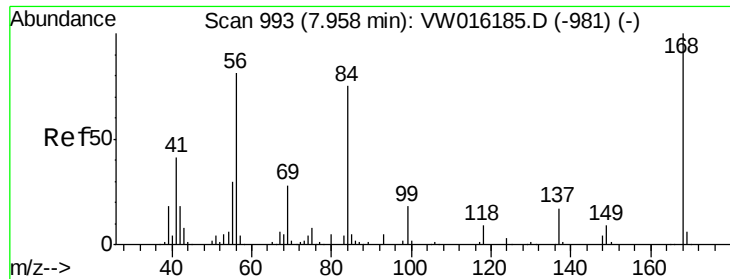
72 36.5 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

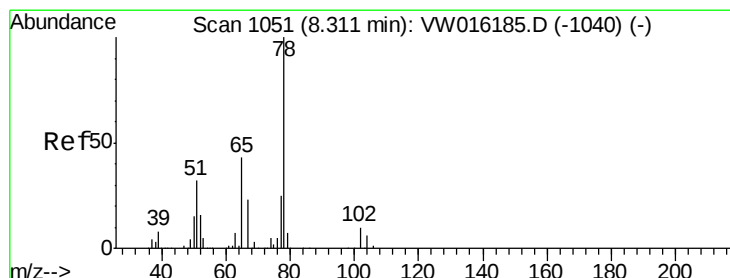
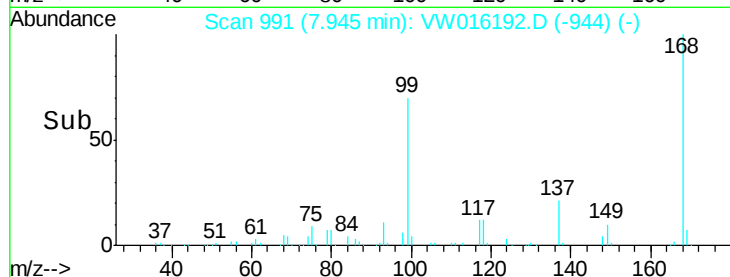
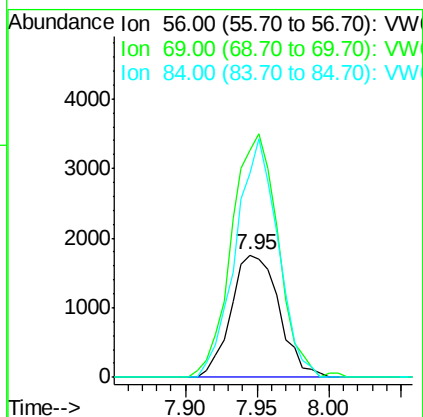
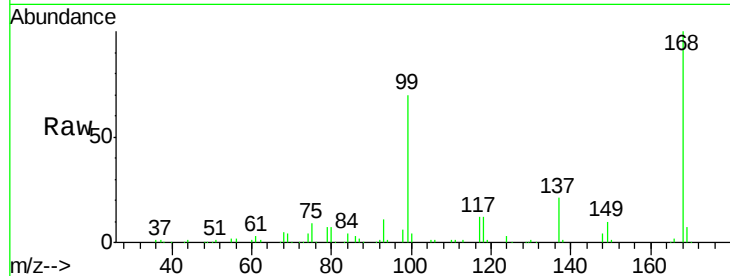




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016192.D
Acq: 14 Aug 2020 15:14

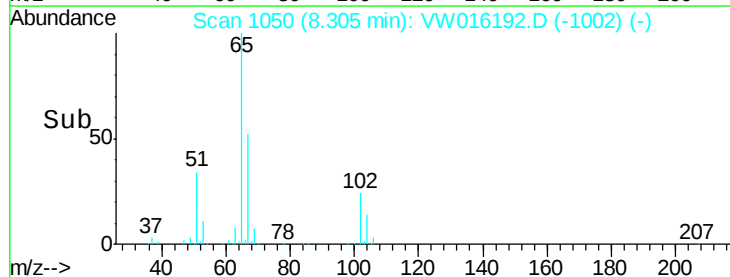
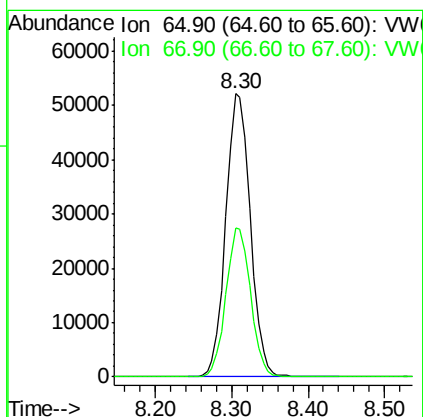
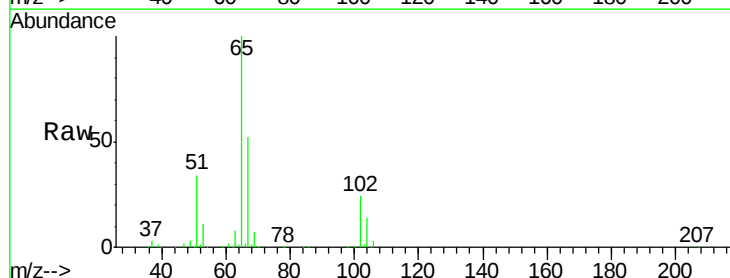
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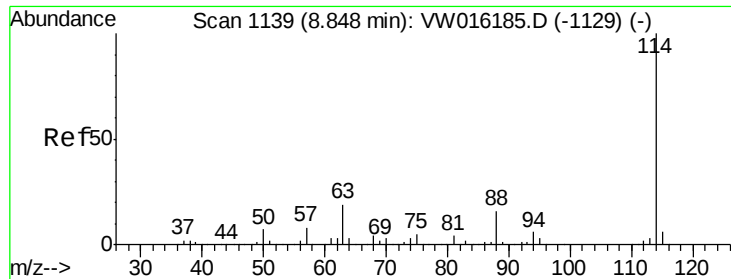
Tgt Ion: 56 Resp: 4068
Ion Ratio Lower Upper
56 100
69 186.2 27.3 40.9#
84 166.7 73.5 110.3#



#33
1,2-Dichloroethane-d4
Concen: 58.668 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016192.D
Acq: 14 Aug 2020 15:14

Tgt Ion: 65 Resp: 115926
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.6

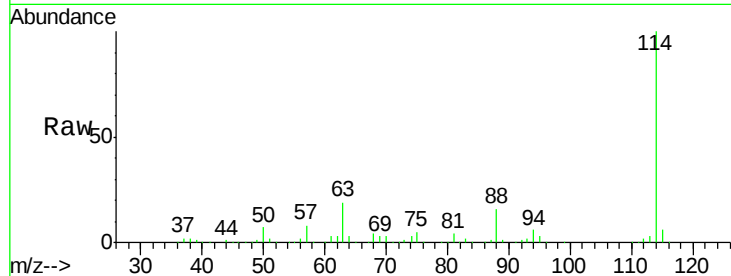




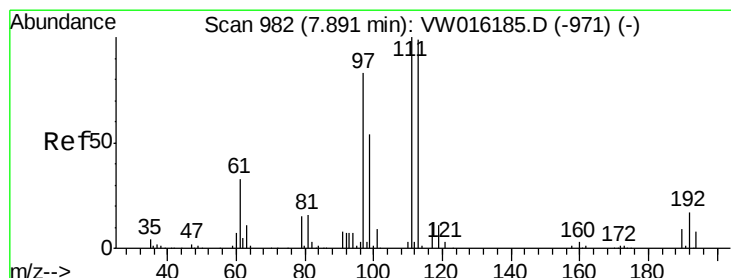
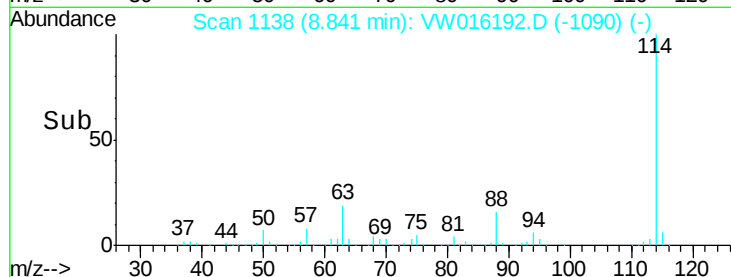
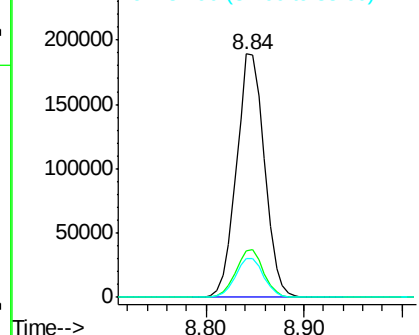
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW016192.D
Acq: 14 Aug 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
NB-08-081220

Tgt Ion:114 Resp: 375801
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.4
88 16.0 0.0 32.8

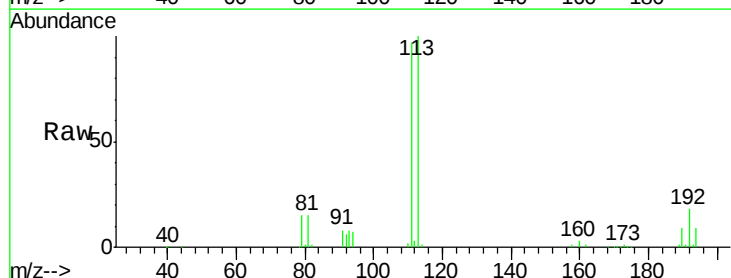


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

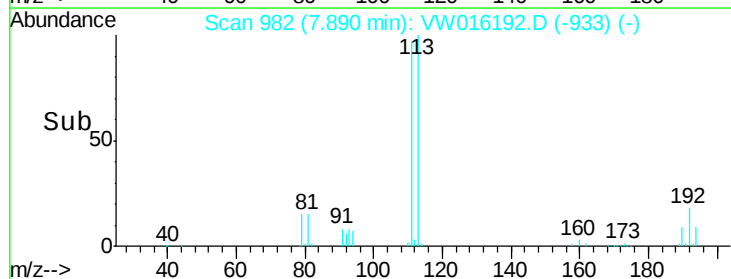
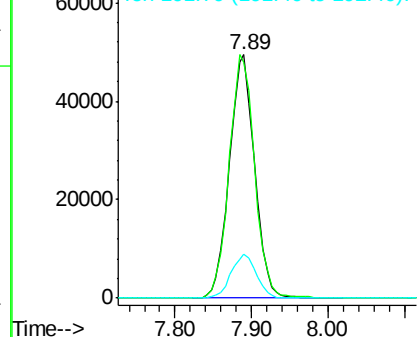


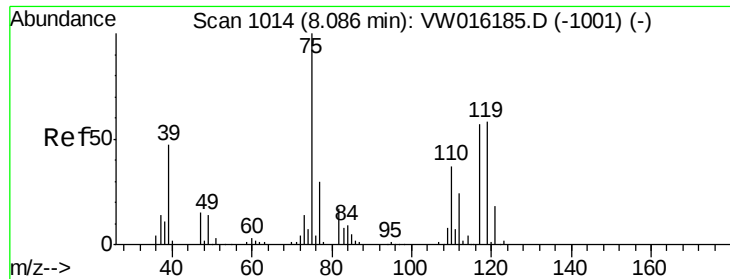
#35
Dibromofluoromethane
Concen: 48.485 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW016192.D
Acq: 14 Aug 2020 15:14

Tgt Ion:113 Resp: 112423
Ion Ratio Lower Upper
113 100
111 100.8 83.5 125.3
192 18.3 14.3 21.5



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

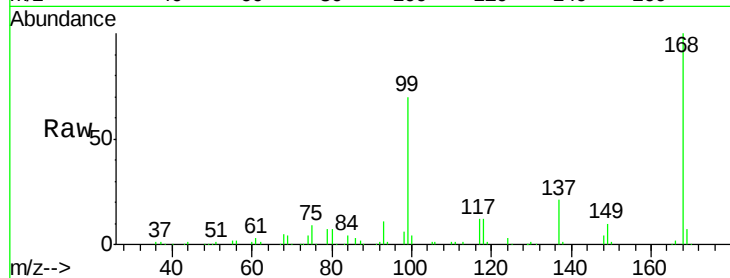




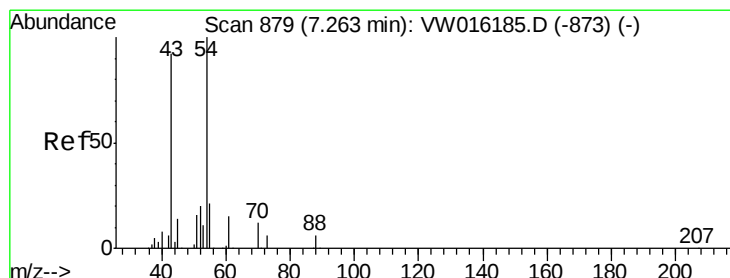
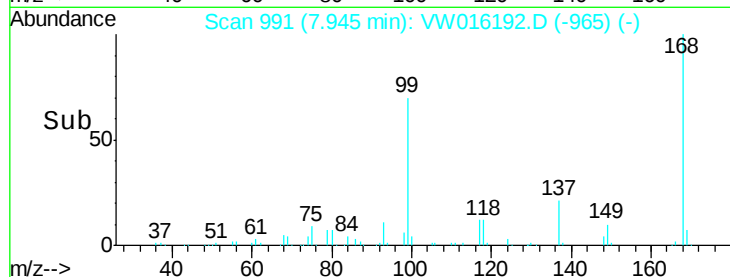
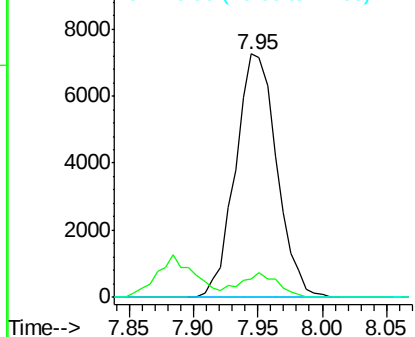
#36
 1,1-Dichloropropene
 Concen: 4.347 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW016192.D
 Acq: 14 Aug 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-081220

Tgt Ion: 75 Resp: 16095
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.1 54.3#
 77 0.0 24.7 37.1#

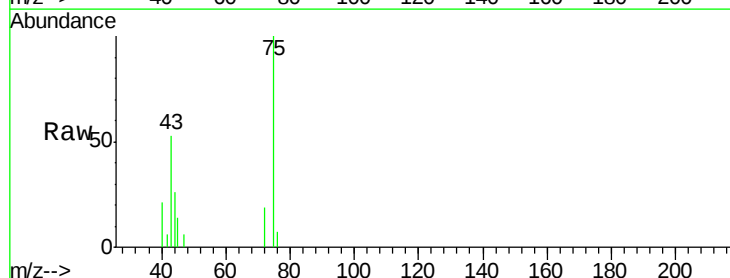


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

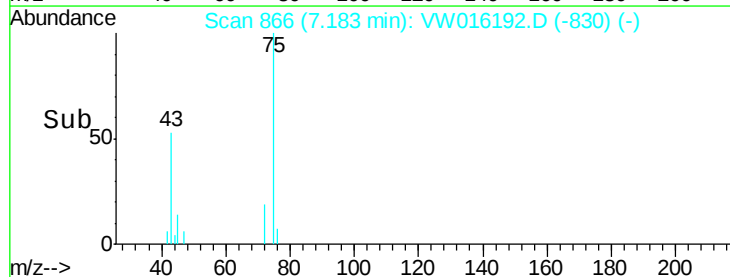
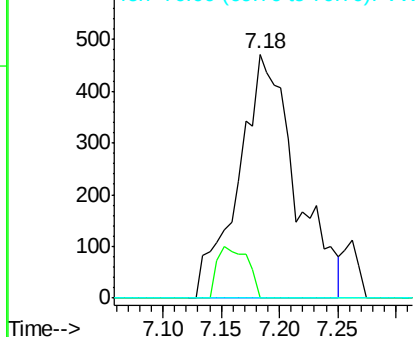


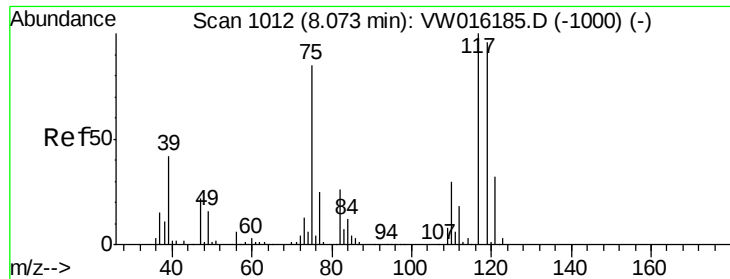
#37
 Ethyl Acetate
 Concen: 1.273 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.08 min
 Lab File: VW016192.D
 Acq: 14 Aug 2020 15:14

Tgt Ion: 43 Resp: 1616
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.6 18.8#
 70 0.0 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

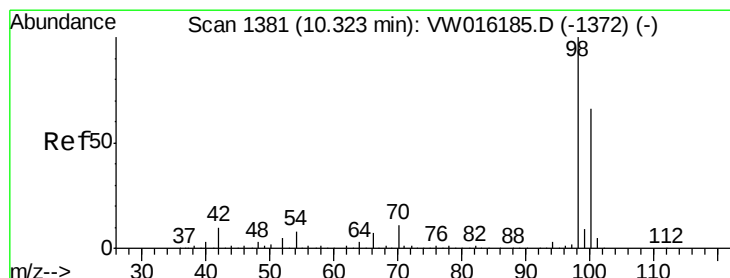
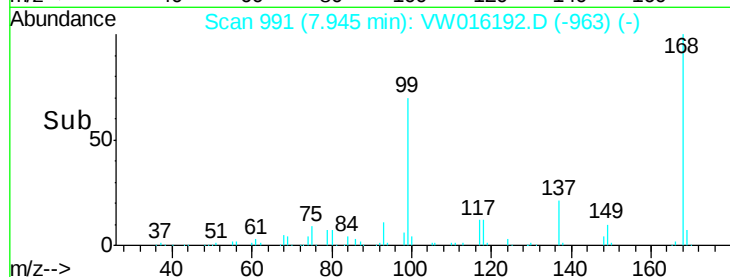
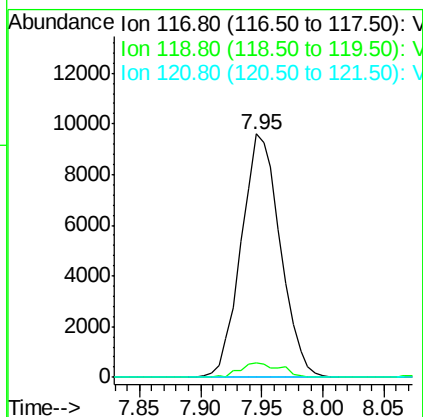
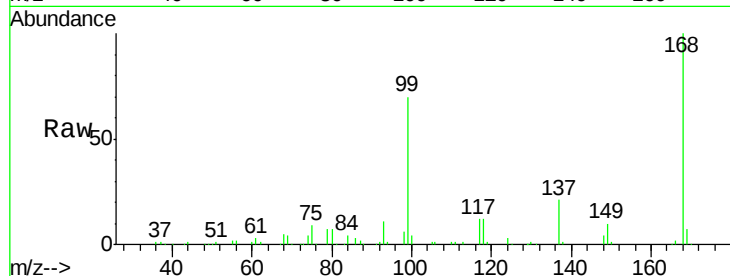




#38
Carbon Tetrachloride
Concen: 5.768 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW016192.D
Acq: 14 Aug 2020 15:14

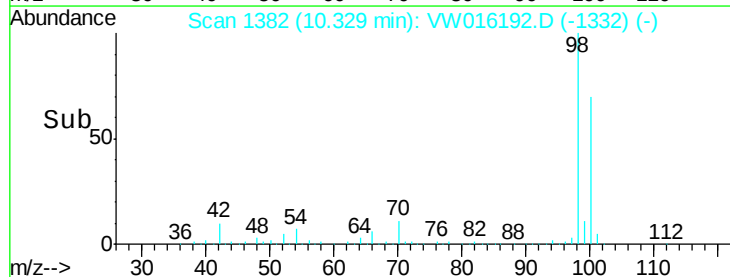
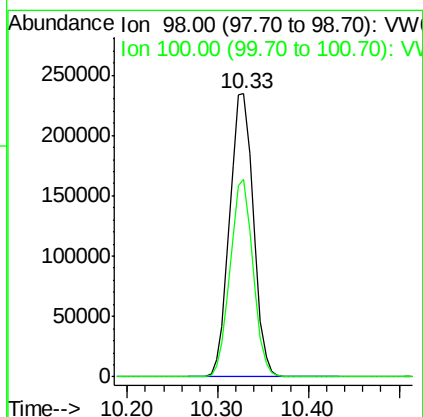
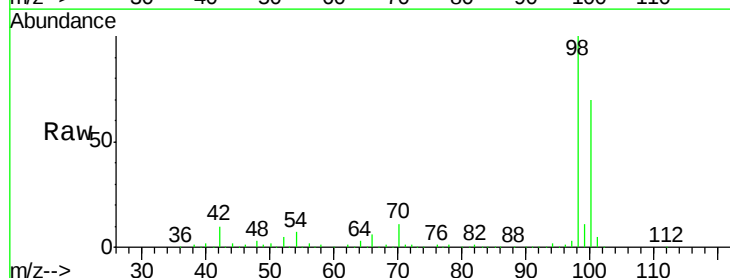
Instrument :
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NB-08-081220

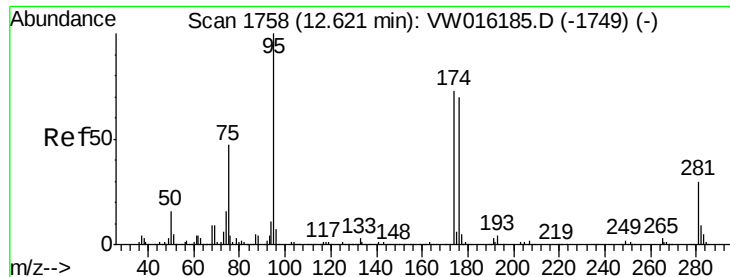
Tgt Ion: 117 Resp: 21309
Ion Ratio Lower Upper
117 100
119 6.1 76.6 115.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 47.786 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016192.D
Acq: 14 Aug 2020 15:14

Tgt Ion: 98 Resp: 428896
Ion Ratio Lower Upper
98 100
100 66.9 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 41.010 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW016192.D

Acq: 14 Aug 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

NB-08-081220

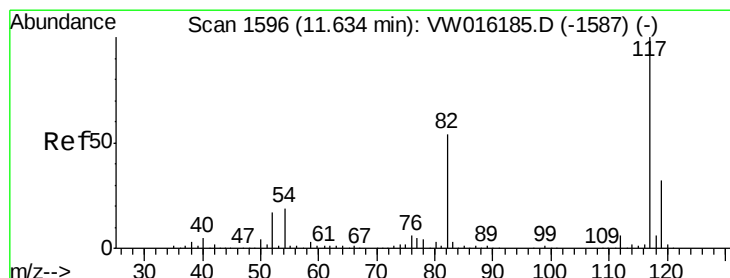
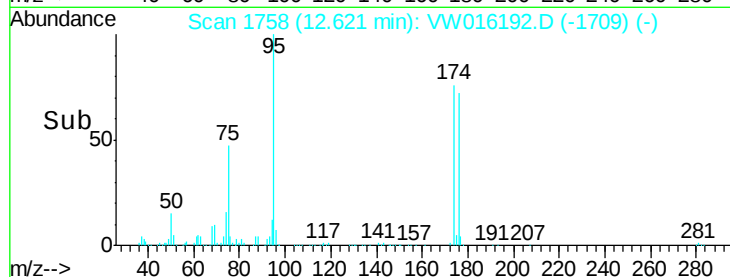
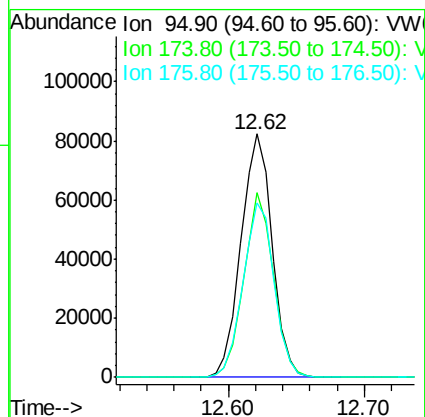
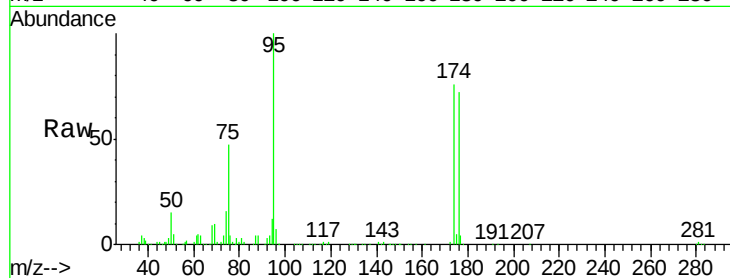
Tgt Ion: 95 Resp: 131572

Ion Ratio Lower Upper

95 100

174 72.7 0.0 145.6

176 71.5 0.0 137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW016192.D

Acq: 14 Aug 2020 15:14

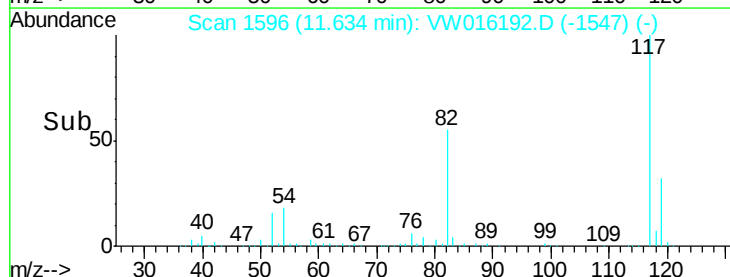
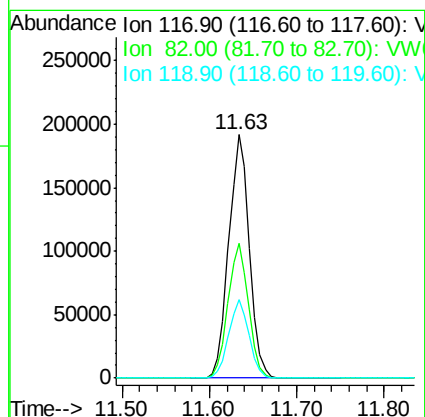
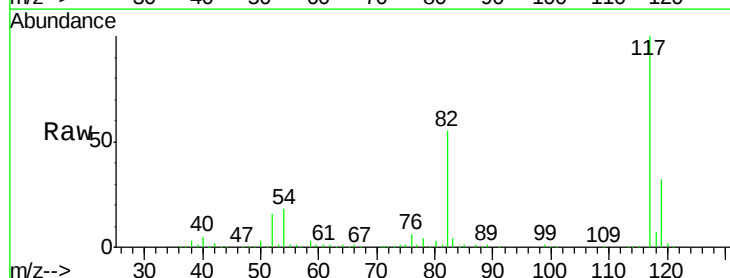
Tgt Ion: 117 Resp: 312861

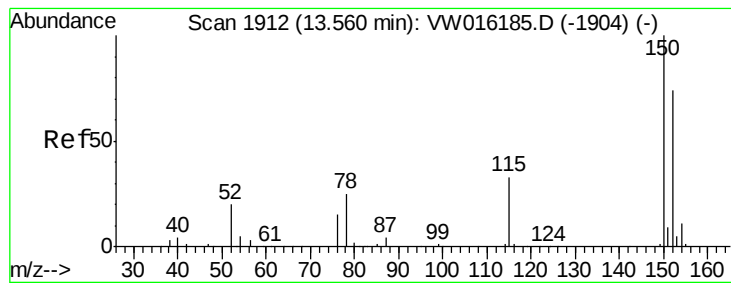
Ion Ratio Lower Upper

117 100

82 55.2 43.6 65.4

119 32.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW016192.D

Acq: 14 Aug 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

NB-08-081220

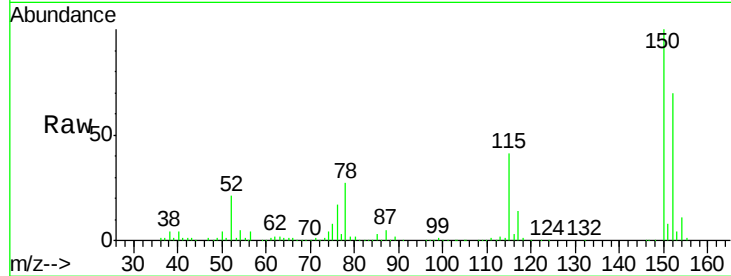
Tgt Ion:152 Resp: 111147

Ion Ratio Lower Upper

152 100

115 61.0 30.9 92.5

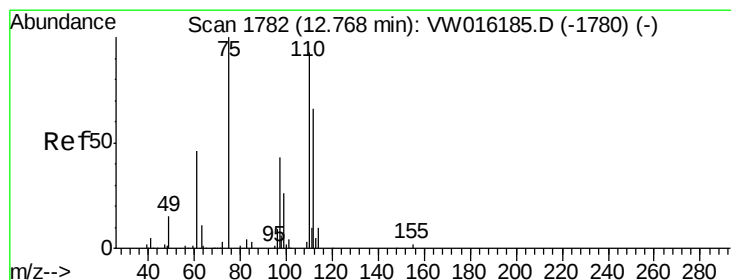
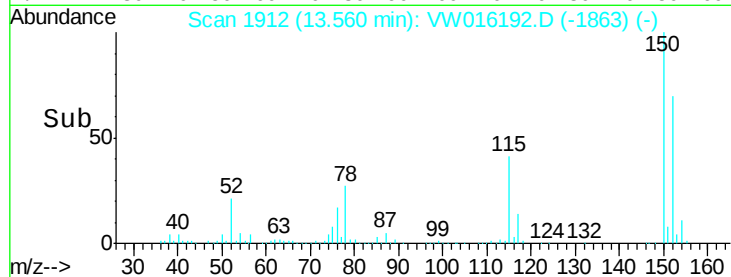
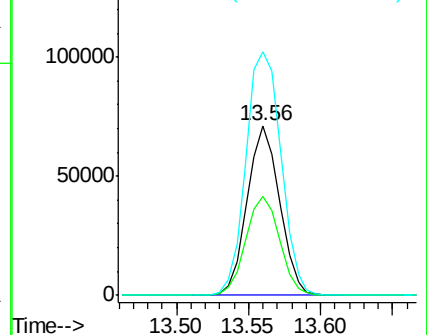
150 155.1 0.0 337.8



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: 60.394 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016192.D

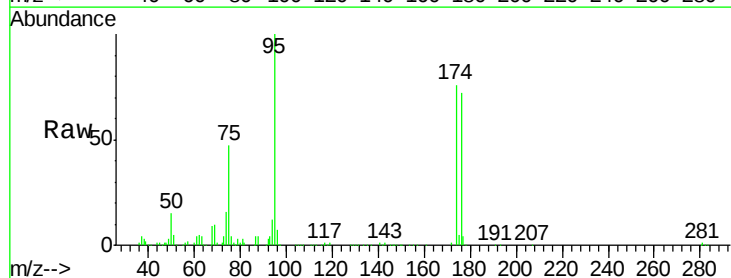
Acq: 14 Aug 2020 15:14

Tgt Ion: 75 Resp: 61734

Ion Ratio Lower Upper

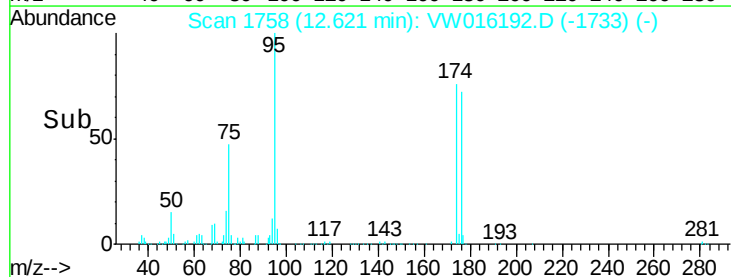
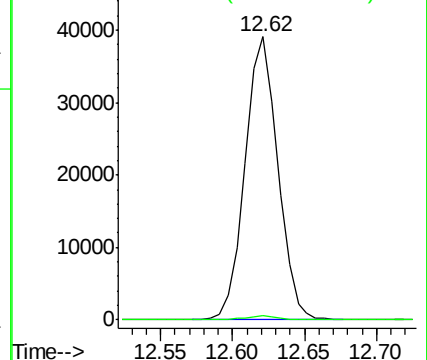
75 100

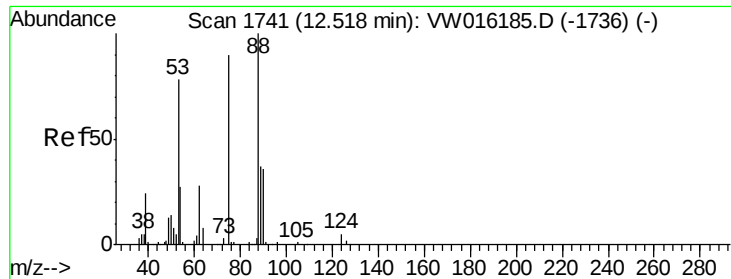
77 1.4 173.6 520.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 144.863 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016192.D

Acq: 14 Aug 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

NB-08-081220

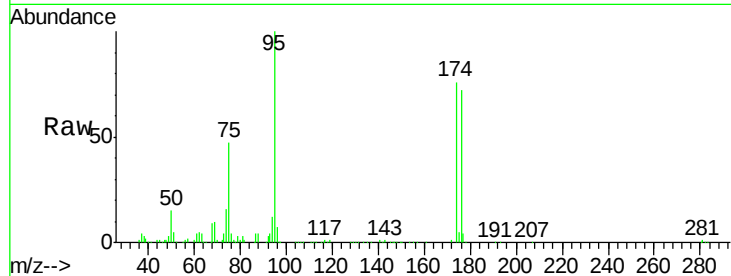
Tgt Ion: 75 Resp: 61734

Ion Ratio Lower Upper

75 100

53 0.1 74.6 111.8#

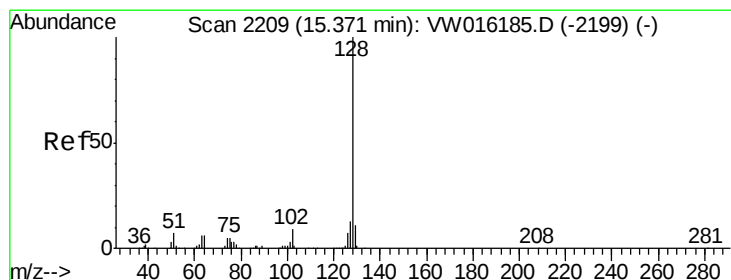
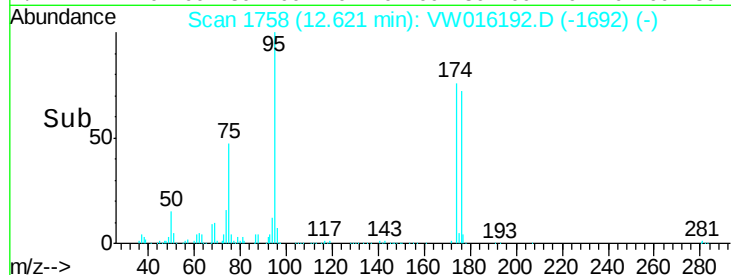
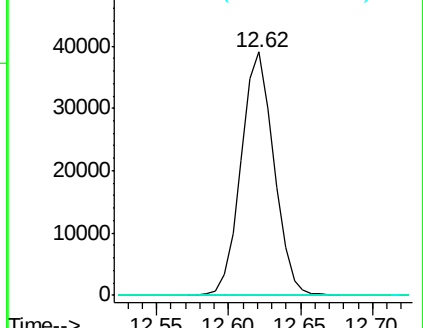
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#95

Naphthalene

Concen: 5.359 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016192.D

Acq: 14 Aug 2020 15:14

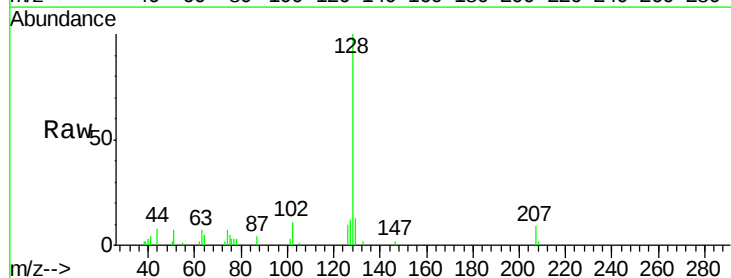
Tgt Ion: 128 Resp: 7846

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.8 8.7 13.1



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

