

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060888.D
 Acq On : 7 Apr 2020 19:27
 Operator : JC/MD
 Sample : L2143-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FORMER-OLDEN-AVE-SUB

Quant Time: Apr 08 05:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

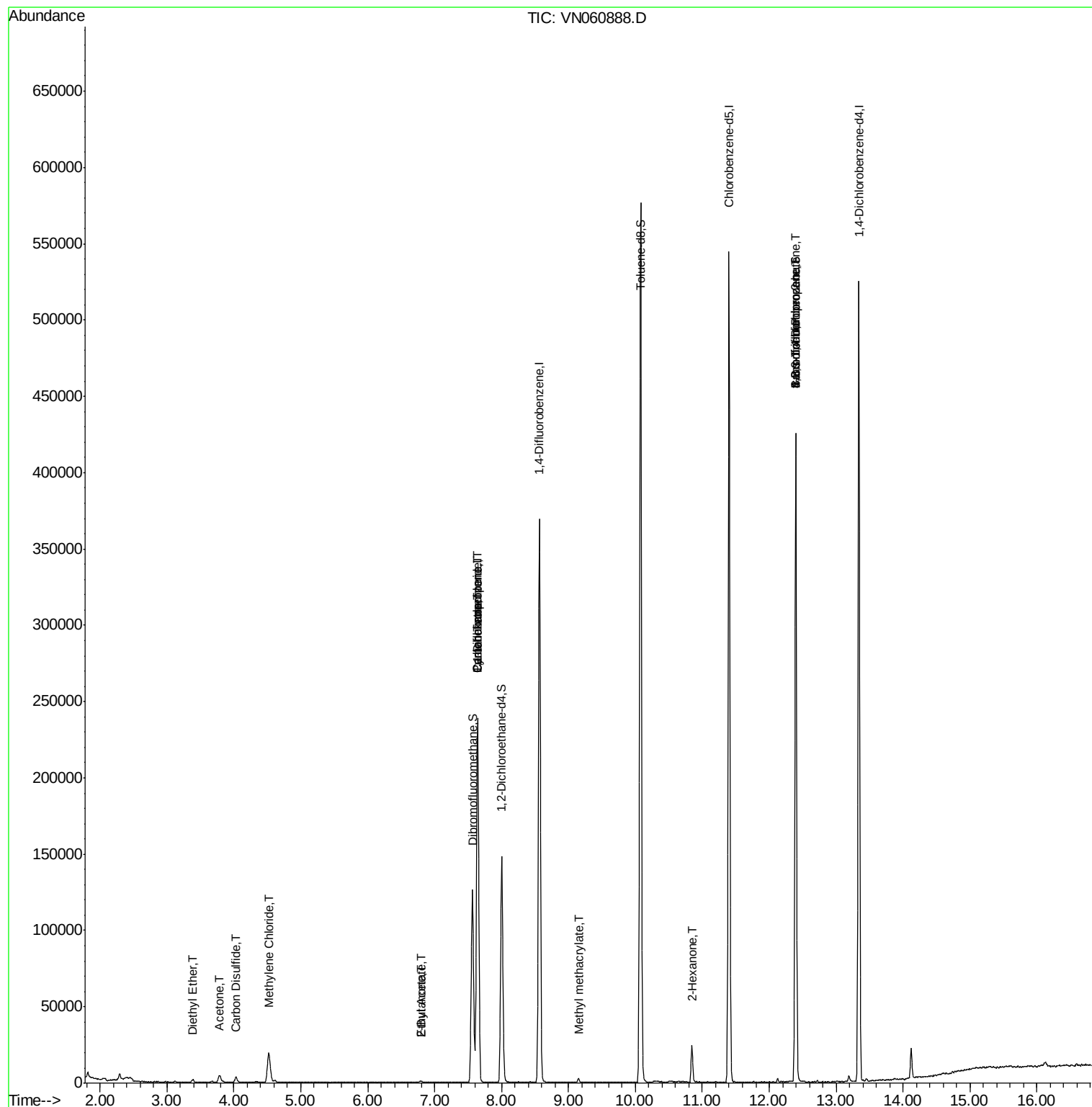
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	327266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126371	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	7.56	113	96825	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	10.08	98	401939	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	149682	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.38	74	790	0.576	ug/l	91
16) Acetone	3.78	43	8945	9.388	ug/l	98
17) Carbon Disulfide	4.03	76	6464	1.002	ug/l	99
20) Methylene Chloride	4.52	84	14935	6.372	ug/l	96
25) 2-Butanone	6.81	43	835	0.542	ug/l #	50
31) Cyclohexane	7.64	56	4012	0.926	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	15429	4.869	ug/l #	49
37) Ethyl Acetate	6.81	43	835	0.244	ug/l #	70
38) Carbon Tetrachloride	7.64	117	19130	6.735	ug/l #	17
48) Methyl methacrylate	9.15	41	852	0.339	ug/l #	29
59) 2-Hexanone	10.84	43	4566	1.973	ug/l #	40
71) Bromoform	12.40	173	495	1.941	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	76426	25.297	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	76426	64.971	ug/l #	13

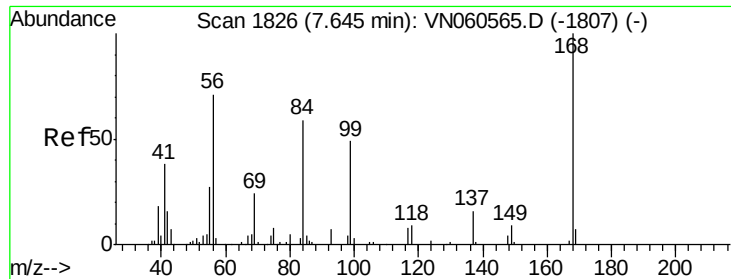
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040720\
Data File : VN060888.D
Acq On : 7 Apr 2020 19:27
Operator : JC/MD
Sample : L2143-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FORMER-OLDEN-AVE-SUB

Quant Time: Apr 08 05:56:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
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: VN060888.D

Acq: 7 Apr 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

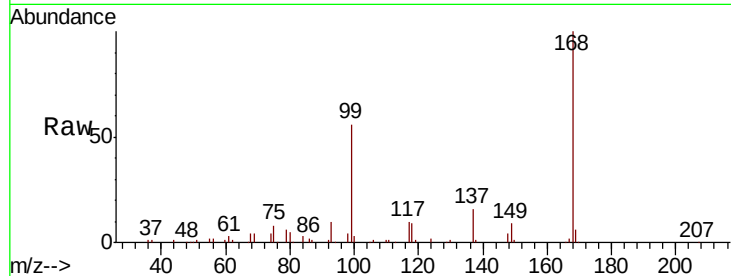
FORMER-OLDEN-AVE-SUB

Tot Ion:168 Resp: 195955

Ion Ratio Lower Upper

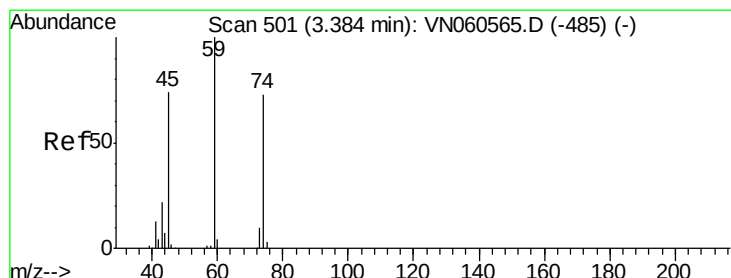
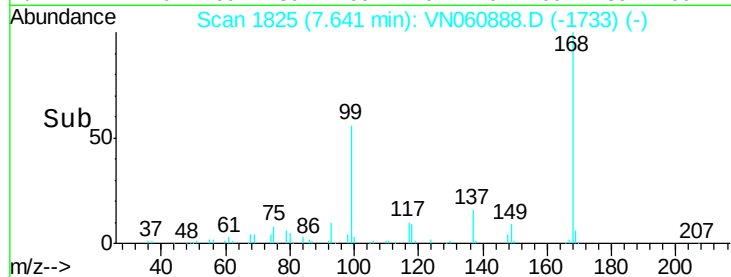
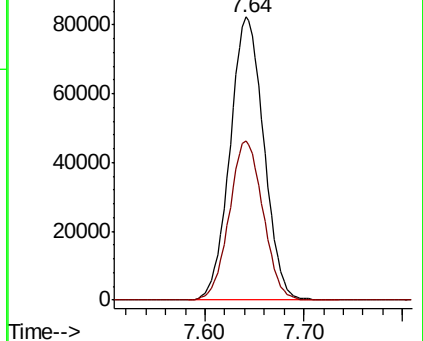
168 100

99 56.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#8

Diethyl Ether

Concen: 0.576 ug/l

RT: 3.38 min Scan# 501

Delta R.T. 0.00 min

Lab File: VN060888.D

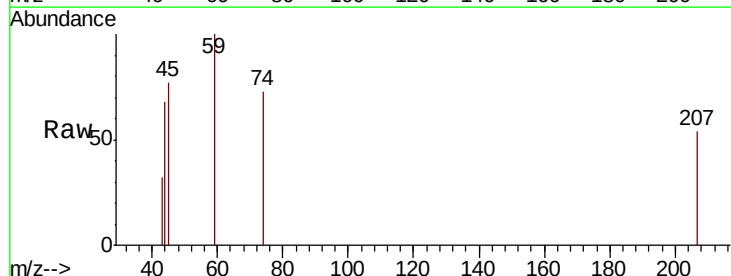
Acq: 7 Apr 2020 19:27

Tgt Ion: 74 Resp: 790

Ion Ratio Lower Upper

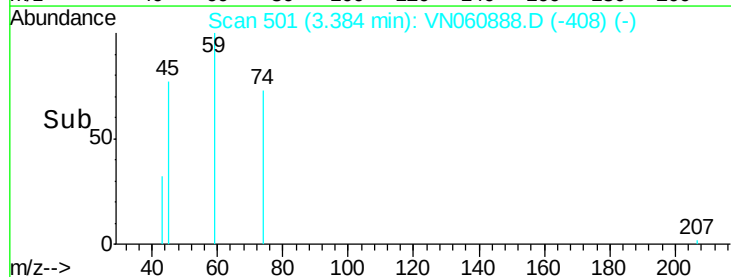
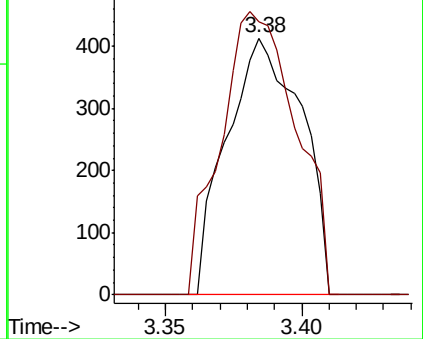
74 100

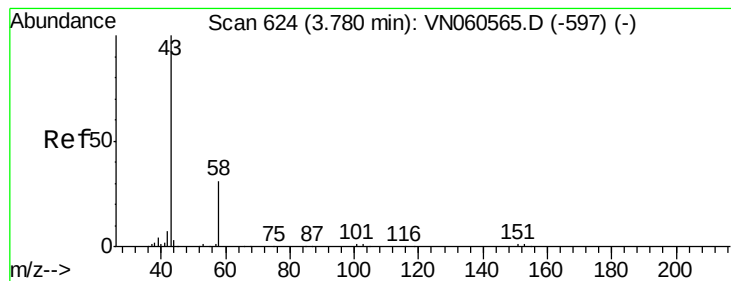
45 111.5 51.3 153.9



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN





#16

Acetone

Concen: 9.388 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060888.D

Acq: 7 Apr 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

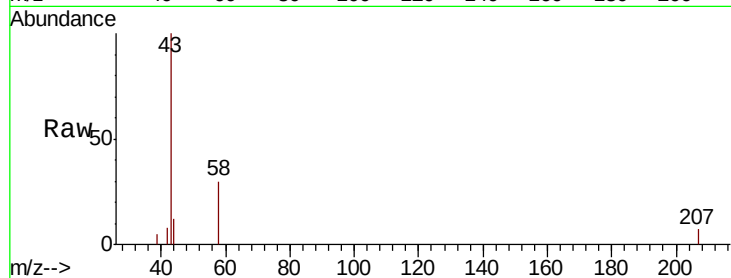
FORMER-OLDEN-AVE-SUB

Tot Ion: 43 Resp: 8945

Ion Ratio Lower Upper

43 100

58 30.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-597) (-)

3.78

3000

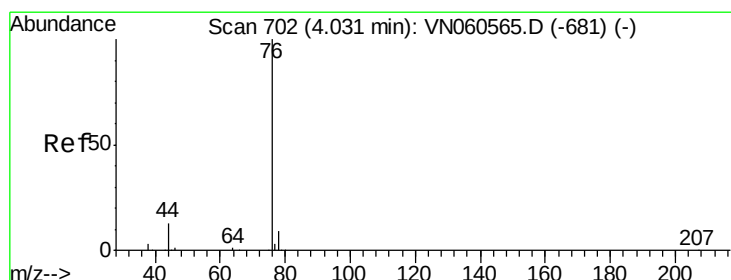
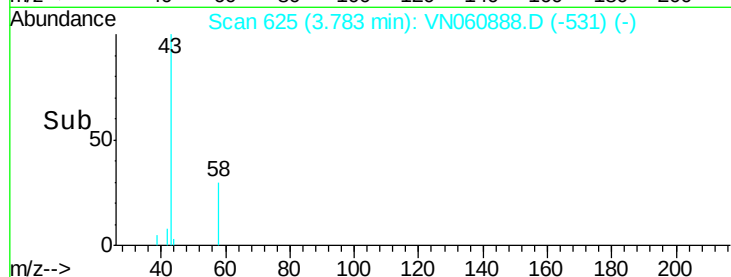
2000

1000

0

Time-->

3.70 3.75 3.80 3.85



#17

Carbon Disulfide

Concen: 1.002 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060888.D

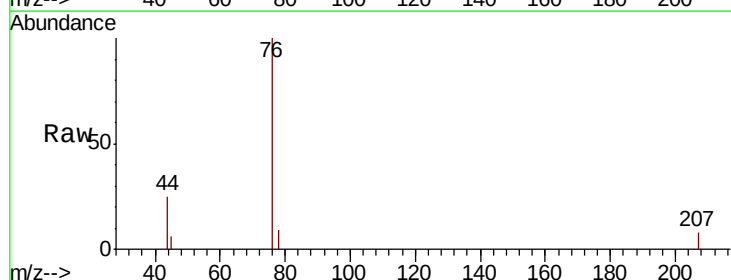
Acq: 7 Apr 2020 19:27

Tgt Ion: 76 Resp: 6464

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060565.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060565.D (-681) (-)

4.03

3000

2500

2000

1500

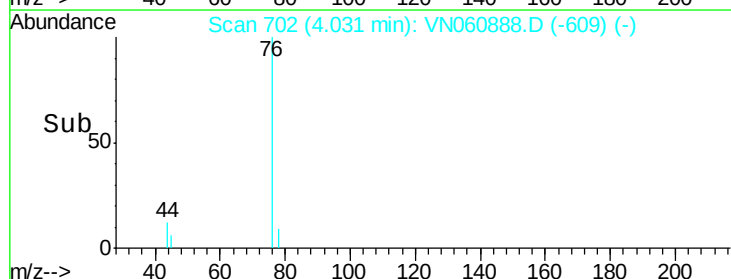
1000

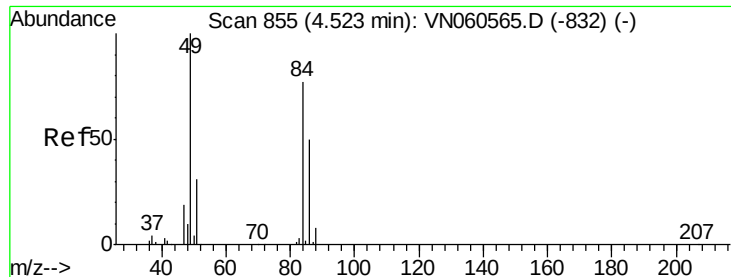
500

0

Time-->

3.95 4.00 4.05 4.10

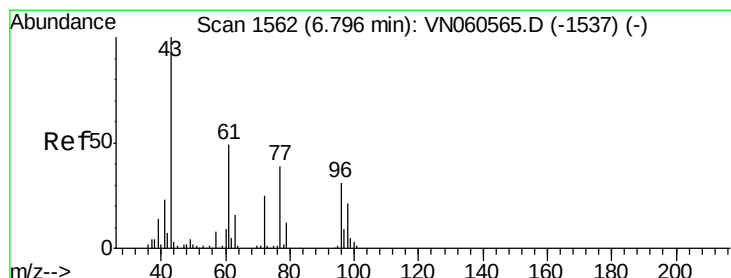
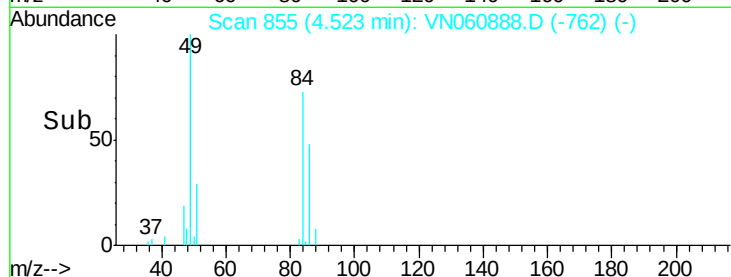
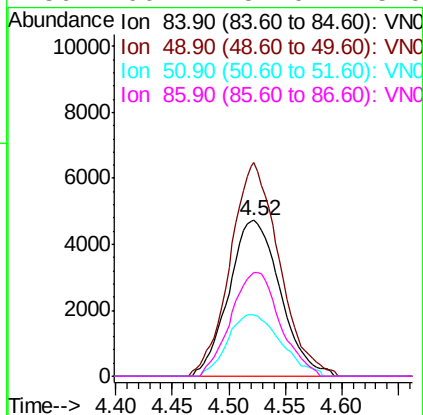
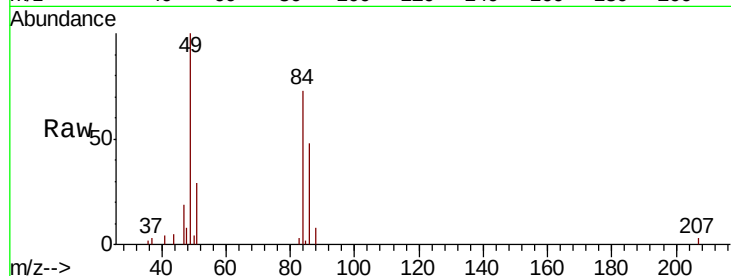




#20
Methvlene Chloride
Concen: 6.372 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060888.D
Acq: 7 Apr 2020 19:27

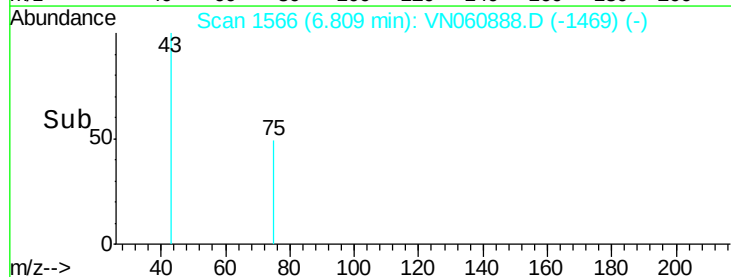
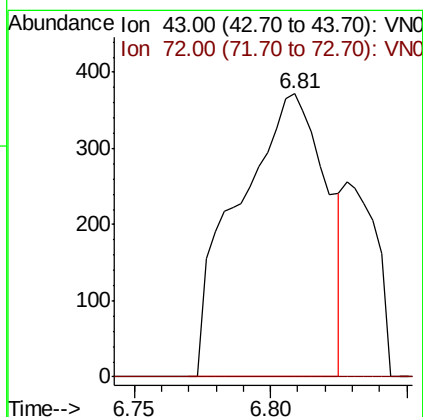
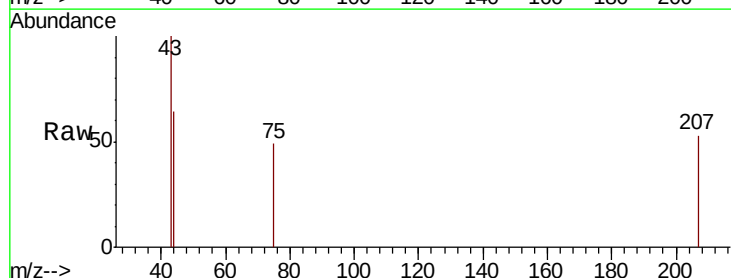
Instrument :
MSVOA_N
ClientSampleId :
FORMER-OLDEN-AVE-SUB

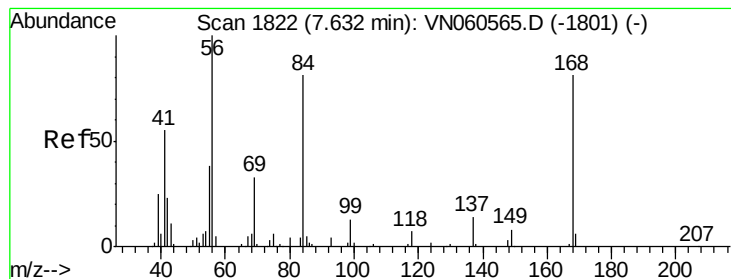
Tot Ion: 84 Resp: 14935
Ion Ratio Lower Upper
84 100
49 137.2 103.3 154.9
51 39.7 31.6 47.4
86 66.4 52.0 78.0



#25
2-Butanone
Concen: 0.542 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060888.D
Acq: 7 Apr 2020 19:27

Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#





#31

Cyclohexane

Concen: 0.926 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN060888.D

Acq: 7 Apr 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

FORMER-OLDEN-AVE-SUB

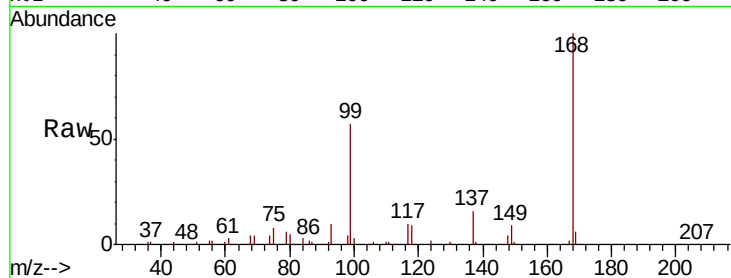
Tot Ion: 56 Resp: 4012

Ion Ratio Lower Upper

56 100

69 191.6 26.6 40.0#

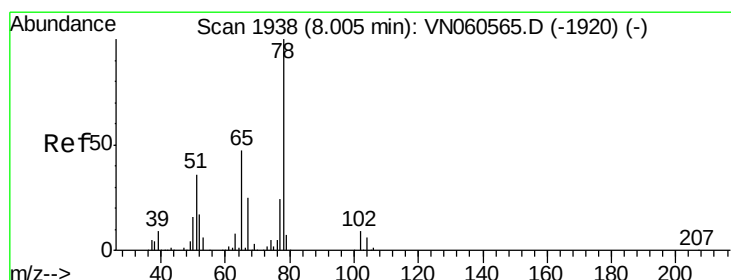
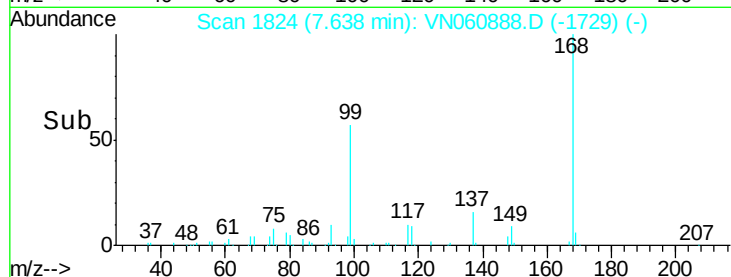
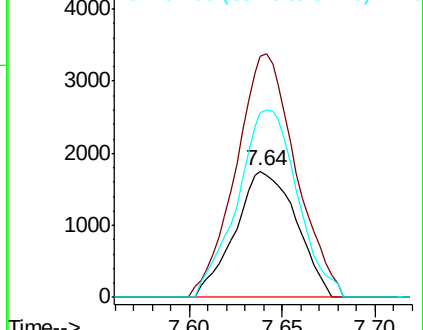
84 146.3 64.3 96.5#



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: 46.978 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060888.D

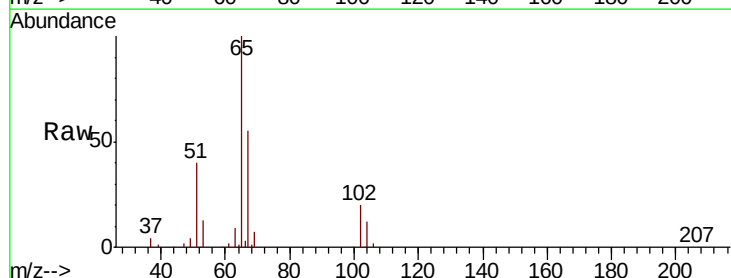
Acq: 7 Apr 2020 19:27

Tgt Ion: 65 Resp: 126371

Ion Ratio Lower Upper

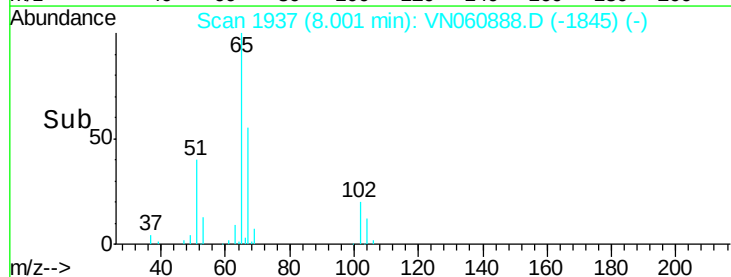
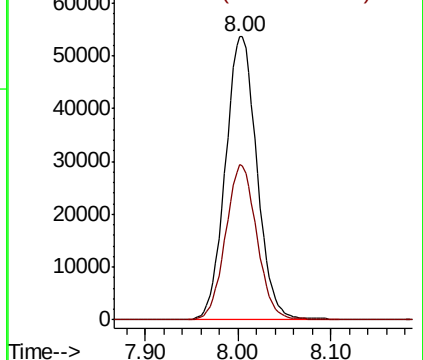
65 100

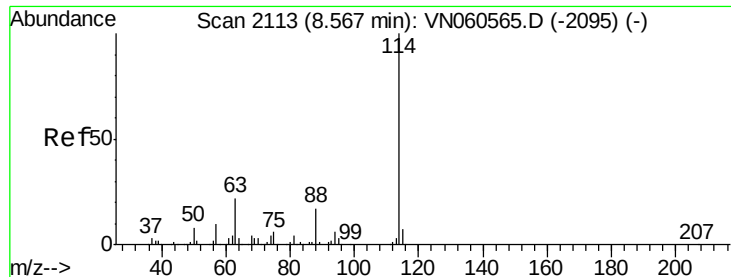
67 54.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

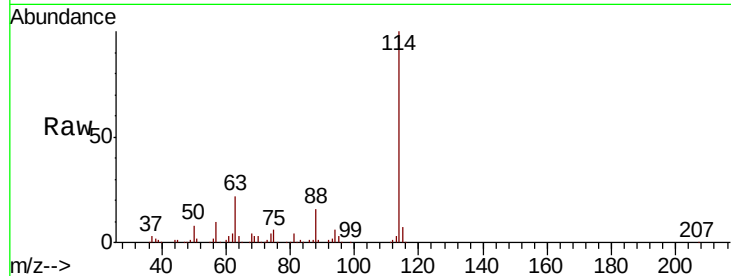




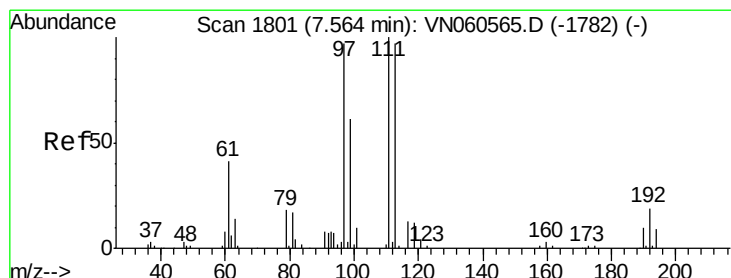
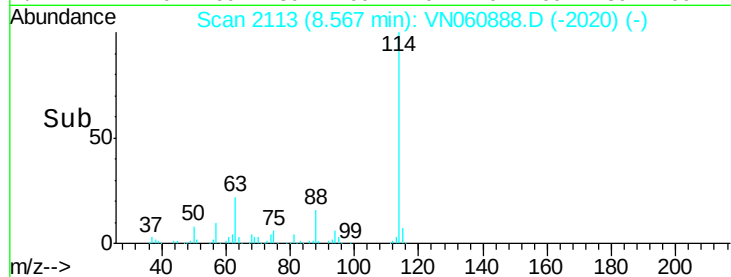
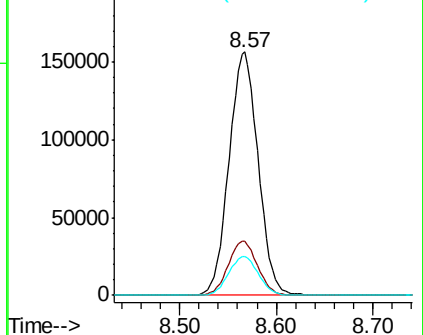
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060888.D
 Acq: 7 Apr 2020 19:27

Instrument :
 MSVOA_N
 ClientSampleId :
 FORMER-OLDEN-AVE-SUB

Tot Ion:114	Resp:	327266
Ion Ratio	Lower	Upper
114 100		
63 22.3	0.0	43.8
88 16.0	0.0	33.0

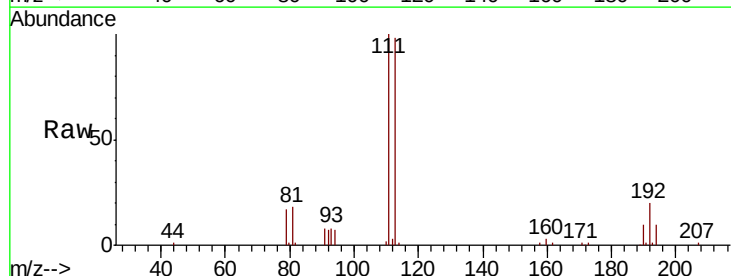


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

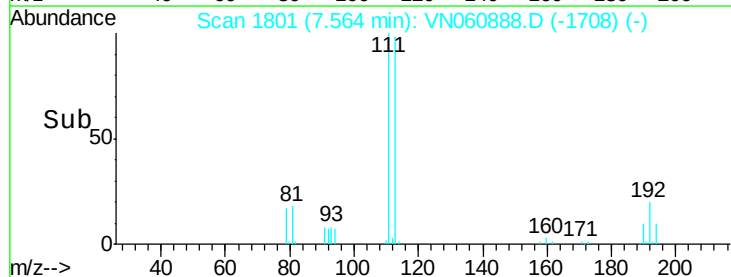
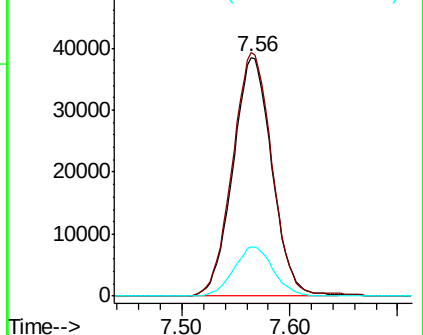


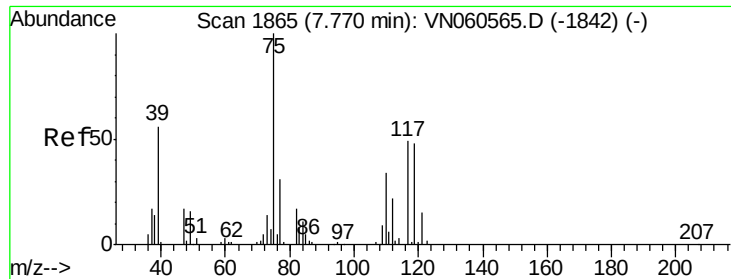
#35
 Dibromofluoromethane
 Concen: 48.929 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060888.D
 Acq: 7 Apr 2020 19:27

Tgt Ion:113	Resp:	96825
Ion Ratio	Lower	Upper
113 100		
111 103.6	82.9	124.3
192 20.8	15.8	23.8



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

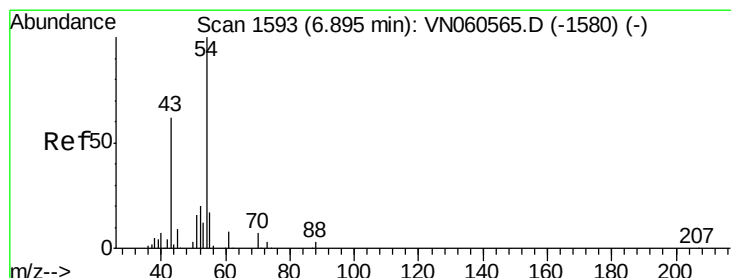
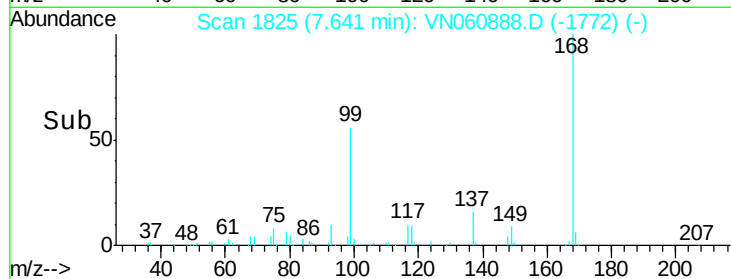
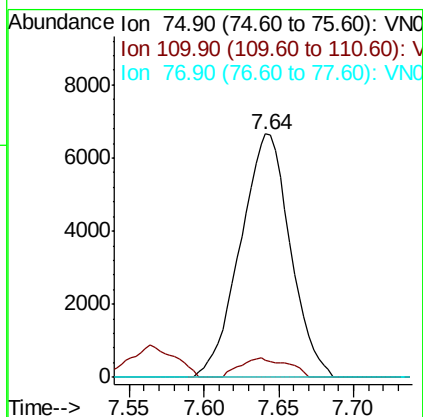
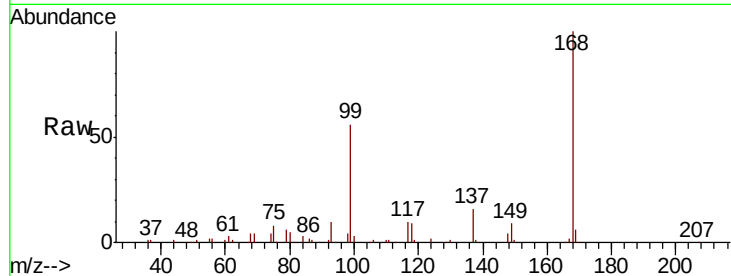




#36
 1,1-Dichloropropene
 Concen: 4.869 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060888.D
 Acq: 7 Apr 2020 19:27

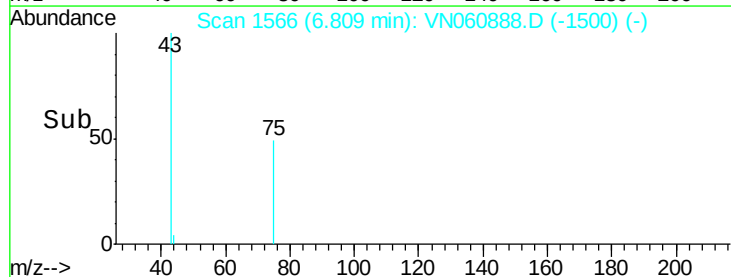
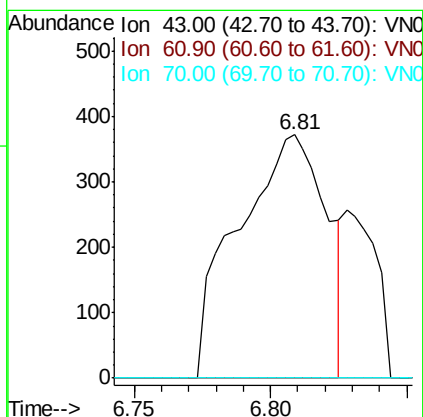
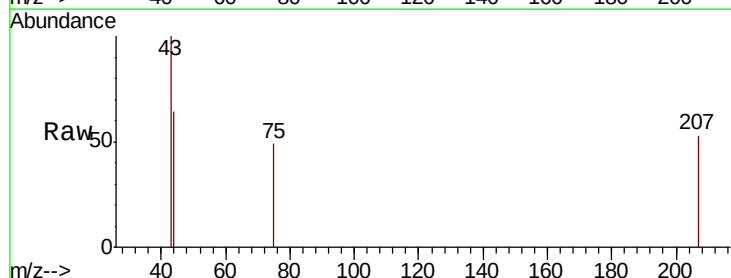
Instrument :
 MSVOA_N
 ClientSampleId :
 FORMER-OLDEN-AVE-SUB

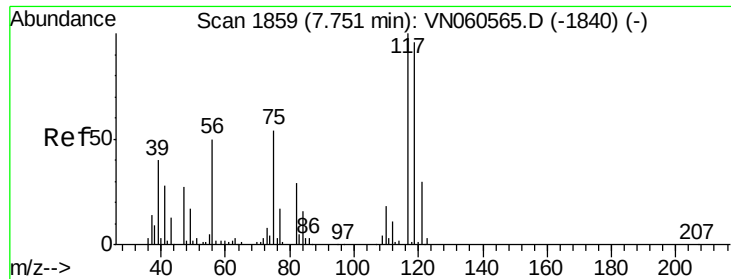
Tot Ion: 75 Resp: 15429
 Ion Ratio Lower Upper
 75 100
 110 7.6 16.9 50.6#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 0.244 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.09 min
 Lab File: VN060888.D
 Acq: 7 Apr 2020 19:27

Tgt Ion: 43 Resp: 835
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.6 15.8#
 70 0.0 7.9 11.9#





#38

Carbon Tetrachloride

Concen: 6.735 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN060888.D

Acq: 7 Apr 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

FORMER-OLDEN-AVE-SUB

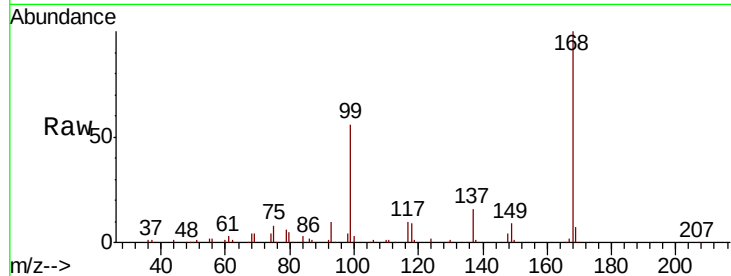
Tot Ion:117 Resp: 19130

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.2#

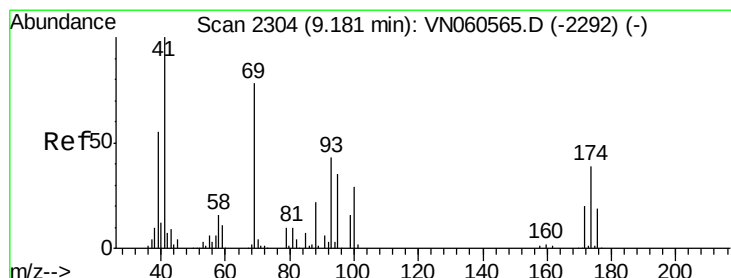
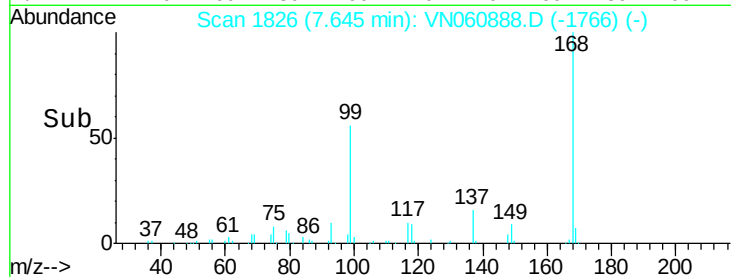
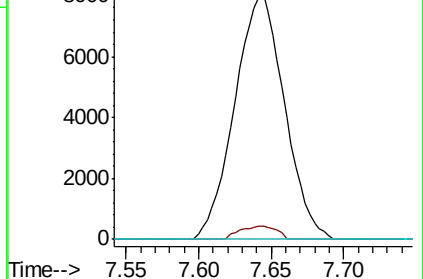
121 0.0 23.7 35.5#



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



#48

Methyl methacrylate

Concen: 0.339 ug/l

RT: 9.15 min Scan# 2294

Delta R.T. -0.03 min

Lab File: VN060888.D

Acq: 7 Apr 2020 19:27

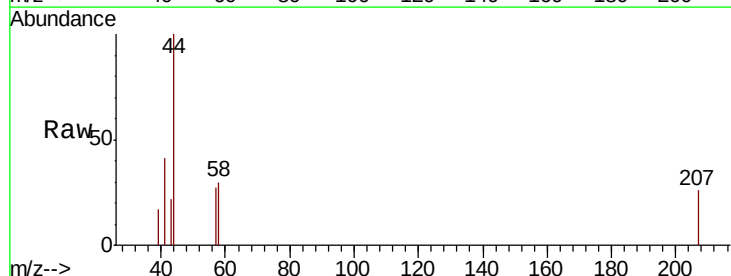
Tgt Ion: 41 Resp: 852

Ion Ratio Lower Upper

41 100

69 0.0 65.4 98.0#

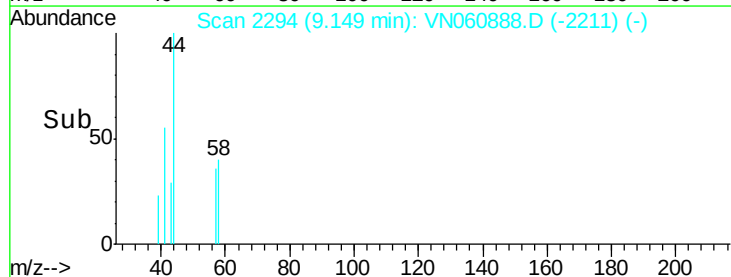
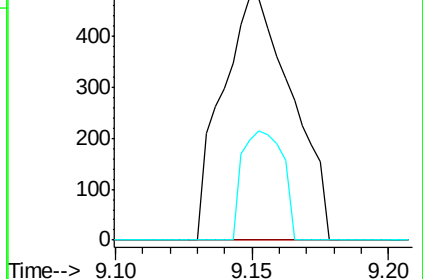
39 25.6 44.0 66.0#

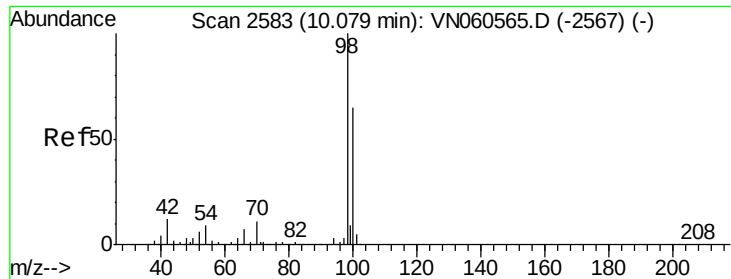


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: 49.727 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060888.D

Acq: 7 Apr 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

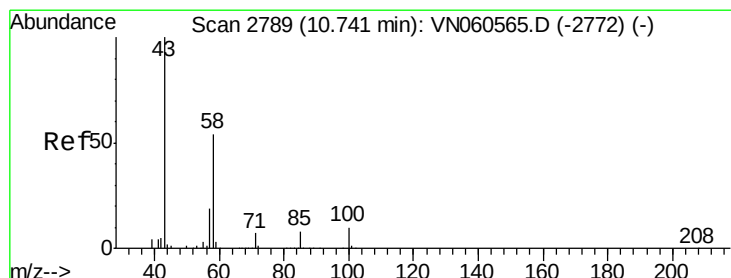
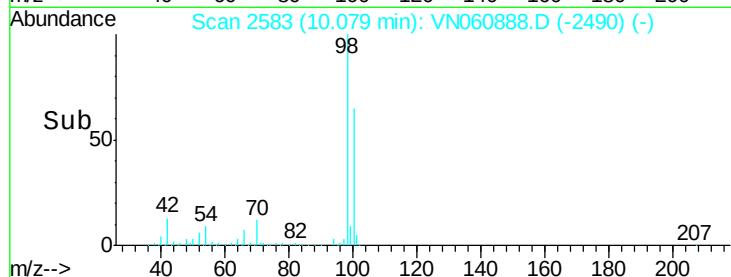
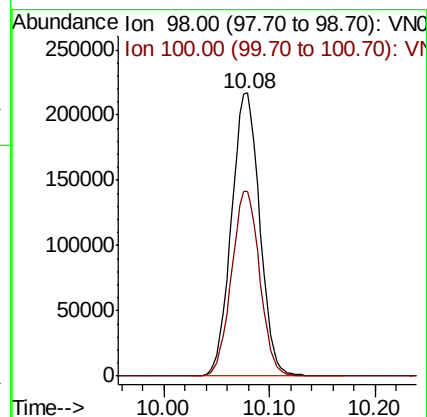
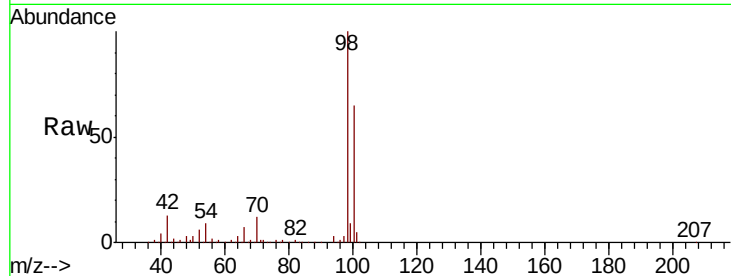
FORMER-OLDEN-AVE-SUB

Tot Ion: 98 Resp: 401939

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8



#59

2-Hexanone

Concen: 1.973 ug/l

RT: 10.84 min Scan# 2821

Delta R.T. 0.10 min

Lab File: VN060888.D

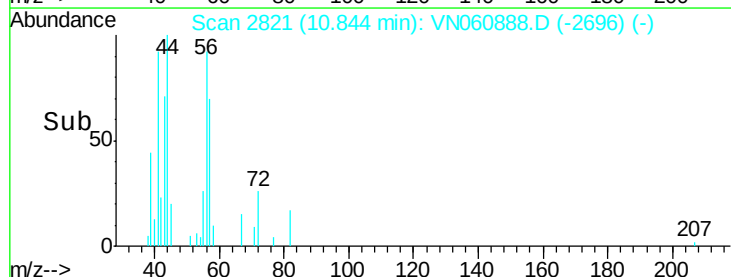
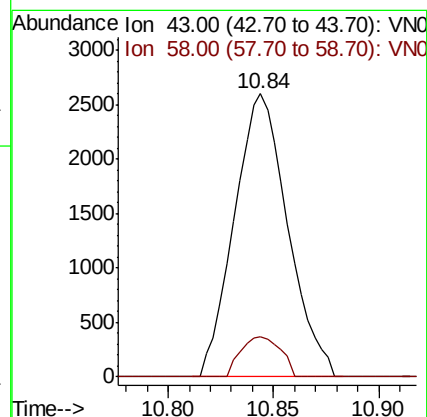
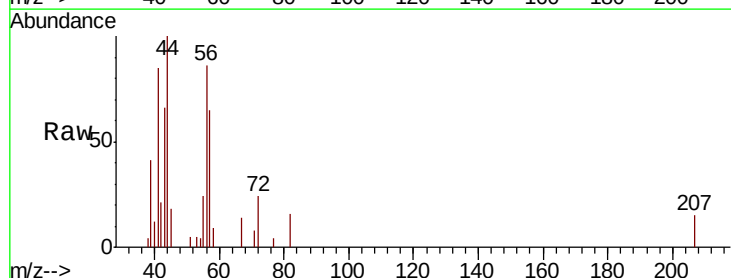
Acq: 7 Apr 2020 19:27

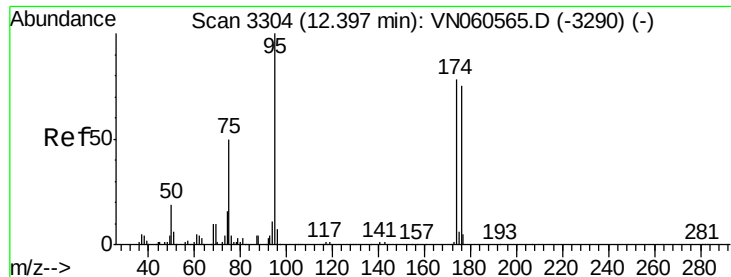
Tgt Ion: 43 Resp: 4566

Ion Ratio Lower Upper

43 100

58 10.6 26.7 80.1#





#62

4-Bromofluorobenzene

Concen: 50.529 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060888.D

Acq: 7 Apr 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

FORMER-OLDEN-AVE-SUB

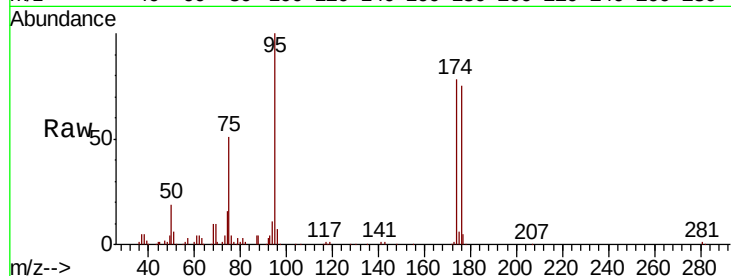
Tot Ion: 95 Resp: 149682

Ion Ratio Lower Upper

95 100

174 79.1 0.0 157.6

176 76.6 0.0 150.6



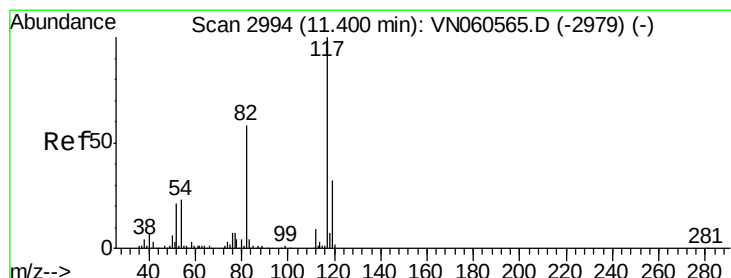
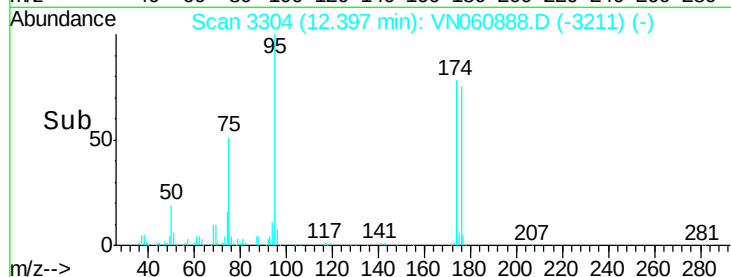
Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.40

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060888.D

Acq: 7 Apr 2020 19:27

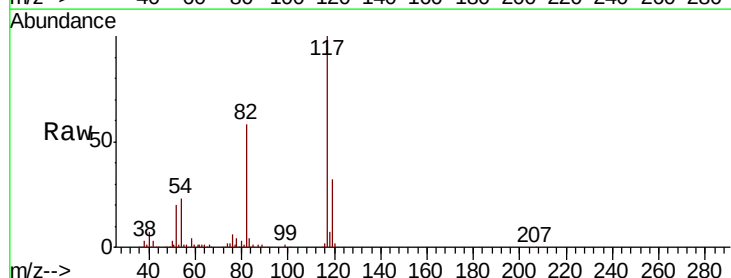
Tgt Ion: 117 Resp: 307279

Ion Ratio Lower Upper

117 100

82 58.3 46.7 70.1

119 32.4 25.5 38.3



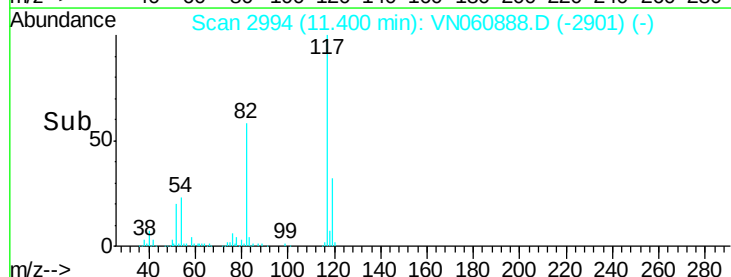
Abundance Ion 116.90 (116.60 to 117.60): VN0

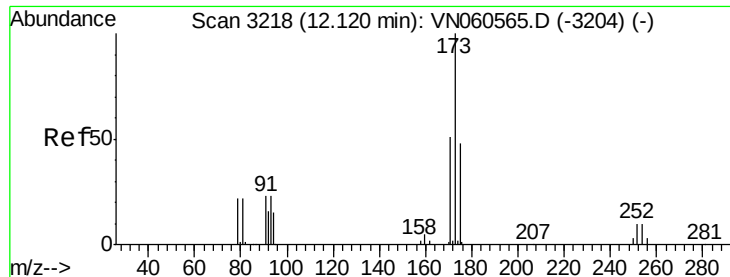
Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.40

Time--> 11.30 11.40 11.50

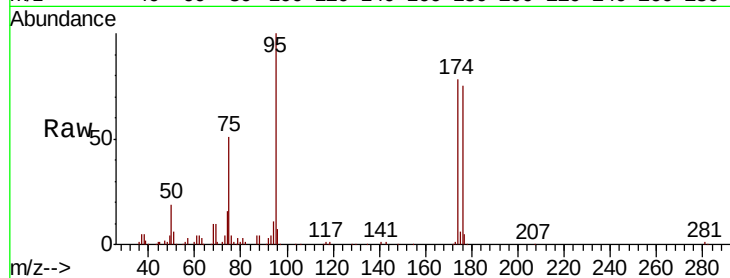




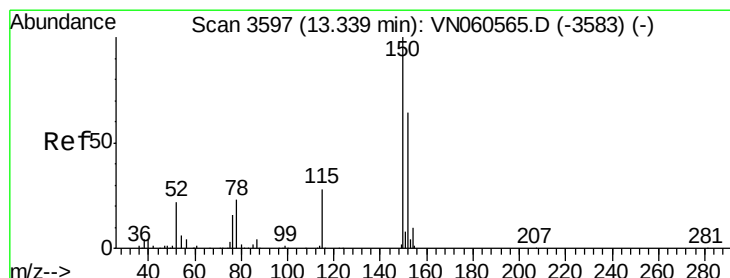
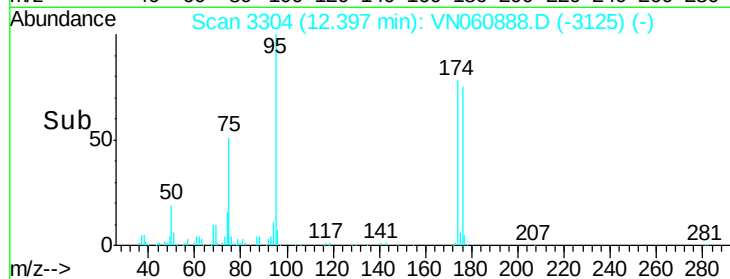
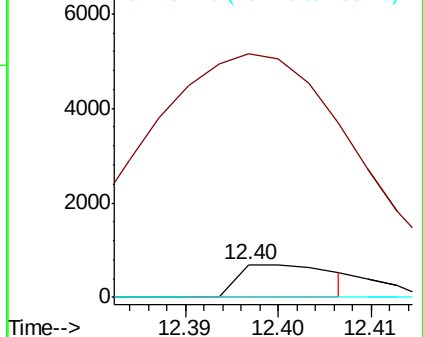
#71
Bromoform
Concen: 1.941 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN060888.D
Acq: 7 Apr 2020 19:27

Instrument :
MSVOA_N
ClientSampleId :
FORMER-OLDEN-AVE-SUB

Tot Ion:173 Resp: 495
Ion Ratio Lower Upper
173 100
175 1516.6 24.1 72.4#
254 0.0 0.0 0.0

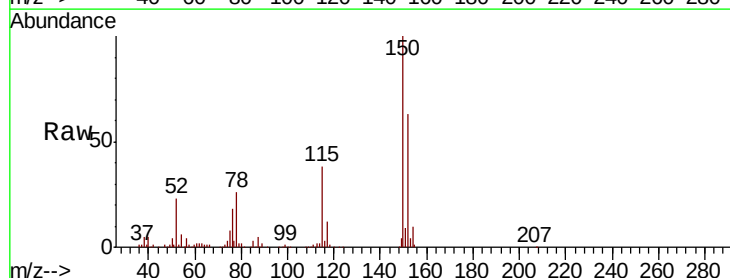


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

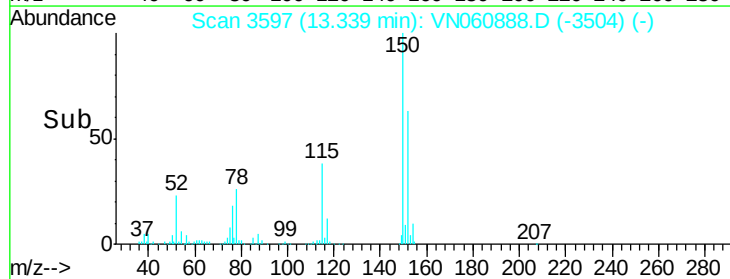
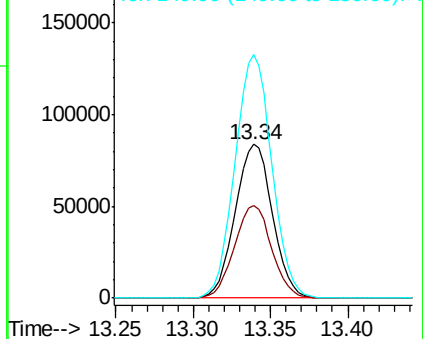


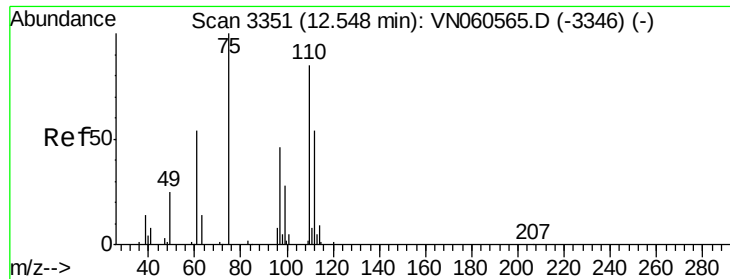
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060888.D
Acq: 7 Apr 2020 19:27

Tgt Ion:152 Resp: 140010
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 156.6 0.0 350.2



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

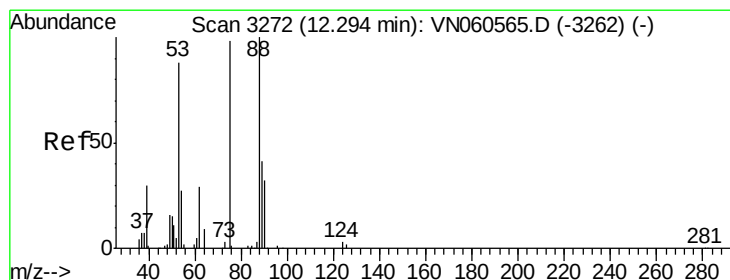
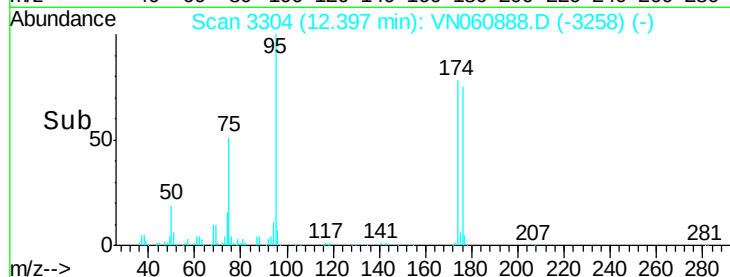
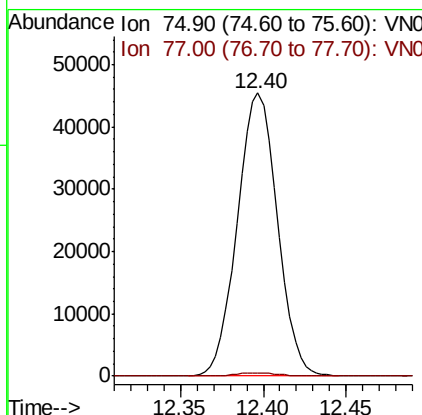
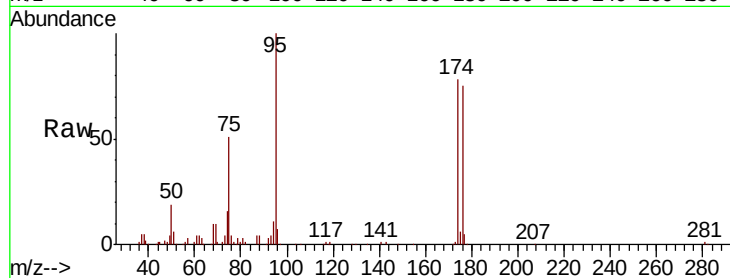




#76
 1,2,3-Trichloropropane
 Concen: 25.297 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN060888.D
 Acq: 7 Apr 2020 19:27

Instrument :
 MSVOA_N
 ClientSampleId :
 FORMER-OLDEN-AVE-SUB

Tot Ion: 75 Resp: 76426
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.971 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN060888.D
 Acq: 7 Apr 2020 19:27

Tgt Ion: 75 Resp: 76426
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.4#
 89 0.0 34.8 52.2#

