

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063480.D
 Acq On : 21 Sep 2020 12:58
 Operator : JC/MD
 Sample : L3976-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BSY-WC-WATER-DRUM

Quant Time: Sep 22 07:18:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

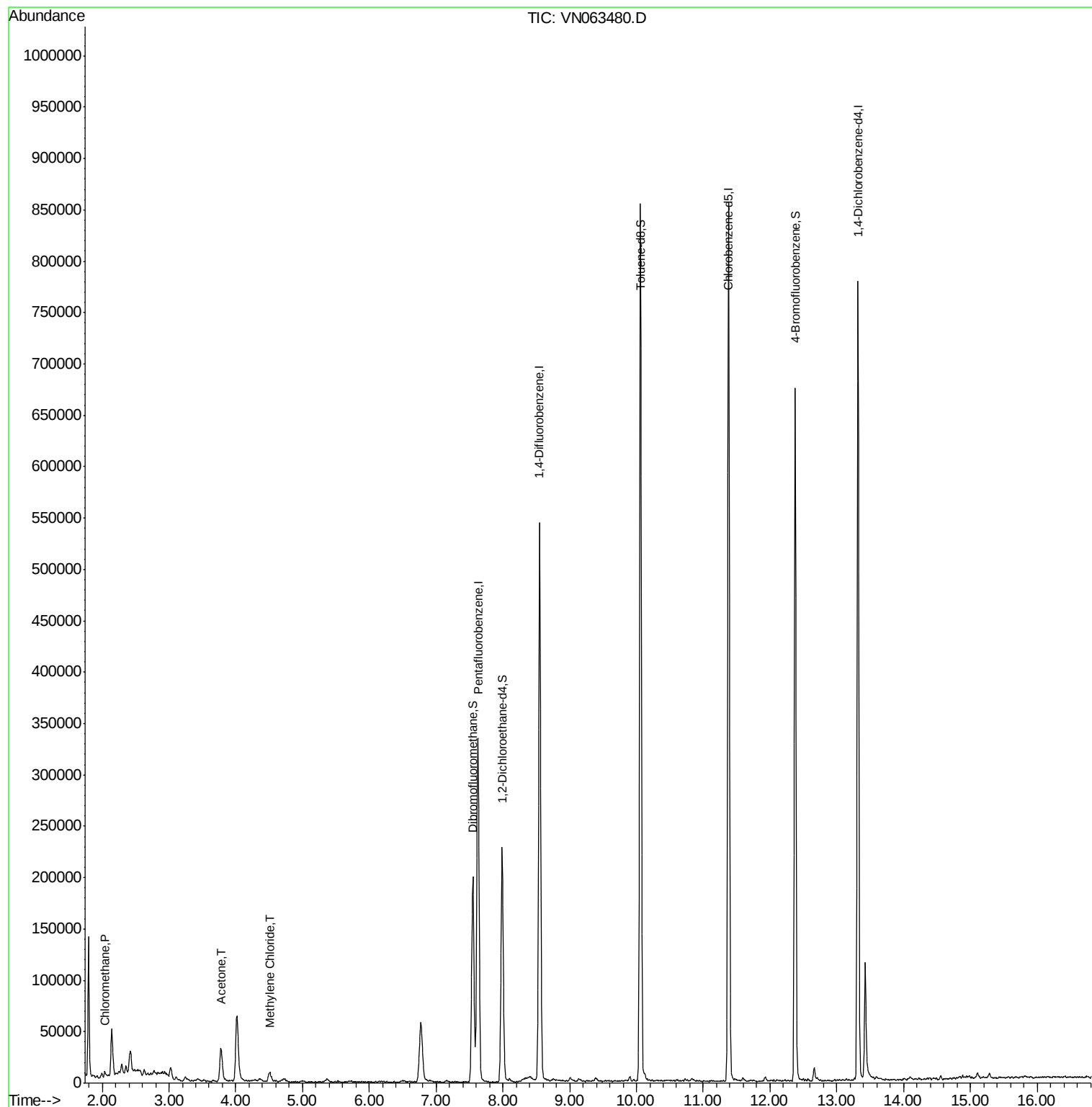
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	246082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	450583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	197410	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
35) Dibromofluoromethane	7.55	113	145612	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
50) Toluene-d8	10.06	98	579798	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.38	95	229343	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
Target Compounds						
3) Chloromethane	2.04	50	3921	1.063	ug/l	95
16) Acetone	3.78	43	59007	43.830	ug/l	99
20) Methylene Chloride	4.51	84	6663	1.953	ug/l	83

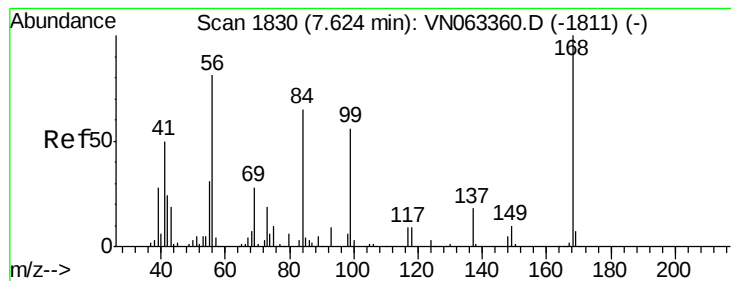
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063480.D

Acq: 21 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

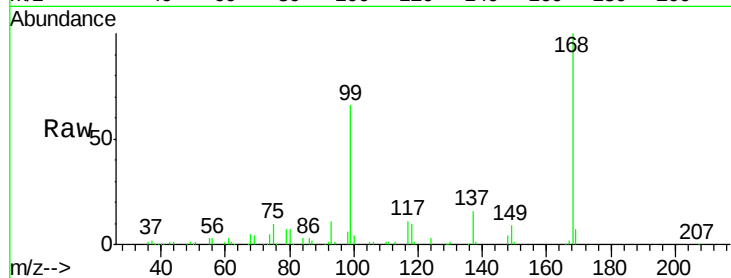
BSY-WC-WATER-DRUM

Tot Ion:168 Resp: 246082

Ion Ratio Lower Upper

168 100

99 65.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): VN063480.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN063480.D (-1737) (-)

7.63

120000

100000

80000

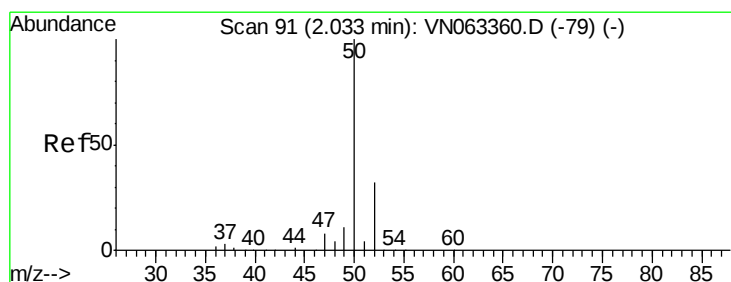
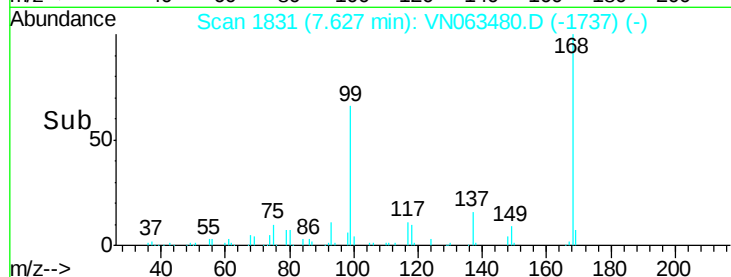
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 1.063 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063480.D

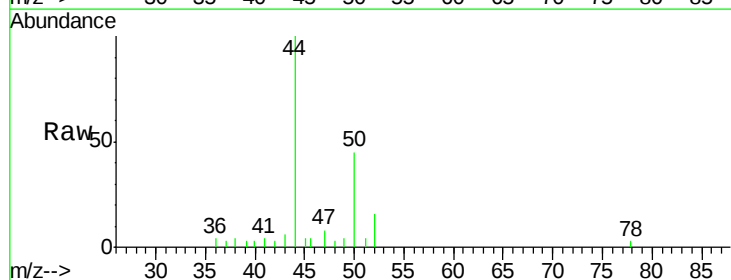
Acq: 21 Sep 2020 12:58

Tgt Ion: 50 Resp: 3921

Ion Ratio Lower Upper

50 100

52 35.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN063480.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063480.D (-1) (-)

2.04

2500

2000

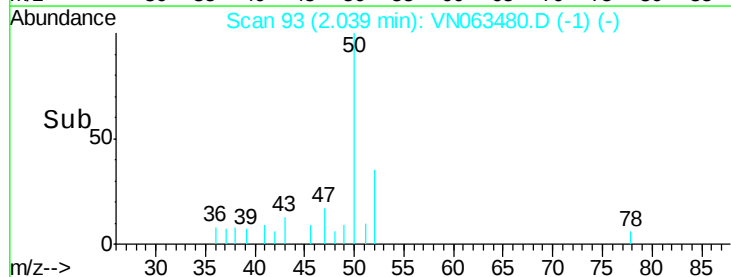
1500

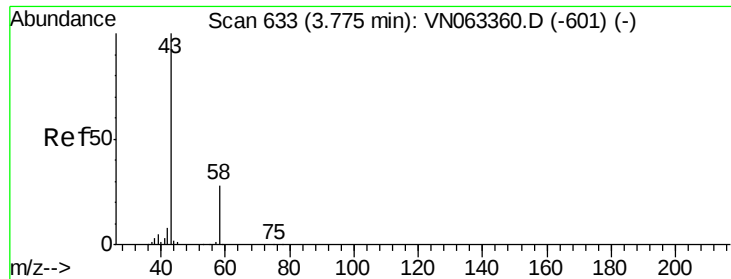
1000

500

0

Time--> 2.00 2.05





#16

Acetone

Concen: 43.830 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063480.D

Acq: 21 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

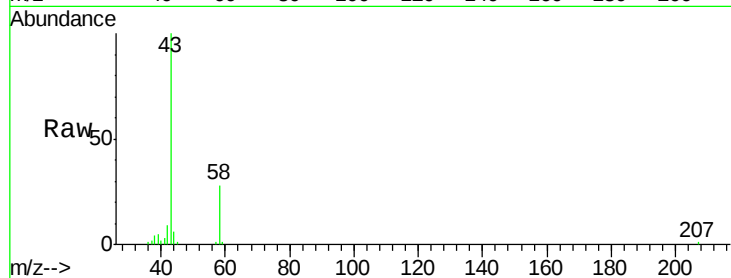
BSY-WC-WATER-DRUM

Tot Ion: 43 Resp: 59007

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

3.78

20000

15000

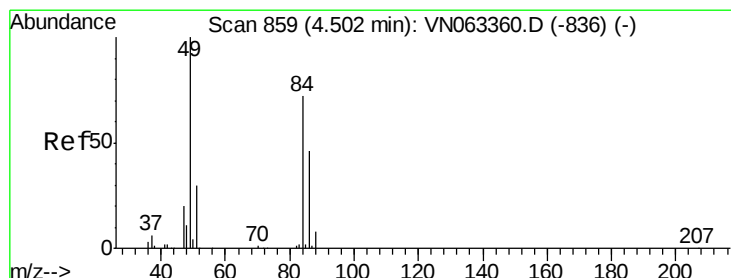
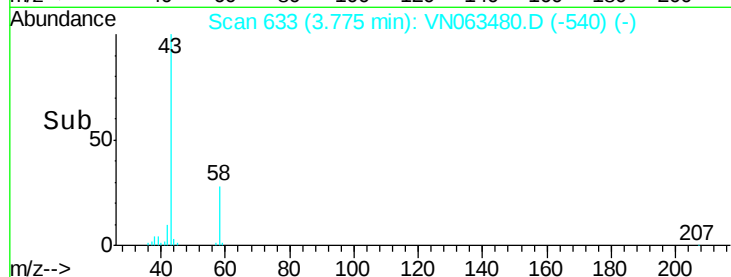
10000

5000

0

3.70 3.80 3.90

Time-->



#20

Methylene Chloride

Concen: 1.953 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063480.D

Acq: 21 Sep 2020 12:58

Tgt Ion: 84 Resp: 6663

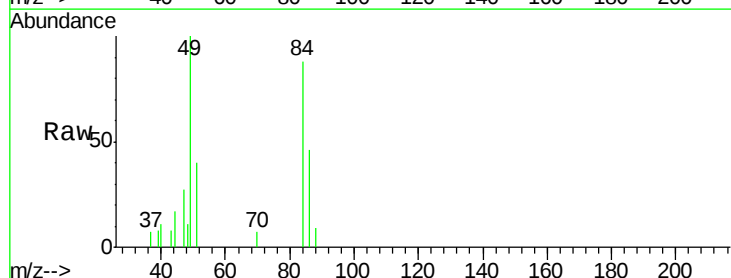
Ion Ratio Lower Upper

84 100

49 113.8 110.7 166.1

51 45.0 32.9 49.3

86 51.9 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VN063360.D (-836) (-)

Ion 48.90 (48.60 to 49.60): VN063360.D (-836) (-)

Ion 50.90 (50.60 to 51.60): VN063360.D (-836) (-)

Ion 85.90 (85.60 to 86.60): VN063360.D (-836) (-)

4.51

4000

3000

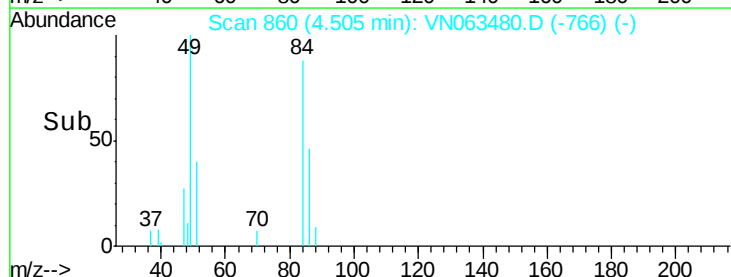
2000

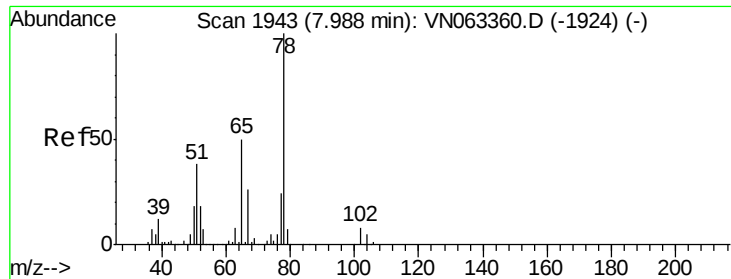
1000

0

4.40 4.45 4.50 4.55 4.60

Time-->

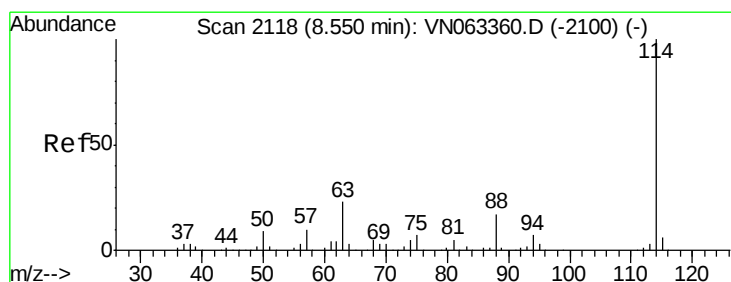
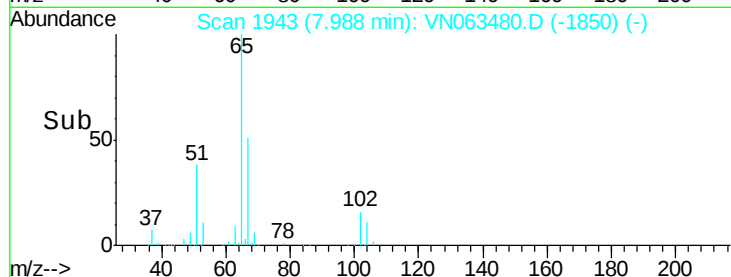
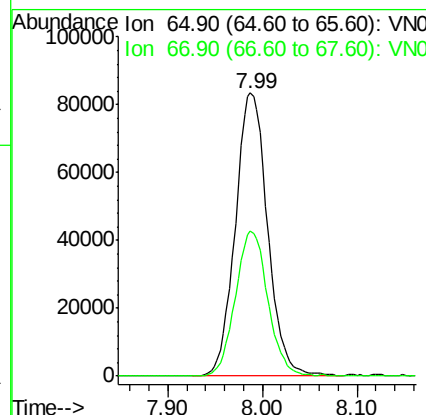
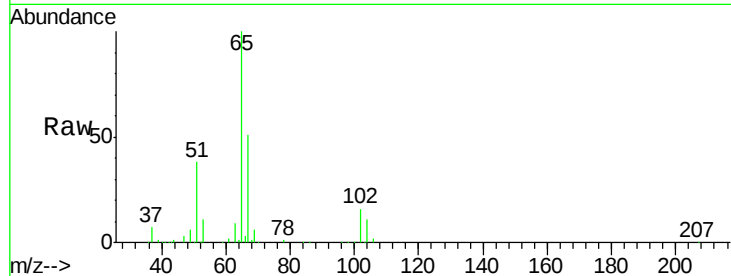




#33
 1,2-Dichloroethane-d4
 Concen: 47.126 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063480.D
 Acq: 21 Sep 2020 12:58

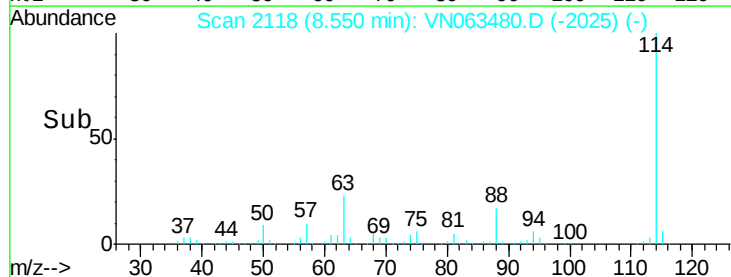
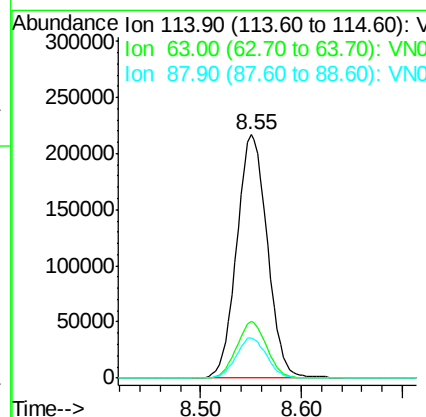
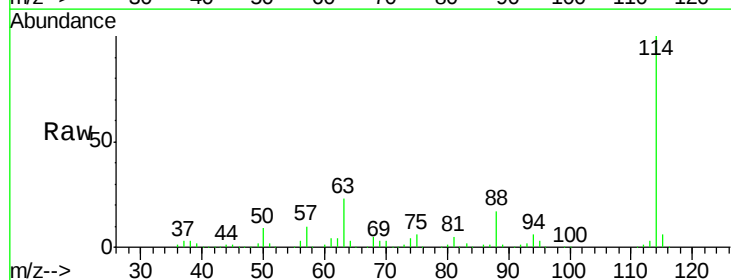
Instrument :
 MSVOA_N
 ClientSampleId :
 BSY-WC-WATER-DRUM

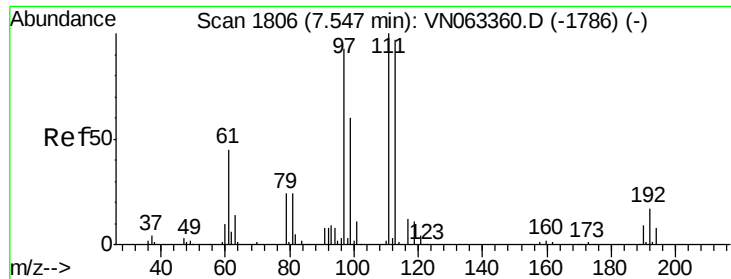
Tot Ion: 65 Resp: 197410
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063480.D
 Acq: 21 Sep 2020 12:58

Tgt Ion: 114 Resp: 457637
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.4
 88 16.7 0.0 33.2

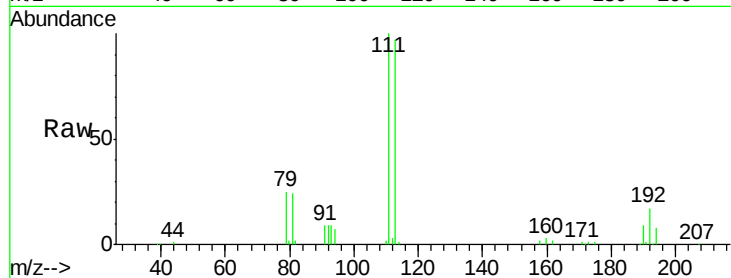




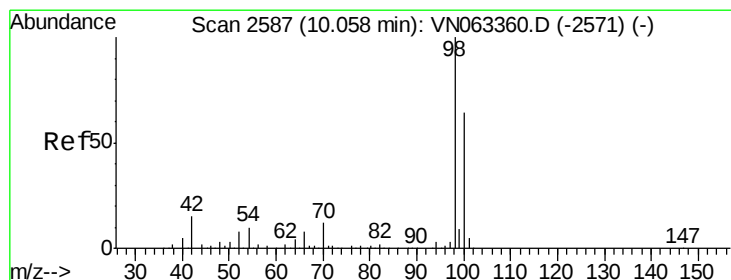
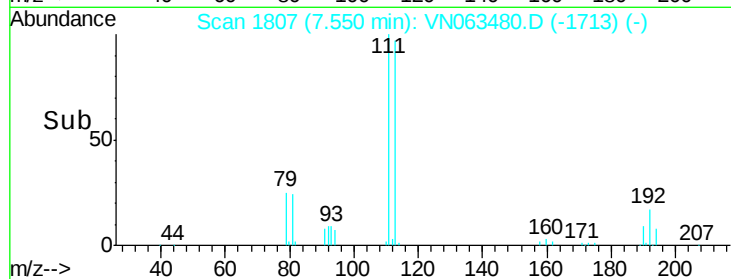
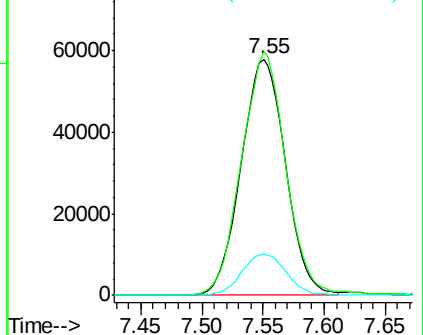
#35
 Dibromofluoromethane
 Concen: 45.962 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063480.D
 Acq: 21 Sep 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 BSY-WC-WATER-DRUM

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	17.5	13.9	20.9

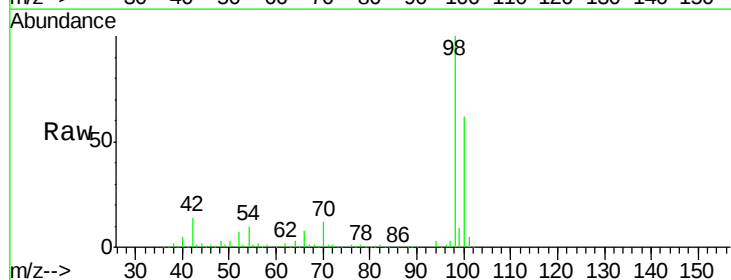


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

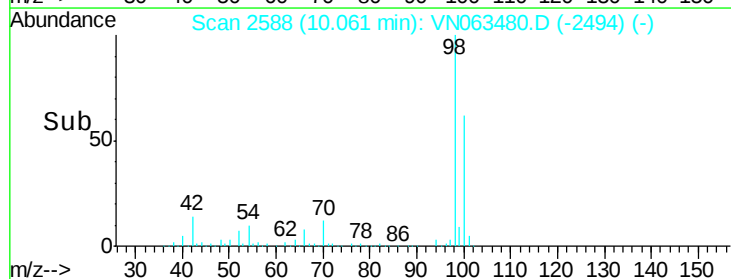
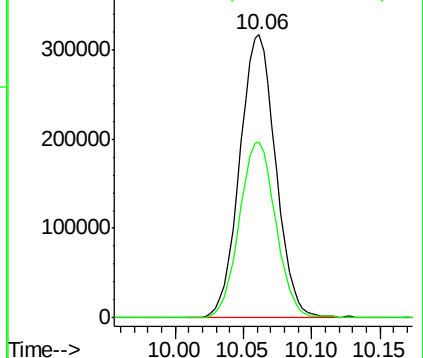


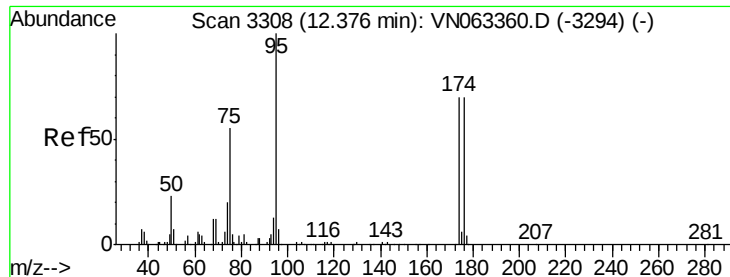
#50
 Toluene-d8
 Concen: 48.670 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063480.D
 Acq: 21 Sep 2020 12:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.7	76.1



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN

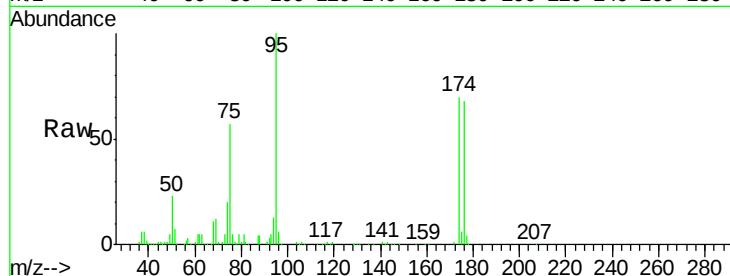




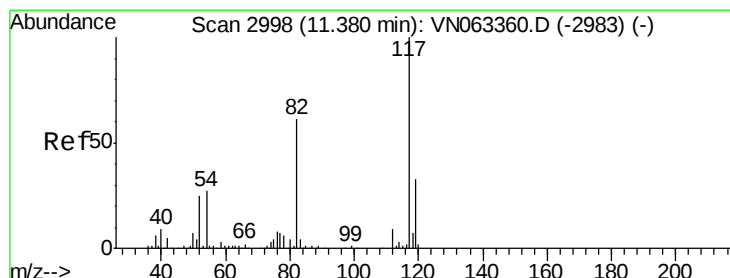
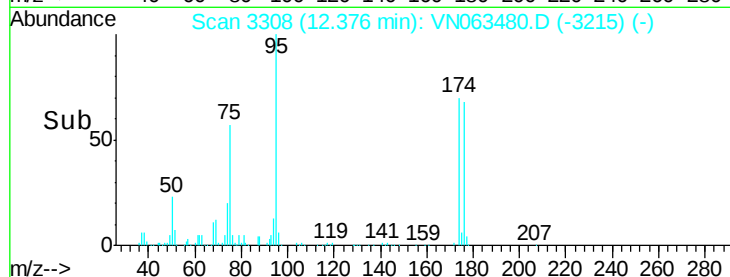
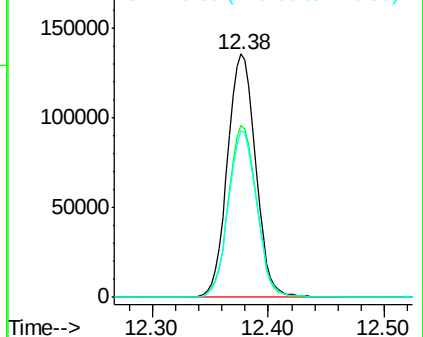
#62
4-Bromofluorobenzene
Concen: 52.517 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063480.D
Acq: 21 Sep 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
BSY-WC-WATER-DRUM

Tot Ion: 95 Resp: 229343
Ion Ratio Lower Upper
95 100
174 70.3 0.0 140.8
176 68.6 0.0 137.6

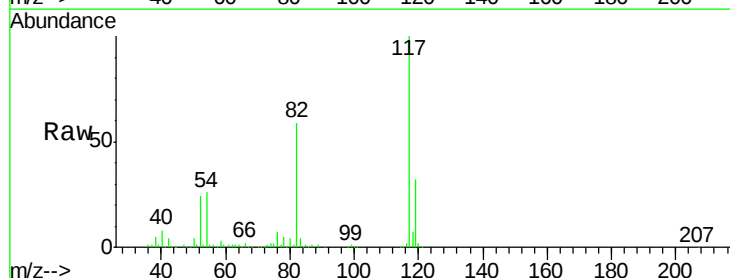


Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)
Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)
Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

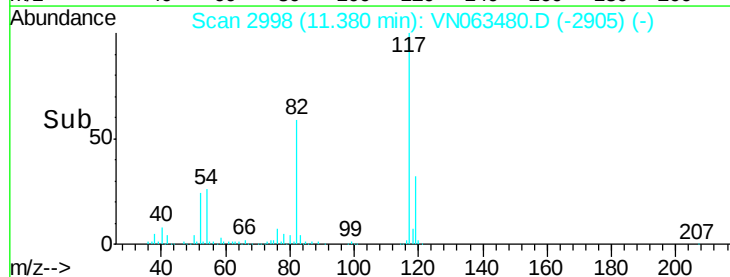
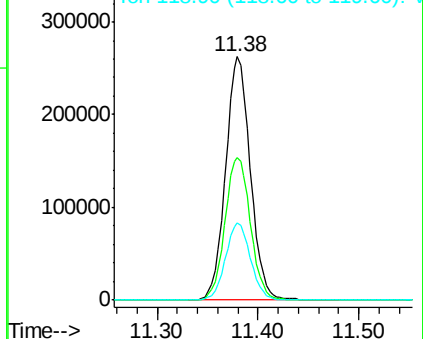


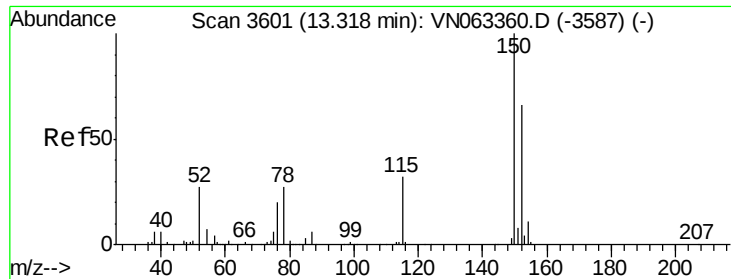
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063480.D
Acq: 21 Sep 2020 12:58

Tgt Ion: 117 Resp: 450583
Ion Ratio Lower Upper
117 100
82 58.7 49.2 73.8
119 31.5 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)
Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)
Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063480.D

Acq: 21 Sep 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

BSY-WC-WATER-DRUM

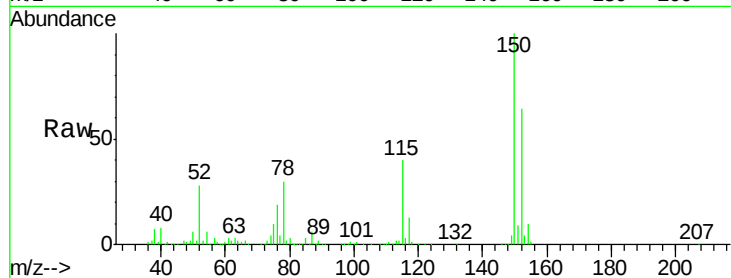
Tot Ion:152 Resp: 188843

Ion Ratio Lower Upper

152 100

115 64.0 32.2 96.6

150 158.2 0.0 343.4



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

