

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063491.D
 Acq On : 21 Sep 2020 17:20
 Operator : JC/MD
 Sample : L4033-03 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40957

Quant Time: Sep 22 04:04:59 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

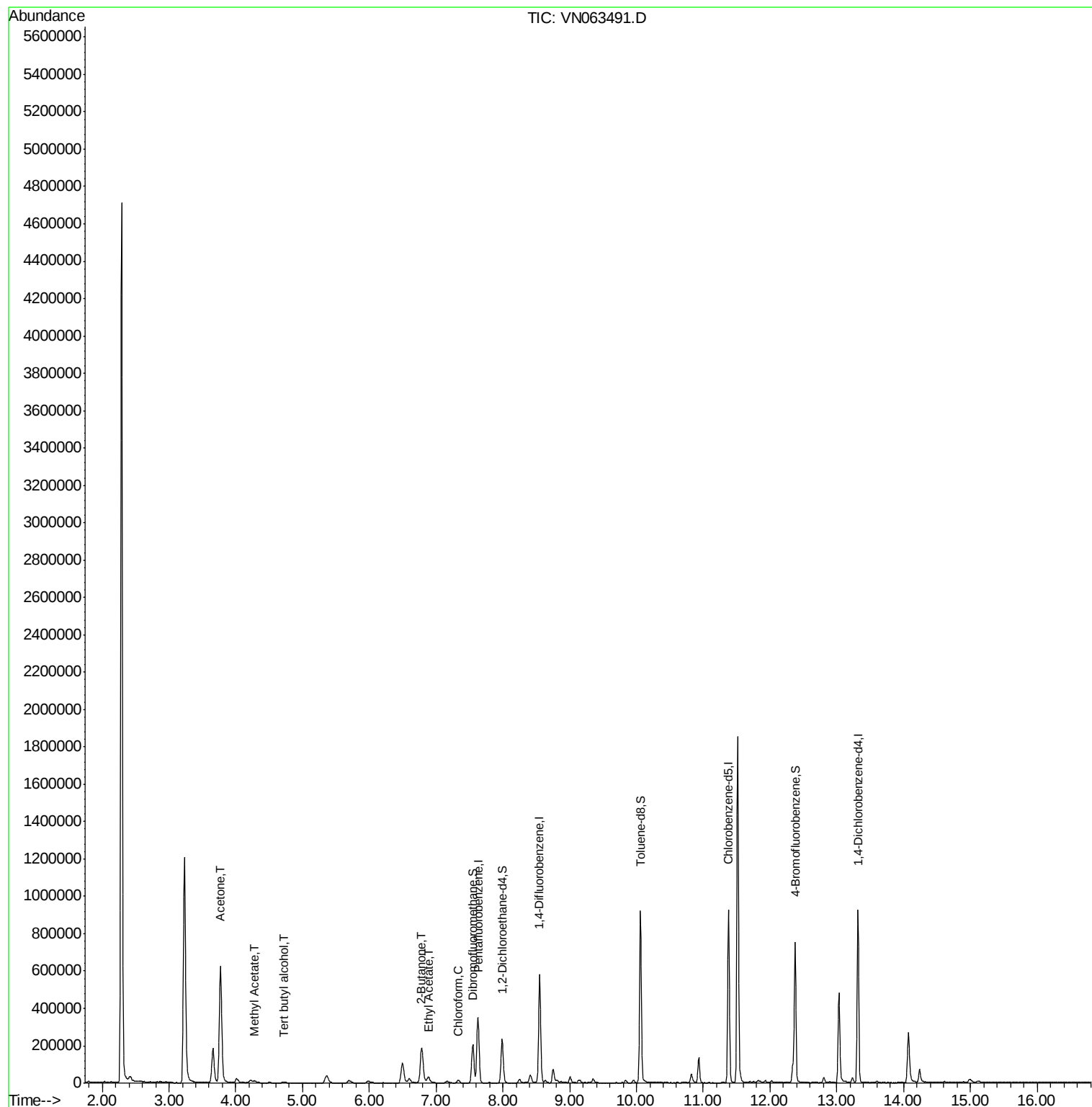
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	262084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	481935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	485872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	223288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	208967	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
35) Dibromofluoromethane	7.55	113	152610	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
50) Toluene-d8	10.06	98	621324	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.38	95	257504	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.98%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.72	59	7188	11.630	ug/l #	90
16) Acetone	3.77	43	1057364	737.452	ug/l	99
18) Methyl Acetate	4.28	43	18648	5.123	ug/l	99
25) 2-Butanone	6.78	43	320338	145.267	ug/l	98
30) Chloroform	7.33	83	13133	2.010	ug/l	99
37) Ethyl Acetate	6.88	43	51642	10.248	ug/l #	84

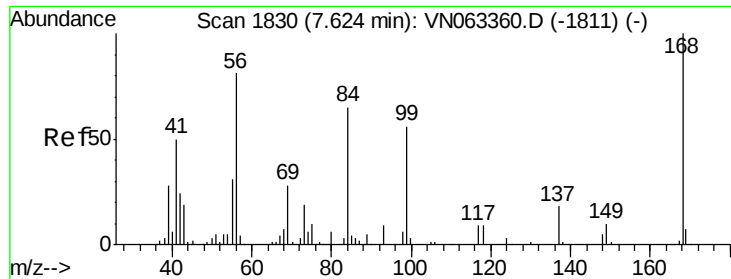
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
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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: VN063491.D

Acq: 21 Sep 2020 17:20

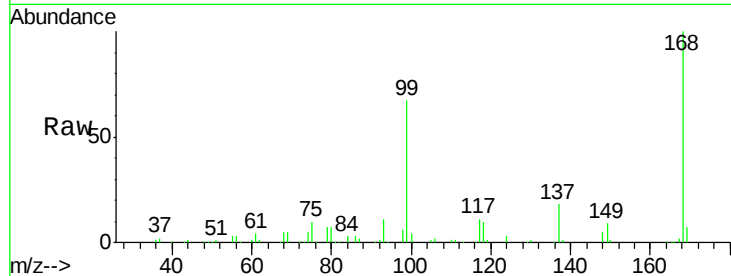
Instrument :
MSVOA_N
ClientSampleId :
40957

Tot Ion:168 Resp: 262084

Ion Ratio Lower Upper

168 100

99 67.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

60000

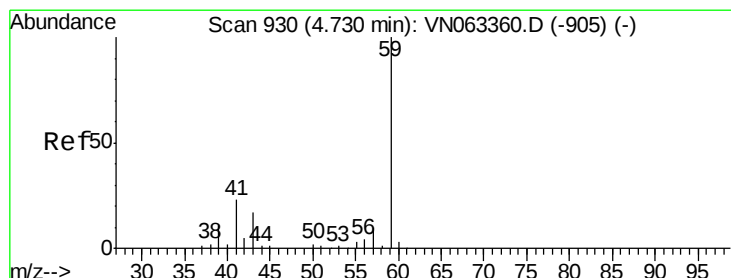
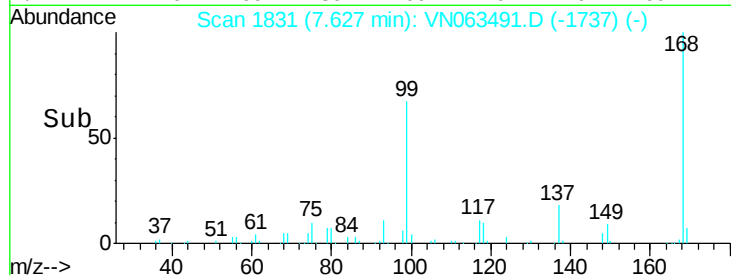
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 11.630 ug/l

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN063491.D

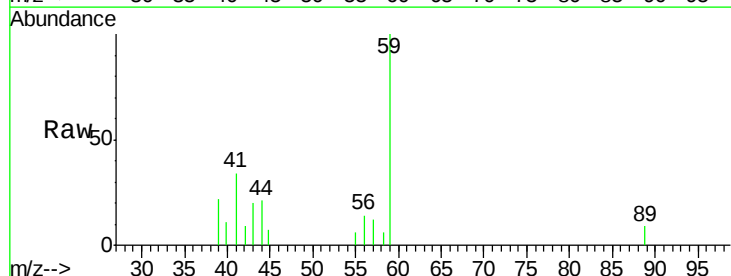
Acq: 21 Sep 2020 17:20

Tgt Ion: 59 Resp: 7188

Ion Ratio Lower Upper

59 100

57 6.8 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.72

2500

2000

1500

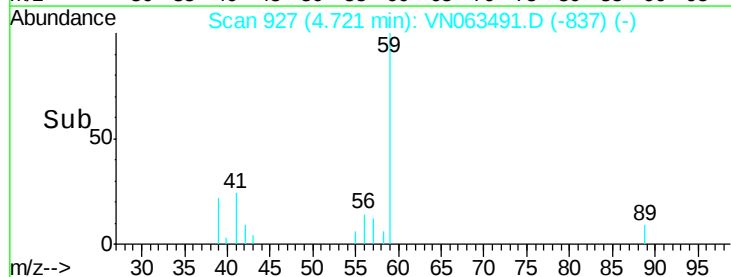
1000

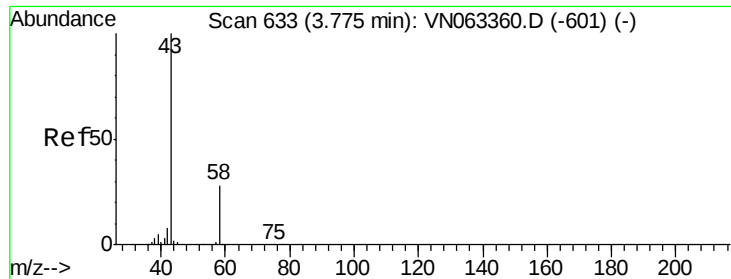
500

0

Time-->

4.65 4.70 4.75 4.80





#16

Acetone

Concen: 737.452 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063491.D

Acq: 21 Sep 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

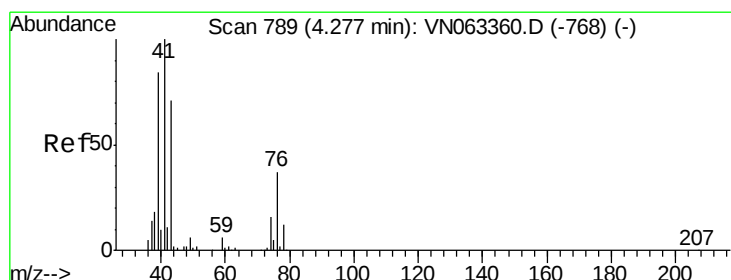
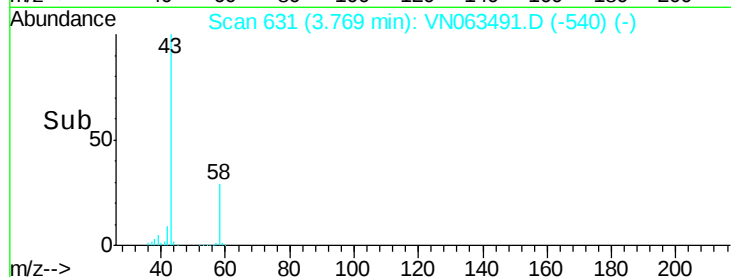
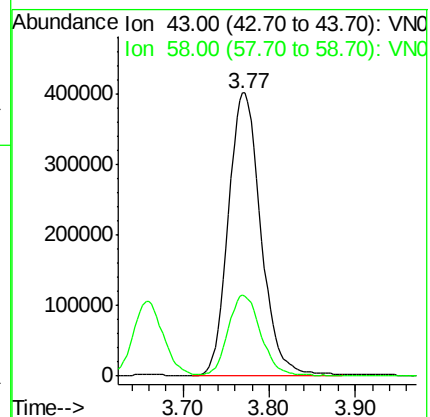
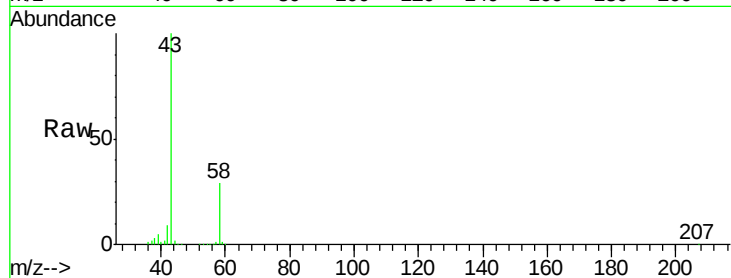
40957

Tot Ion: 43 Resp: 1057364

Ion Ratio Lower Upper

43 100

58 28.6 22.3 33.5



#18

Methyl Acetate

Concen: 5.123 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063491.D

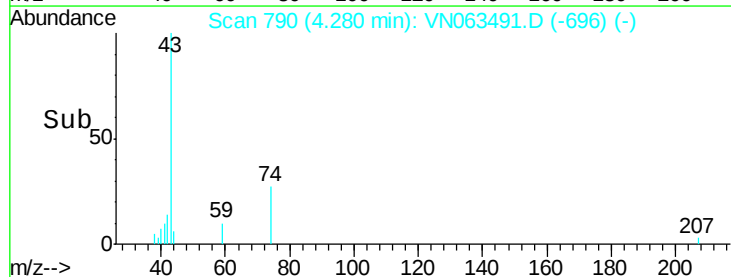
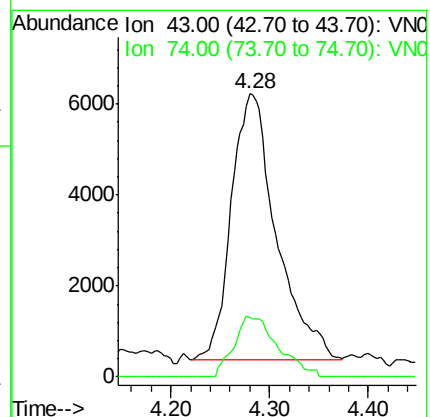
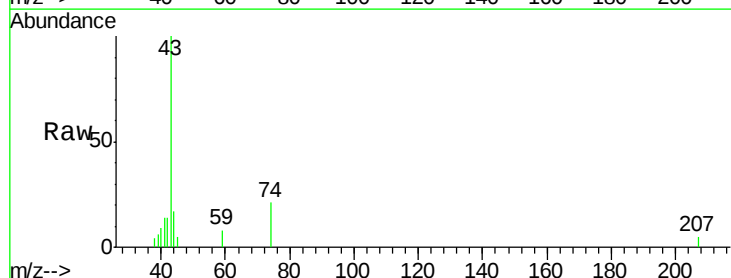
Acq: 21 Sep 2020 17:20

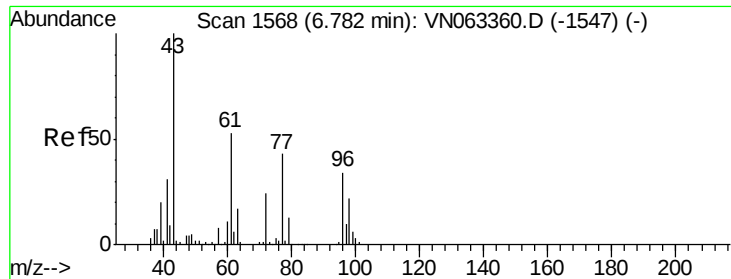
Tgt Ion: 43 Resp: 18648

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.2

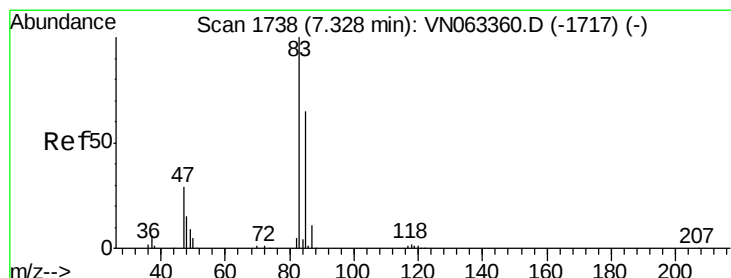
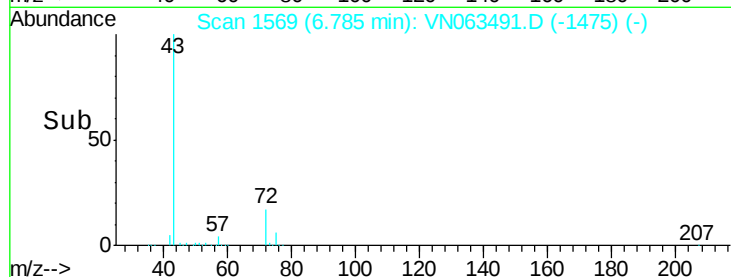
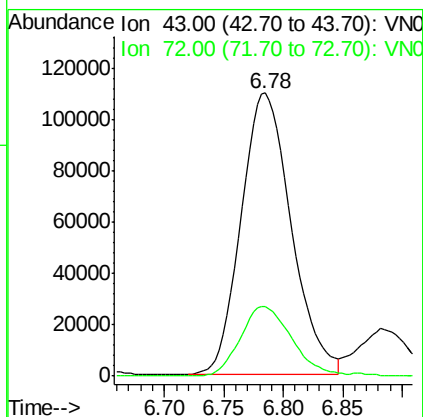
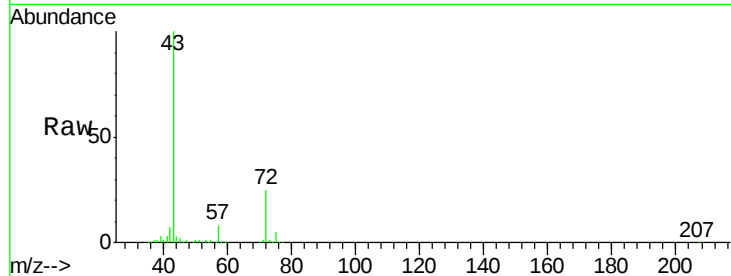




#25
2-Butanone
Concen: 145.267 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063491.D
Acq: 21 Sep 2020 17:20

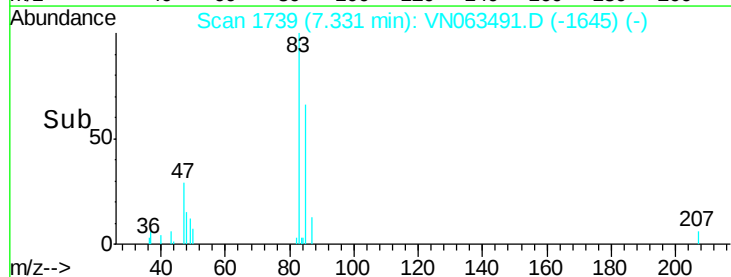
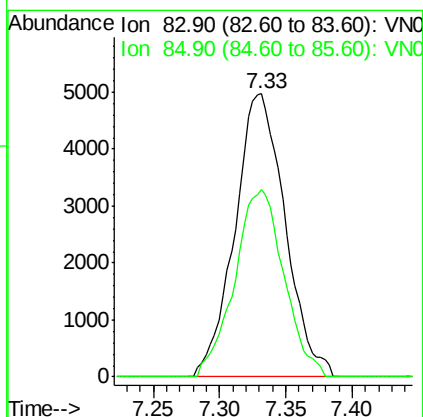
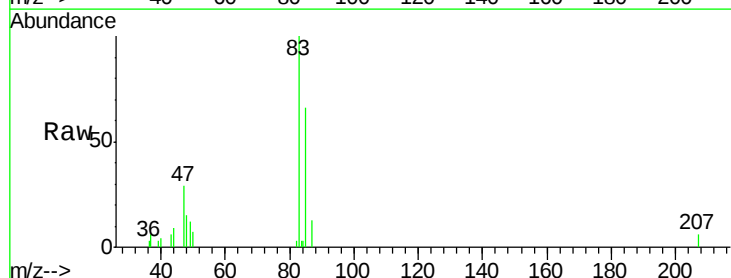
Instrument :
MSVOA_N
ClientSampled :
40957

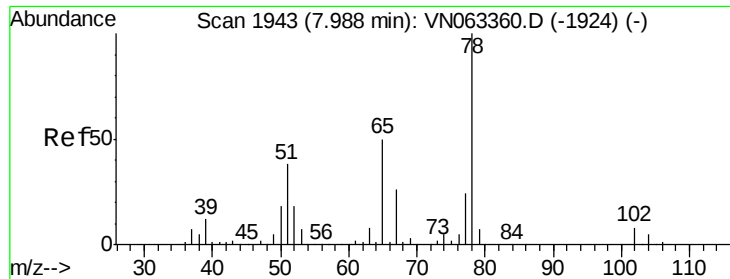
Tot Ion: 43 Resp: 320338
Ion Ratio Lower Upper
43 100
72 24.8 19.2 28.8



#30
Chloroform
Concen: 2.010 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063491.D
Acq: 21 Sep 2020 17:20

Tgt Ion: 83 Resp: 13133
Ion Ratio Lower Upper
83 100
85 66.2 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 46.839 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063491.D

Acq: 21 Sep 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

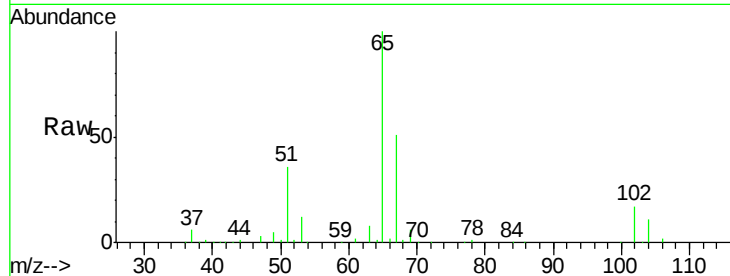
40957

Tot Ion: 65 Resp: 208967

Ion Ratio Lower Upper

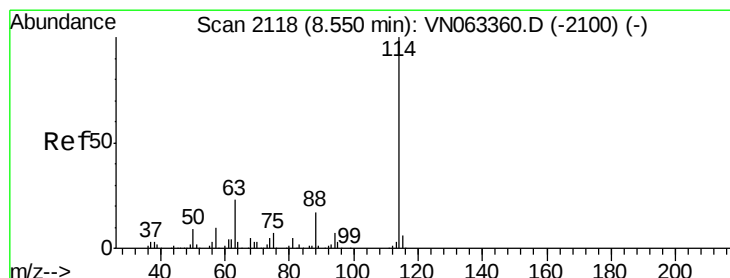
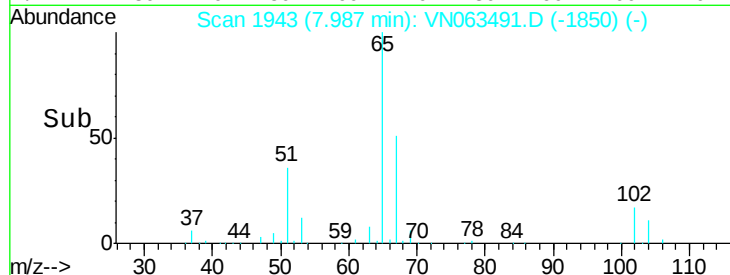
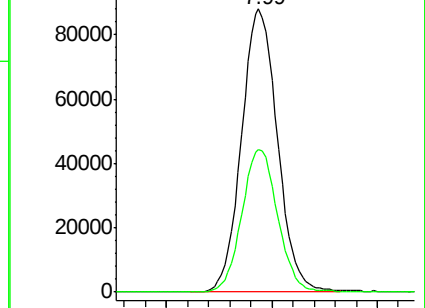
65 100

67 50.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063491.D

Acq: 21 Sep 2020 17:20

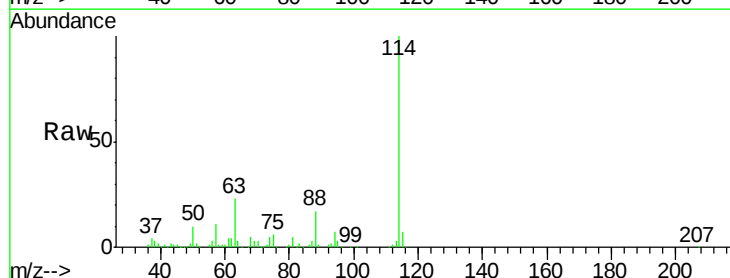
Tgt Ion: 114 Resp: 481935

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.4

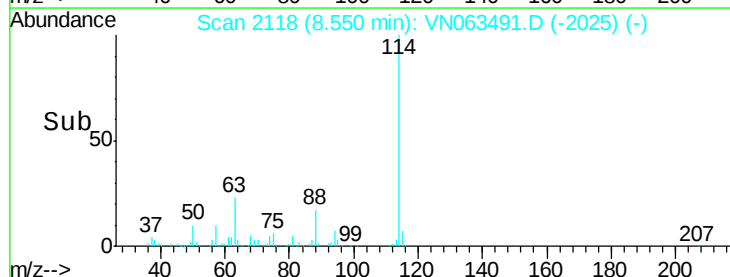
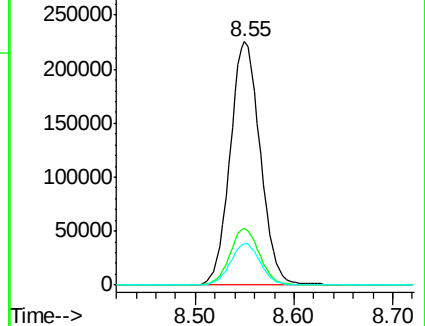
88 16.9 0.0 33.2

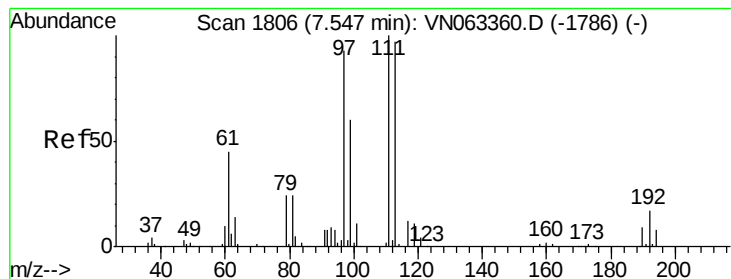


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)





#35

Dibromofluoromethane

Concen: 45.742 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063491.D

Acq: 21 Sep 2020 17:20

Instrument :

MSVOA_N

ClientSampled :

40957

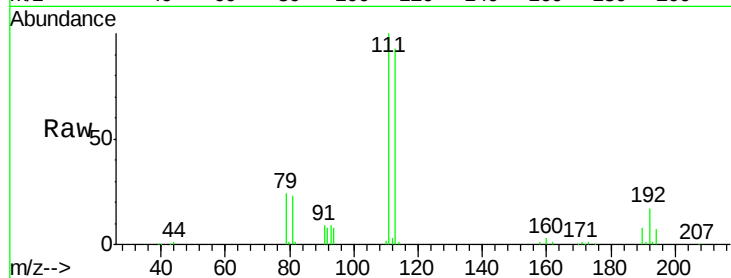
Tot Ion:113 Resp: 152610

Ion Ratio Lower Upper

113 100

111 105.3 82.9 124.3

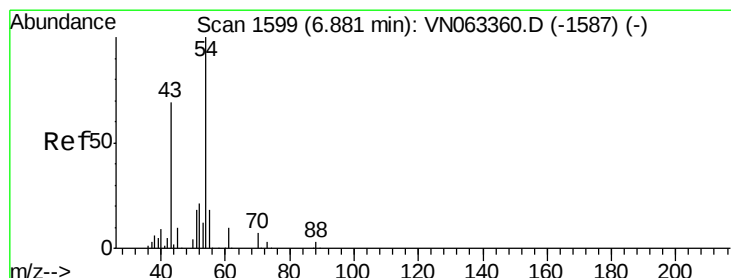
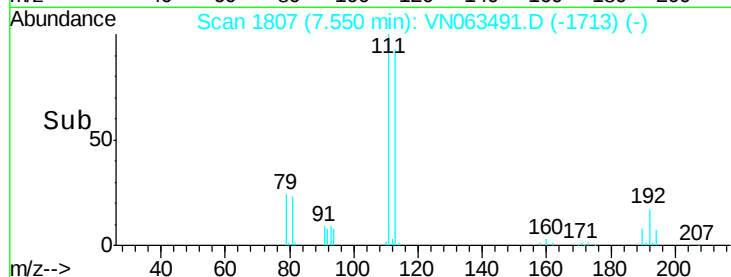
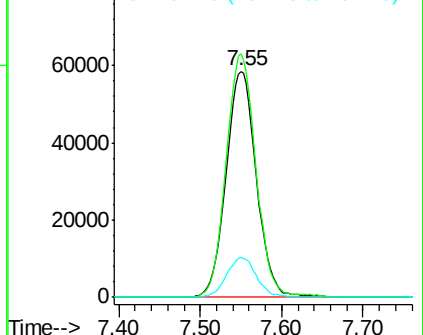
192 17.4 13.9 20.9



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



#37

Ethyl Acetate

Concen: 10.248 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VN063491.D

Acq: 21 Sep 2020 17:20

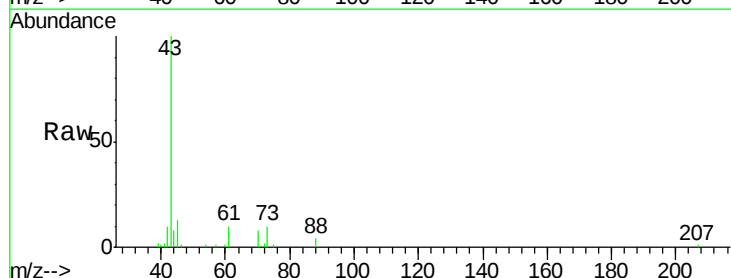
Tgt Ion: 43 Resp: 51642

Ion Ratio Lower Upper

43 100

61 5.5 10.6 15.8#

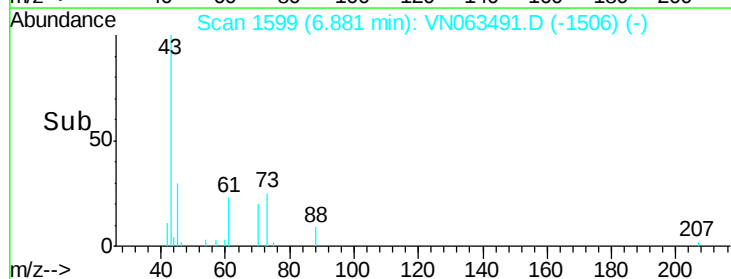
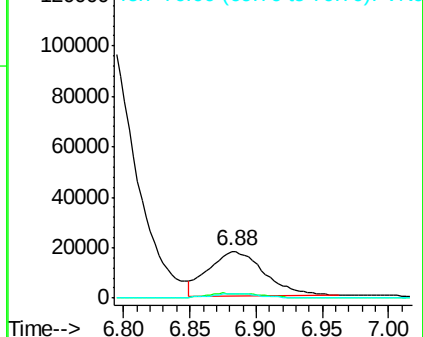
70 4.9 7.2 10.8#

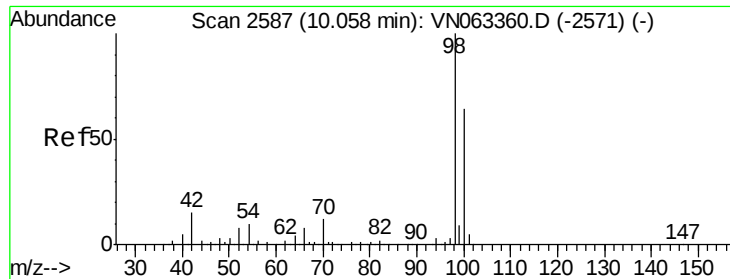


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 70.00 (69.70 to 70.70): VNO





#50

Toluene-d8

Concen: 49.527 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063491.D

Acq: 21 Sep 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

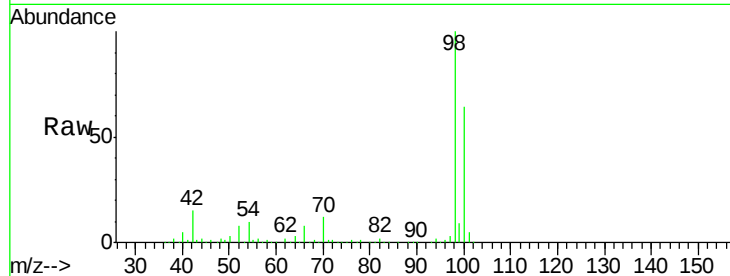
40957

Tot Ion: 98 Resp: 621324

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

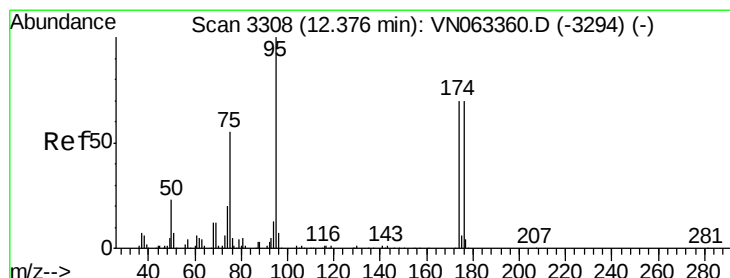
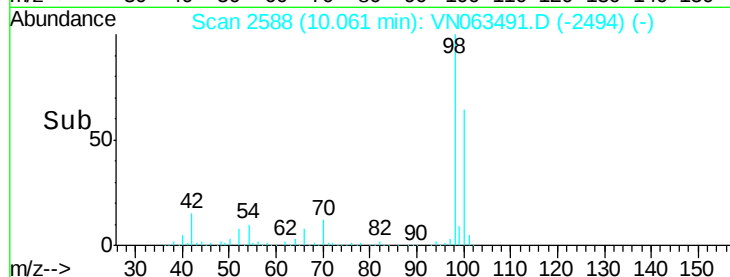
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.993 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063491.D

Acq: 21 Sep 2020 17:20

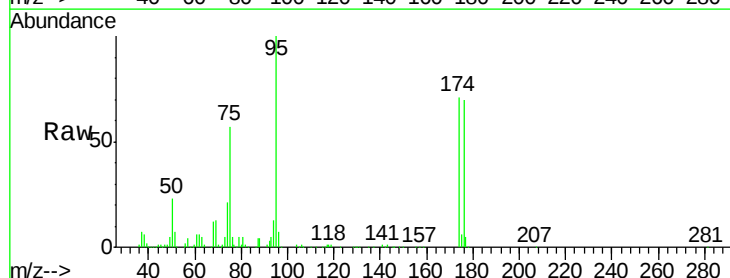
Tgt Ion: 95 Resp: 257504

Ion Ratio Lower Upper

95 100

174 70.7 0.0 140.8

176 69.0 0.0 137.6



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

12.38

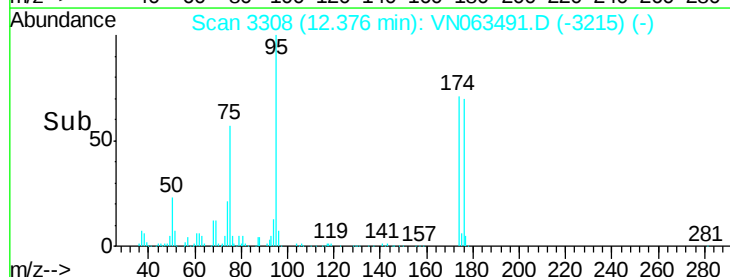
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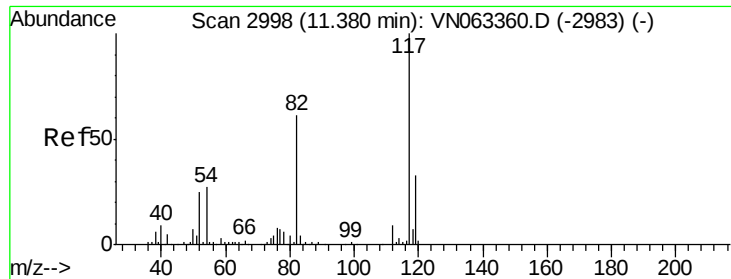
100000

50000

0

Time-->

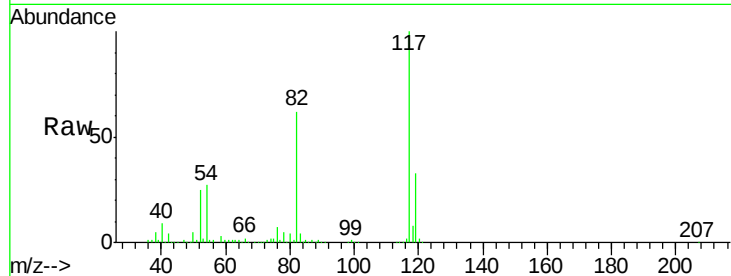




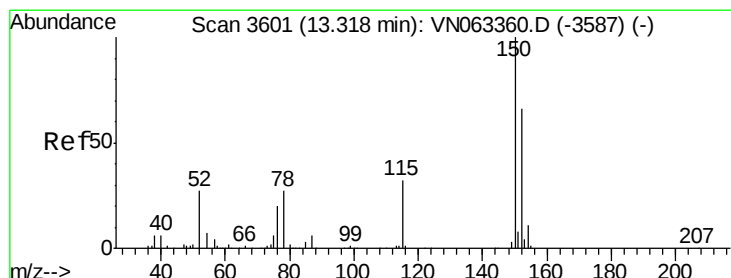
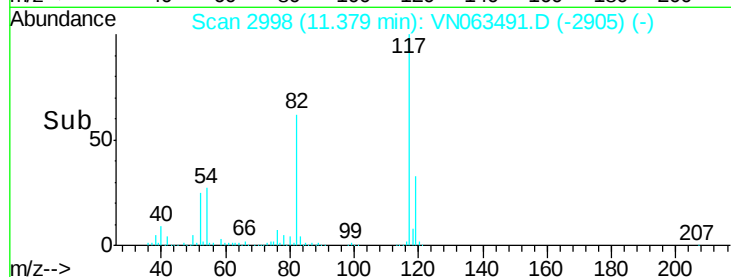
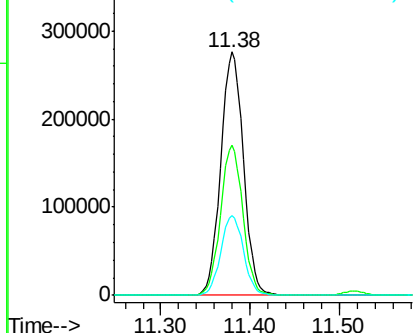
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063491.D
Acq: 21 Sep 2020 17:20

Instrument :
MSVOA_N
ClientSampleId :
40957

Tot Ion:117 Resp: 485872
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 32.9 26.2 39.4

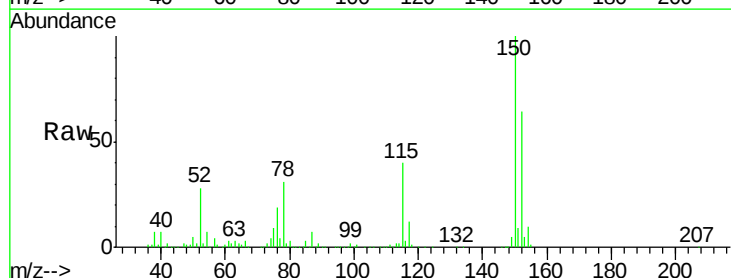


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063491.D
Acq: 21 Sep 2020 17:20

Tgt Ion:152 Resp: 223288
Ion Ratio Lower Upper
152 100
115 63.4 32.2 96.6
150 158.7 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

