

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063486.D
 Acq On : 21 Sep 2020 15:21
 Operator : JC/MD
 Sample : L4055-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1576

Quant Time: Sep 22 03:25:12 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

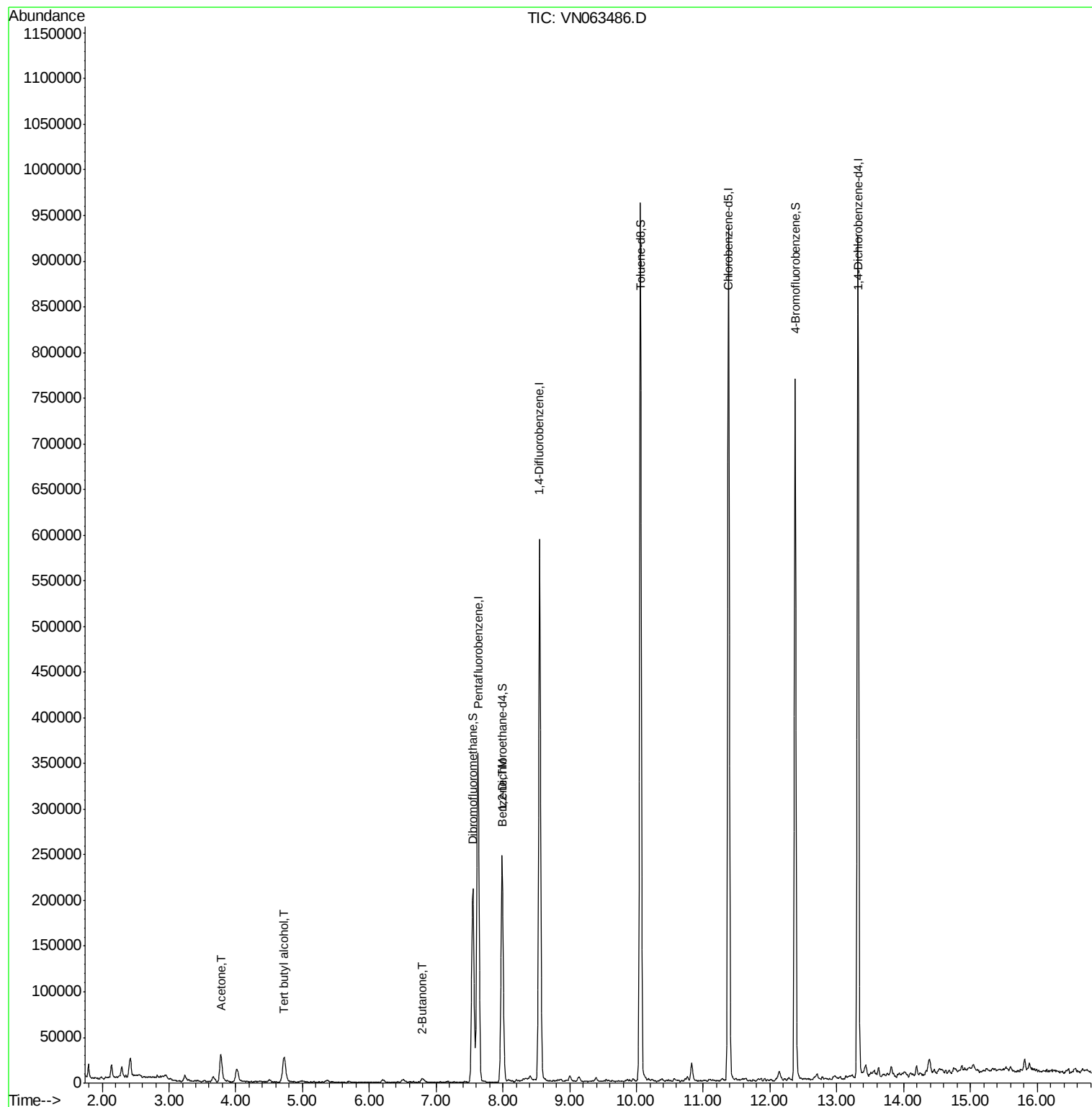
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	269922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	493910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	491431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	219729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	209583	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
35) Dibromofluoromethane	7.55	113	158340	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
50) Toluene-d8	10.06	98	638805	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.38	95	257295	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.73	59	47933	75.302	ug/l #	93
16) Acetone	3.78	43	52953	35.859	ug/l	100
25) 2-Butanone	6.79	43	7949	3.500	ug/l	95
40) Benzene	8.00	78	9938	0.662	ug/l #	85

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

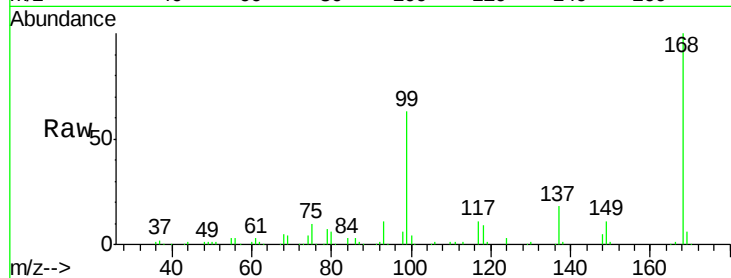
1576

Tot Ion:168 Resp: 269922

Ion Ratio Lower Upper

168 100

99 63.3 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

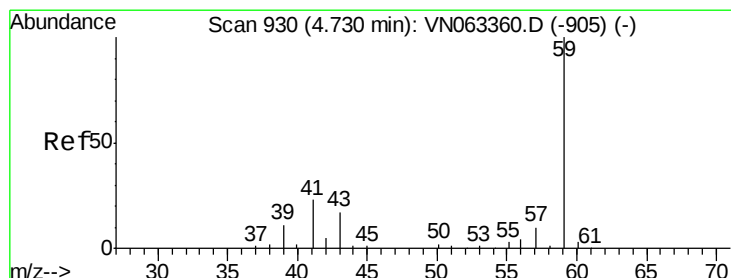
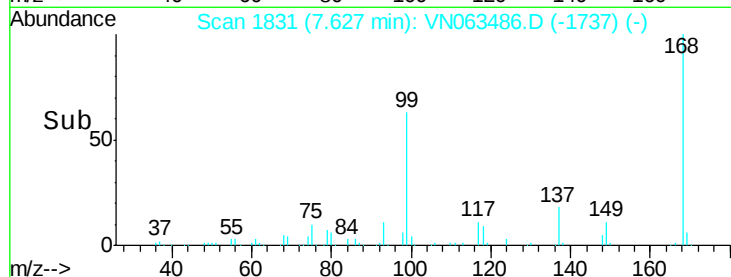
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 75.302 ug/l

RT: 4.73 min Scan# 929

Delta R.T. -0.00 min

Lab File: VN063486.D

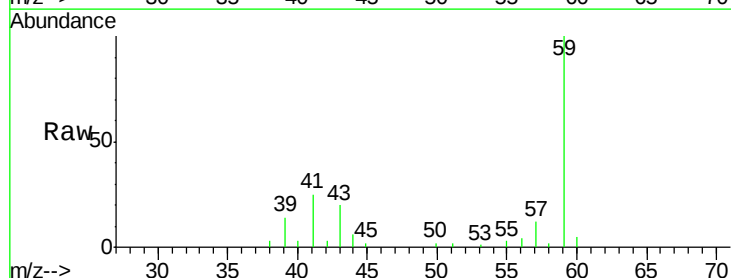
Acq: 21 Sep 2020 15:21

Tgt Ion: 59 Resp: 47933

Ion Ratio Lower Upper

59 100

57 7.9 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

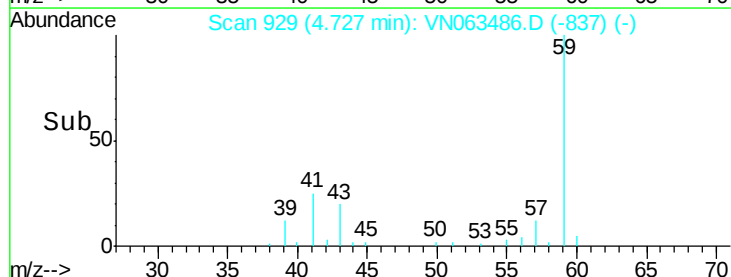
15000

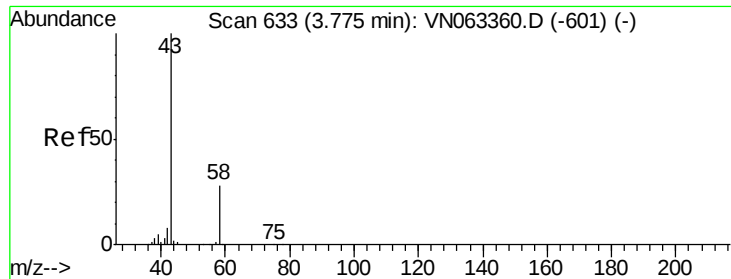
10000

5000

0

Time--> 4.60 4.70 4.80





#16

Acetone

Concen: 35.859 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063486.D

Acq: 21 Sep 2020 15:21

Instrument :

MSVOA_N

ClientSampled :

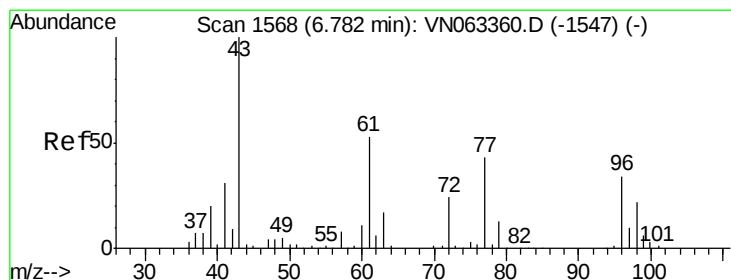
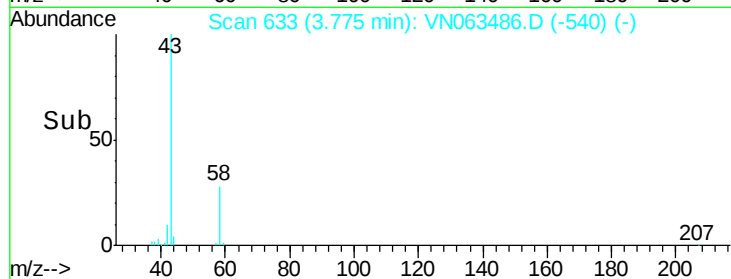
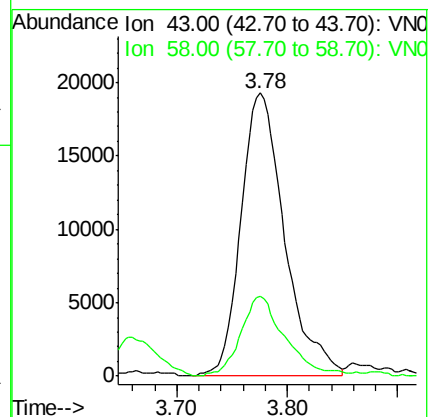
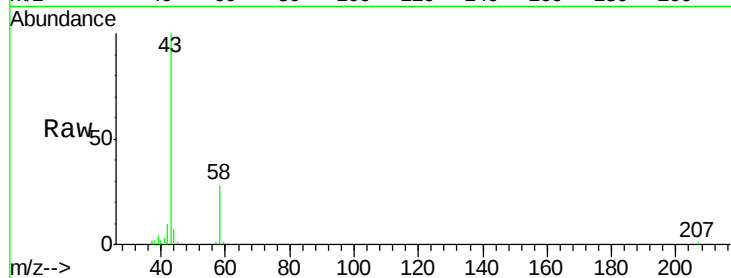
1576

Tot Ion: 43 Resp: 52953

Ion Ratio Lower Upper

43 100

58 28.0 22.3 33.5



#25

2-Butanone

Concen: 3.500 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN063486.D

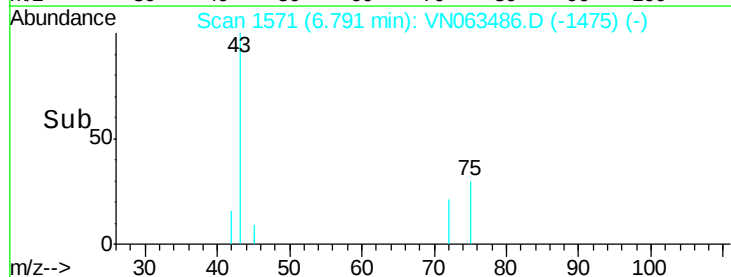
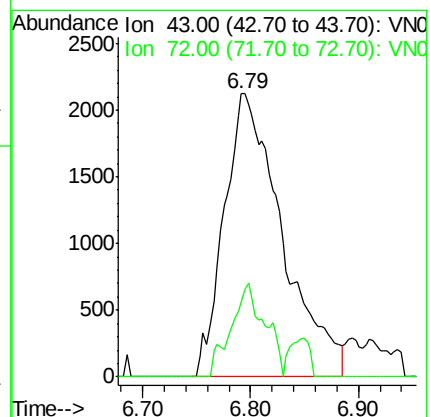
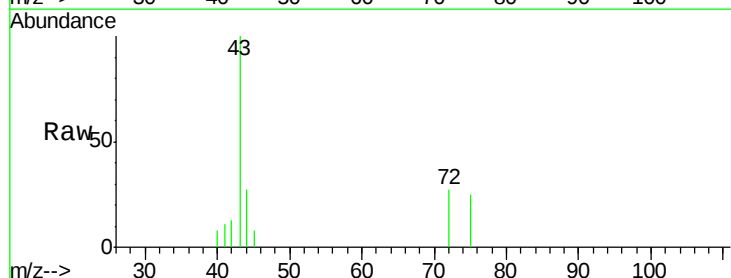
Acq: 21 Sep 2020 15:21

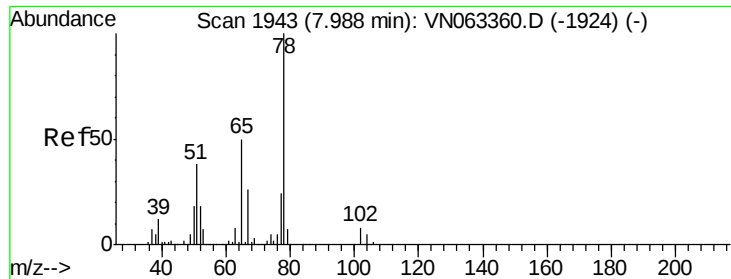
Tgt Ion: 43 Resp: 7949

Ion Ratio Lower Upper

43 100

72 26.6 19.2 28.8

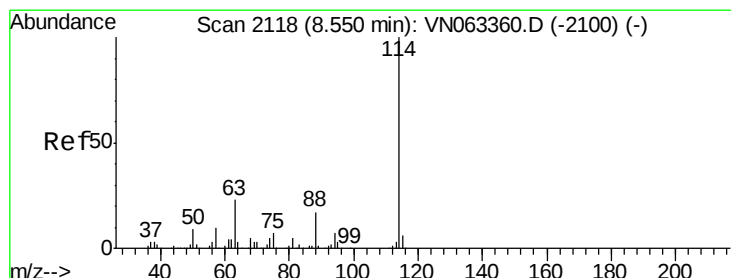
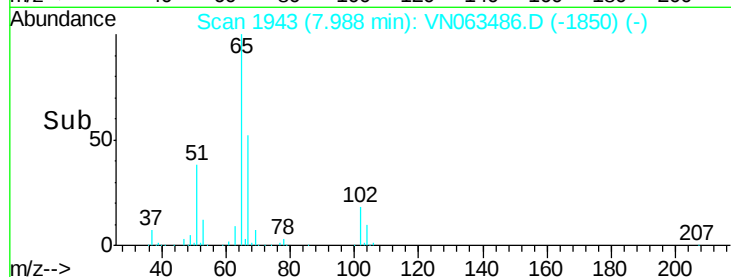
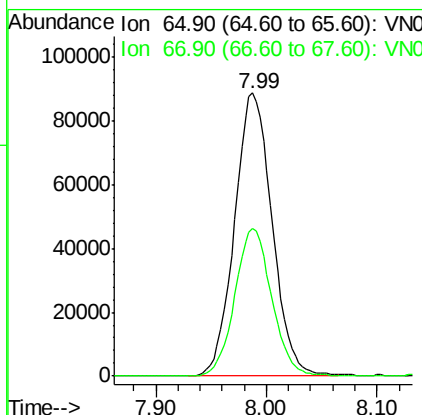
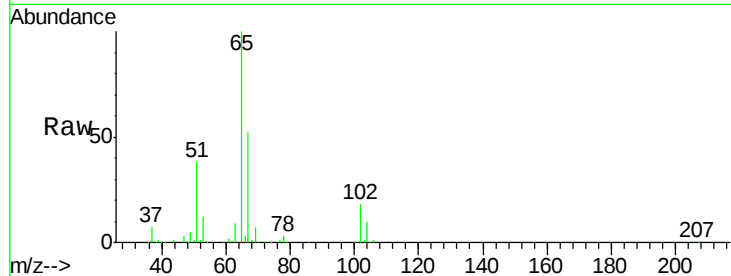




#33
 1,2-Dichloroethane-d4
 Concen: 45.613 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063486.D
 Acq: 21 Sep 2020 15:21

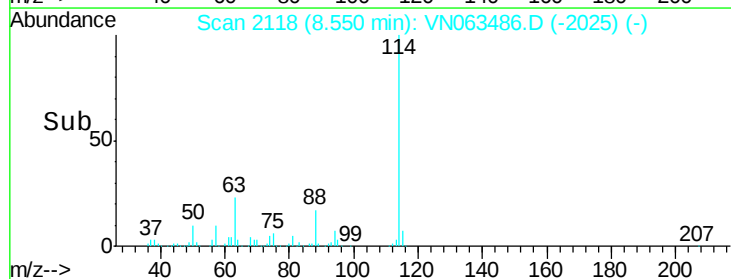
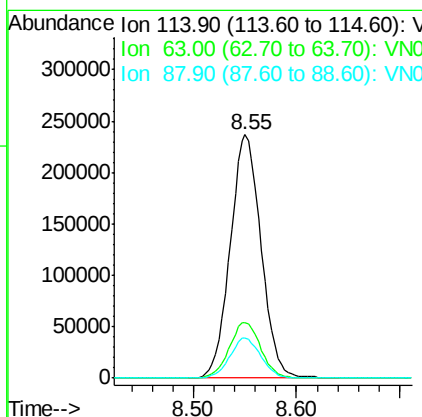
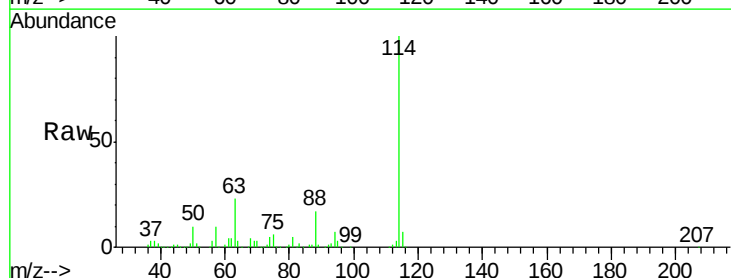
Instrument :
 MSVOA_N
 ClientSampleId :
 1576

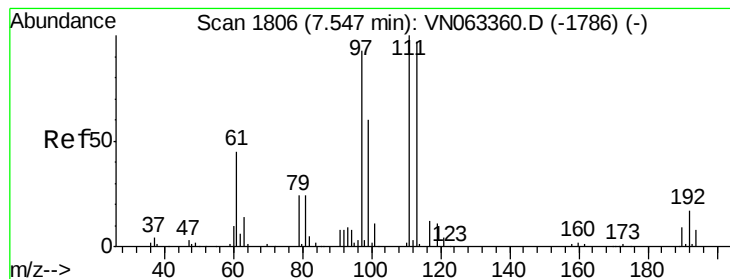
Tot Ion: 65 Resp: 209583
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063486.D
 Acq: 21 Sep 2020 15:21

Tgt Ion: 114 Resp: 493910
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.4
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.309 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063486.D

Acq: 21 Sep 2020 15:21

Instrument :

MSVOA_N

ClientSampled :

1576

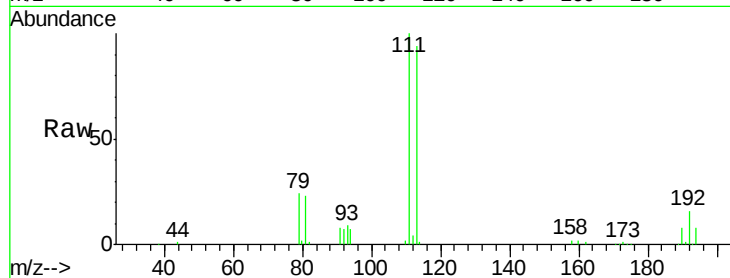
Tot Ion:113 Resp: 158340

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

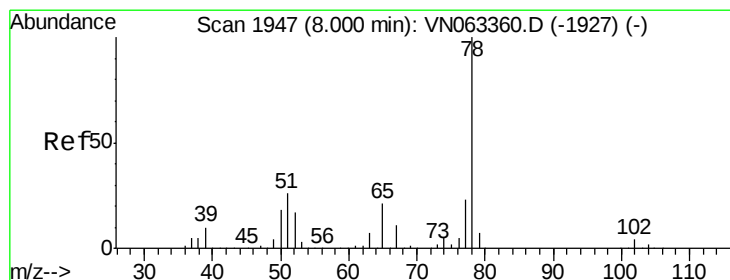
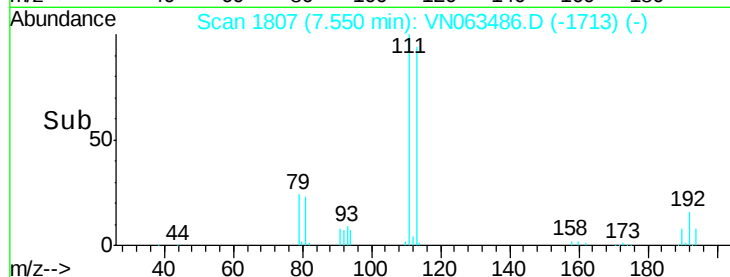
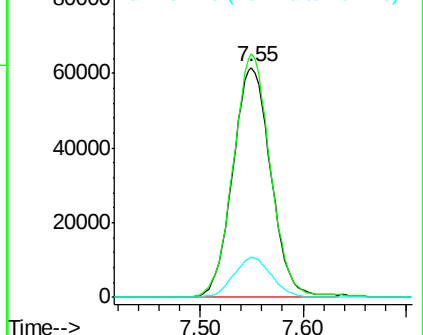
192 17.1 13.9 20.9



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



#40

Benzene

Concen: 0.662 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063486.D

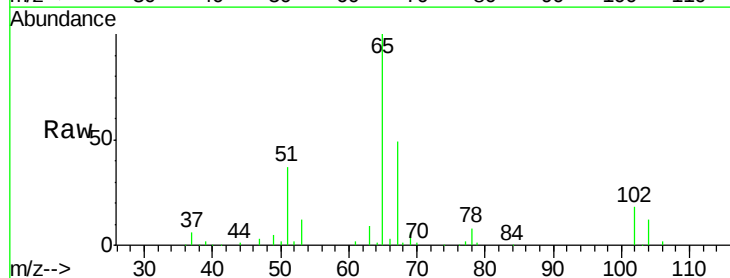
Acq: 21 Sep 2020 15:21

Tgt Ion: 78 Resp: 9938

Ion Ratio Lower Upper

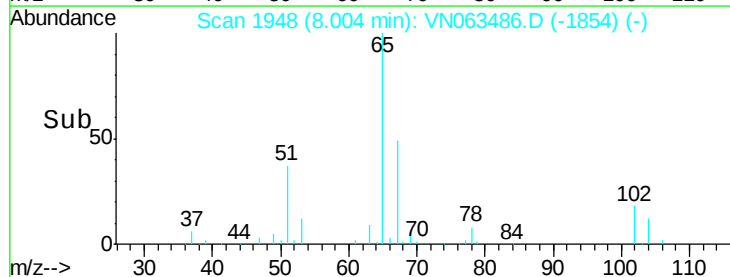
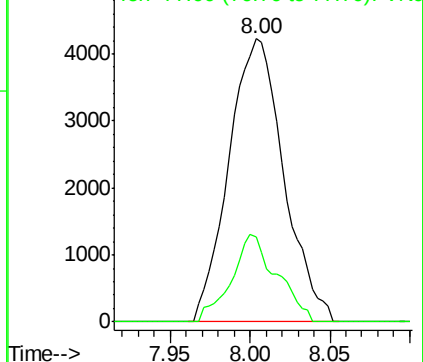
78 100

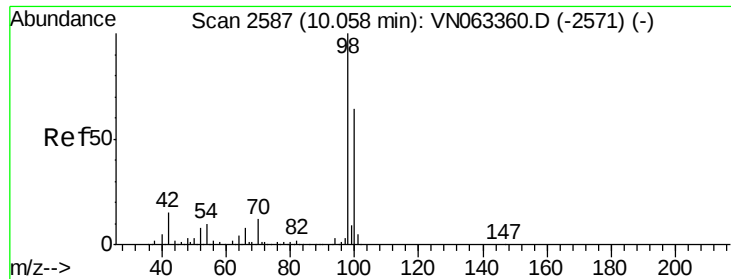
77 30.1 18.3 27.5#



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#50

Toluene-d8

Concen: 49.686 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063486.D

Acq: 21 Sep 2020 15:21

Instrument :

MSVOA_N

ClientSampled :

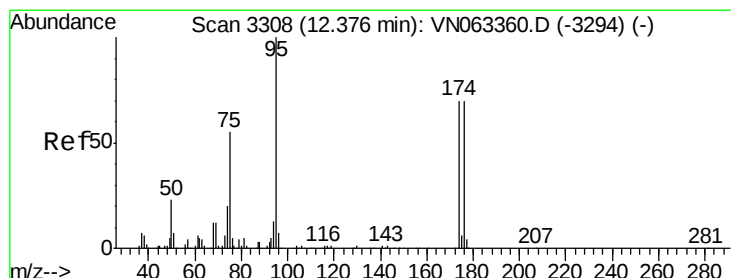
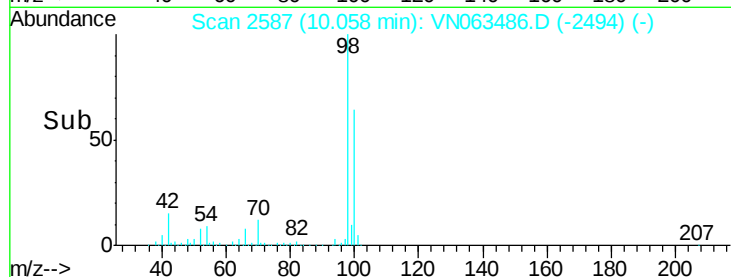
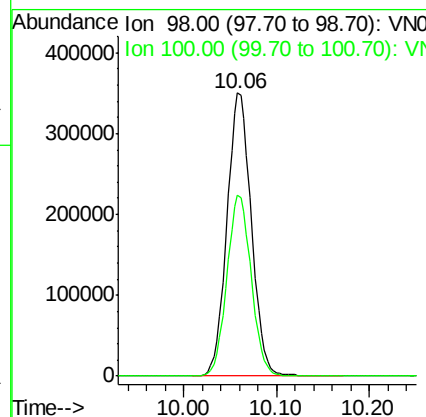
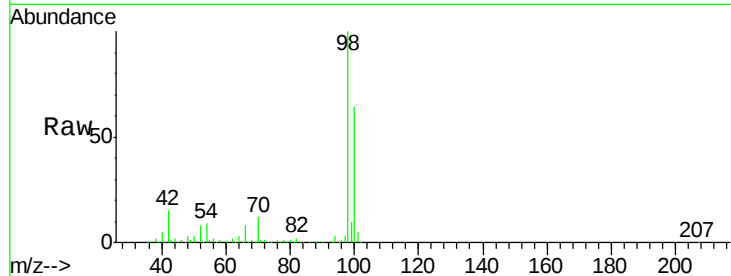
1576

Tot Ion: 98 Resp: 638805

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 54.591 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063486.D

Acq: 21 Sep 2020 15:21

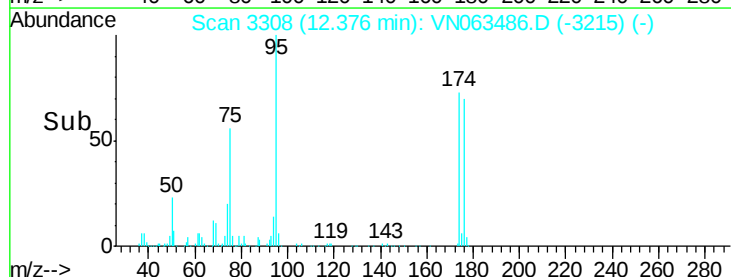
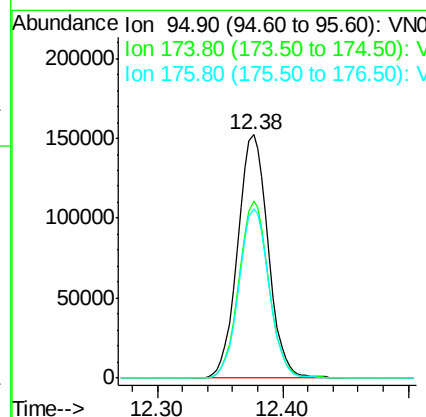
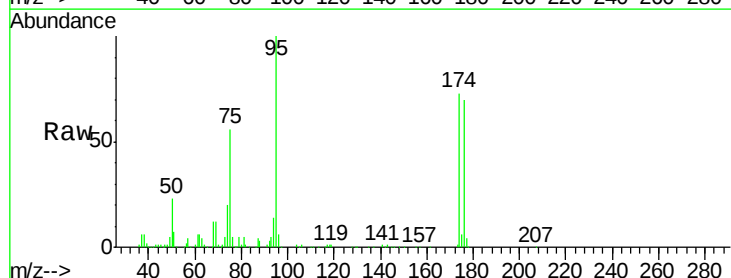
Tgt Ion: 95 Resp: 257295

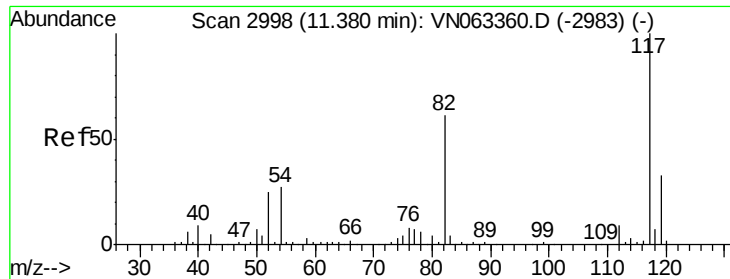
Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

176 69.0 0.0 137.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063486.D

Acq: 21 Sep 2020 15:21

Instrument :

MSVOA_N

ClientSampled :

1576

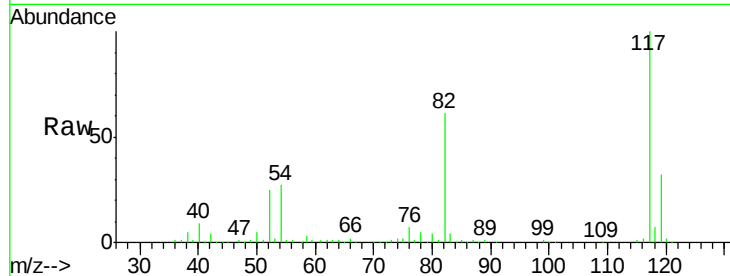
Tot Ion:117 Resp: 491431

Ion Ratio Lower Upper

117 100

82 61.4 49.2 73.8

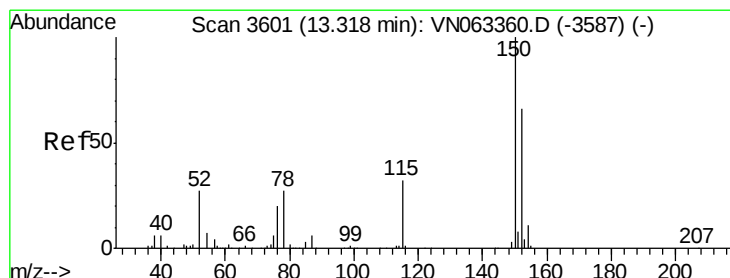
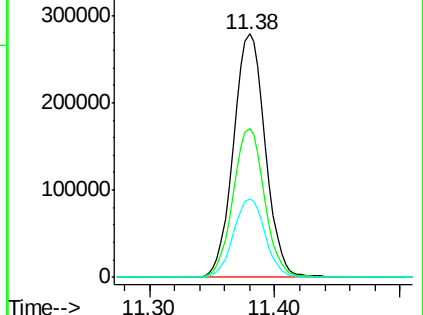
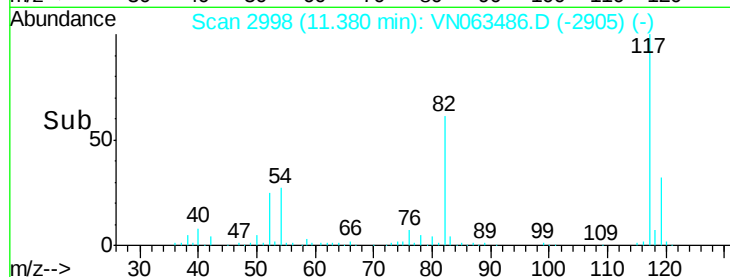
119 32.1 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN063486.D

Acq: 21 Sep 2020 15:21

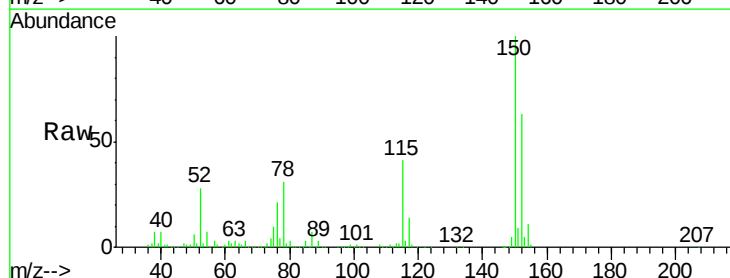
Tgt Ion:152 Resp: 219729

Ion Ratio Lower Upper

152 100

115 64.6 32.2 96.6

150 159.1 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

