

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063485.D
 Acq On : 21 Sep 2020 14:58
 Operator : JC/MD
 Sample : L4053-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1801

Quant Time: Sep 22 07:41:59 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	260007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	480372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	478958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	220054	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	205000	46.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.64%	
35) Dibromofluoromethane	7.55	113	150243	45.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.36%	
50) Toluene-d8	10.06	98	611894	48.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.38	95	250313	54.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.22%	

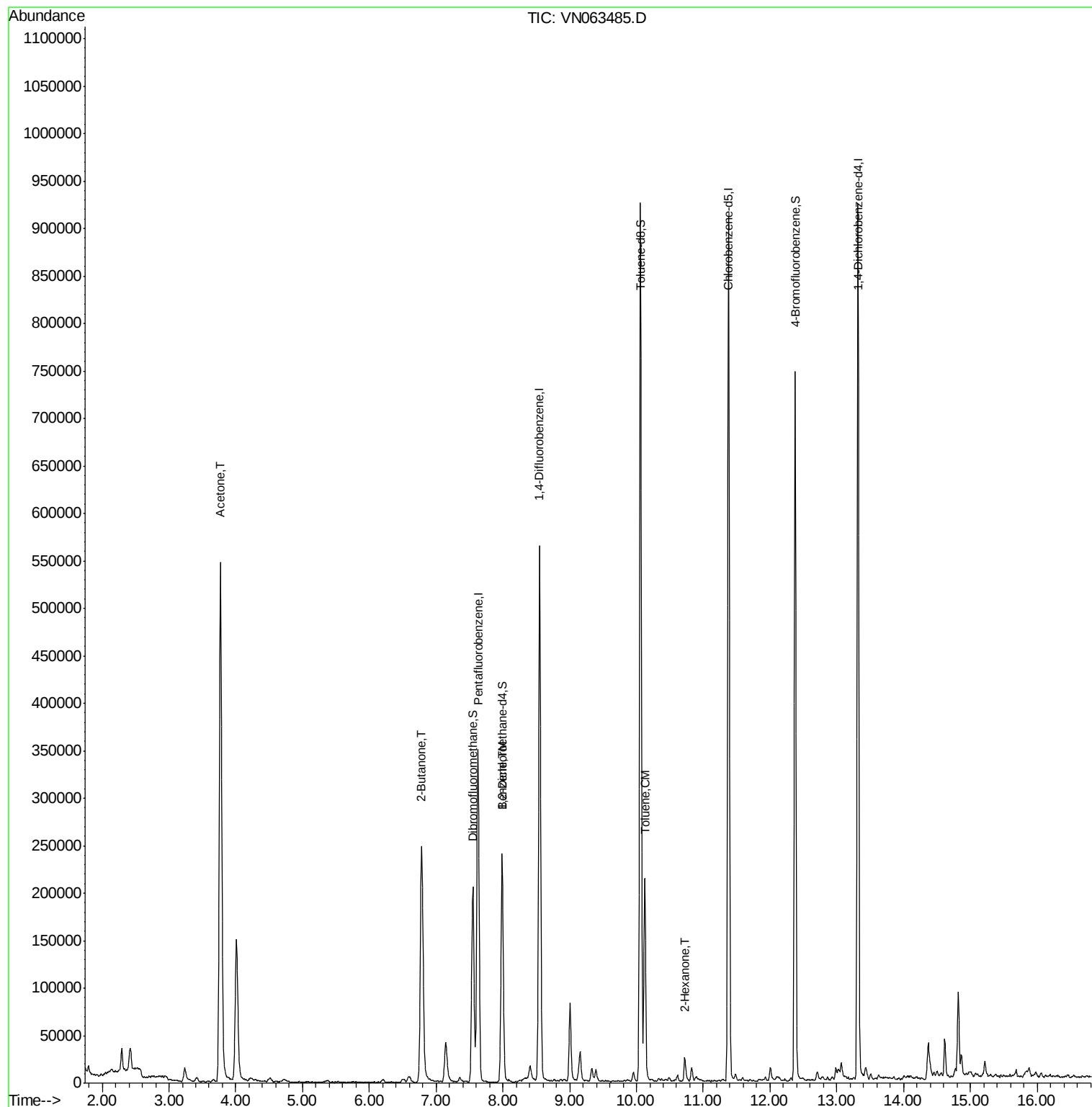
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	922945	648.845	ug/l	98
25) 2-Butanone	6.78	43	440924	201.548	ug/l	98
40) Benzene	8.00	78	8560	0.586	ug/l	93
52) Toluene	10.13	92	88557	10.082	ug/l	99
59) 2-Hexanone	10.72	43	17755	4.874	ug/l	94

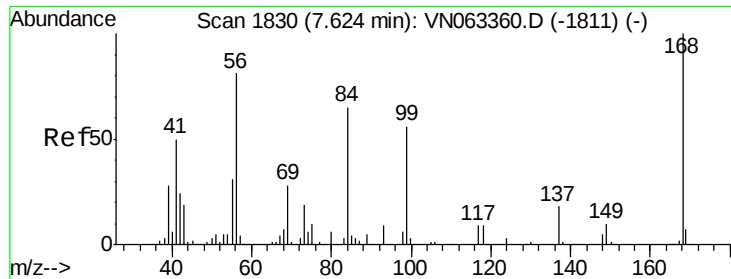
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063485.D

Acq: 21 Sep 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

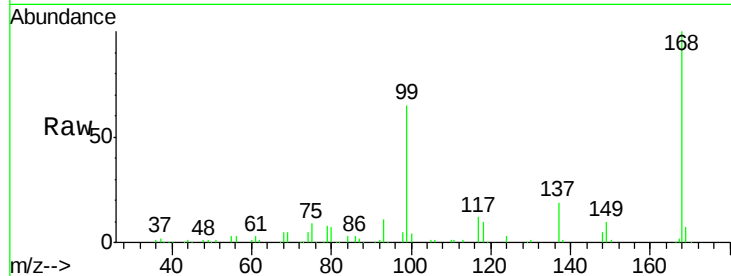
1801

Tot Ion:168 Resp: 260007

Ion Ratio Lower Upper

168 100

99 65.2 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

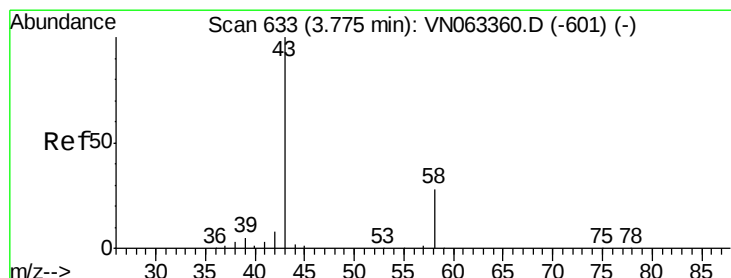
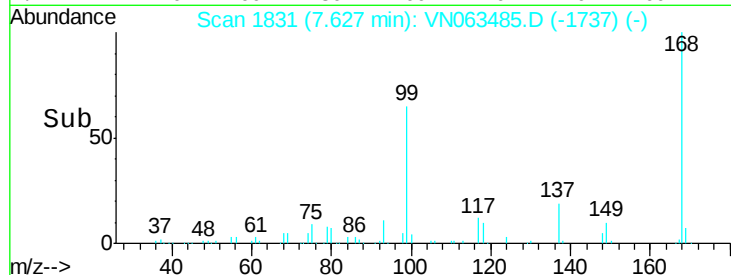
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 648.845 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063485.D

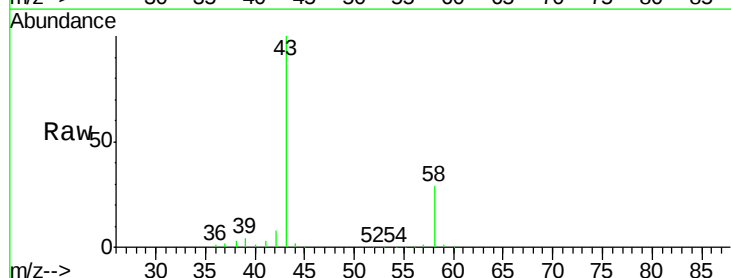
Acq: 21 Sep 2020 14:58

Tgt Ion: 43 Resp: 922945

Ion Ratio Lower Upper

43 100

58 28.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.77

400000

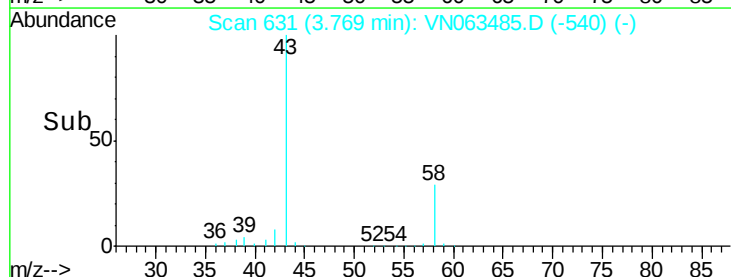
300000

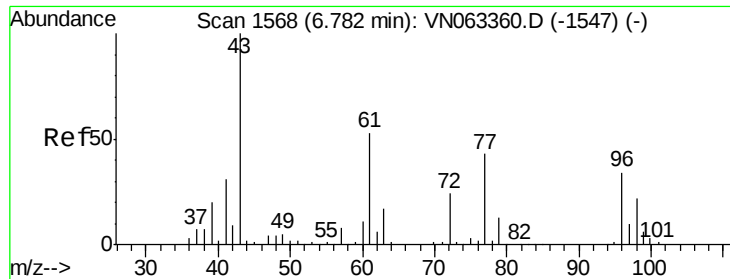
200000

100000

0

Time--> 3.70 3.80 3.90

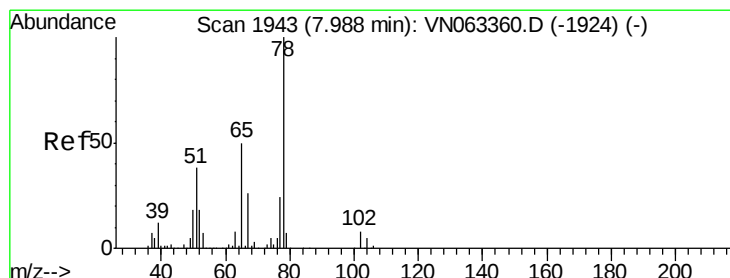
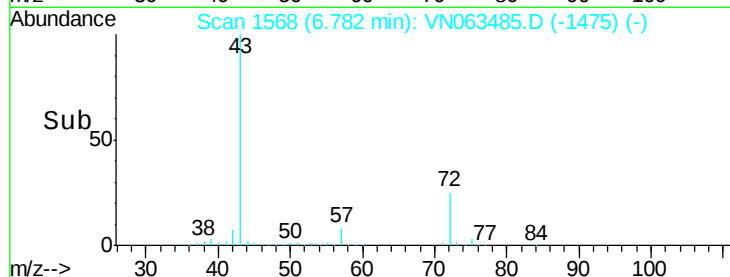
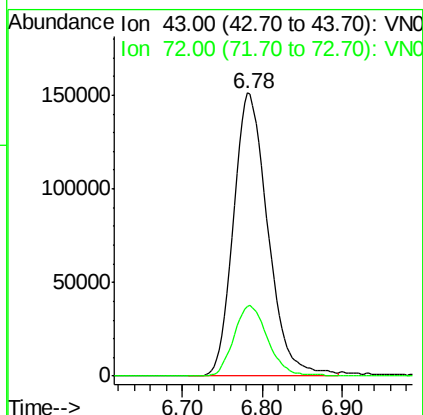
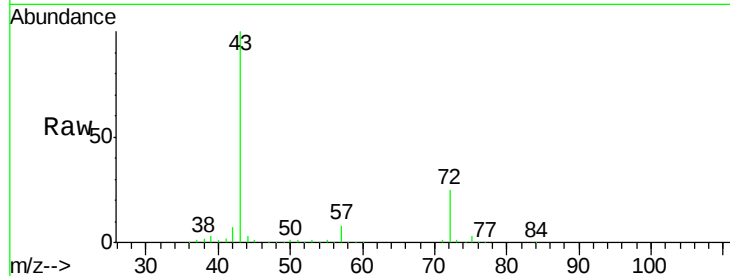




#25
2-Butanone
Concen: 201.548 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063485.D
Acq: 21 Sep 2020 14:58

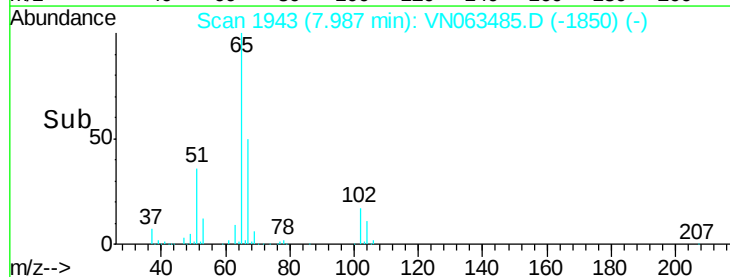
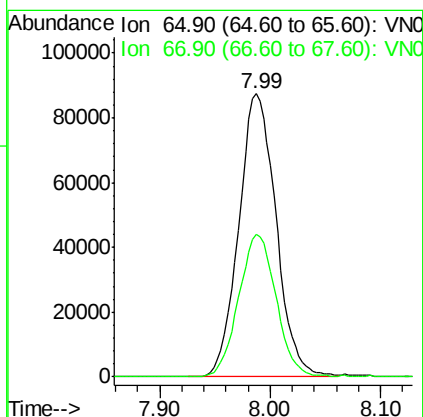
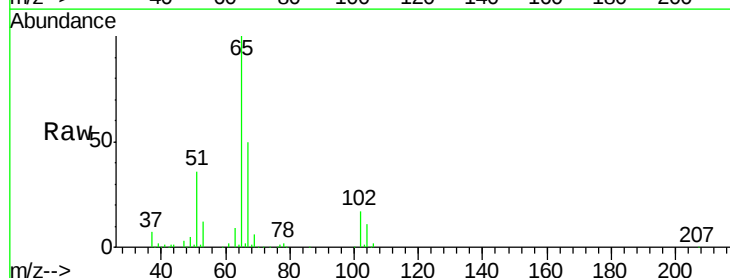
Instrument :
MSVOA_N
ClientSampled :
1801

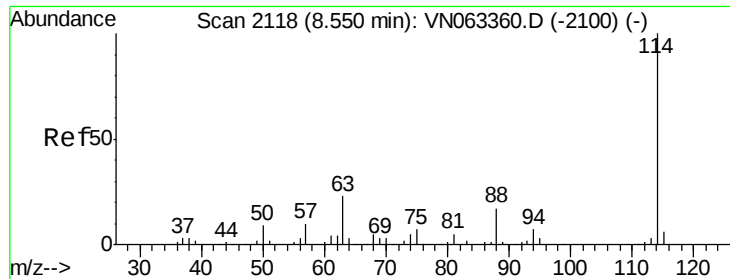
Tot Ion: 43 Resp: 440924
Ion Ratio Lower Upper
43 100
72 24.8 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 46.317 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063485.D
Acq: 21 Sep 2020 14:58

Tgt Ion: 65 Resp: 205000
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.2

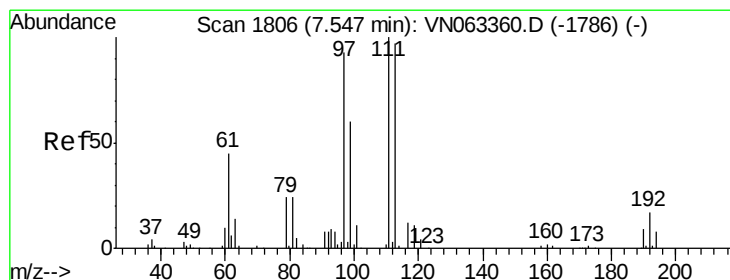
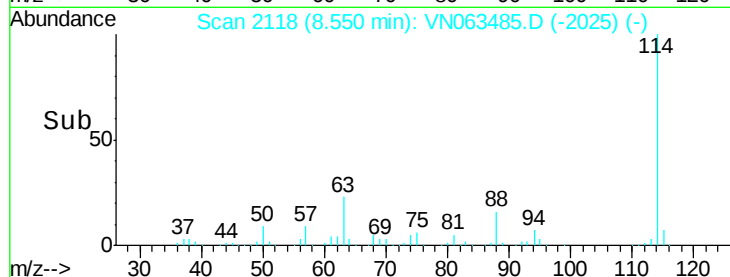
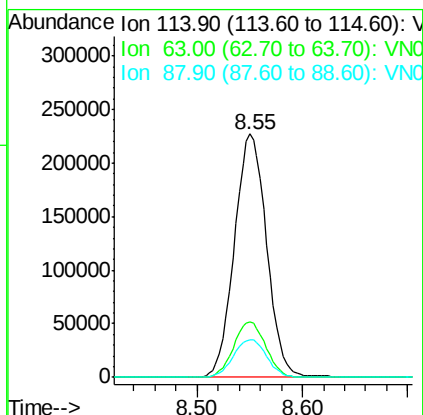
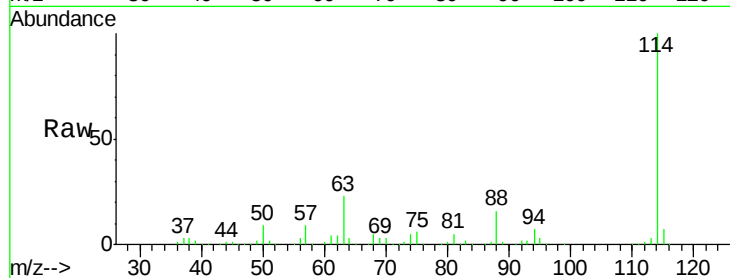




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063485.D
 Acq: 21 Sep 2020 14:58

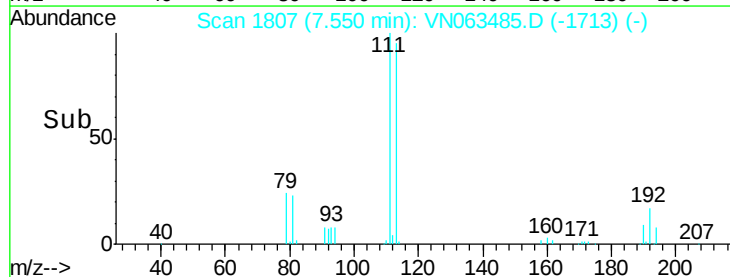
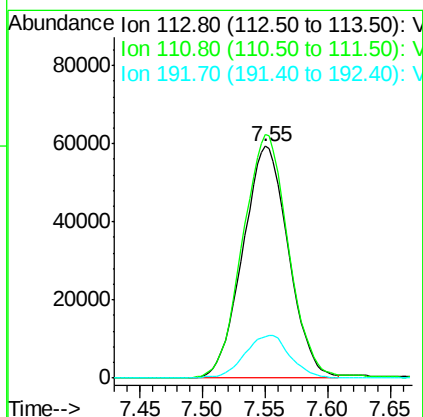
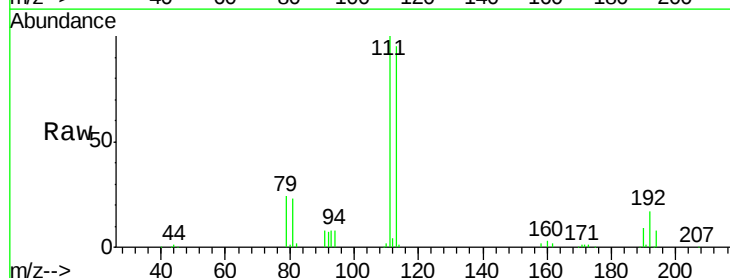
Instrument :
 MSVOA_N
 ClientSampleId :
 1801

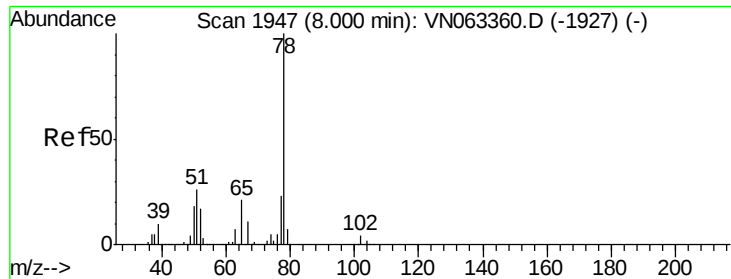
Tot Ion:114 Resp: 480372
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.4
 88 15.5 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 45.179 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063485.D
 Acq: 21 Sep 2020 14:58

Tgt Ion:113 Resp: 150243
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.9 124.3
 192 18.3 13.9 20.9





#40

Benzene

Concen: 0.586 ug/l

RT: 8.00 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN063485.D

Acq: 21 Sep 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

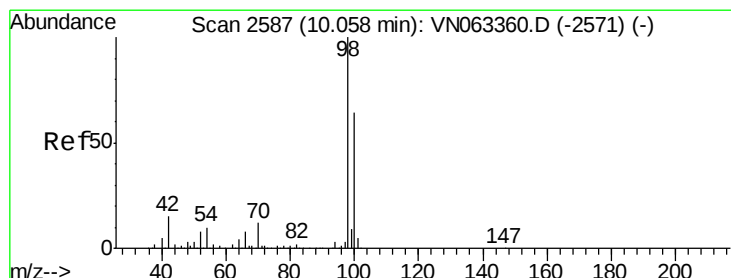
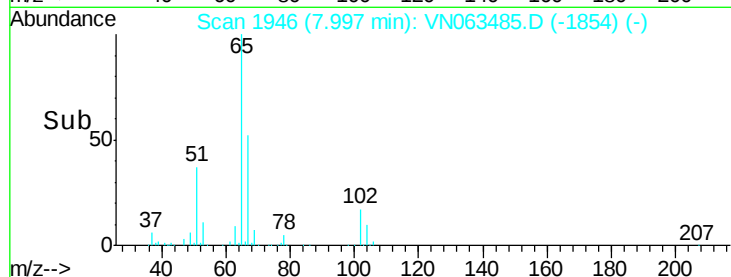
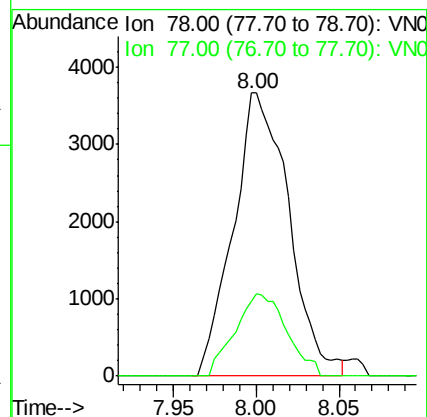
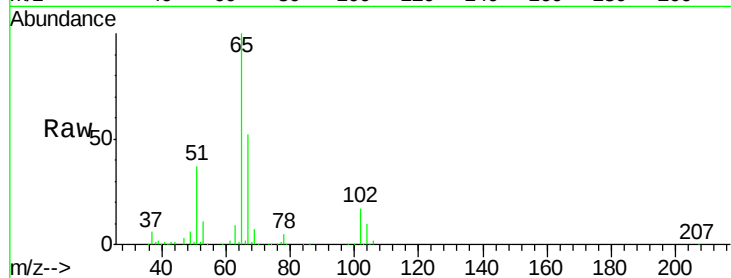
1801

Tot Ion: 78 Resp: 8560

Ion Ratio Lower Upper

78 100

77 26.5 18.3 27.5



#50

Toluene-d8

Concen: 48.934 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063485.D

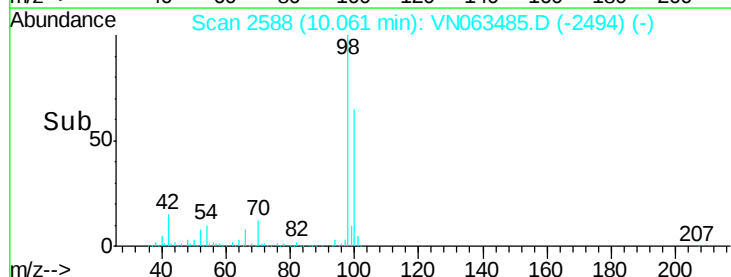
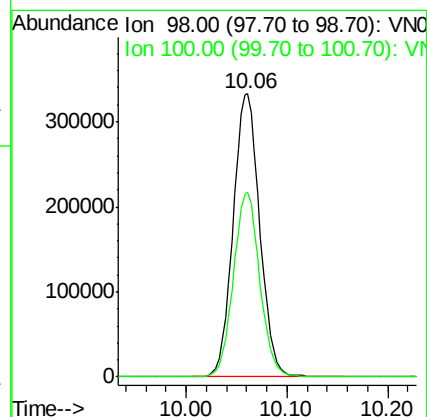
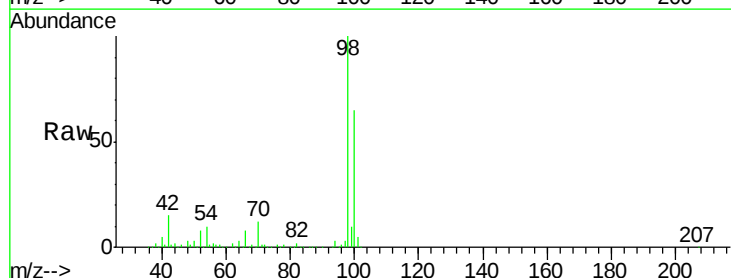
Acq: 21 Sep 2020 14:58

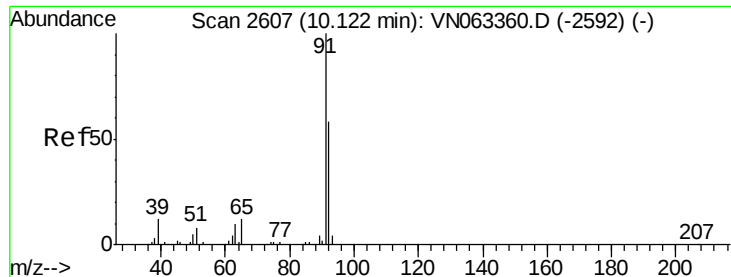
Tgt Ion: 98 Resp: 611894

Ion Ratio Lower Upper

98 100

100 64.5 50.7 76.1





#52

Toluene

Concen: 10.082 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063485.D

Acq: 21 Sep 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

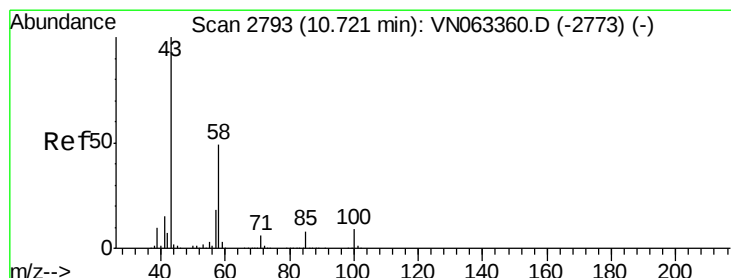
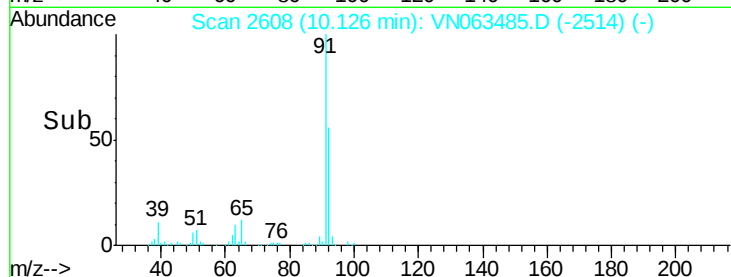
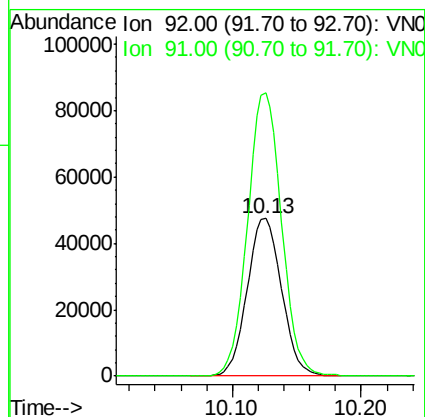
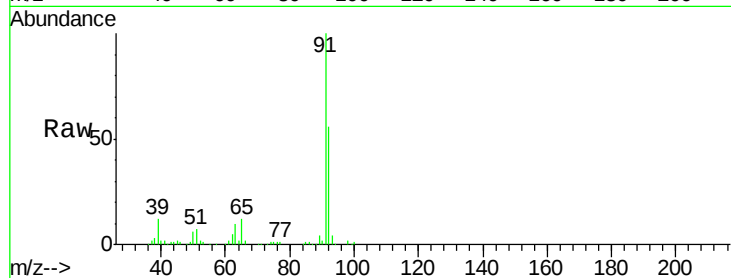
1801

Tot Ion: 92 Resp: 88557

Ion Ratio Lower Upper

92 100

91 176.6 139.7 209.5



#59

2-Hexanone

Concen: 4.874 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063485.D

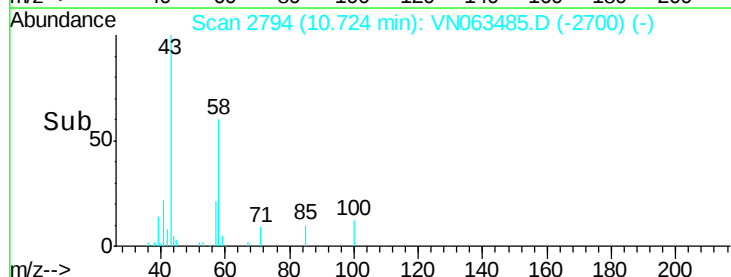
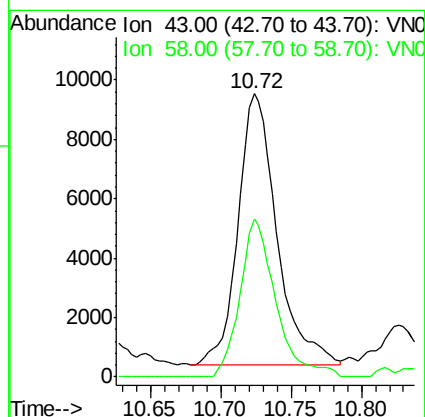
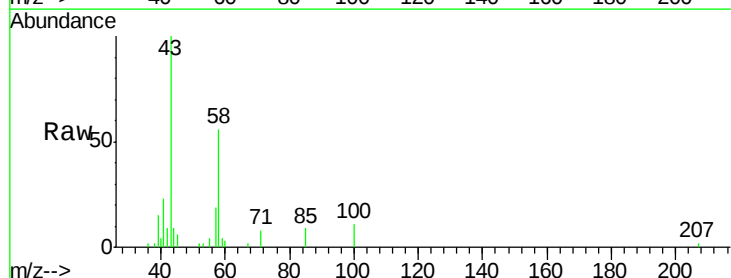
Acq: 21 Sep 2020 14:58

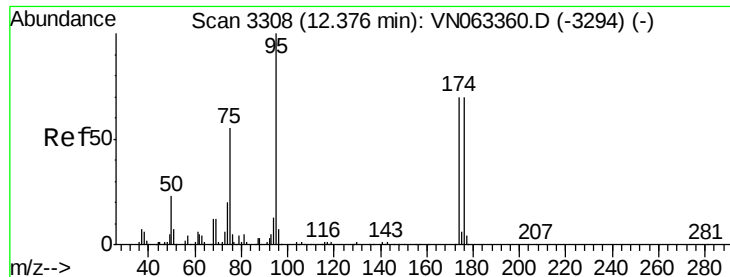
Tgt Ion: 43 Resp: 17755

Ion Ratio Lower Upper

43 100

58 53.2 24.7 74.1

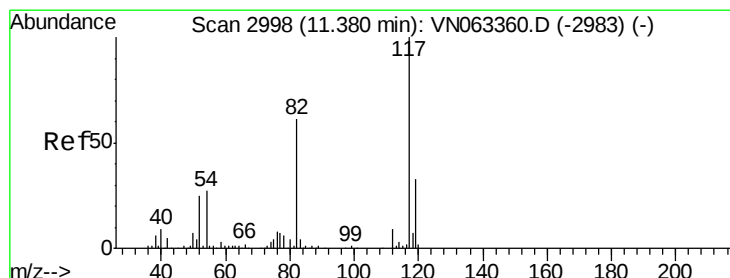
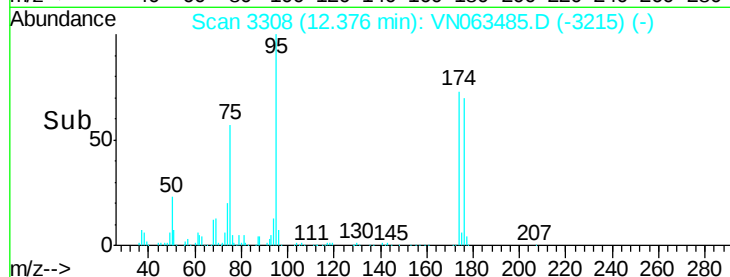
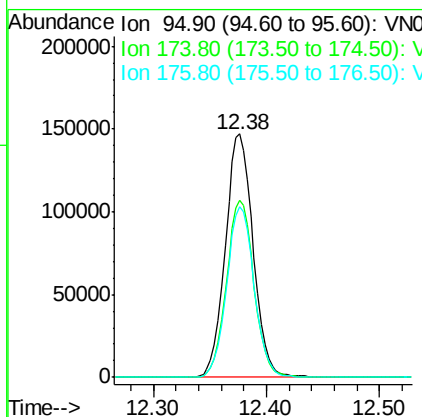
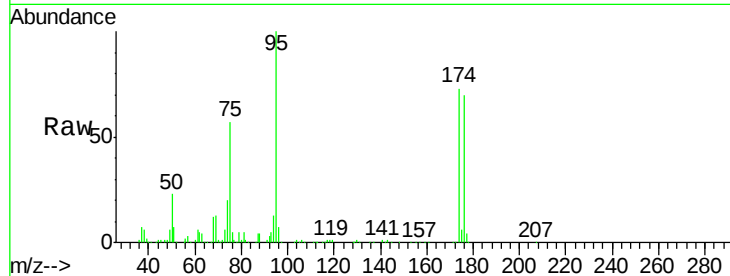




#62
4-Bromofluorobenzene
Concen: 54.607 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063485.D
Acq: 21 Sep 2020 14:58

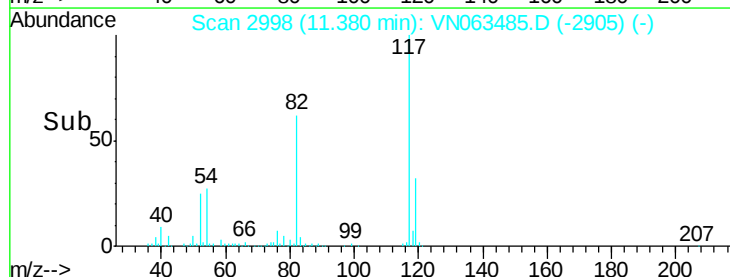
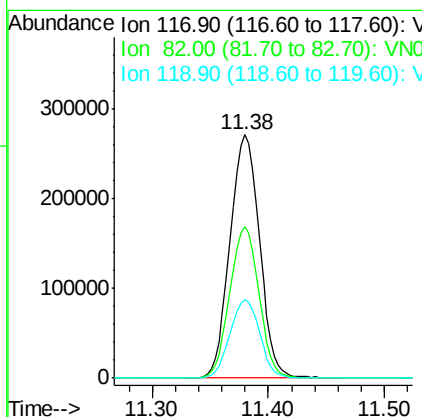
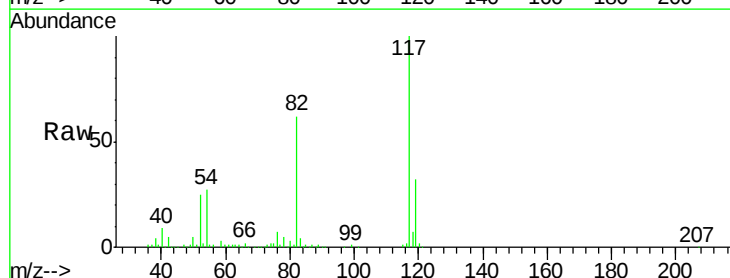
Instrument :
MSVOA_N
ClientSampled :
1801

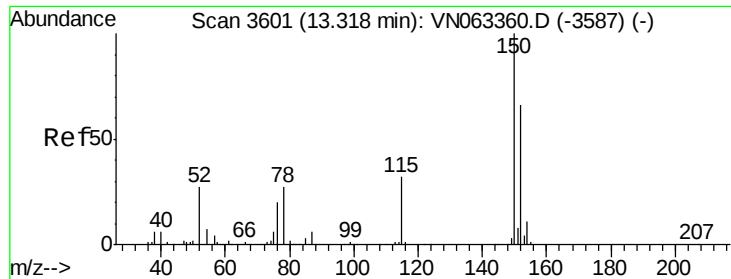
Tot Ion: 95 Resp: 250313
Ion Ratio Lower Upper
95 100
174 71.8 0.0 140.8
176 69.3 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063485.D
Acq: 21 Sep 2020 14:58

Tgt Ion: 117 Resp: 478958
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 32.1 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063485.D

Acq: 21 Sep 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

1801

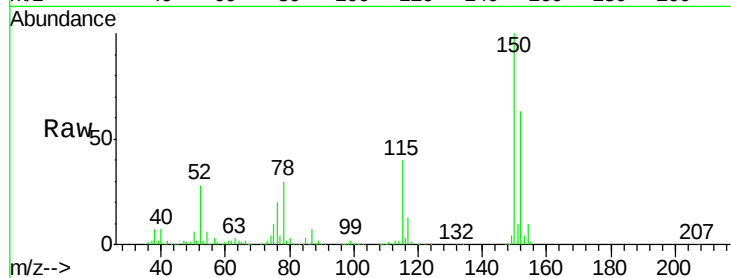
Tot Ion:152 Resp: 220054

Ion Ratio Lower Upper

152 100

115 63.8 32.2 96.6

150 158.8 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

