

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063484.D
 Acq On : 21 Sep 2020 14:34
 Operator : JC/MD
 Sample : L4053-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1799

Quant Time: Sep 22 07:39:15 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

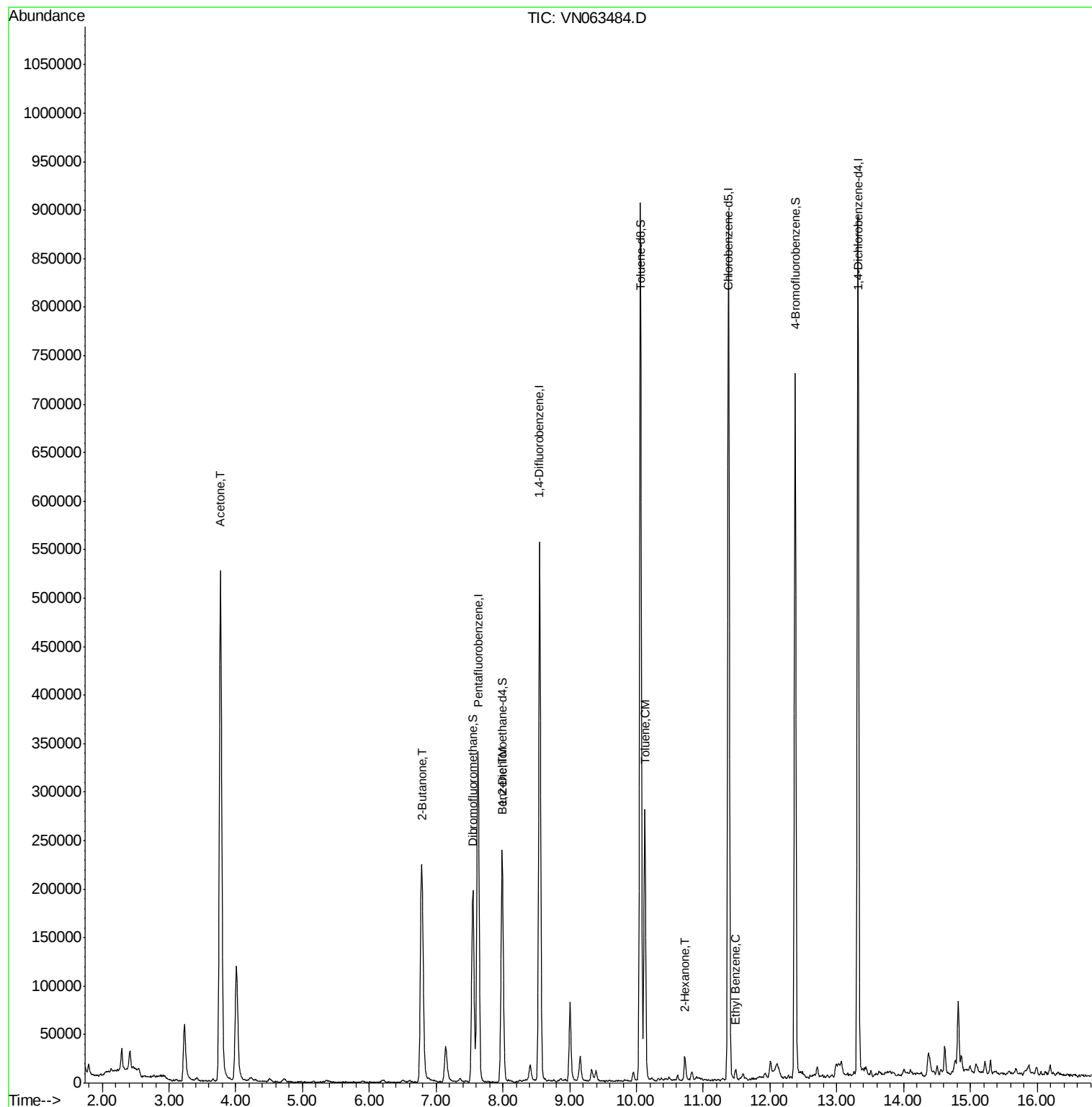
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	256081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	202259	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	7.55	113	145592	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	10.06	98	592741	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.38	95	247615	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
Target Compounds						
16) Acetone	3.77	43	899502	642.059	ug/l	99
25) 2-Butanone	6.78	43	419429	194.662	ug/l	99
40) Benzene	8.00	78	11805	0.834	ug/l	97
52) Toluene	10.13	92	114961	13.515	ug/l	98
59) 2-Hexanone	10.72	43	17162	4.865	ug/l	97
67) Ethyl Benzene	11.48	91	7058	0.382	ug/l	98

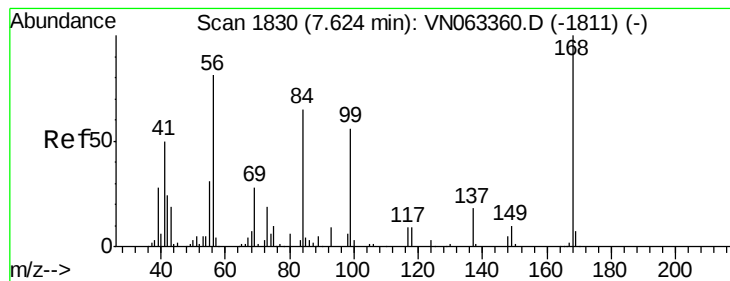
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063484.D
Acq On : 21 Sep 2020 14:34
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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: VN063484.D

Acq: 21 Sep 2020 14:34

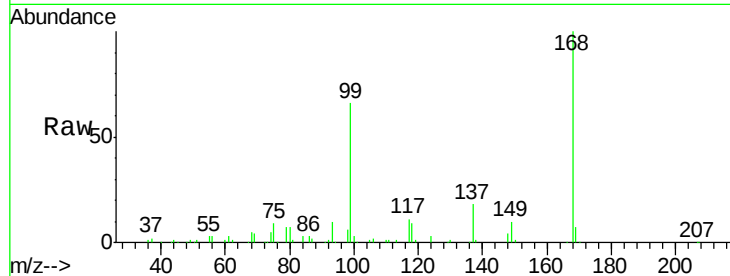
Instrument :
MSVOA_N
ClientSampled :
1799

Tot Ion:168 Resp: 256081

Ion Ratio Lower Upper

168 100

99 65.9 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

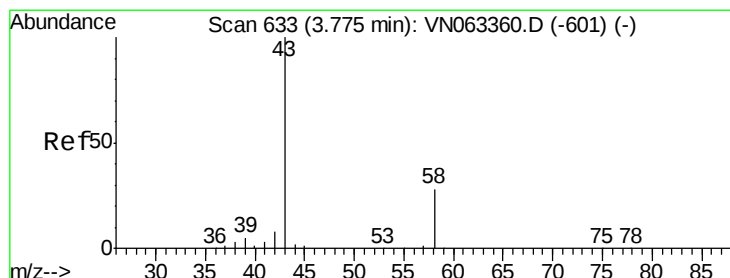
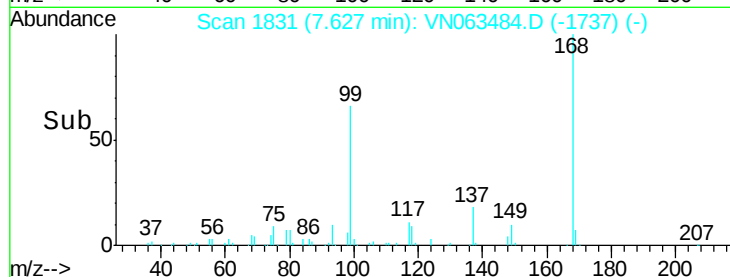
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 642.059 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063484.D

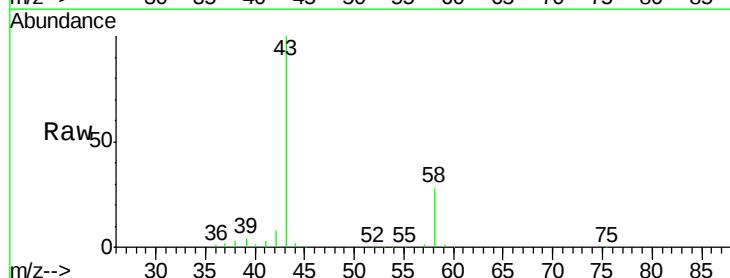
Acq: 21 Sep 2020 14:34

Tgt Ion: 43 Resp: 899502

Ion Ratio Lower Upper

43 100

58 28.3 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

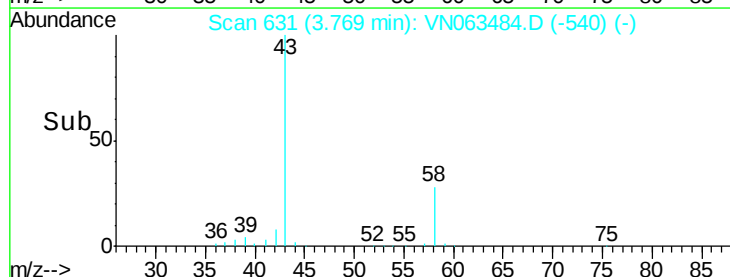
300000

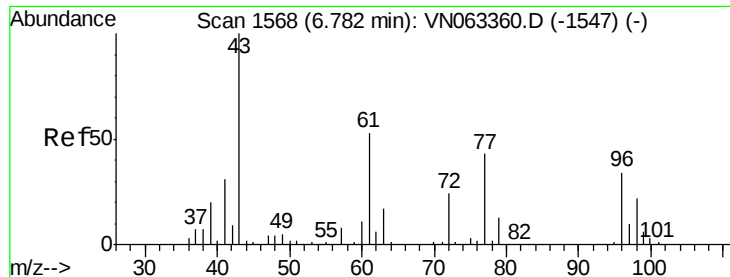
200000

100000

0

Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 194.662 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

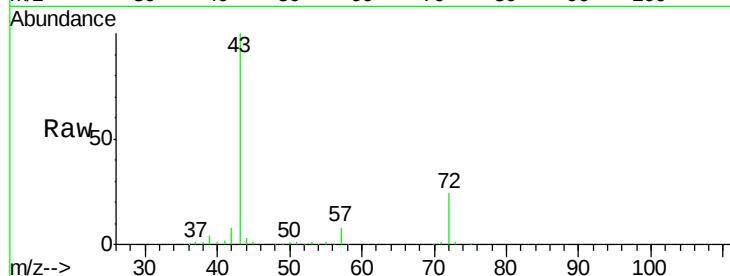
1799

Tot Ion: 43 Resp: 419429

Ion Ratio Lower Upper

43 100

72 23.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063360.D (-1547) (-)

6.78

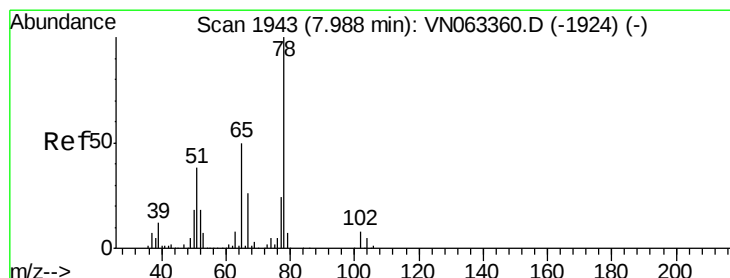
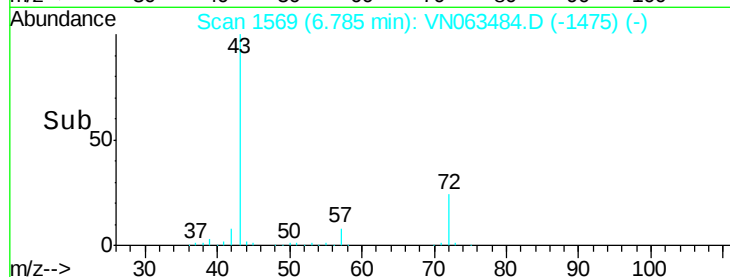
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.398 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063484.D

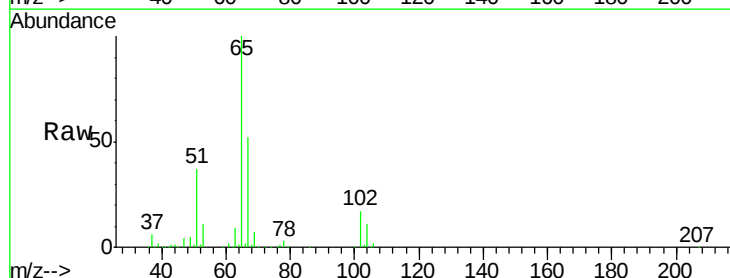
Acq: 21 Sep 2020 14:34

Tgt Ion: 65 Resp: 202259

Ion Ratio Lower Upper

65 100

67 51.4 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) (-)

7.99

100000

80000

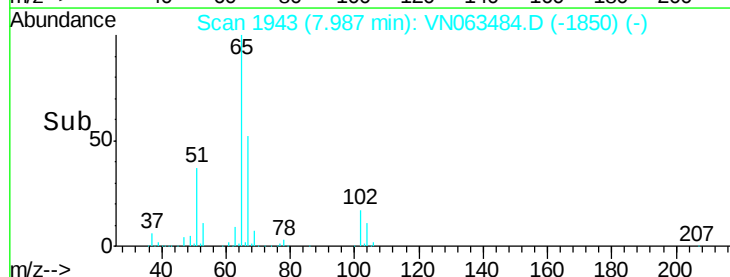
60000

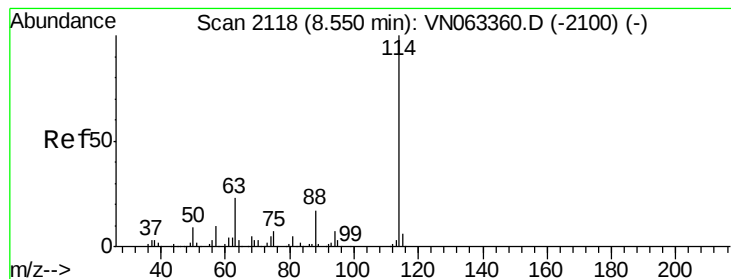
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

1799

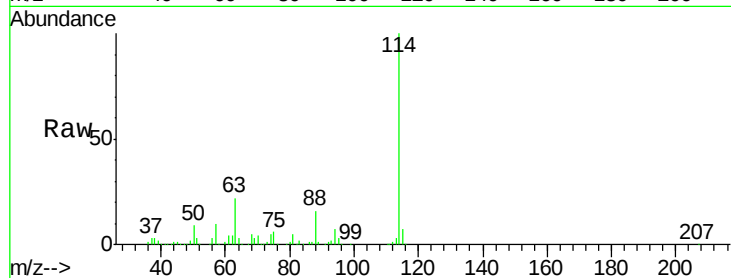
Tot Ion:114 Resp: 465213

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.4

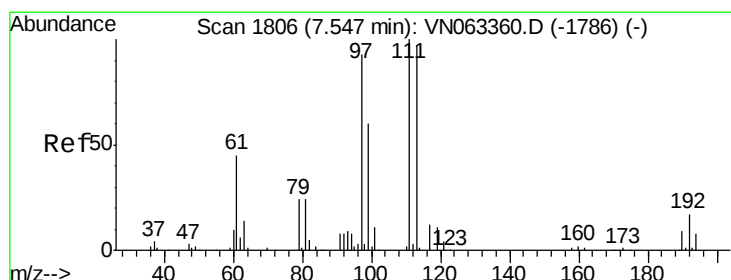
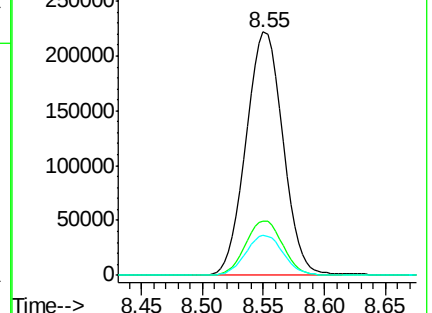
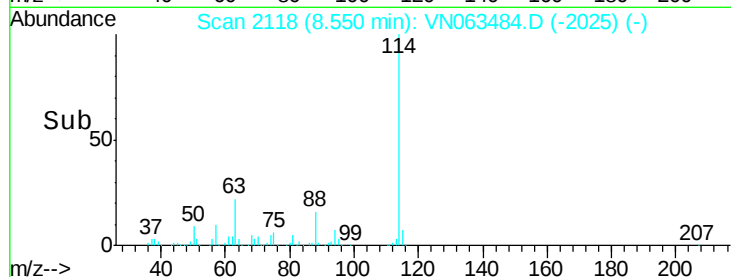
88 16.4 0.0 33.2



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: 45.207 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

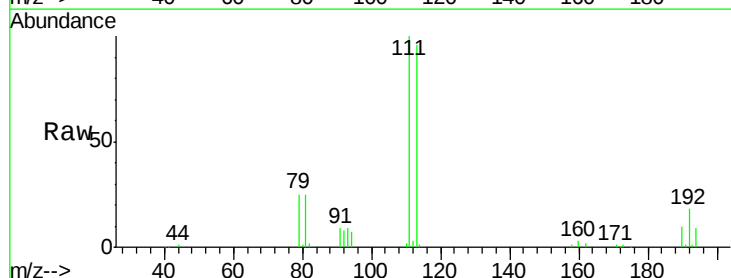
Tgt Ion:113 Resp: 145592

Ion Ratio Lower Upper

113 100

111 105.6 82.9 124.3

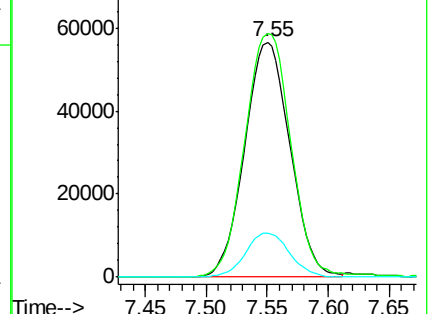
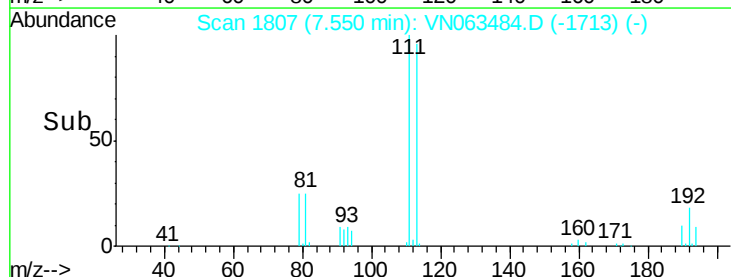
192 18.3 13.9 20.9

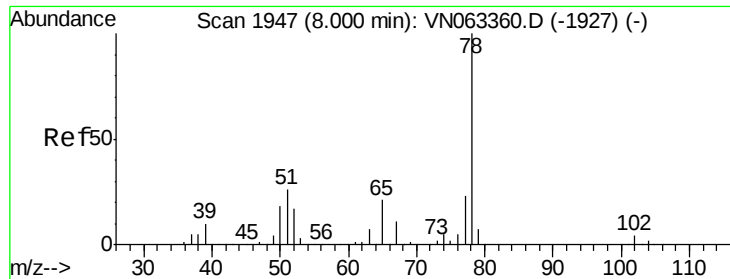


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.834 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

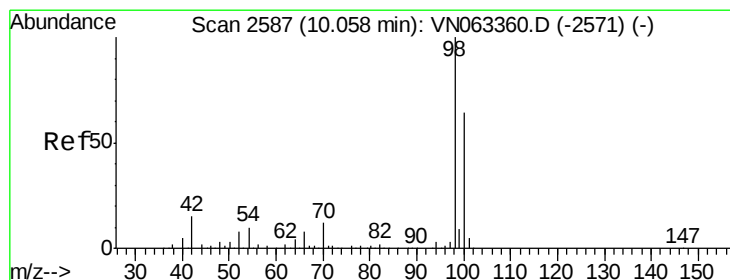
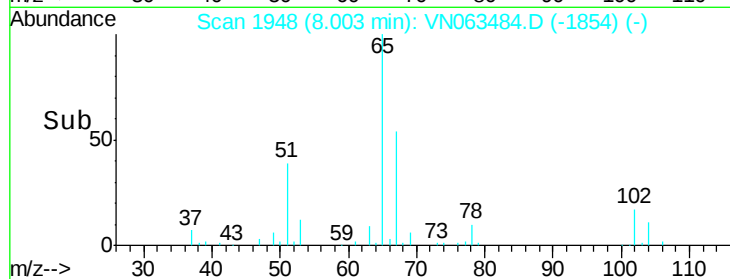
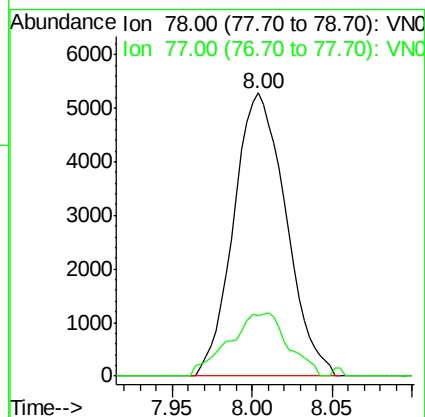
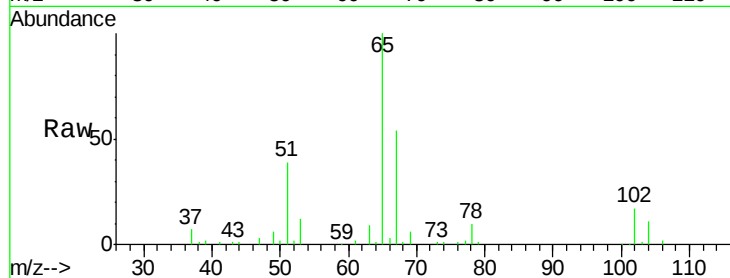
1799

Tot Ion: 78 Resp: 11805

Ion Ratio Lower Upper

78 100

77 21.3 18.3 27.5



#50

Toluene-d8

Concen: 48.947 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063484.D

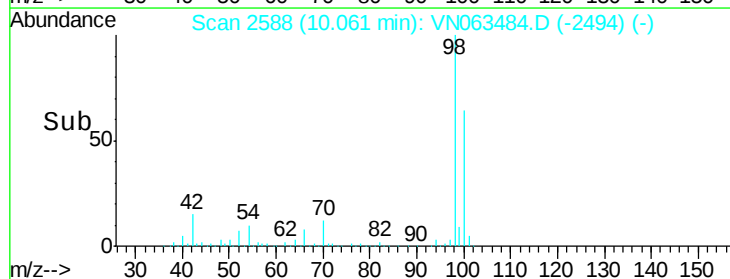
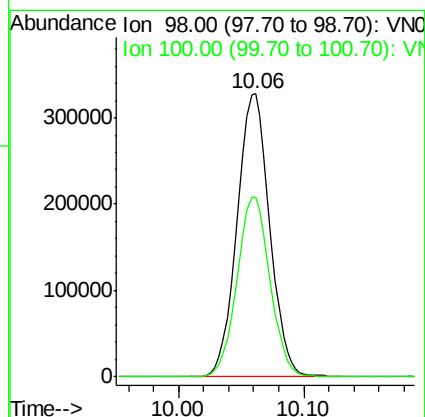
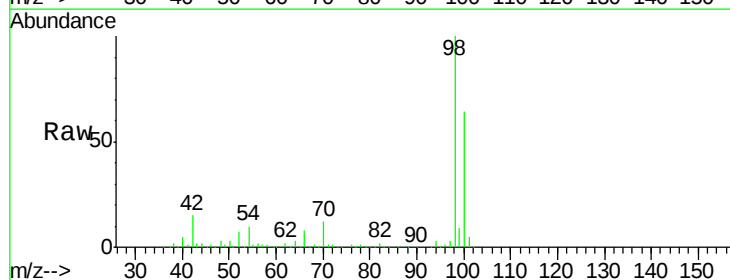
Acq: 21 Sep 2020 14:34

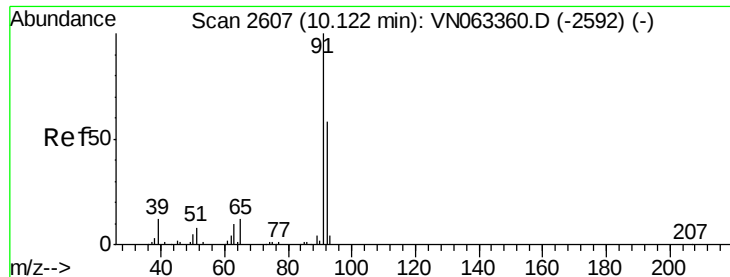
Tgt Ion: 98 Resp: 592741

Ion Ratio Lower Upper

98 100

100 64.2 50.7 76.1





#52

Toluene

Concen: 13.515 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

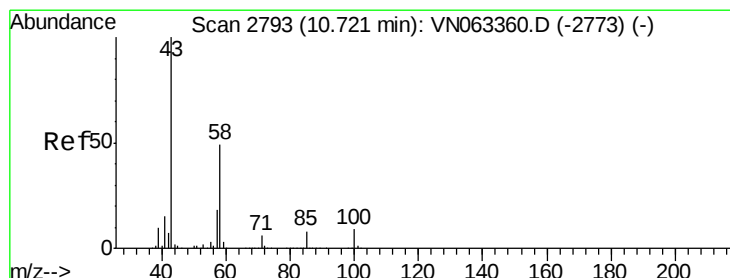
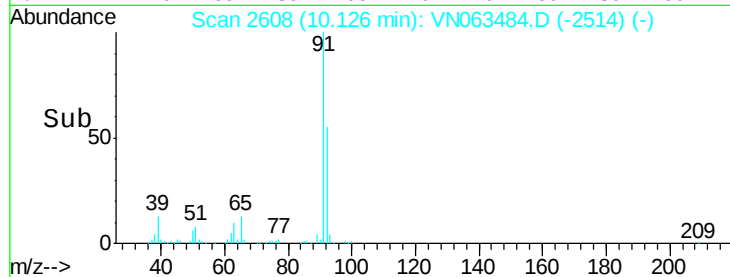
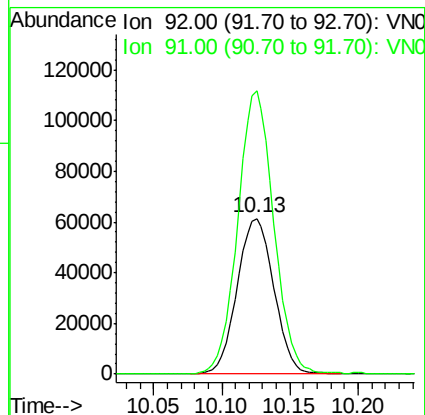
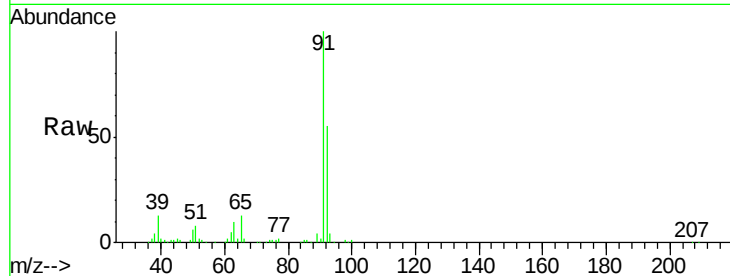
1799

Tot Ion: 92 Resp: 114961

Ion Ratio Lower Upper

92 100

91 177.9 139.7 209.5



#59

2-Hexanone

Concen: 4.865 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063484.D

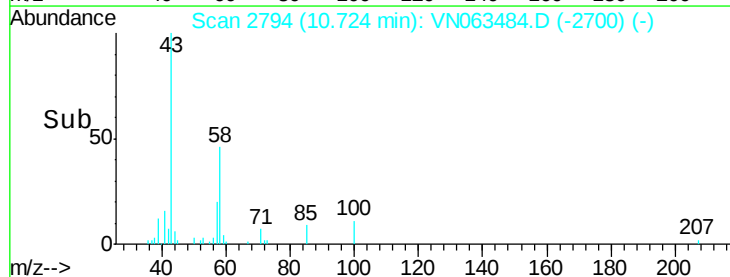
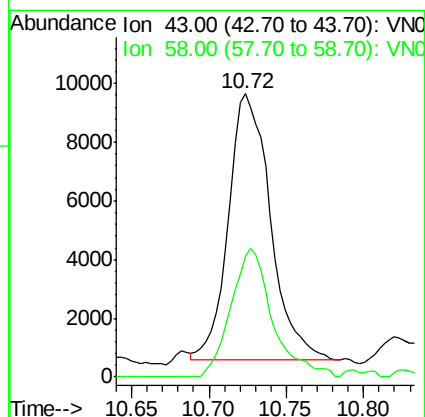
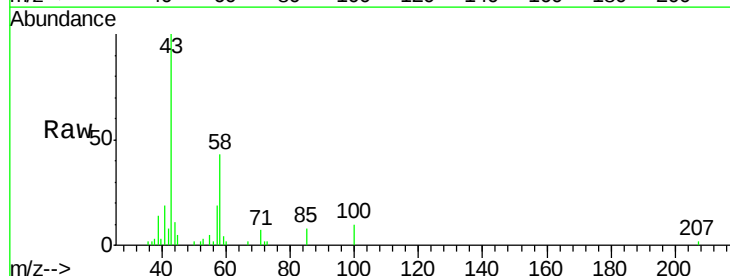
Acq: 21 Sep 2020 14:34

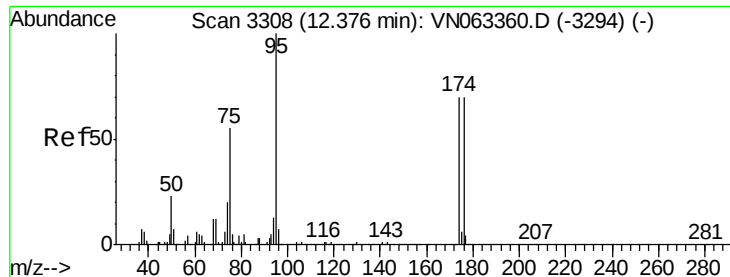
Tgt Ion: 43 Resp: 17162

Ion Ratio Lower Upper

43 100

58 47.5 24.7 74.1

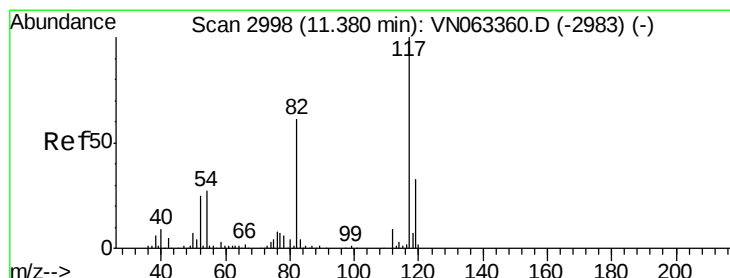
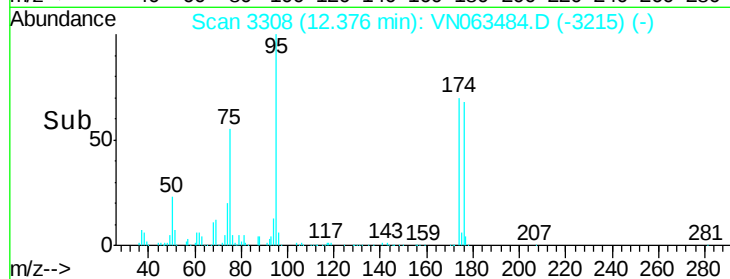
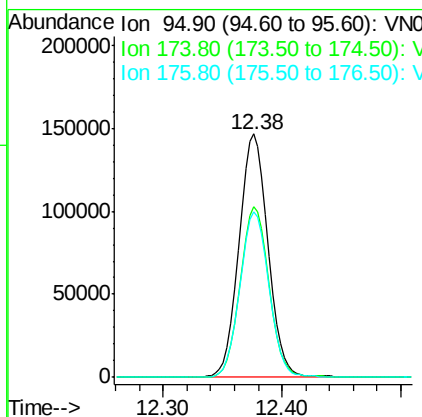
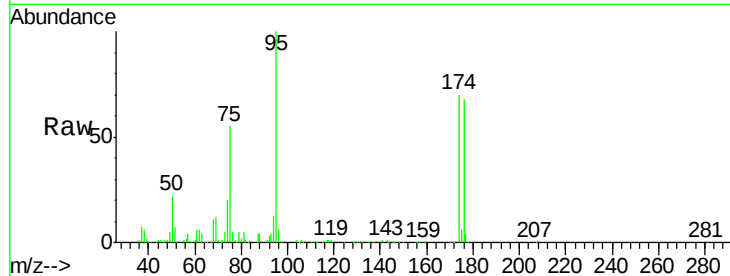




#62
4-Bromofluorobenzene
Concen: 55.778 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063484.D
Acq: 21 Sep 2020 14:34

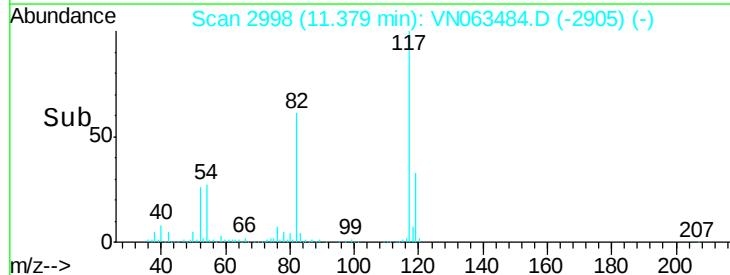
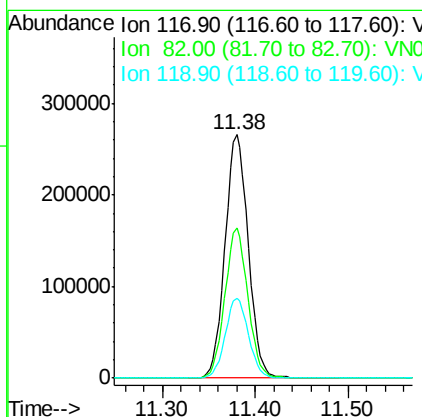
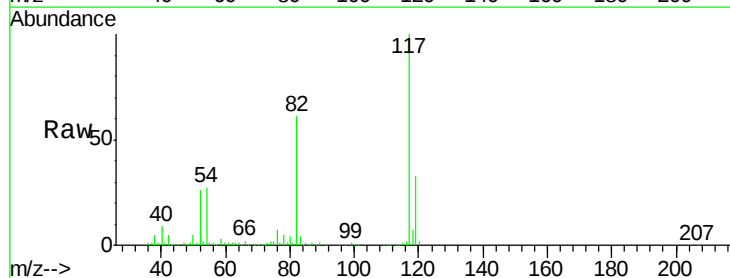
Instrument :
MSVOA_N
ClientSampleId :
1799

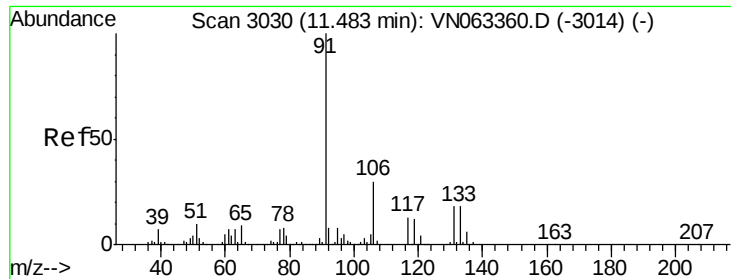
Tot Ion	95	Resp	247615
Ion Ratio	100		
Lower			
Upper			
174	70.0	0.0	140.8
176	68.2	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063484.D
Acq: 21 Sep 2020 14:34

Tgt Ion	117	Resp	461815
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	61.5	49.2	73.8
119	32.9	26.2	39.4





#67

Ethyl Benzene

Concen: 0.382 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

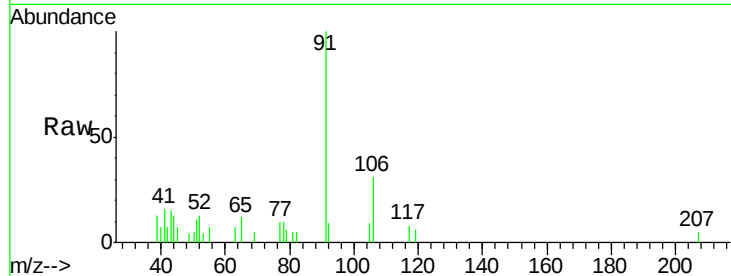
1799

Tot Ion: 91 Resp: 7058

Ion Ratio Lower Upper

91 100

106 31.0 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN063360.D (-3014) (-)

11.48

4000

3000

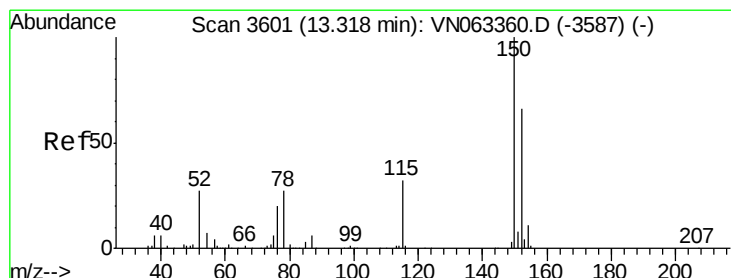
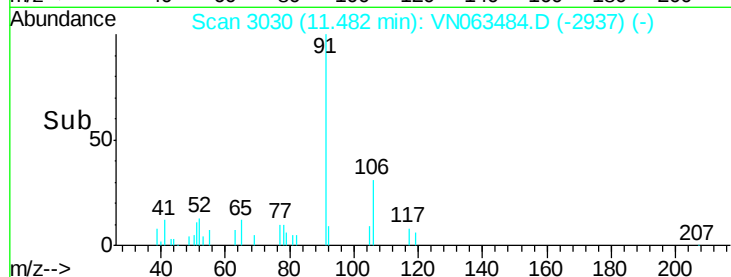
2000

1000

0

11.45 11.50

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063484.D

Acq: 21 Sep 2020 14:34

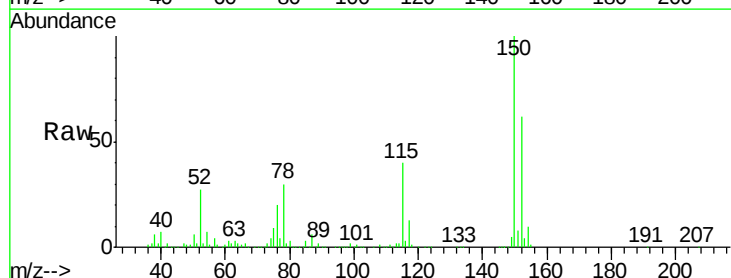
Tgt Ion: 152 Resp: 210595

Ion Ratio Lower Upper

152 100

115 64.9 32.2 96.6

150 158.5 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): VN063360.D (-3587) (-)

Ion 114.90 (114.60 to 115.60): VN063360.D (-3587) (-)

Ion 149.90 (149.60 to 150.60): VN063360.D (-3587) (-)

250000

200000

150000

100000

50000

0

13.30 13.40

Time-->

