

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063600.D
 Acq On : 23 Sep 2020 19:42
 Operator : JC/MD
 Sample : L4083-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D2-20200917

Manual Integrations
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Quant Time: Sep 24 04:09:22 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	194937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	375946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	374069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	154464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	174770	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
35) Dibromofluoromethane	7.55	113	125352	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	10.06	98	480626	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.38	95	185369	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
Target Compounds						
3) Chloromethane	2.04	50	2735	0.936	ug/l	89
16) Acetone	3.79	43	5569m	5.222	ug/l	
44) Trichloroethene	8.80	130	2443	0.881	ug/l	99
45) 1,2-Dichloropropane	9.09	63	6432	2.066	ug/l	99
52) Toluene	10.13	92	3478	0.506	ug/l	83

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

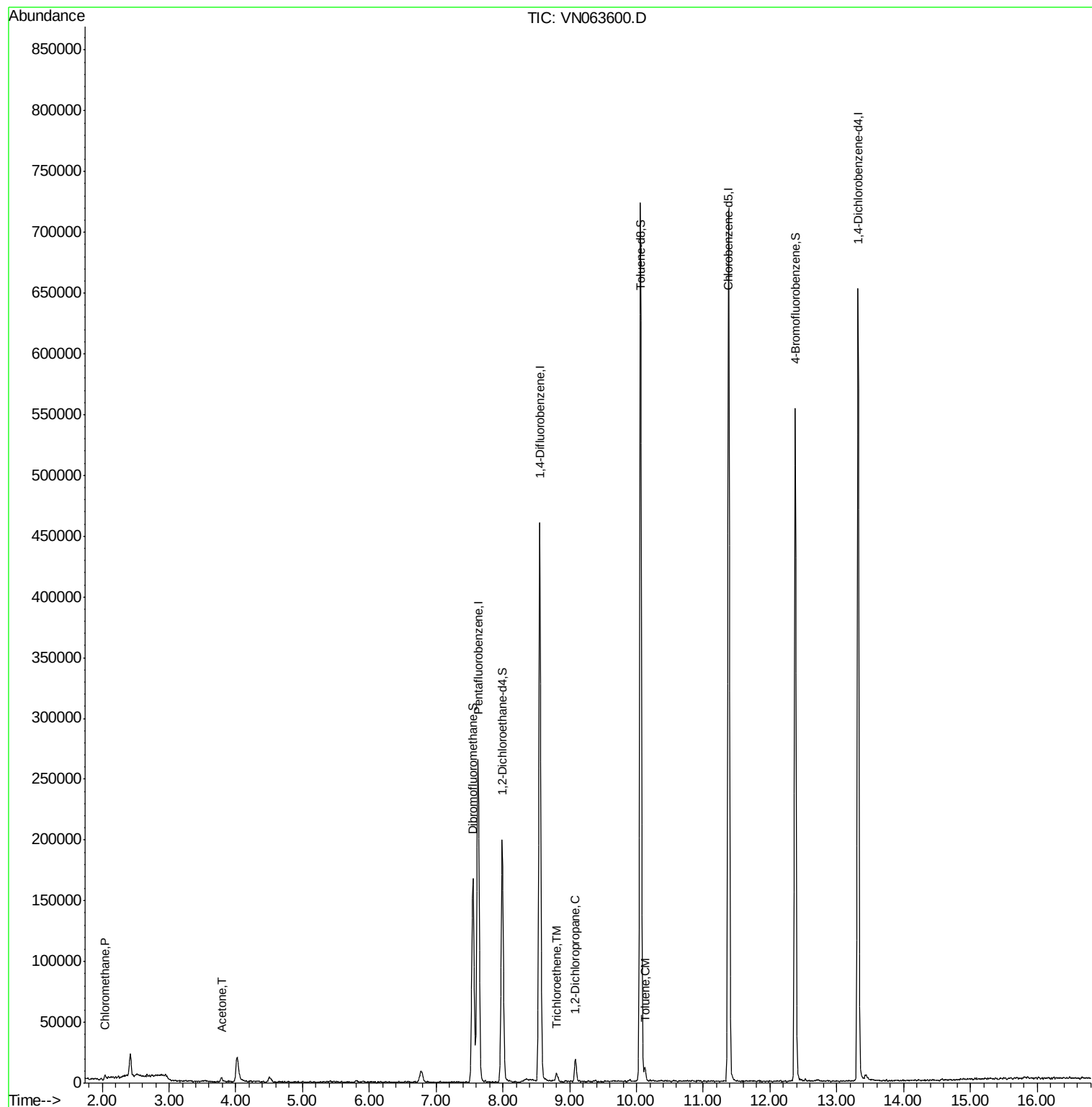
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063600.D
Acq On : 23 Sep 2020 19:42
Operator : JC/MD
Sample : L4083-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

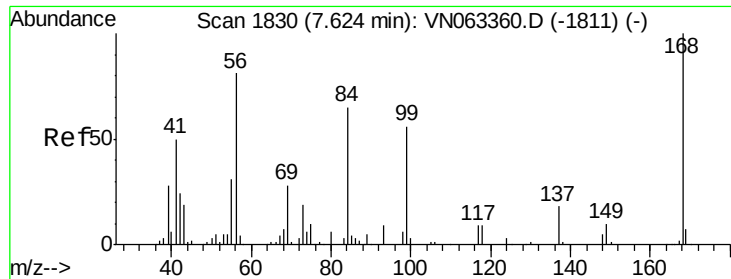
Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20200917

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Quant Time: Sep 24 04:09:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
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: VN063600.D

Acq: 23 Sep 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

RE135D2-20200917

Tot Ion:168 Resp: 194937

Ion Ratio Lower Upper

168 100

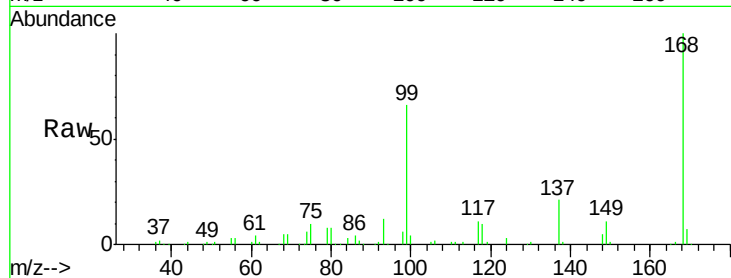
99 66.1 53.0 79.6

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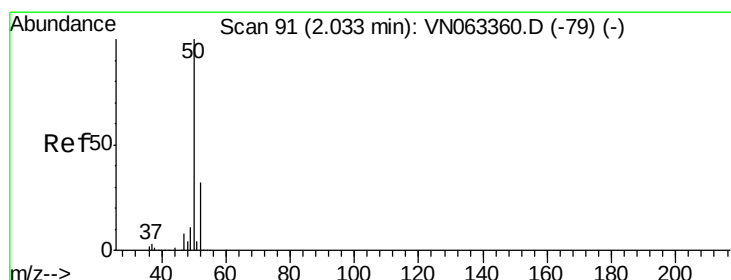
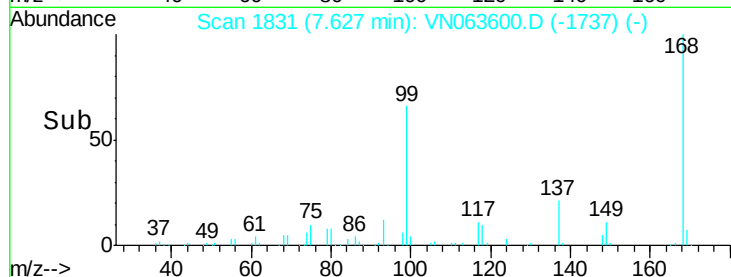
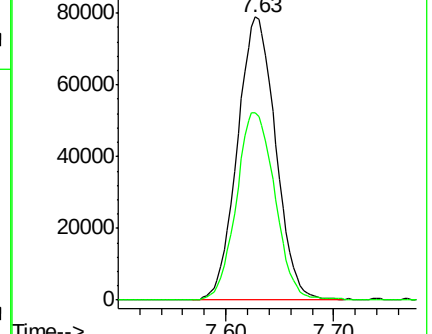
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.936 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.01 min

Lab File: VN063600.D

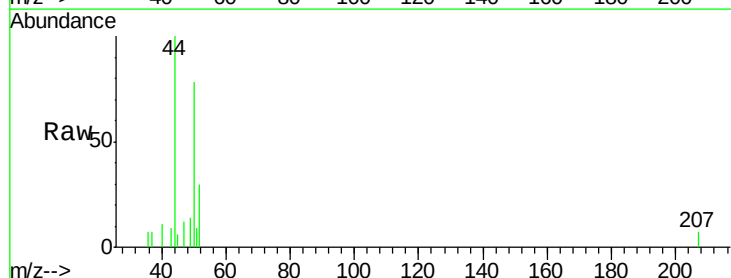
Acq: 23 Sep 2020 19:42

Tgt Ion: 50 Resp: 2735

Ion Ratio Lower Upper

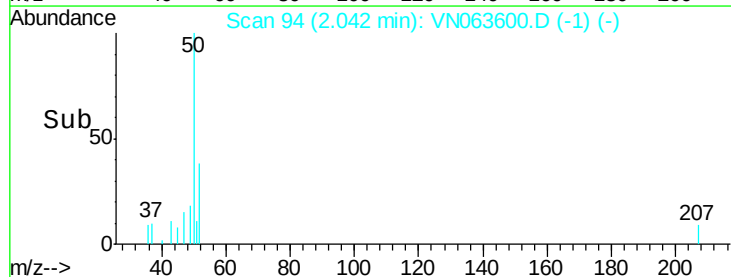
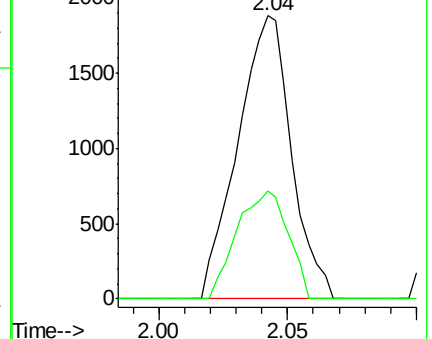
50 100

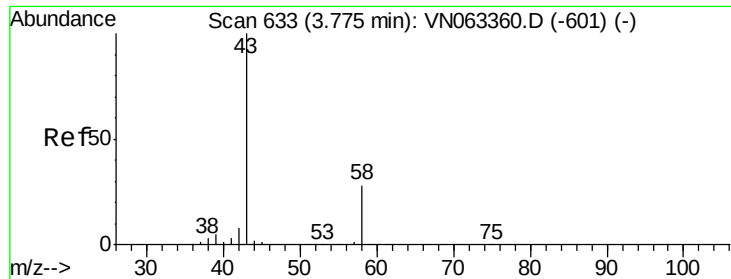
52 38.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





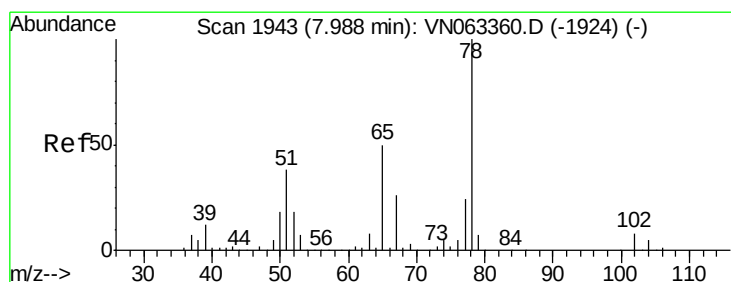
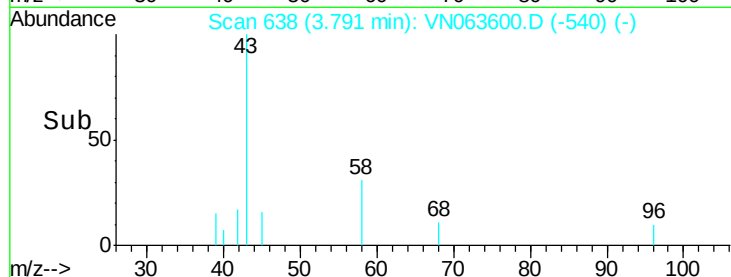
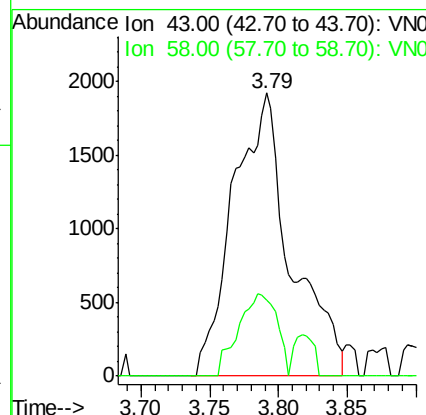
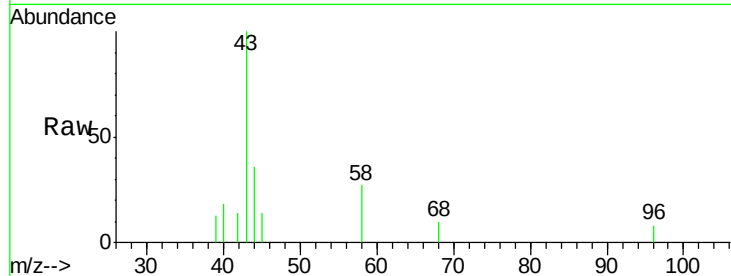
#16
Acetone
Concen: 5.222 ug/l m
RT: 3.79 min Scan# 638
Delta R.T. 0.02 min
Lab File: VN063600.D
Acq: 23 Sep 2020 19:42

Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20200917

Tot Ion: 43 Resp: 5569
Ion Ratio Lower Upper
43 100
58 26.9 22.3 33.5

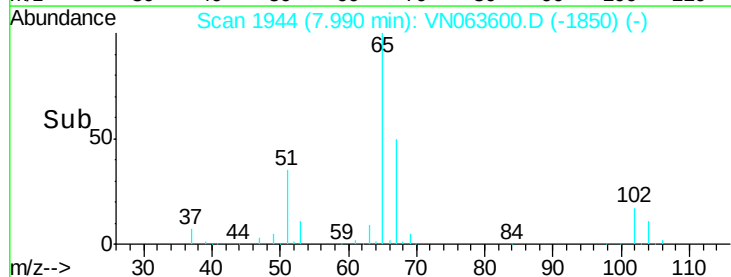
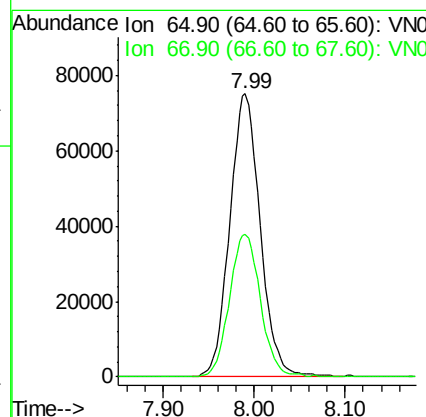
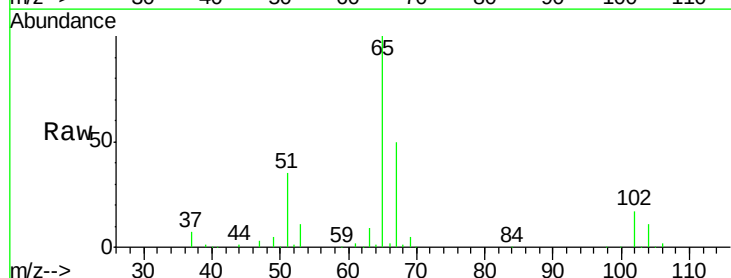
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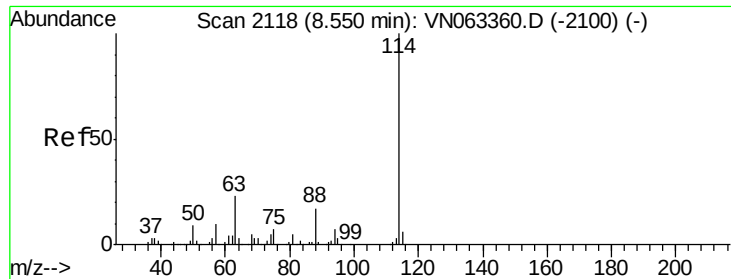
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#33
1,2-Dichloroethane-d4
Concen: 52.668 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063600.D
Acq: 23 Sep 2020 19:42

Tgt Ion: 65 Resp: 174770
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.2





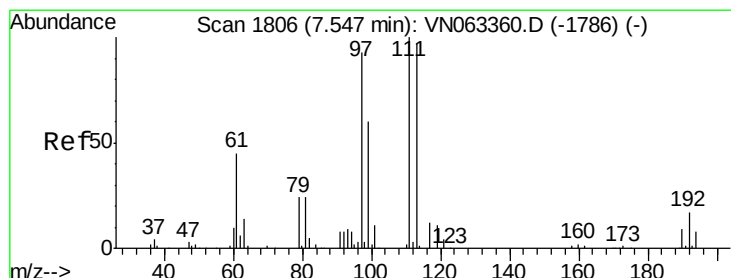
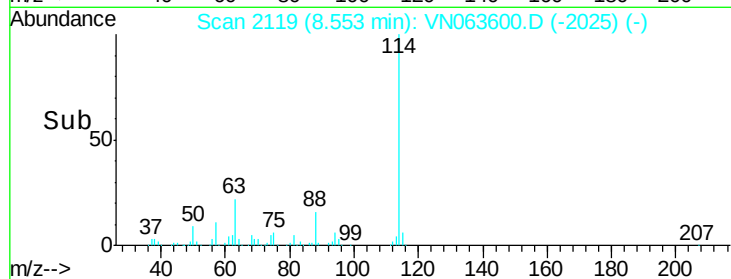
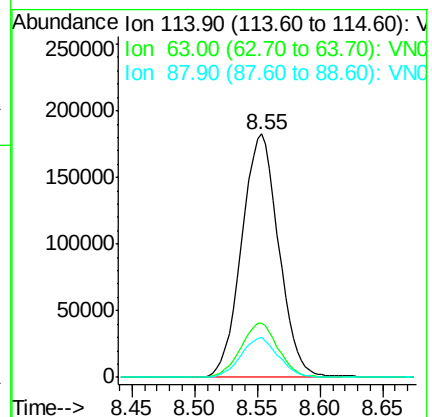
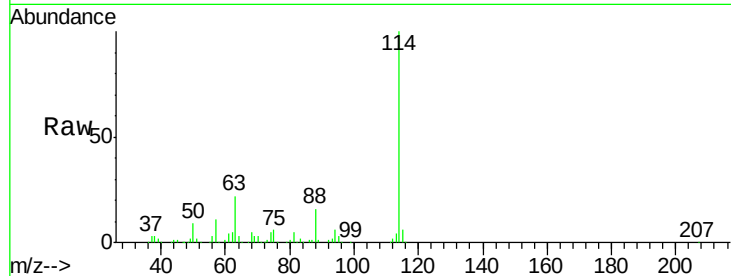
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063600.D
 Acq: 23 Sep 2020 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D2-20200917

Tot Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.3	0.0	46.4	
88	16.2	0.0	33.2	

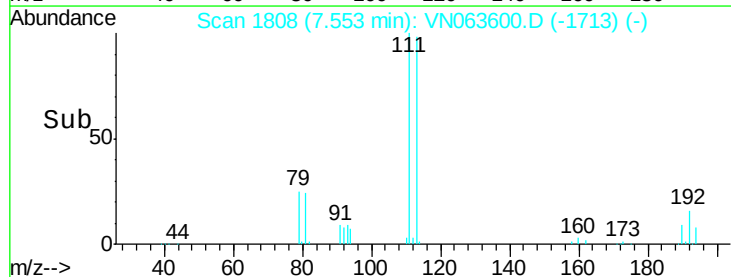
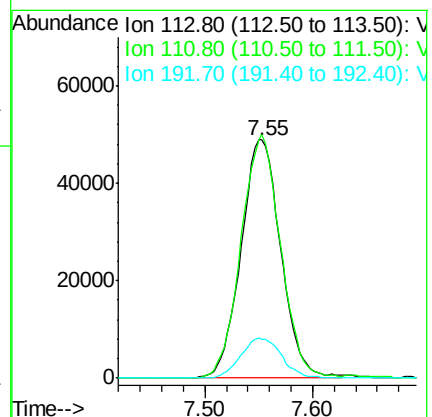
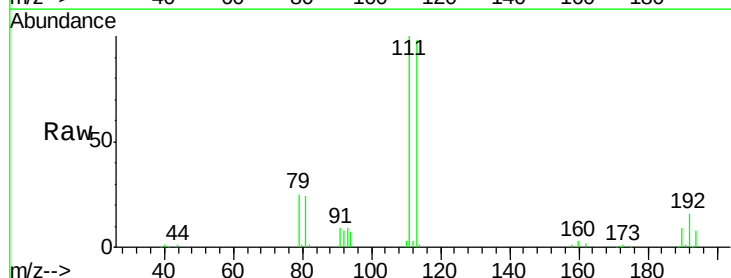
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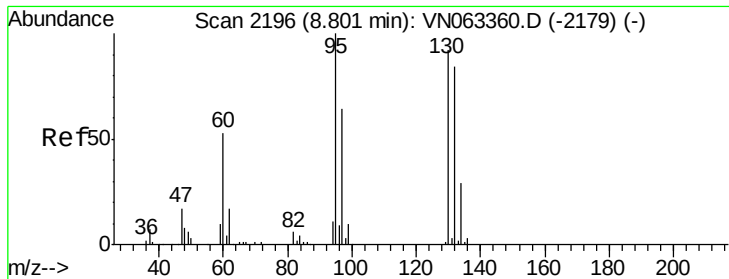
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#35
 Dibromofluoromethane
 Concen: 48.164 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063600.D
 Acq: 23 Sep 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.6	82.9	124.3	
192	17.3	13.9	20.9	





#44

Trichloroethene

Concen: 0.881 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063600.D

Acq: 23 Sep 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

RE135D2-20200917

Tot Ion:130 Resp: 2443

Ion Ratio Lower Upper

130 100

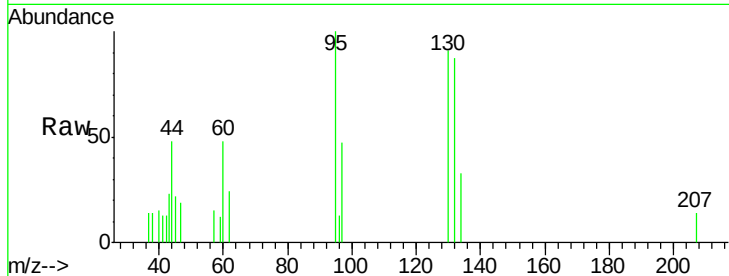
95 109.6 0.0 217.4

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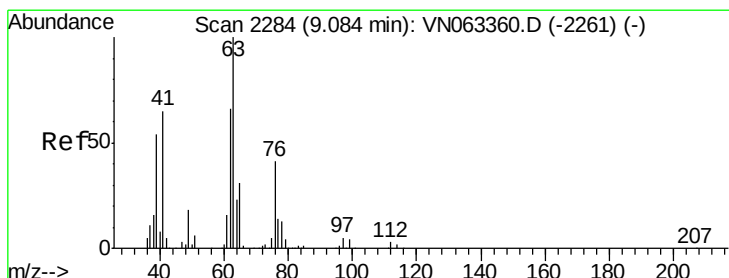
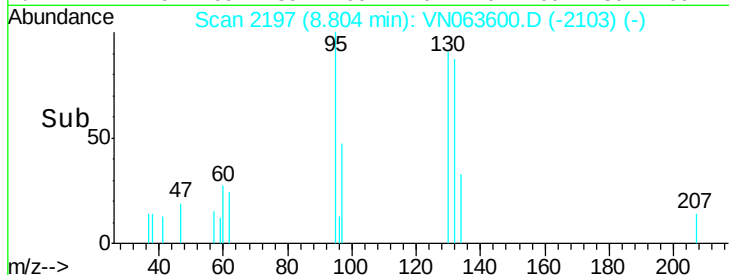
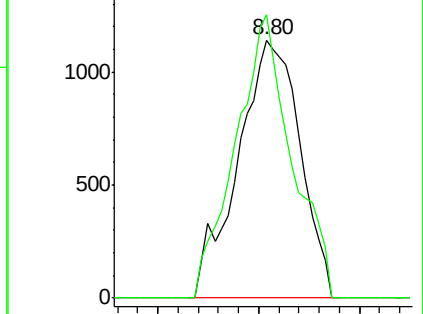
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#45

1,2-Dichloropropane

Concen: 2.066 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063600.D

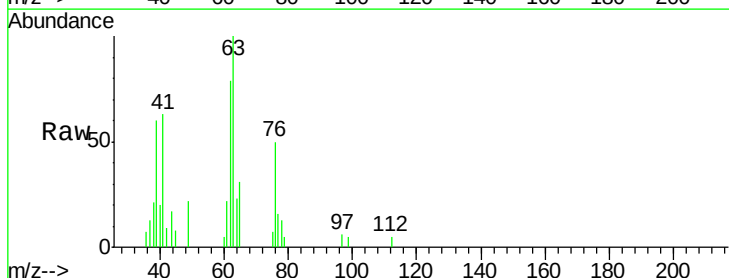
Acq: 23 Sep 2020 19:42

Tgt Ion: 63 Resp: 6432

Ion Ratio Lower Upper

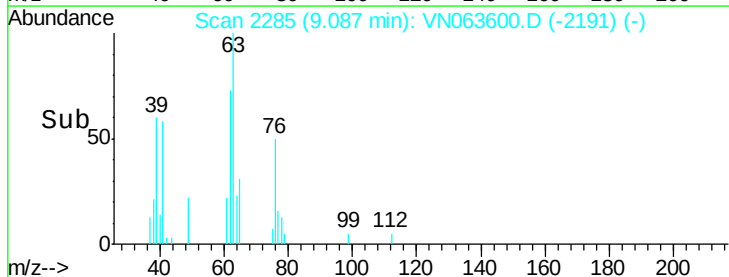
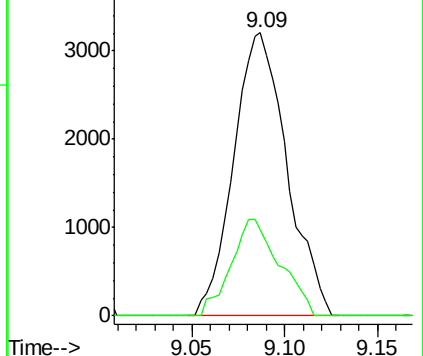
63 100

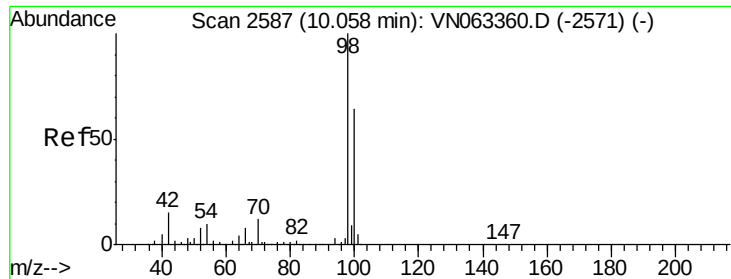
65 30.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





#50

Toluene-d8

Concen: 49.112 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063600.D

Acq: 23 Sep 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

RE135D2-20200917

Tot Ion: 98 Resp: 480626

Ion Ratio Lower Upper

98 100

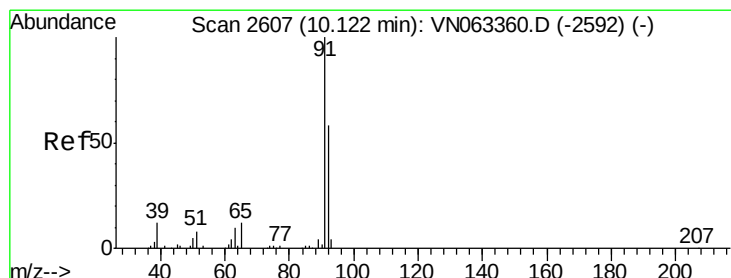
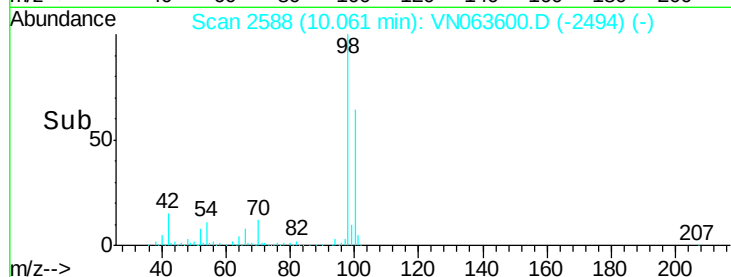
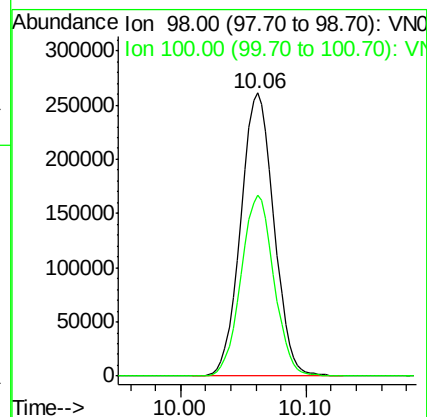
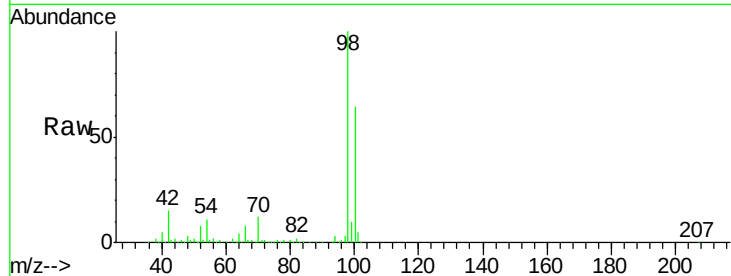
100 63.3 50.7 76.1

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#52

Toluene

Concen: 0.506 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063600.D

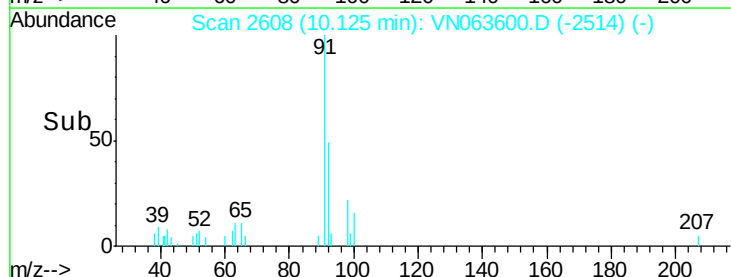
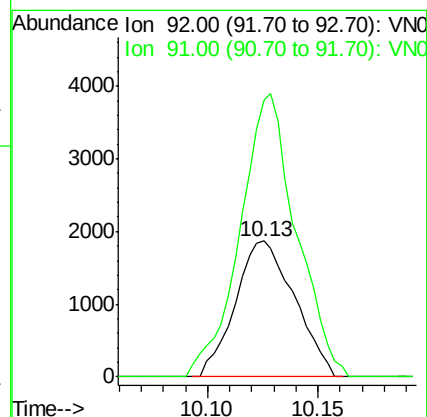
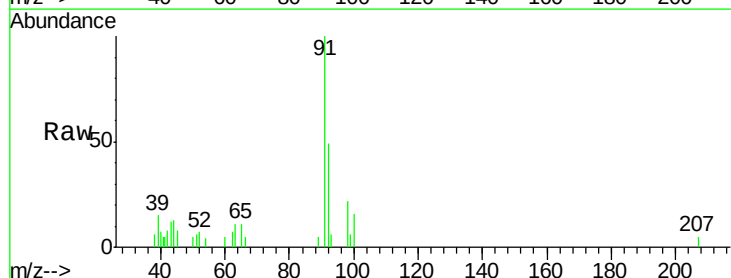
Acq: 23 Sep 2020 19:42

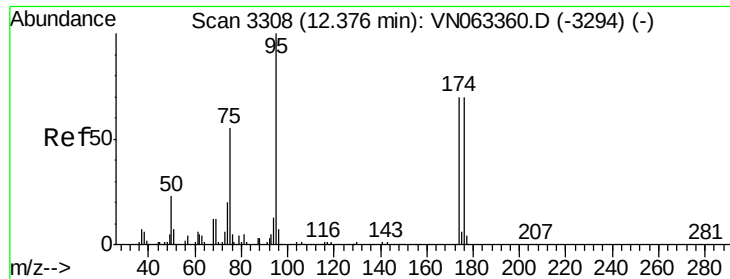
Tgt Ion: 92 Resp: 3478

Ion Ratio Lower Upper

92 100

91 198.2 139.7 209.5





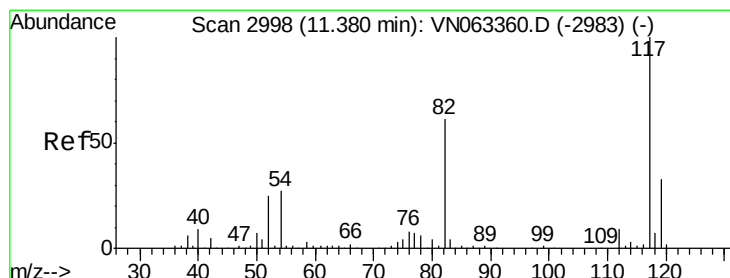
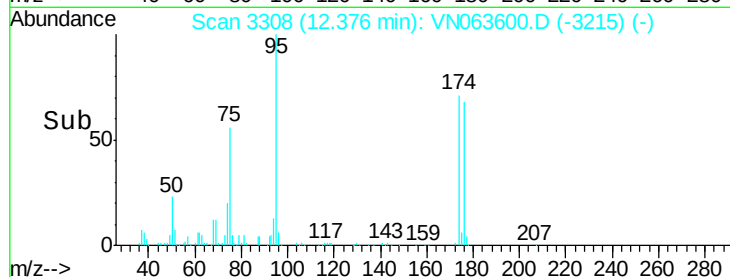
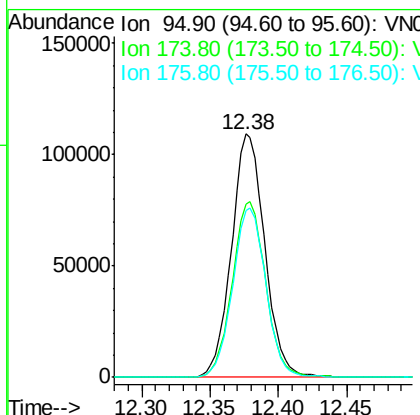
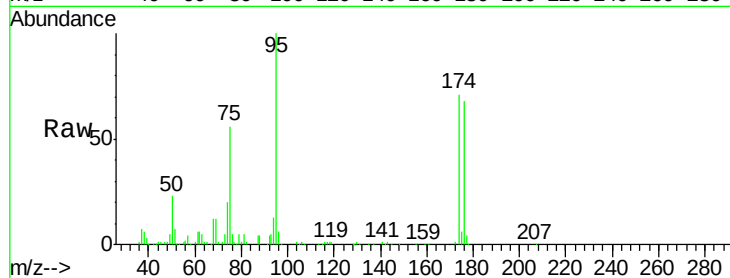
#62
4-Bromofluorobenzene
Concen: 51.671 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063600.D
Acq: 23 Sep 2020 19:42

Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20200917

Tot Ion	Ratio	Resp	Lower	Upper
95	100	185369		
174	72.7	0.0	140.8	
176	69.4	0.0	137.6	

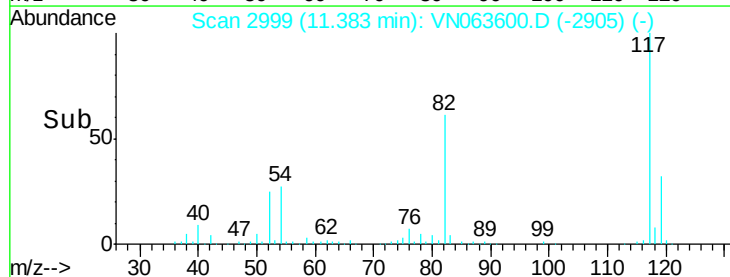
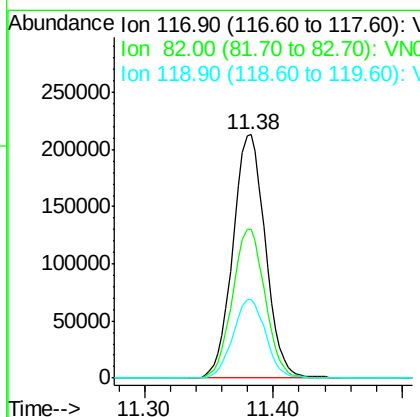
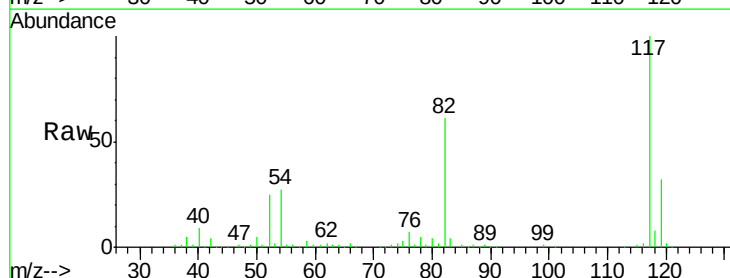
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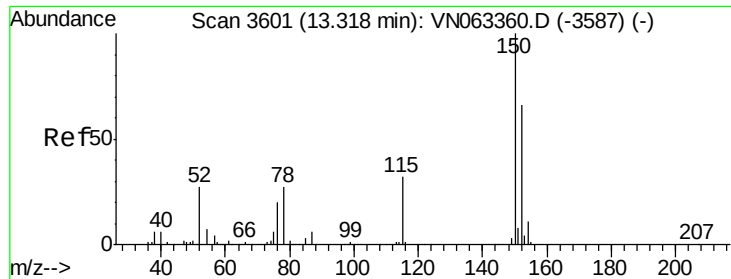
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063600.D
Acq: 23 Sep 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	374069		
82	61.3	49.2	73.8	
119	32.5	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: VN063600.D

Acq: 23 Sep 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

RE135D2-20200917

Tot Ion:	152	Resp:	154464
Ion Ratio	Lower	Upper	
152	100		
115	65.0	32.2	96.6
150	158.3	0.0	343.4

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