

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063431.D
 Acq On : 17 Sep 2020 20:00
 Operator : JC/MD
 Sample : L4015-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-5W-(D-4)

Manual Integrations
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Quant Time: Sep 18 04:12:49 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	225511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189803	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	7.55	113	138777	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	10.06	98	557834	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.38	95	221538	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
Target Compounds						
16) Acetone	3.78	43	14031	11.373	ug/l	100
18) Methyl Acetate	4.30	43	5555m	1.774	ug/l	
20) Methylene Chloride	4.51	84	13906	4.449	ug/l	95
43) Isopropyl Acetate	8.13	43	81295	10.259	ug/l	99

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

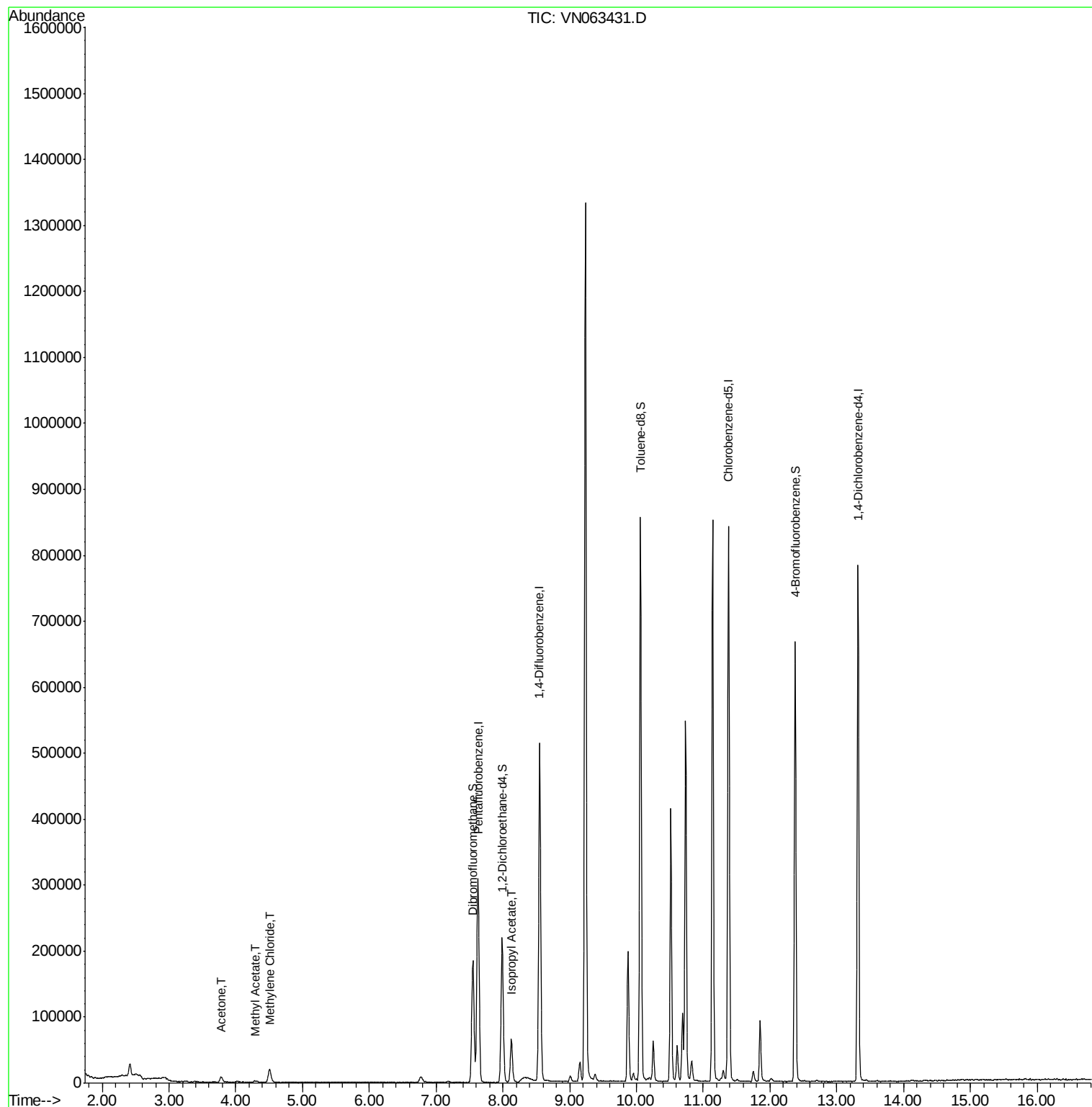
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091720\
Data File : VN063431.D
Acq On : 17 Sep 2020 20:00
Operator : JC/MD
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MSVOA_N
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REACTOR-5W-(D-4)

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Quant Time: Sep 18 04:12:49 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: VN063431.D

Acq: 17 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-5W-(D-4)

Tot Ion:168 Resp: 22511

Ion Ratio Lower Upper

168 100

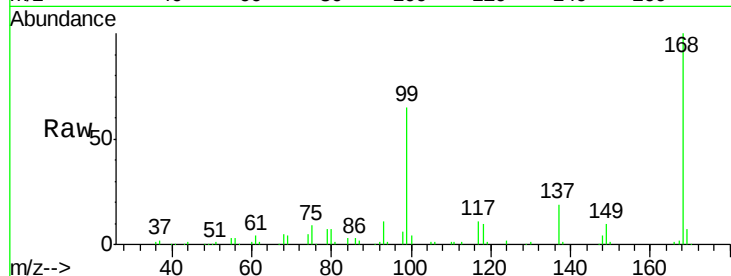
99 64.8 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

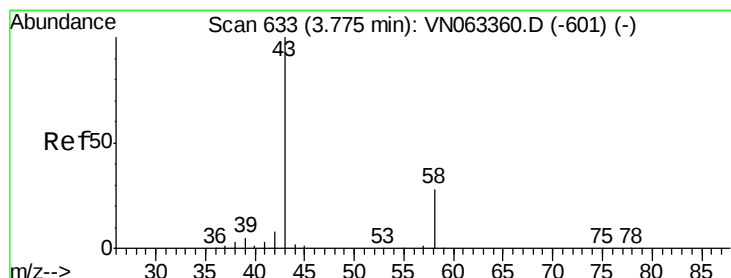
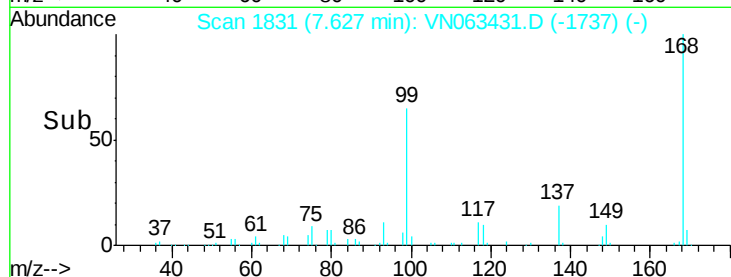
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.373 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063431.D

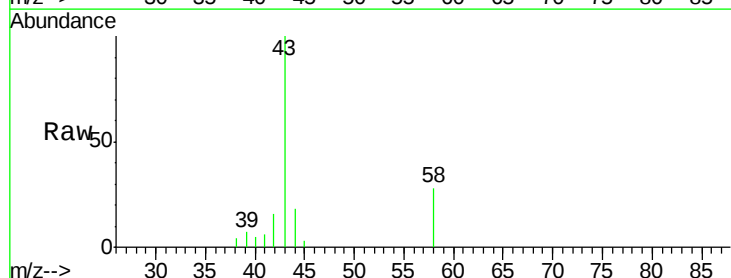
Acq: 17 Sep 2020 20:00

Tgt Ion: 43 Resp: 14031

Ion Ratio Lower Upper

43 100

58 28.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

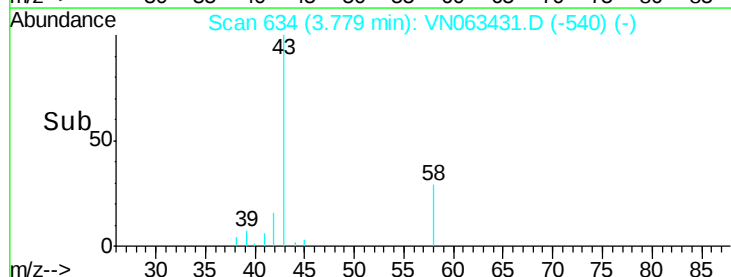
3000

2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90





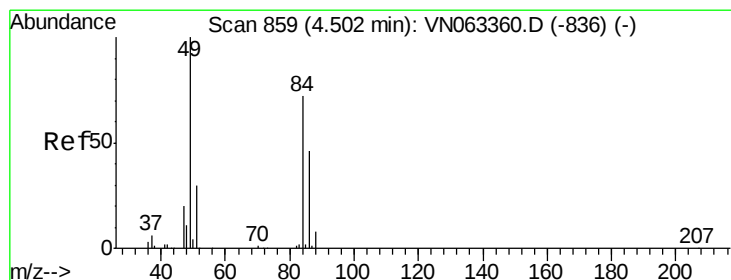
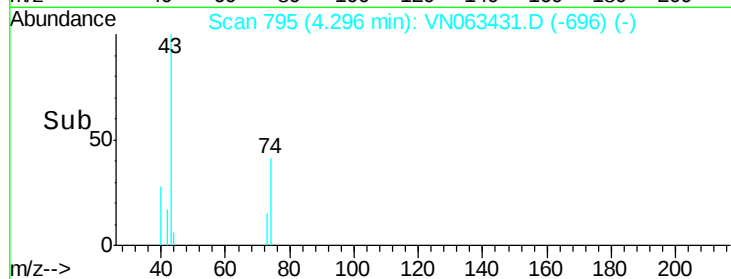
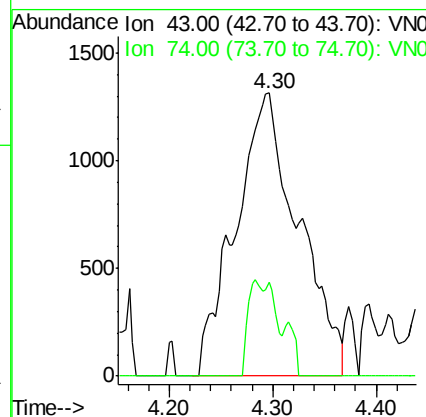
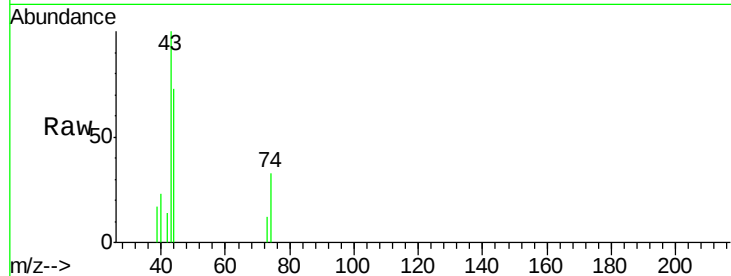
#18
Methyl Acetate
Concen: 1.774 ug/l m
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN063431.D
Acq: 17 Sep 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(D-4)

Tot Ion: 43 Resp: 5555
Ion Ratio Lower Upper
43 100
74 7.9 17.4 26.2#

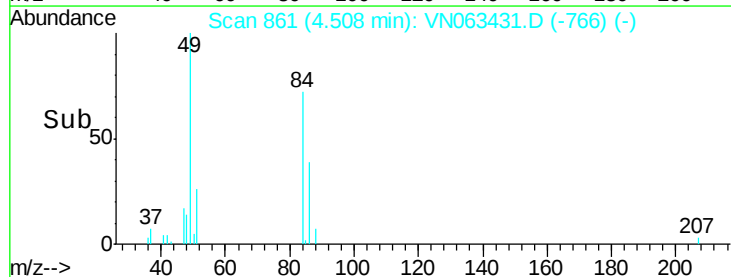
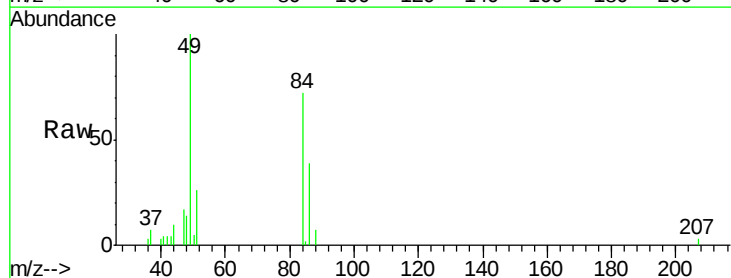
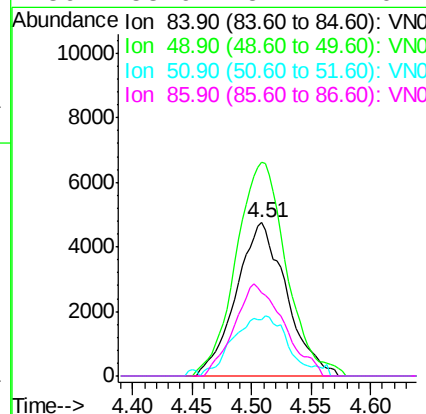
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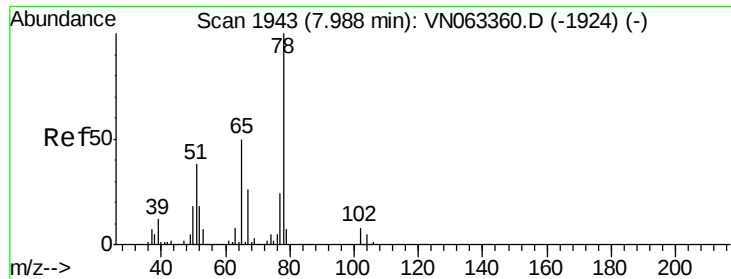
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#20
Methylene Chloride
Concen: 4.449 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063431.D
Acq: 17 Sep 2020 20:00

Tgt Ion: 84 Resp: 13906
Ion Ratio Lower Upper
84 100
49 139.4 110.7 166.1
51 36.8 32.9 49.3
86 53.9 51.1 76.7





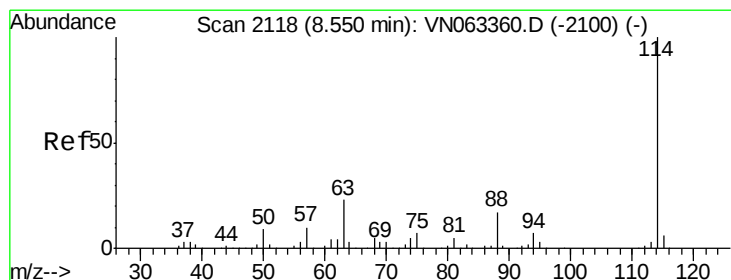
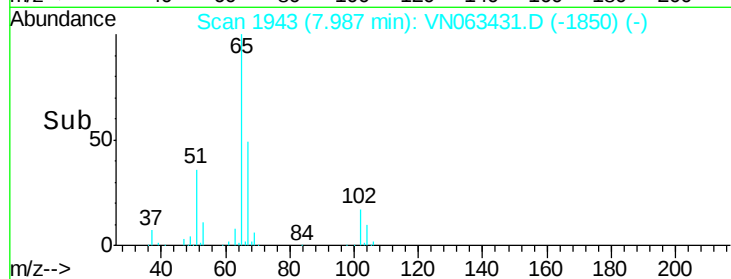
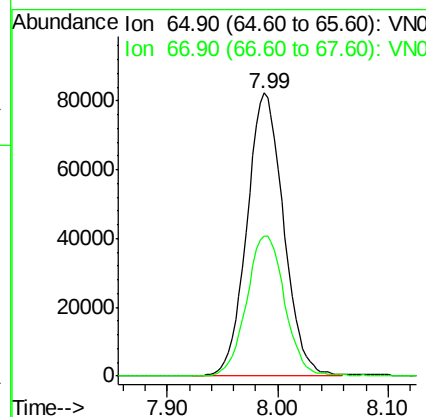
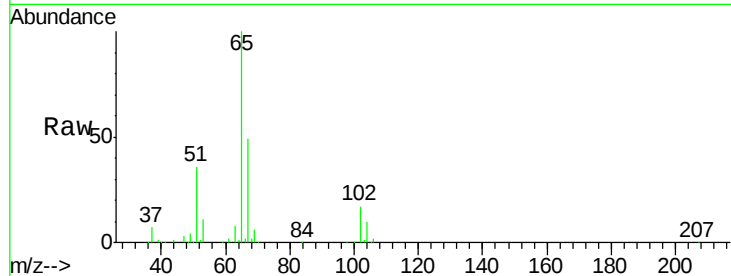
#33
 1,2-Dichloroethane-d4
 Concen: 49.443 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063431.D
 Acq: 17 Sep 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-5W-(D-4)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	189803		
67	51.5	0.0	104.2	

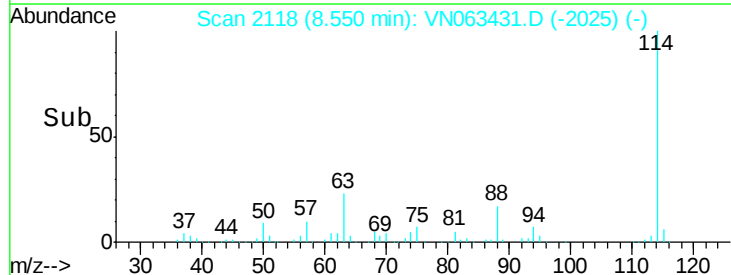
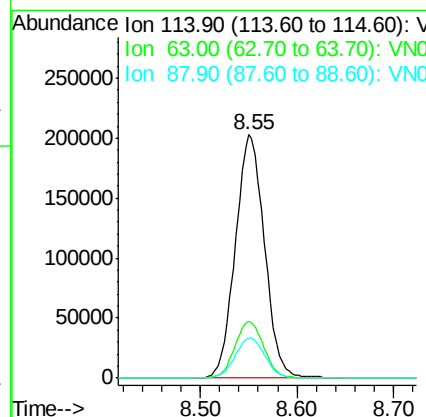
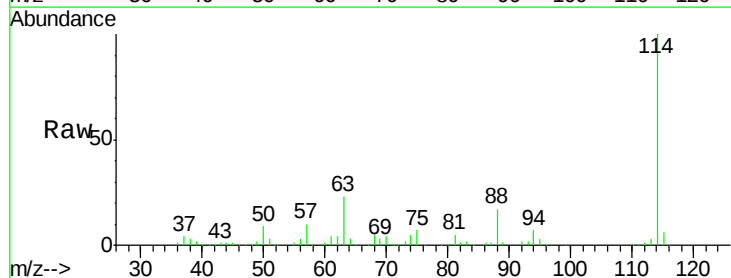
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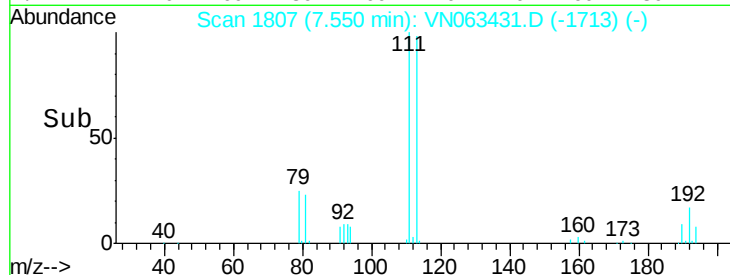
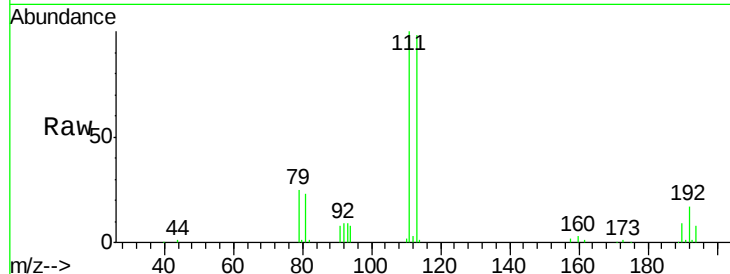
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063431.D
 Acq: 17 Sep 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	423819		
63	23.1	0.0	46.4	
88	16.5	0.0	33.2	





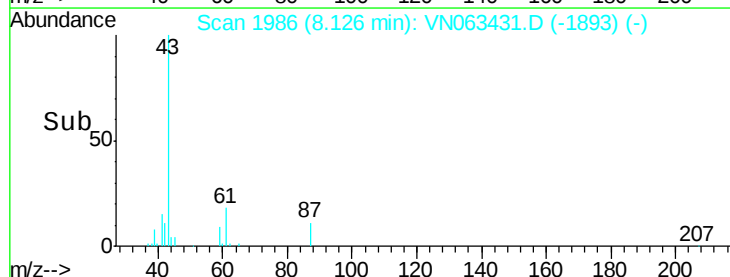
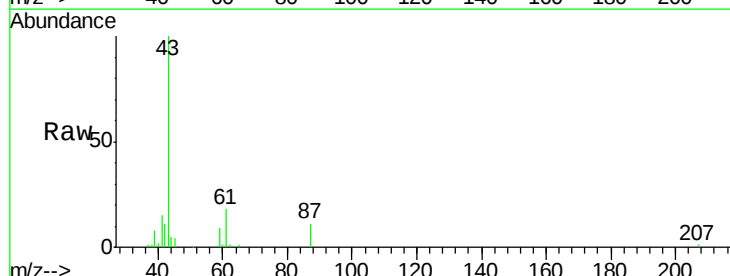
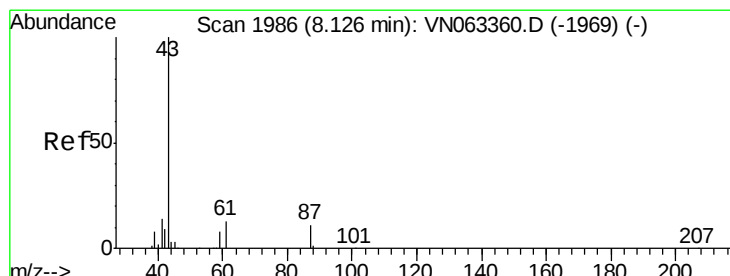
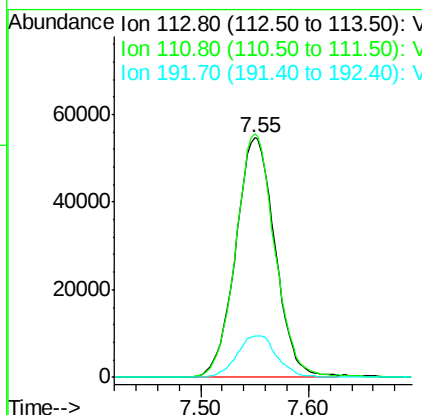
#35
Dibromofluoromethane
Concen: 47.299 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063431.D
Acq: 17 Sep 2020 20:00

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	100.3	82.9	124.3	
192	17.5	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(D-4)

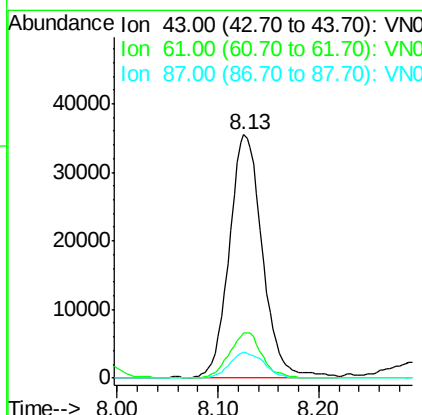
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#43
Isopropyl Acetate
Concen: 10.259 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063431.D
Acq: 17 Sep 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	18.2	14.2	21.2	
87	10.7	9.0	13.6	





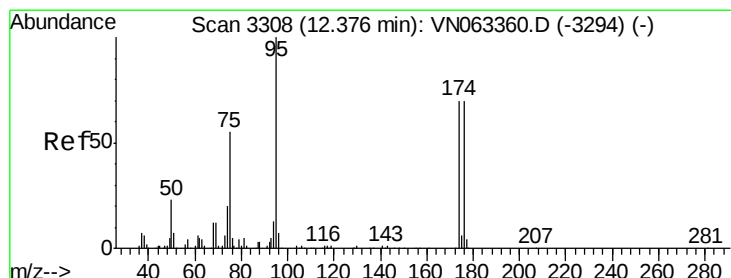
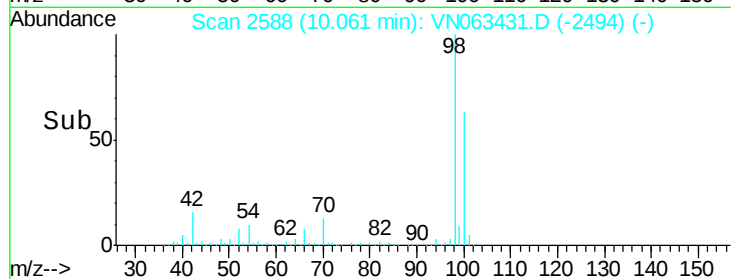
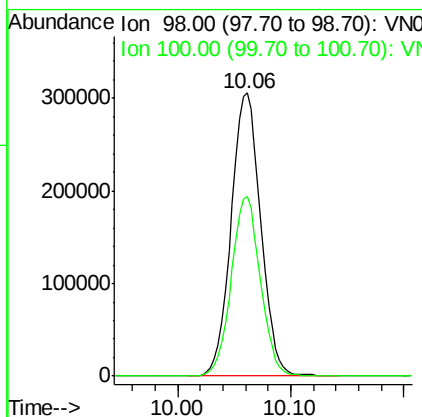
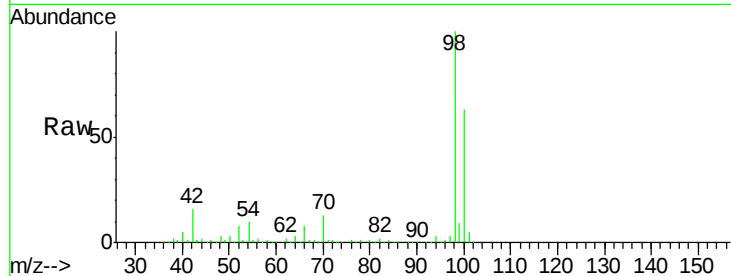
#50
Toluene-d8
Concen: 50.563 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063431.D
Acq: 17 Sep 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(D-4)

Tot Ion: 98 Resp: 557834
Ion Ratio Lower Upper
98 100
100 62.1 50.7 76.1

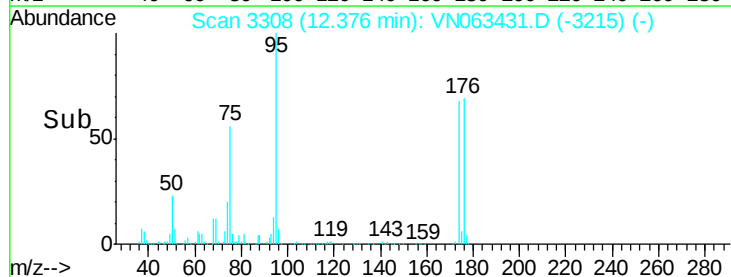
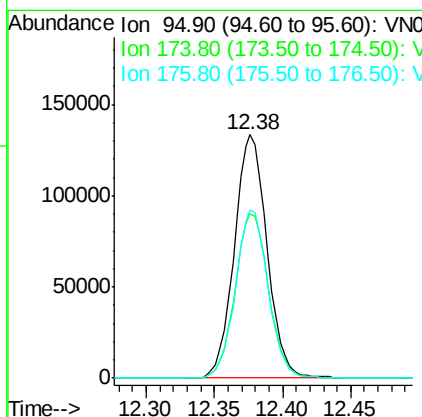
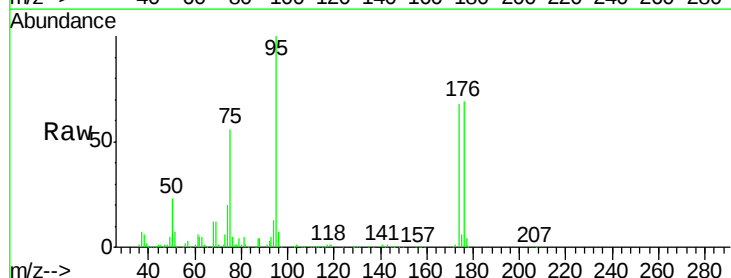
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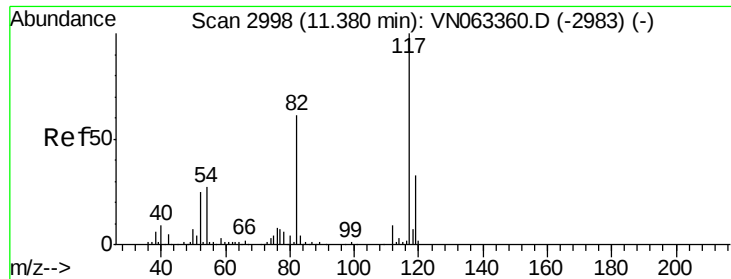
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#62
4-Bromofluorobenzene
Concen: 54.778 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063431.D
Acq: 17 Sep 2020 20:00

Tgt Ion: 95 Resp: 221538
Ion Ratio Lower Upper
95 100
174 69.4 0.0 140.8
176 69.0 0.0 137.6





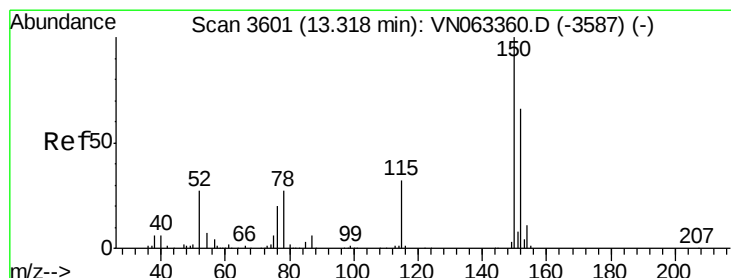
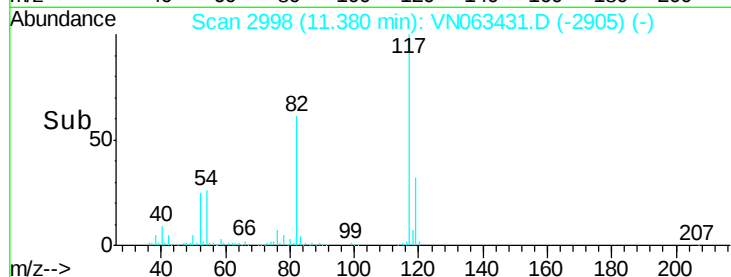
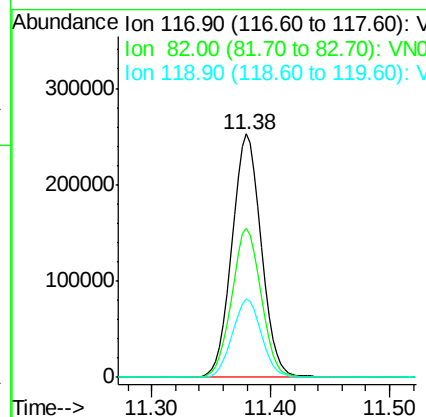
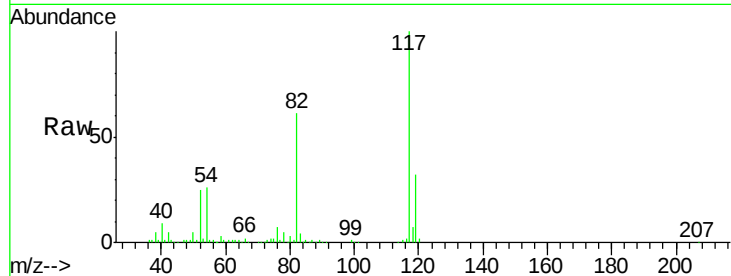
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063431.D
Acq: 17 Sep 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(D-4)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	431333		
82	61.4	49.2	73.8	
119	32.1	26.2	39.4	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063431.D
Acq: 17 Sep 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	186744		
115	63.8	32.2	96.6	
150	157.0	0.0	343.4	

