

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063425.D
 Acq On : 17 Sep 2020 17:37
 Operator : JC/MD
 Sample : L4015-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-5W-(B-0)

Manual Integrations
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Quant Time: Sep 18 04:02:50 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	224967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	184865	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	7.55	113	134380	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
50) Toluene-d8	10.06	98	543280	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.38	95	214280	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
Target Compounds						
16) Acetone	3.78	43	13789	11.204	ug/l	91
18) Methyl Acetate	4.29	43	4871m	1.559	ug/l	
20) Methylene Chloride	4.50	84	13446	4.312	ug/l	95
43) Isopropyl Acetate	8.13	43	78516	9.961	ug/l	98

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

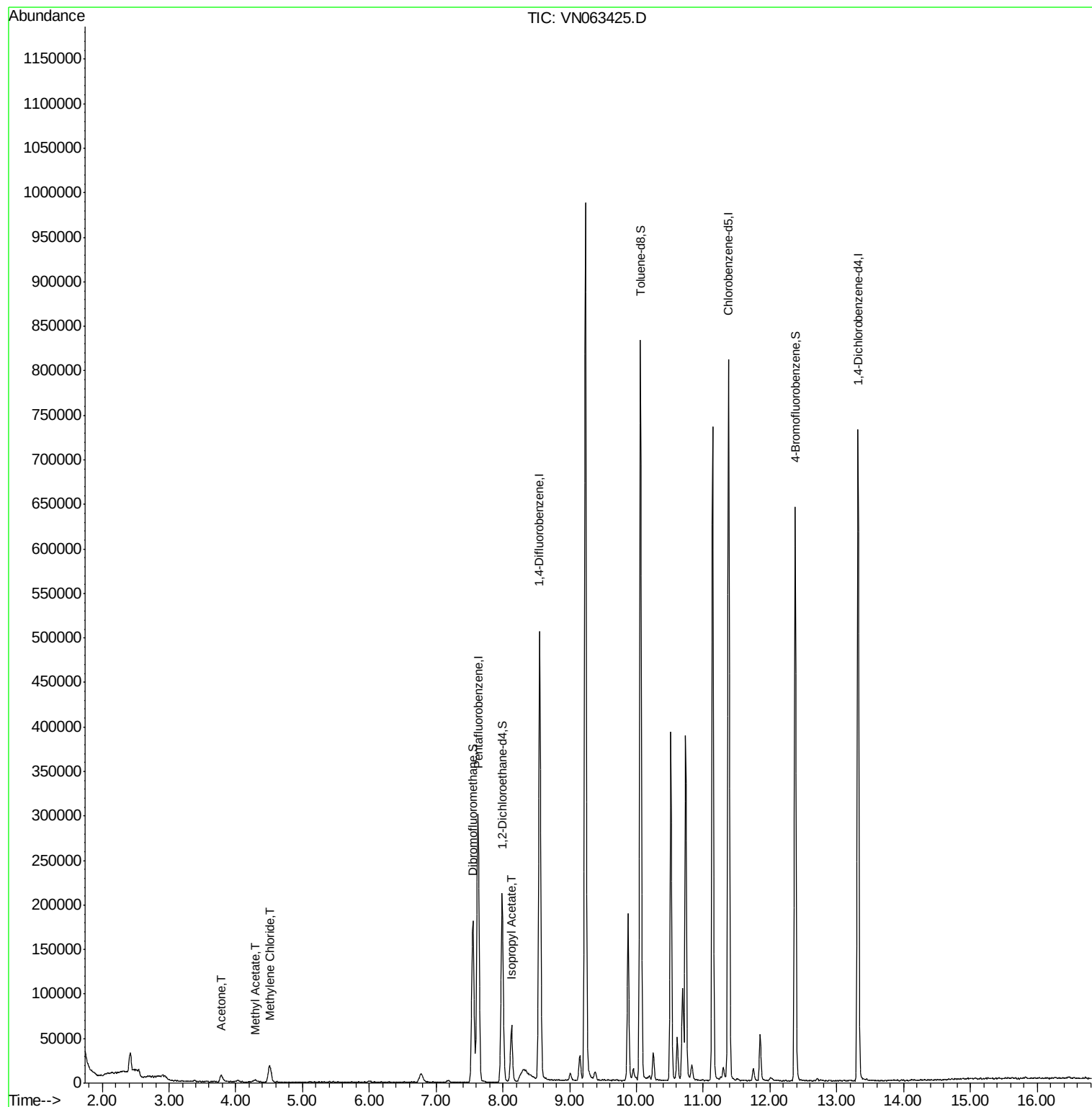
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091720\
Data File : VN063425.D
Acq On : 17 Sep 2020 17:37
Operator : JC/MD
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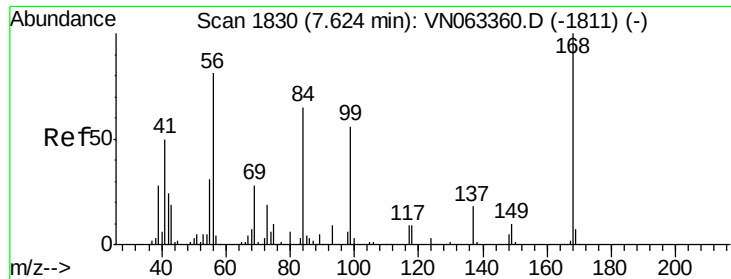
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(B-0)

Manual Integrations
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Quant Time: Sep 18 04:02:50 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: VN063425.D

Acq: 17 Sep 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-5W-(B-0)

Tot Ion:168 Resp: 224967

Ion Ratio Lower Upper

168 100

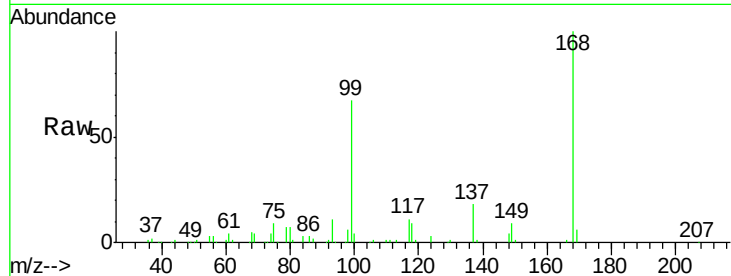
99 66.7 53.0 79.6

Manual Integrations

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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

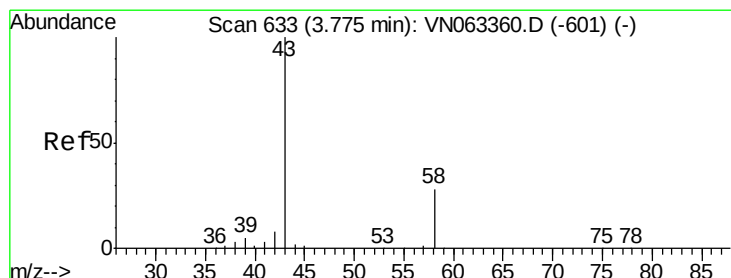
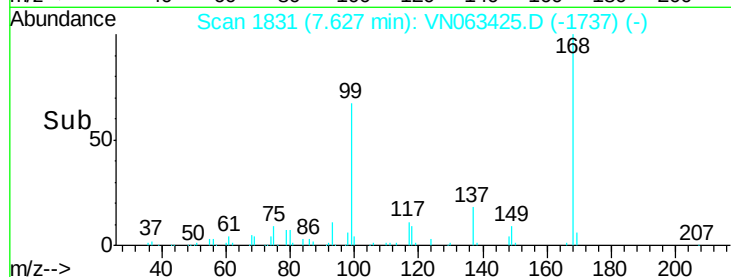
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.204 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063425.D

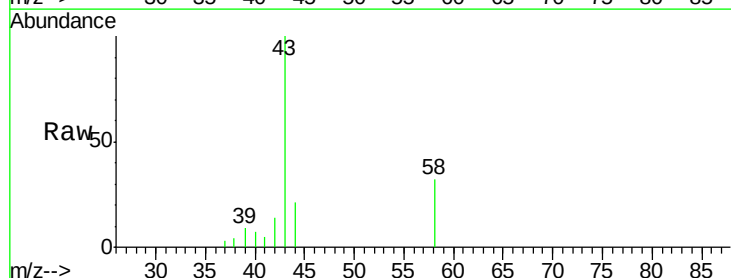
Acq: 17 Sep 2020 17:37

Tgt Ion: 43 Resp: 13789

Ion Ratio Lower Upper

43 100

58 32.8 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

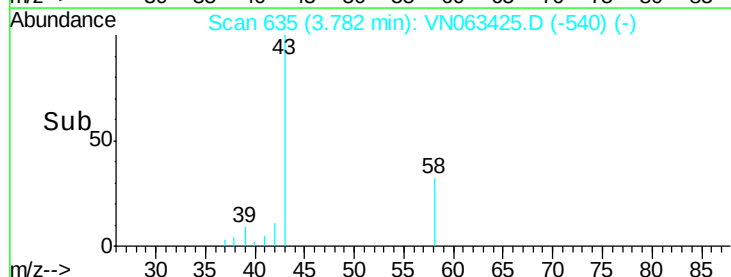
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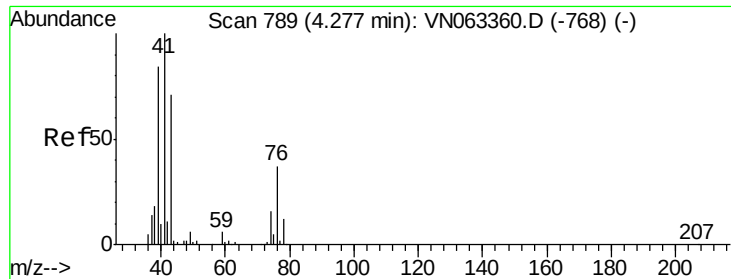
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90





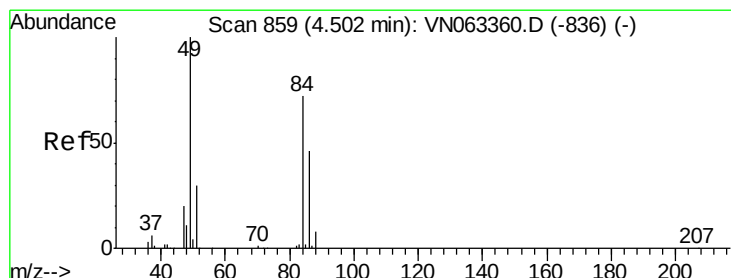
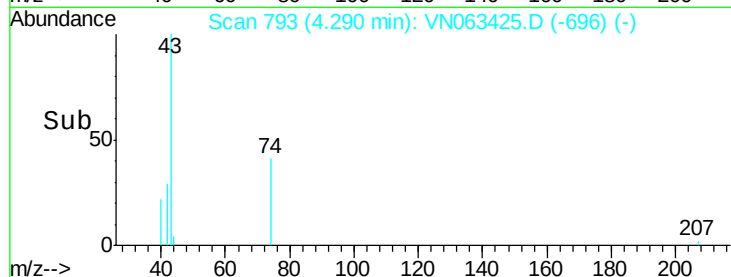
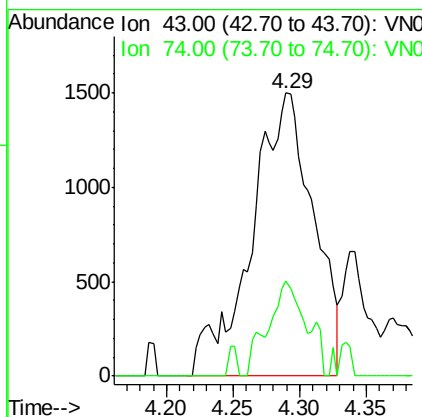
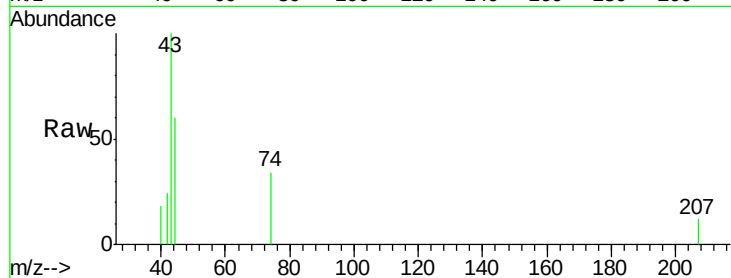
#18
Methvl Acetate
Concen: 1.559 ug/l m
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063425.D
Acq: 17 Sep 2020 17:37

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(B-0)

Tot Ion: 43 Resp: 4871
Ion Ratio Lower Upper
43 100
74 17.8 17.4 26.2

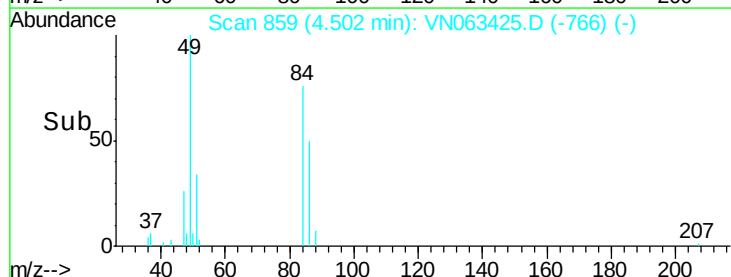
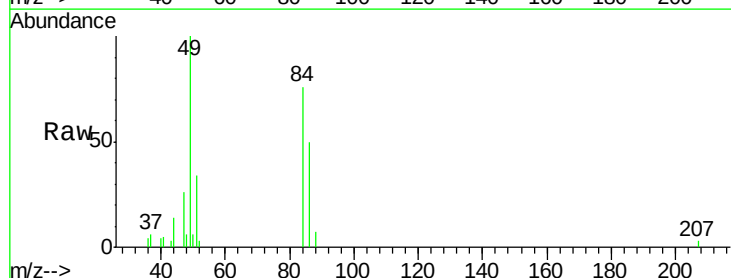
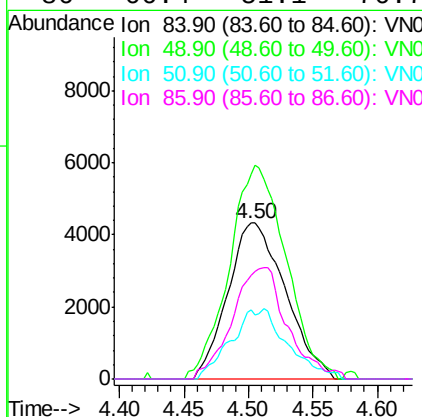
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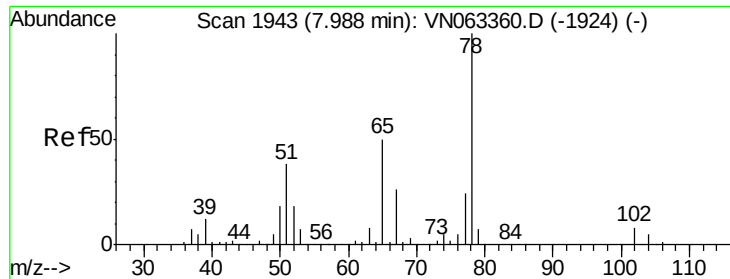
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#20
Methylene Chloride
Concen: 4.312 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063425.D
Acq: 17 Sep 2020 17:37

Tgt Ion: 84 Resp: 13446
Ion Ratio Lower Upper
84 100
49 131.6 110.7 166.1
51 44.3 32.9 49.3
86 66.4 51.1 76.7





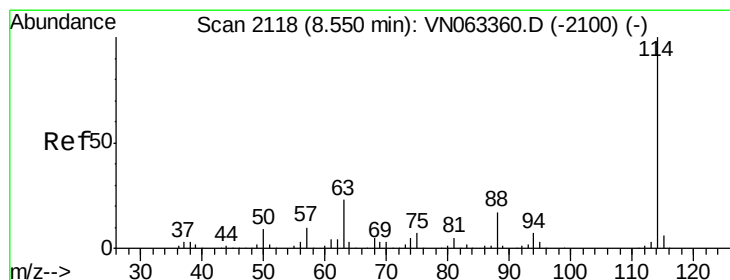
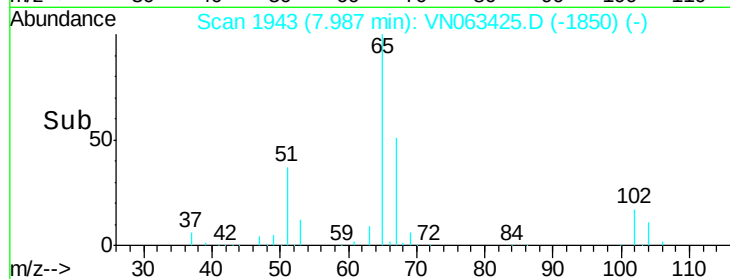
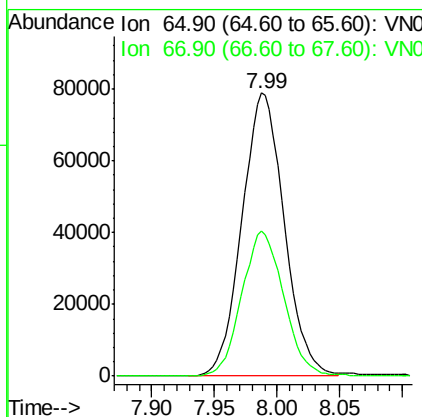
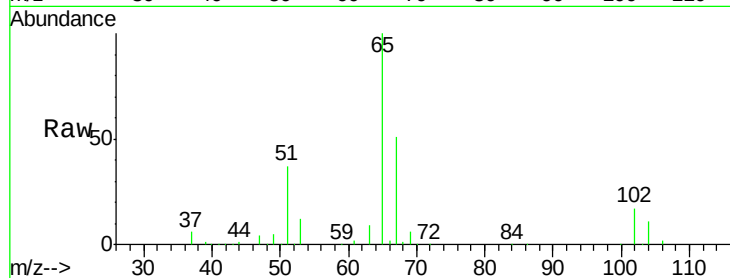
#33
 1,2-Dichloroethane-d4
 Concen: 48.274 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063425.D
 Acq: 17 Sep 2020 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-5W-(B-0)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	184865		
67	51.0	0.0	104.2	

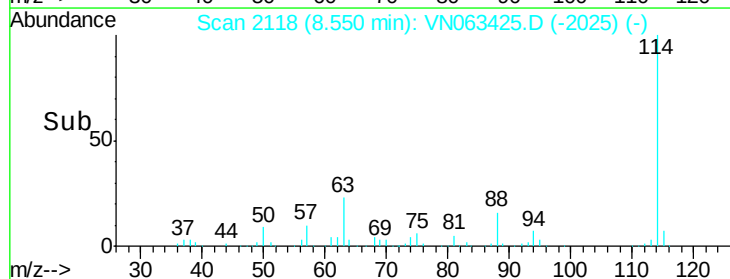
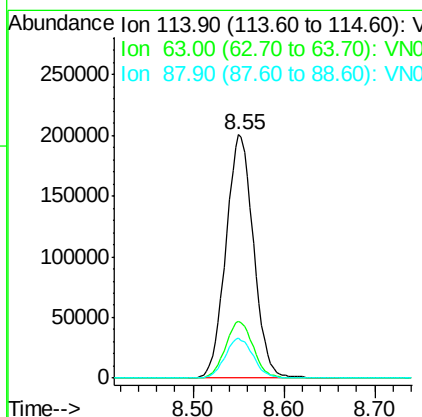
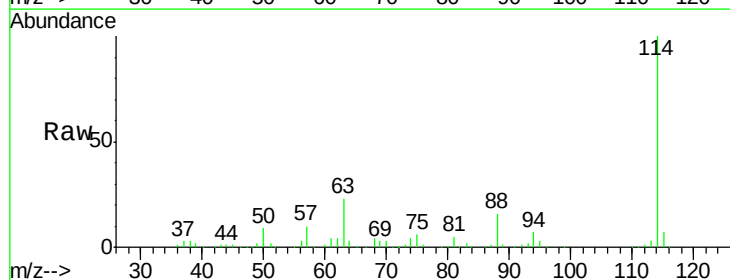
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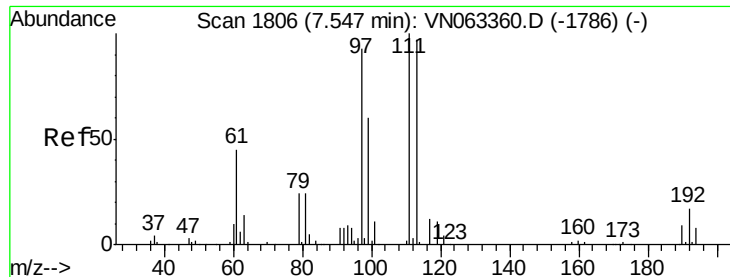
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063425.D
 Acq: 17 Sep 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	421602		
63	23.4	0.0	46.4	
88	16.2	0.0	33.2	





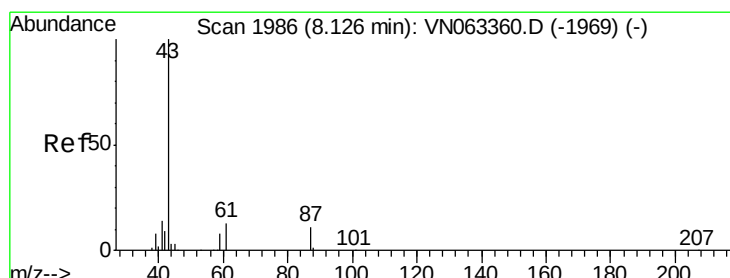
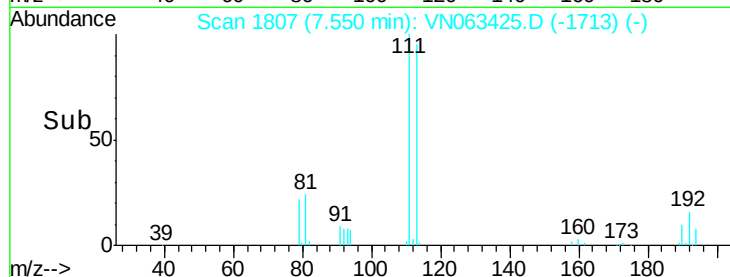
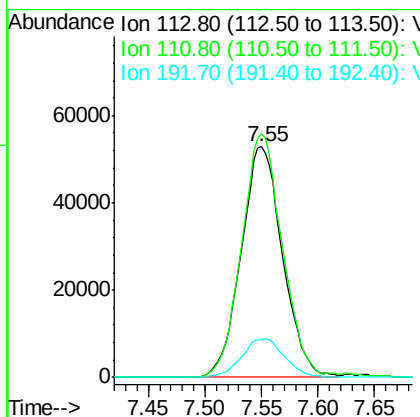
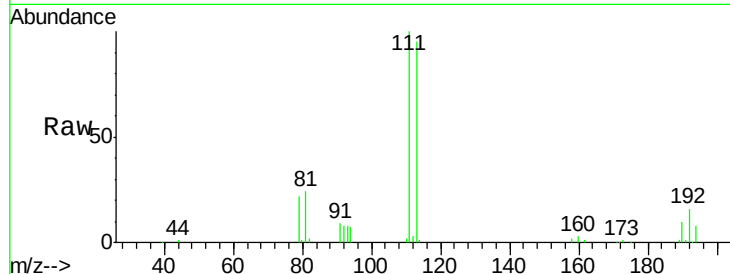
#35
 Dibromofluoromethane
 Concen: 46.042 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063425.D
 Acq: 17 Sep 2020 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-5W-(B-0)

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134380		
111	103.9	82.9	124.3	
192	17.3	13.9	20.9	

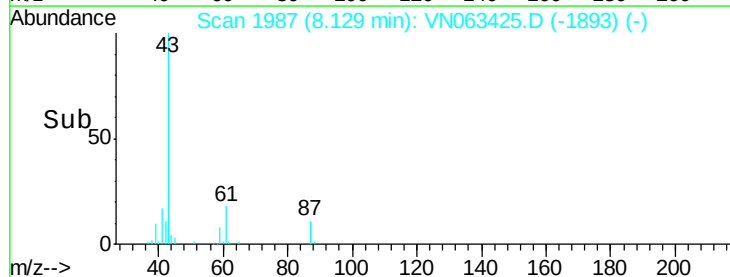
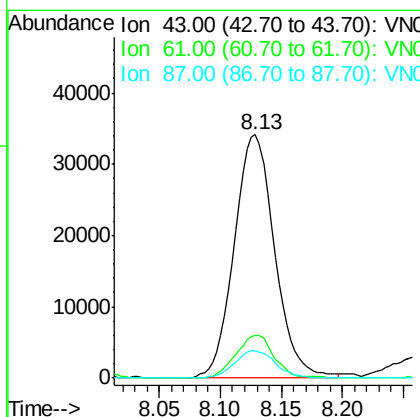
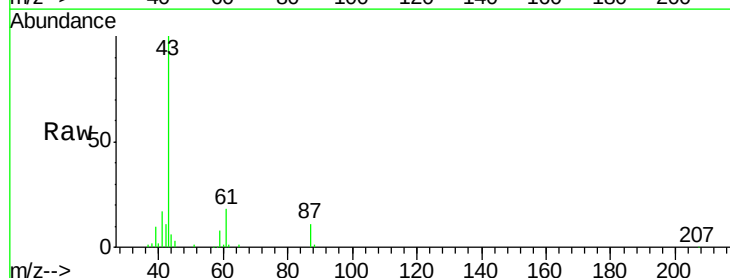
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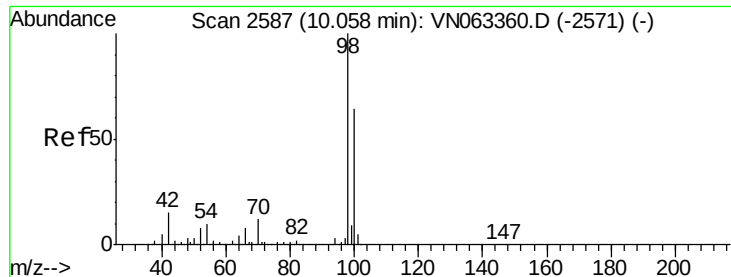
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#43
 Isopropyl Acetate
 Concen: 9.961 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063425.D
 Acq: 17 Sep 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	78516		
61	16.4	14.2	21.2	
87	11.2	9.0	13.6	





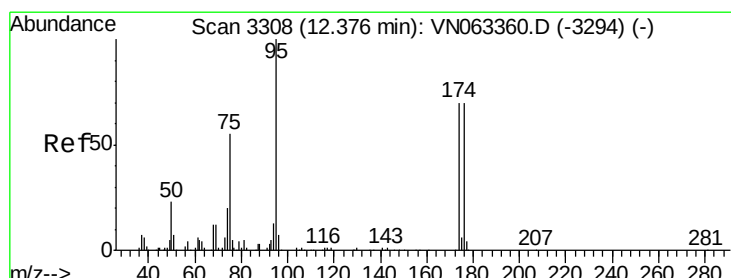
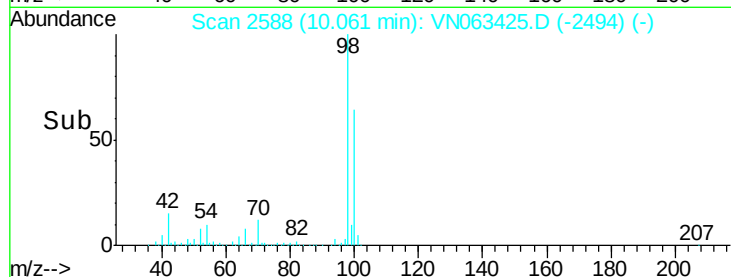
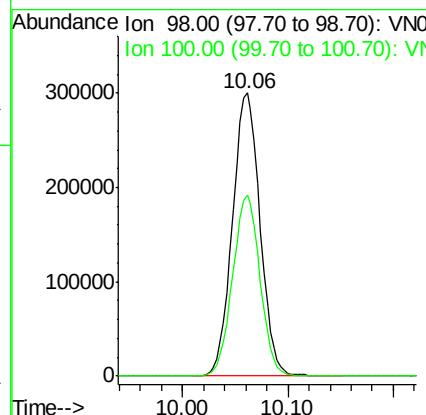
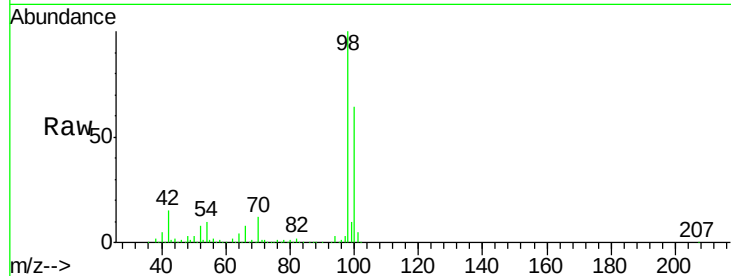
#50
Toluene-d8
Concen: 49.503 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063425.D
Acq: 17 Sep 2020 17:37

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(B-0)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		543280		
100	63.3		50.7		76.1

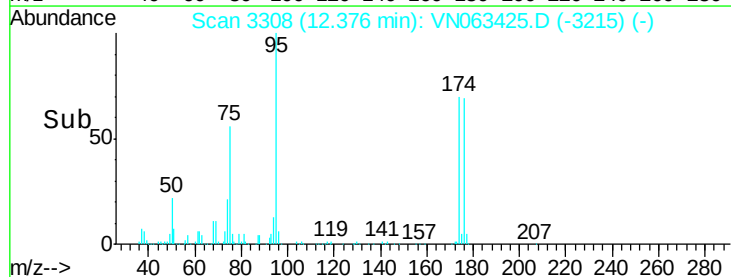
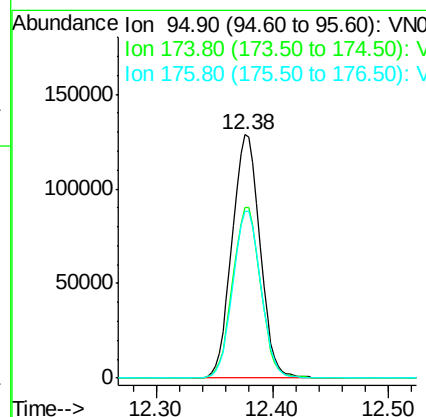
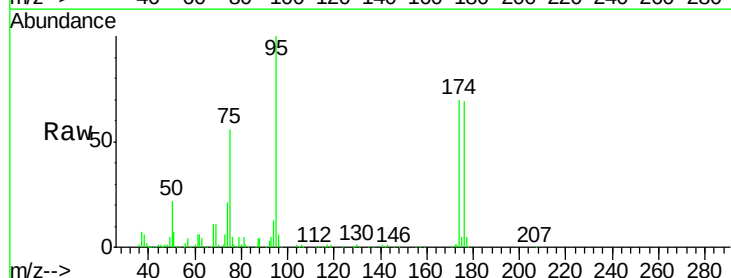
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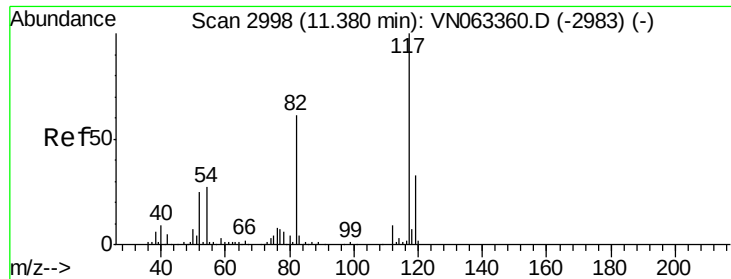
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#62
4-Bromofluorobenzene
Concen: 53.262 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063425.D
Acq: 17 Sep 2020 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		214280		
174	69.9		0.0		140.8
176	68.5		0.0		137.6





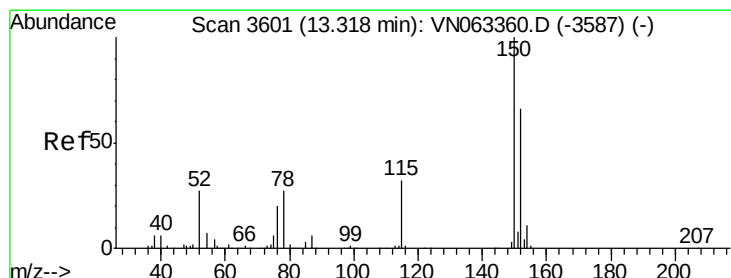
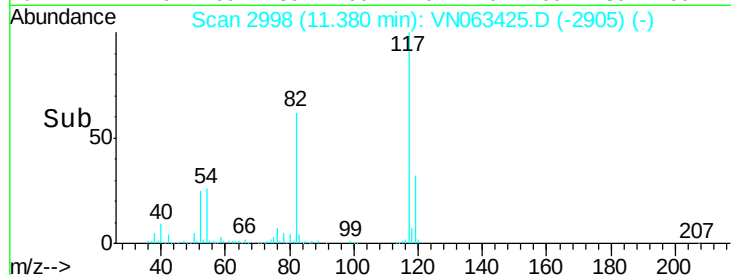
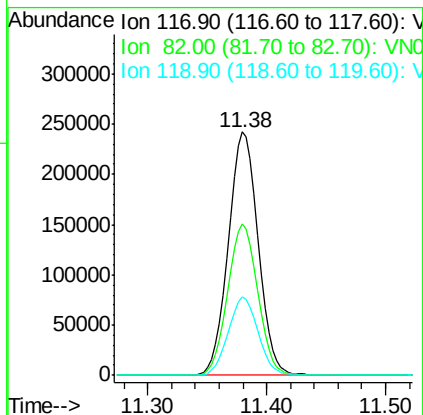
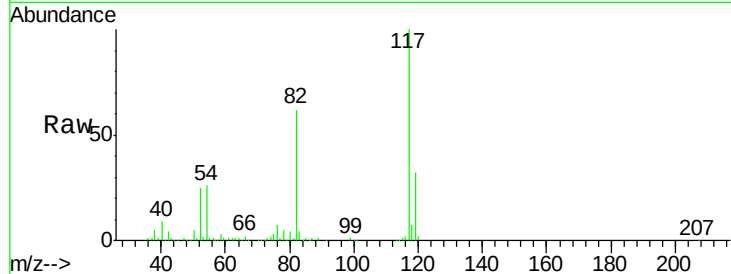
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063425.D
Acq: 17 Sep 2020 17:37

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-5W-(B-0)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	421384		
82	62.1	49.2	73.8	
119	32.0	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: VN063425.D
Acq: 17 Sep 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	176808		
115	63.5	32.2	96.6	
150	157.5	0.0	343.4	

