

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063097.D
 Acq On : 24 Aug 2020 15:52
 Operator : JC/MD
 Sample : L3780-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-082120-B

Manual Integrations
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 8/25/2020 12:14:16 PM

Quant Time: Aug 25 01:33:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	147903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	100362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	99147	56.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.12%	
35) Dibromofluoromethane	7.55	113	81616	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.06	98	328078	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.38	95	109951	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
Target Compounds						
16) Acetone	3.80	43	11306	17.028	ug/l	98
18) Methyl Acetate	4.28	43	4761m	2.733	ug/l	
20) Methylene Chloride	4.48	84	11353	6.175	ug/l	97
43) Isopropyl Acetate	8.13	43	36107	10.490	ug/l #	89

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

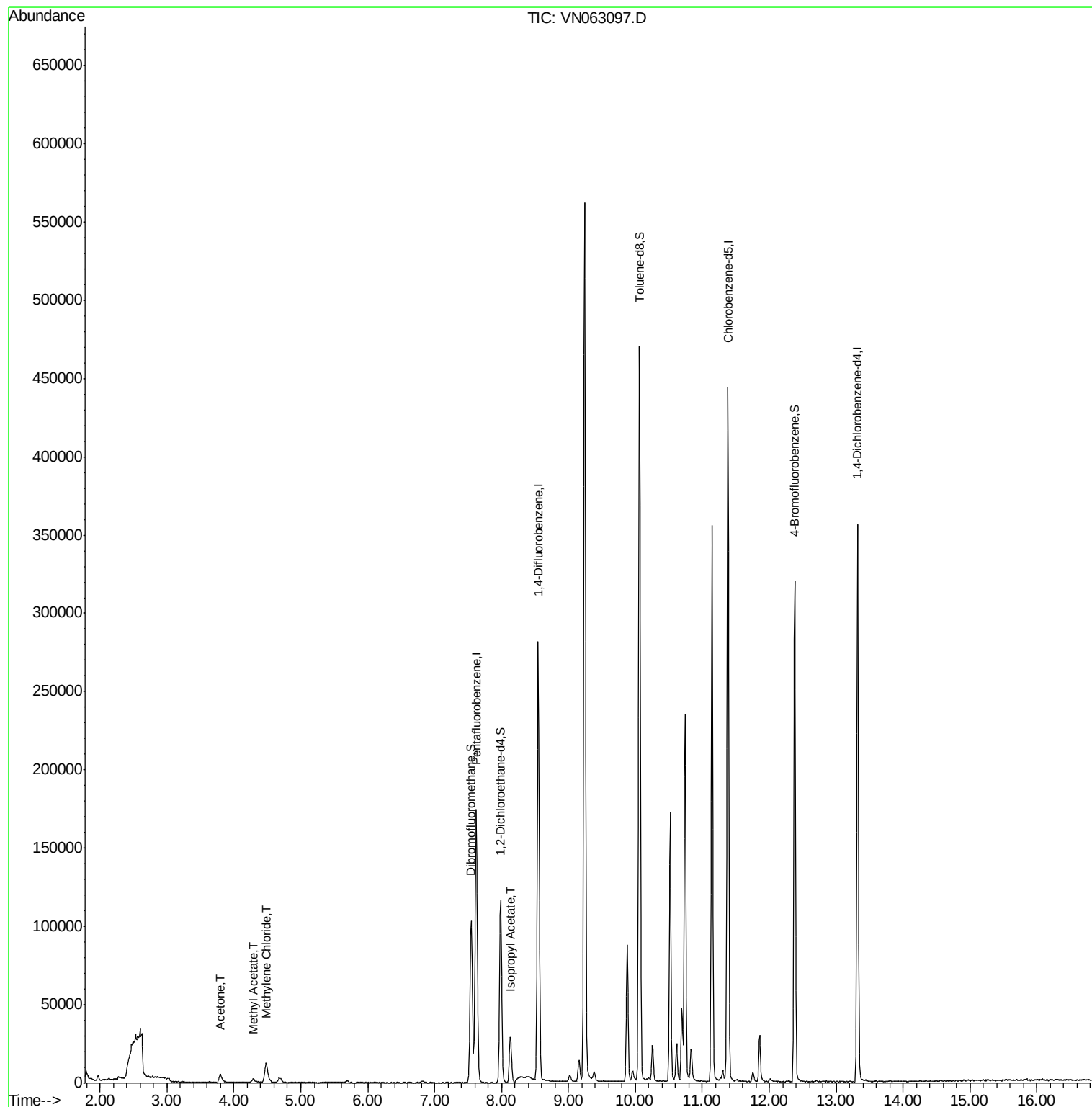
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082420\
Data File : VN063097.D
Acq On : 24 Aug 2020 15:52
Operator : JC/MD
Sample : L3780-16
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ALS Vial : 12 Sample Multiplier: 1

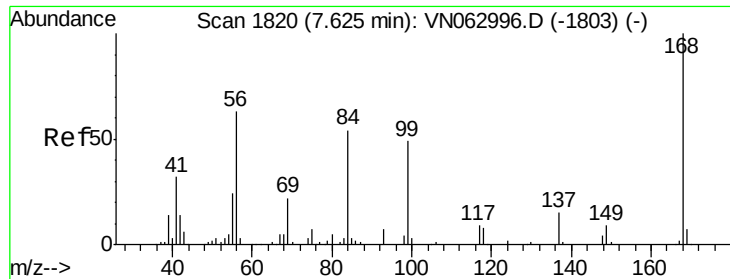
Instrument :
MSVOA_N
ClientSampleId :
JC-03-082120-B

Manual Integrations
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Quant Time: Aug 25 01:33:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063097.D

Acq: 24 Aug 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

JC-03-082120-B

Tot Ion:168 Resp: 147903

Ion Ratio Lower Upper

168 100

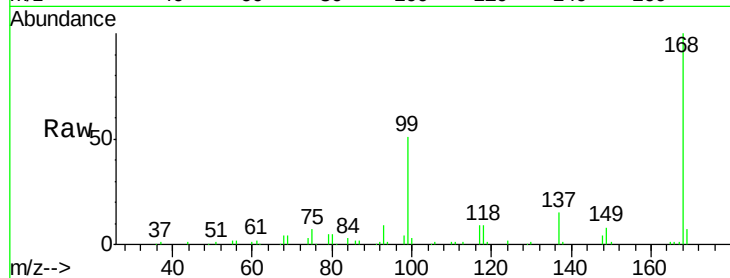
99 51.0 42.0 63.0

Manual Integrations

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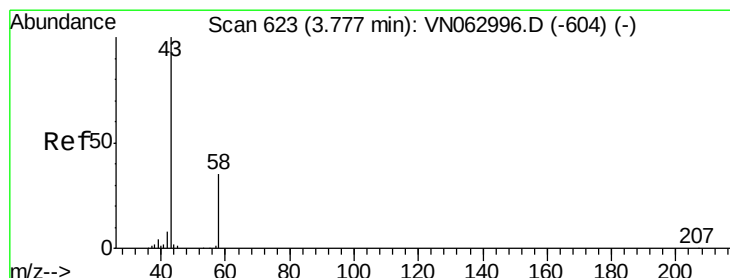
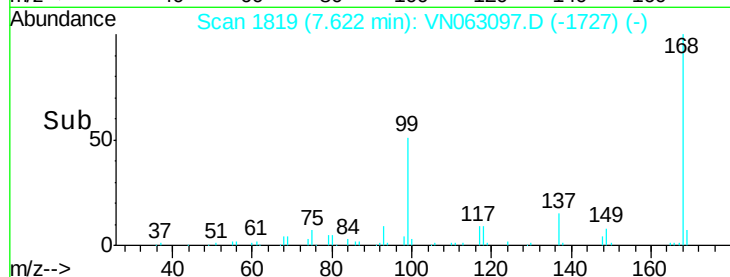
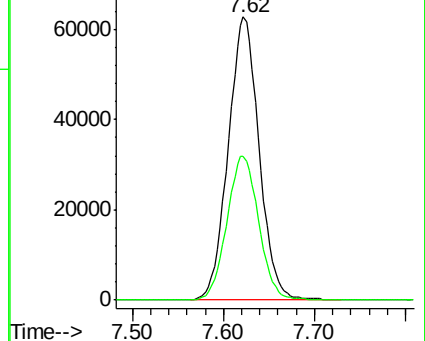
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 17.028 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.02 min

Lab File: VN063097.D

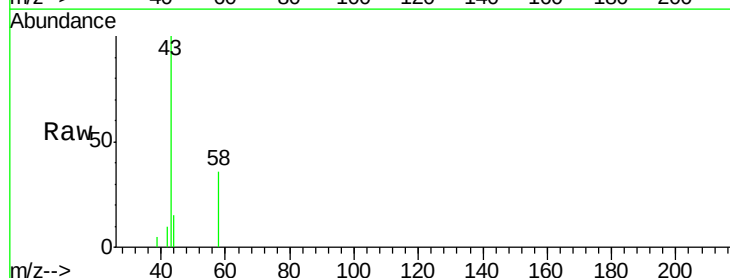
Acq: 24 Aug 2020 15:52

Tgt Ion: 43 Resp: 11306

Ion Ratio Lower Upper

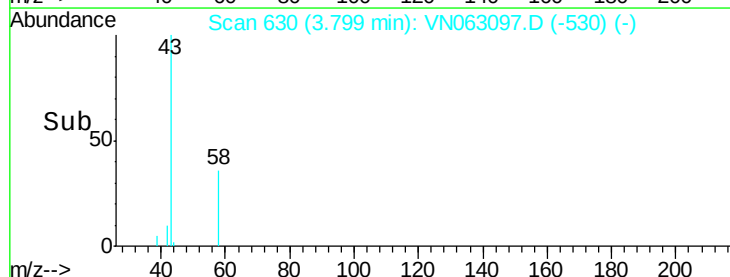
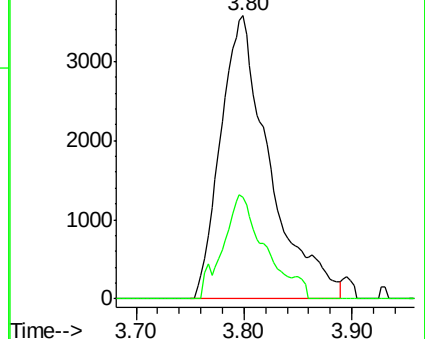
43 100

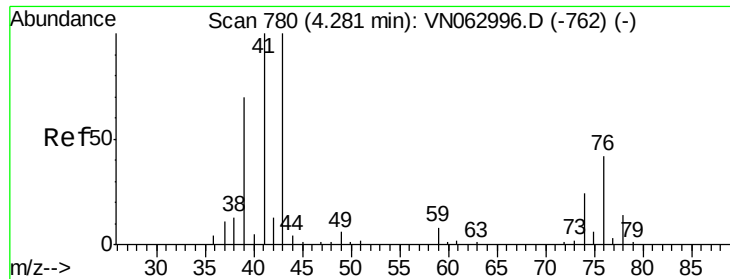
58 35.9 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





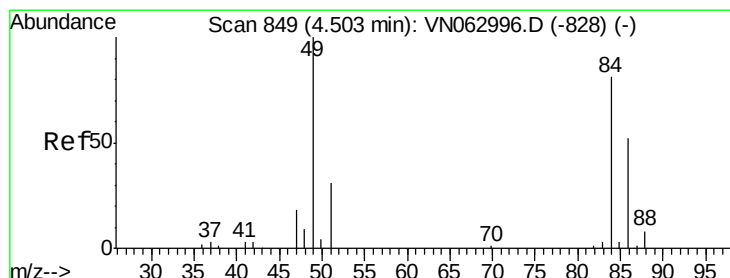
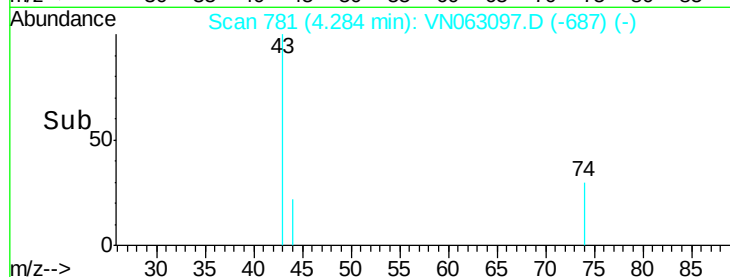
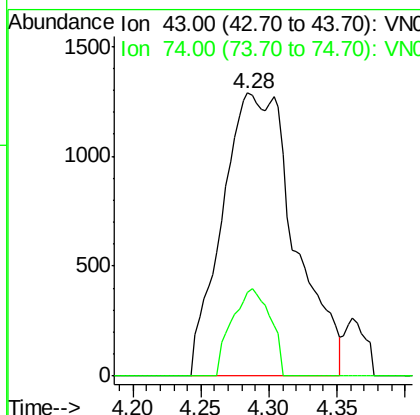
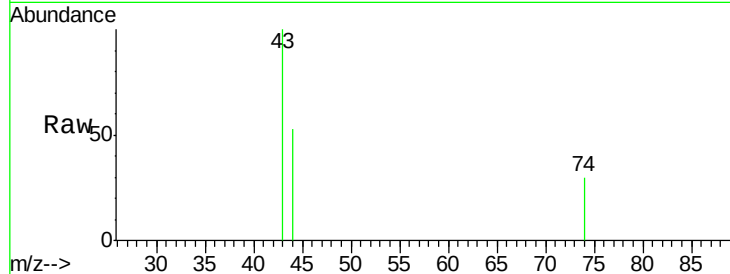
#18
Methyl Acetate
Concen: 2.733 ug/l m
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN063097.D
Acq: 24 Aug 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
JC-03-082120-B

Tot Ion: 43 Resp: 4761
Ion Ratio Lower Upper
43 100
74 16.3 18.6 28.0#

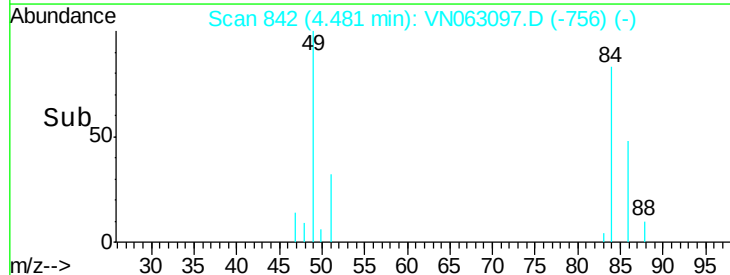
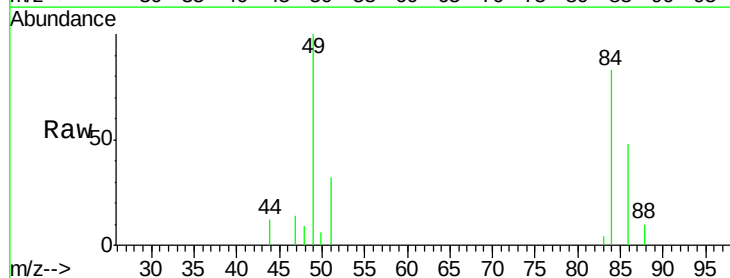
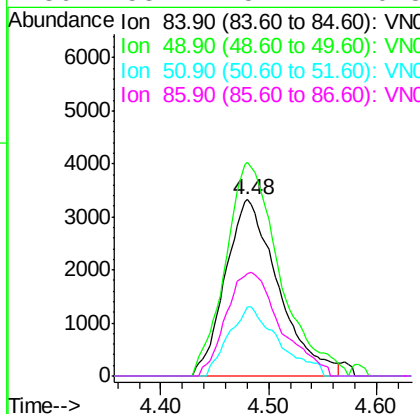
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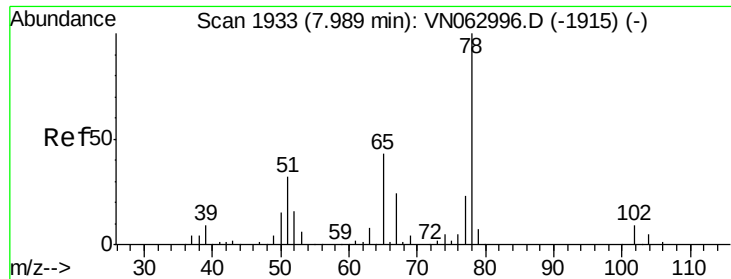
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#20
Methylene Chloride
Concen: 6.175 ug/l
RT: 4.48 min Scan# 842
Delta R.T. -0.02 min
Lab File: VN063097.D
Acq: 24 Aug 2020 15:52

Tgt Ion: 84 Resp: 11353
Ion Ratio Lower Upper
84 100
49 121.0 98.7 148.1
51 39.3 30.8 46.2
86 58.2 51.2 76.8





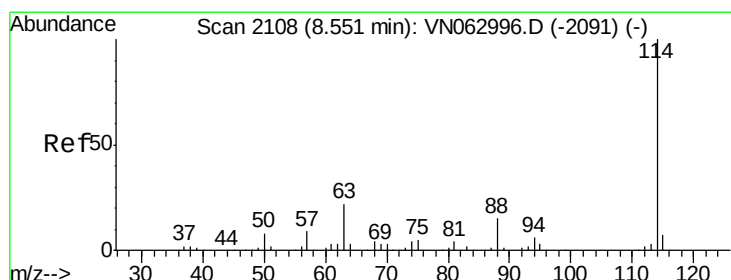
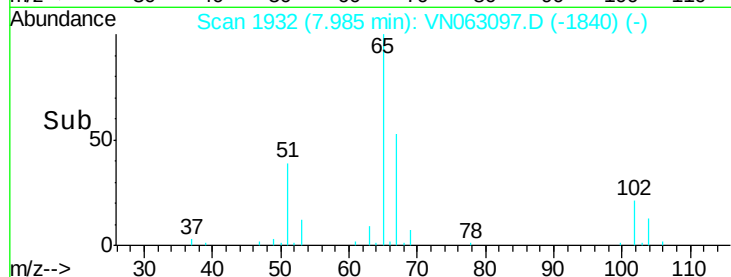
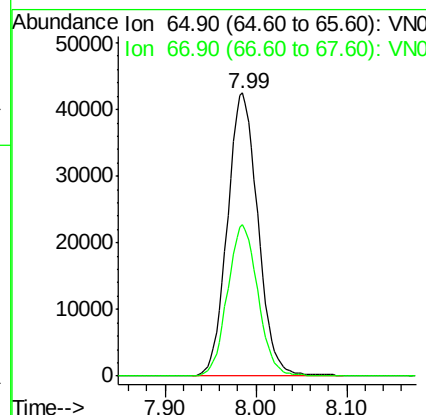
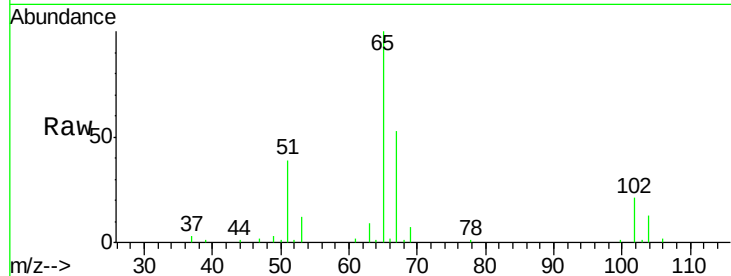
#33
 1,2-Dichloroethane-d4
 Concen: 56.561 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063097.D
 Acq: 24 Aug 2020 15:52

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-082120-B

Tot Ion	Ratio	Resp	Lower	Upper
65	100	99147		
67	53.1	0.0	112.0	

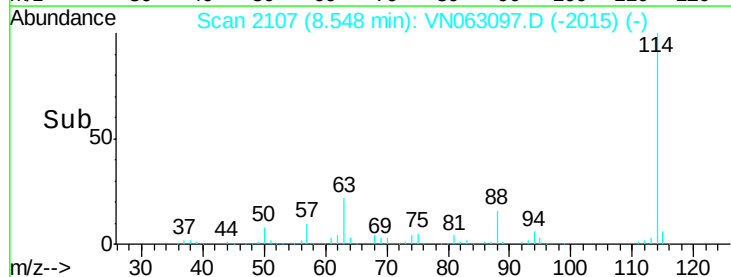
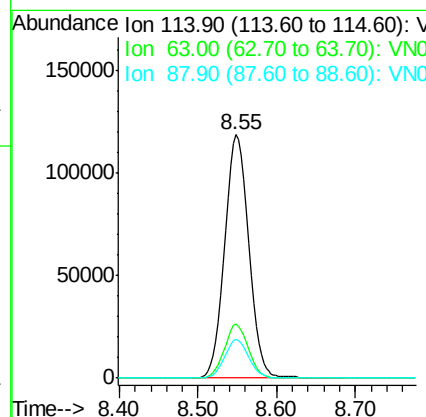
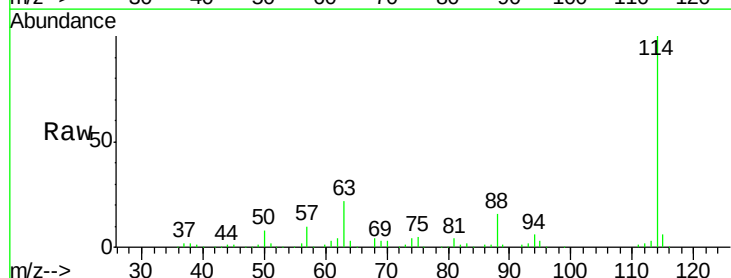
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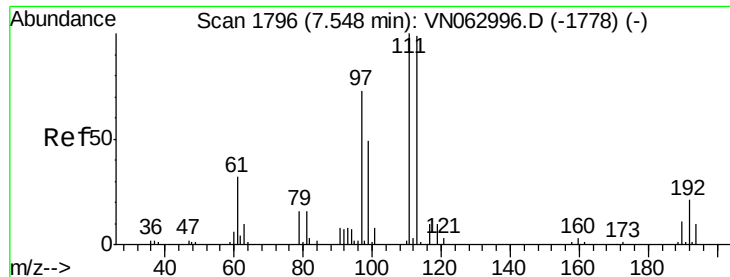
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063097.D
 Acq: 24 Aug 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	251599		
63	22.1	0.0	43.2	
88	15.7	0.0	30.6	





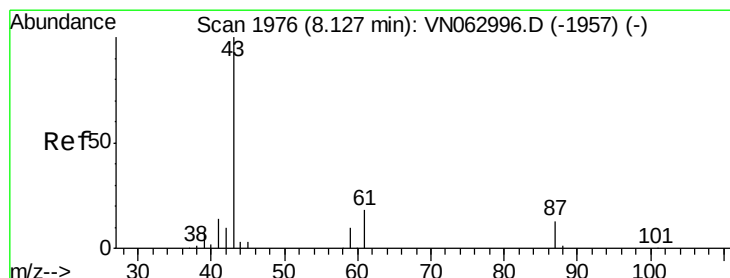
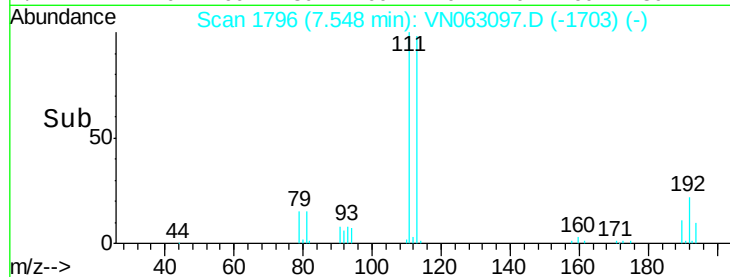
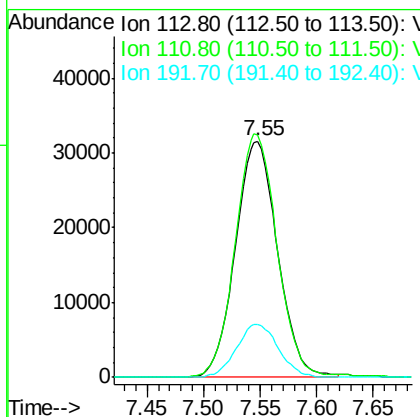
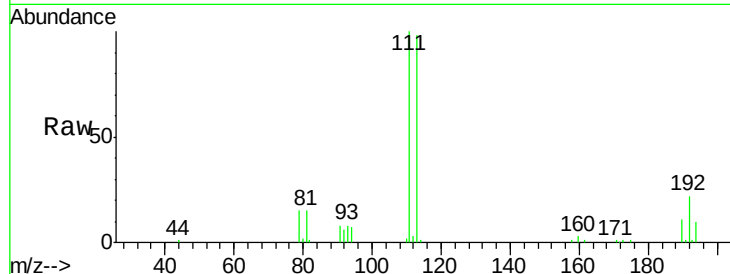
#35
 Dibromofluoromethane
 Concen: 49.784 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063097.D
 Acq: 24 Aug 2020 15:52

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-082120-B

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.1	81.7	122.5	
192	22.3	17.5	26.3	

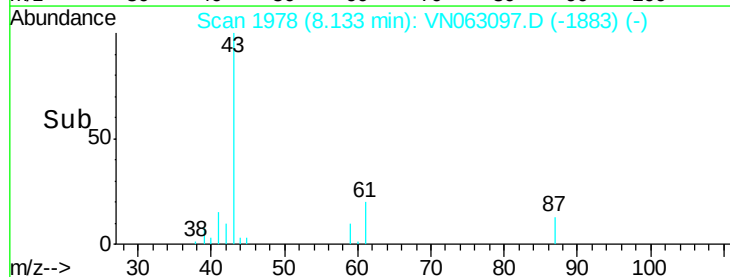
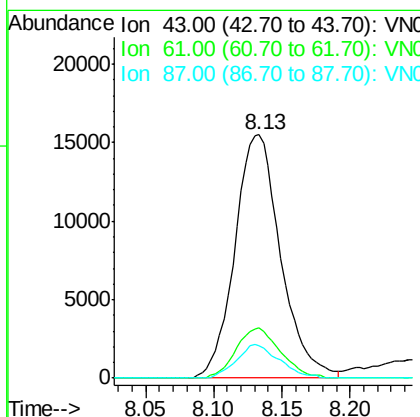
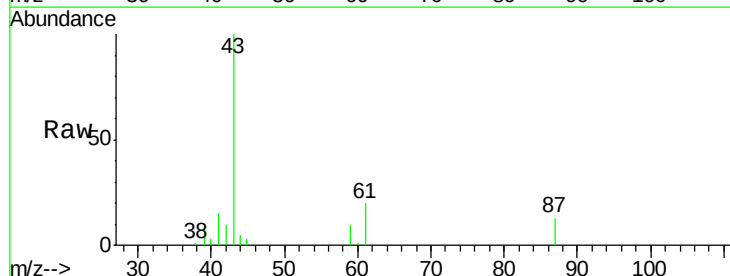
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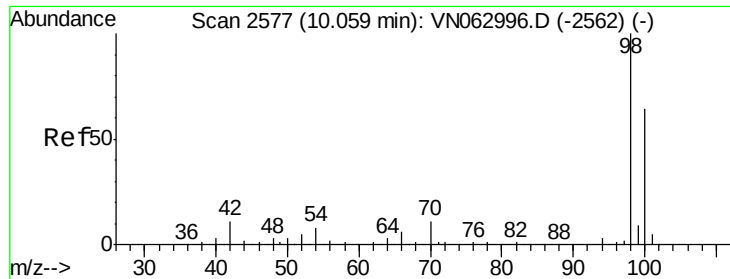
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#43
 Isopropyl Acetate
 Concen: 10.490 ug/l
 RT: 8.13 min Scan# 1978
 Delta R.T. 0.01 min
 Lab File: VN063097.D
 Acq: 24 Aug 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	19.9	22.6	33.8#	
87	12.7	10.5	15.7	





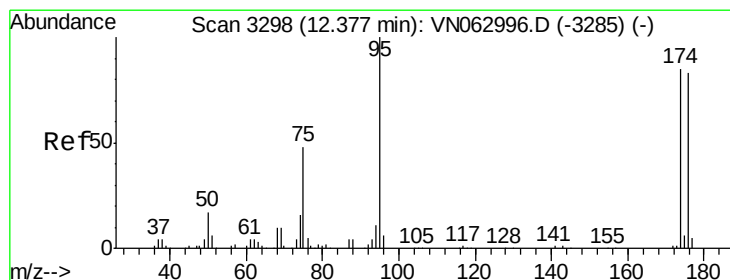
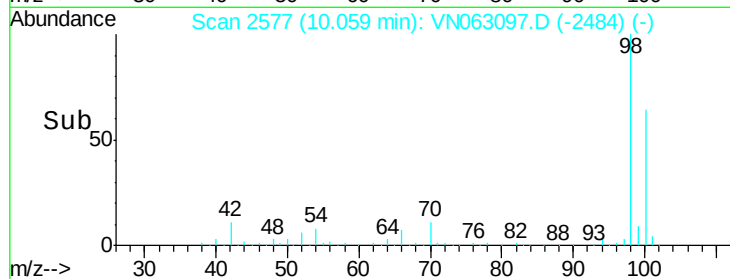
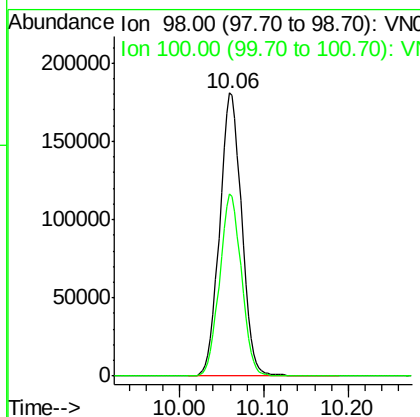
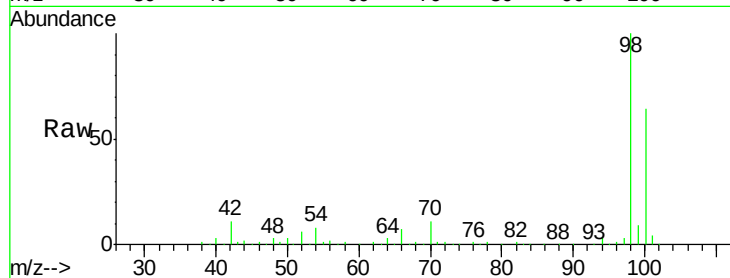
#50
Toluene-d8
Concen: 52.100 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063097.D
Acq: 24 Aug 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
JC-03-082120-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		328078		
100	64.1	51.2	76.8		

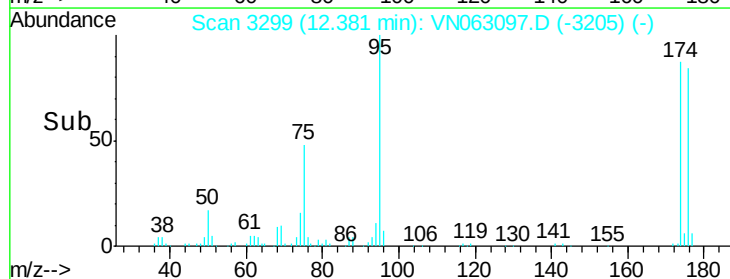
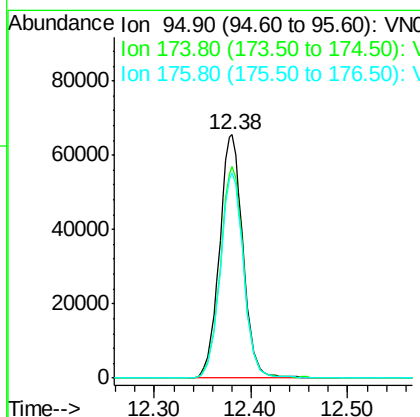
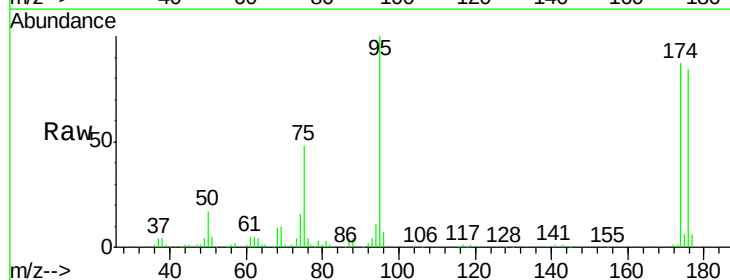
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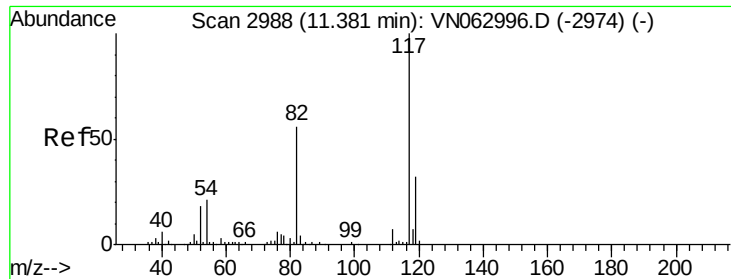
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#62
4-Bromofluorobenzene
Concen: 49.480 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.00 min
Lab File: VN063097.D
Acq: 24 Aug 2020 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		109951		
174	85.8	0.0	170.8		
176	83.6	0.0	164.8		





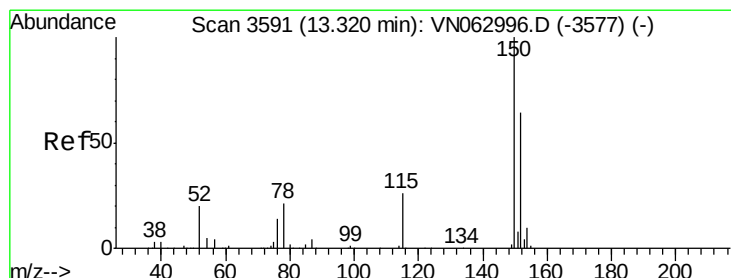
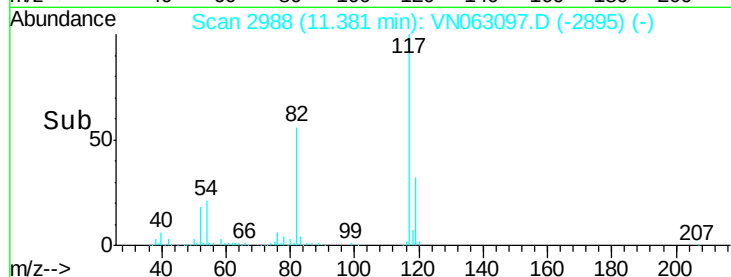
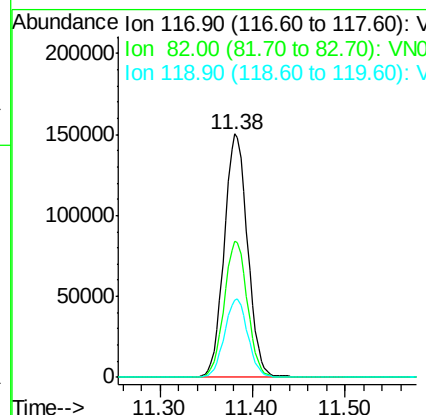
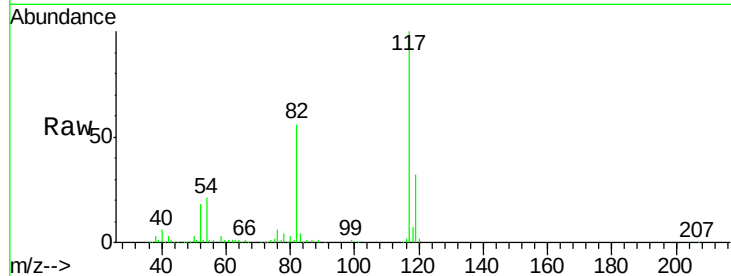
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063097.D
Acq: 24 Aug 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
JC-03-082120-B

Tot Ion	Ratio	Resp	Lower	Upper
117	100	263490		
82	55.8	44.5	66.7	
119	31.8	25.5	38.3	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063097.D
Acq: 24 Aug 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	100362		
115	55.8	28.7	86.3	
150	154.5	0.0	348.8	

