

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063187.D
 Acq On : 2 Sep 2020 11:53
 Operator : JC/MD
 Sample : PB131351TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131351TB

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 4:57:57 PM

Quant Time: Sep 03 01:32:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	339790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	661713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	659129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	263768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	265882	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	7.55	113	205208	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	10.06	98	845218	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.38	95	298921	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
Target Compounds						
16) Acetone	3.78	43	23649	14.977	ug/l	Qvalue 100
18) Methyl Acetate	4.28	43	6409m	1.583	ug/l	
20) Methylene Chloride	4.51	84	11980	2.228	ug/l	97
43) Isopropyl Acetate	8.13	43	130297	12.559	ug/l #	90

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

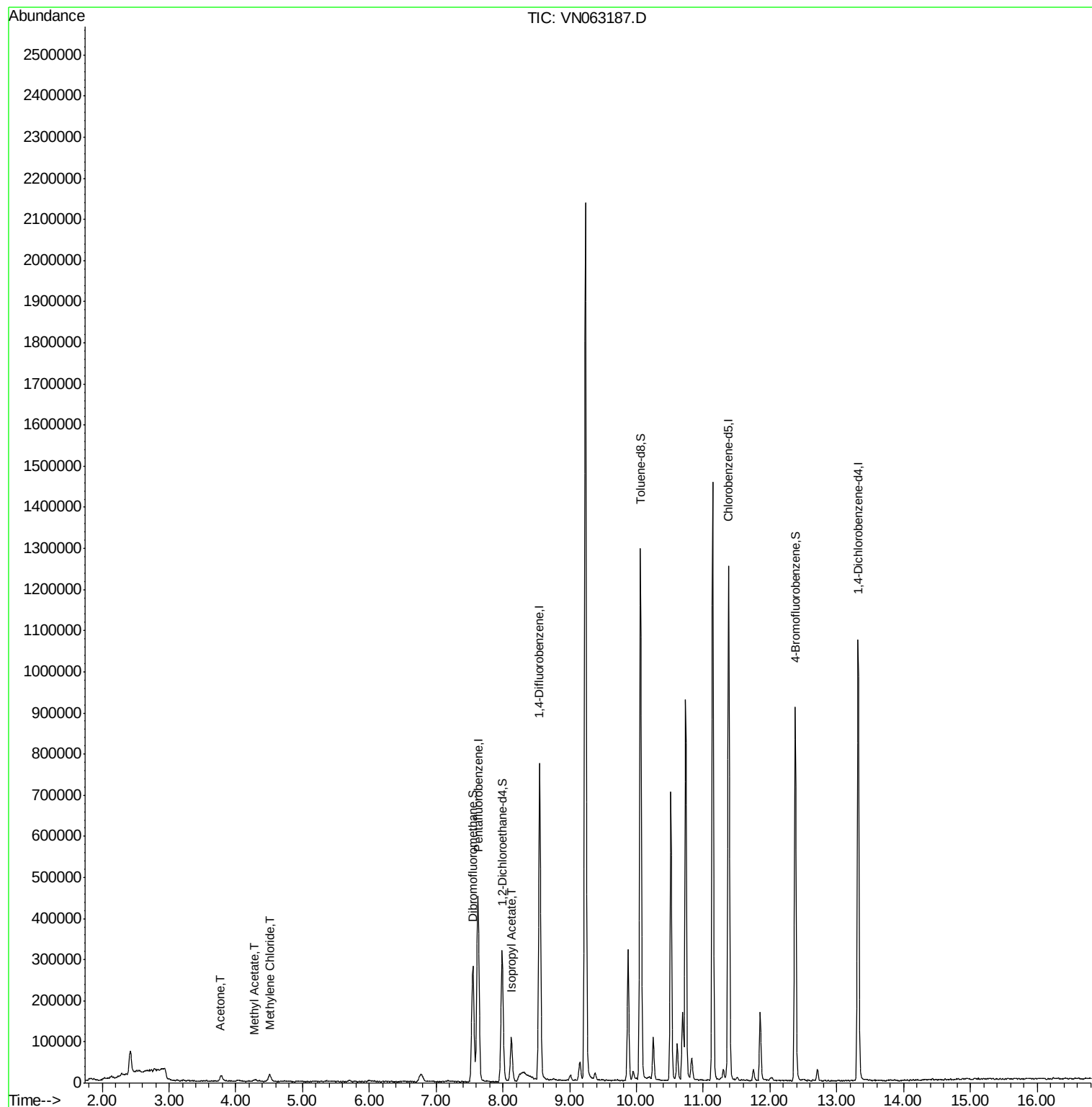
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090220\
Data File : VN063187.D
Acq On : 2 Sep 2020 11:53
Operator : JC/MD
Sample : PB131351TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

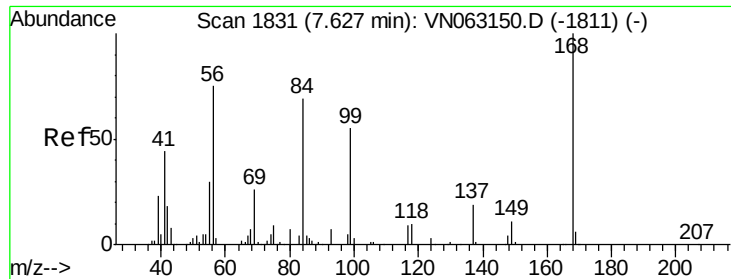
Instrument :
MSVOA_N
ClientSampleId :
PB131351TB

Manual Integrations
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Quant Time: Sep 03 01:32:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 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: VN063187.D

Acq: 2 Sep 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

PB131351TB

Tot Ion:168 Resp: 339790

Ion Ratio Lower Upper

168 100

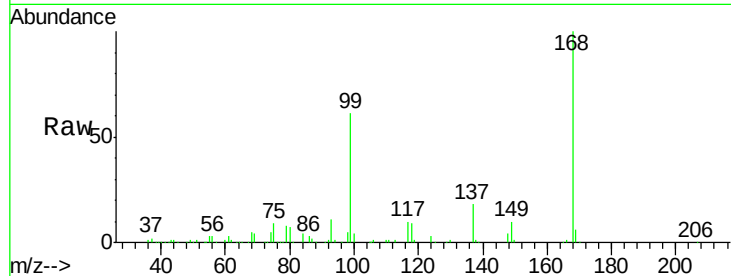
99 60.7 54.2 81.2

Manual Integrations

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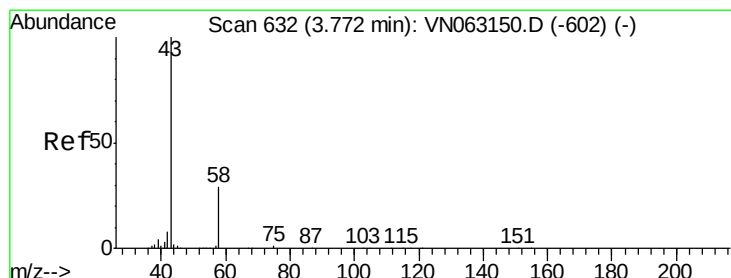
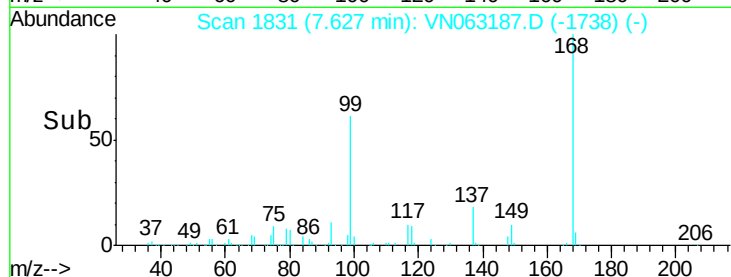
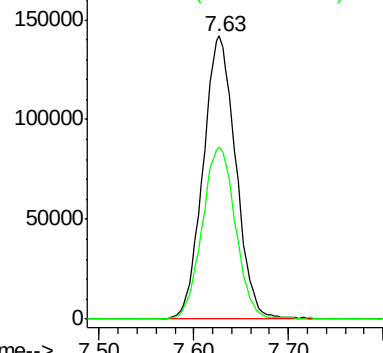
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 14.977 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063187.D

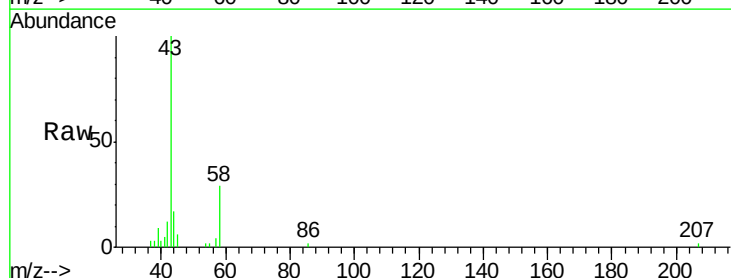
Acq: 2 Sep 2020 11:53

Tgt Ion: 43 Resp: 23649

Ion Ratio Lower Upper

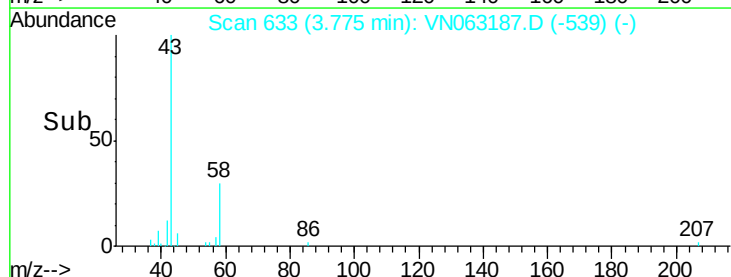
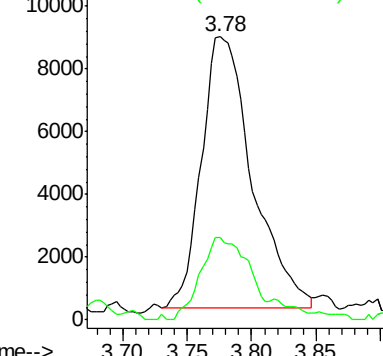
43 100

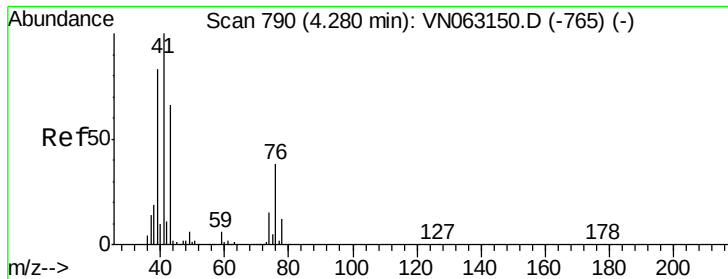
58 28.8 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





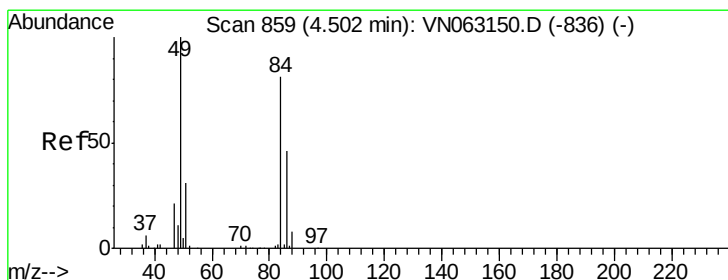
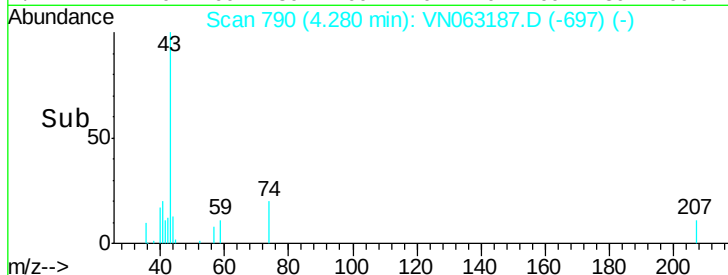
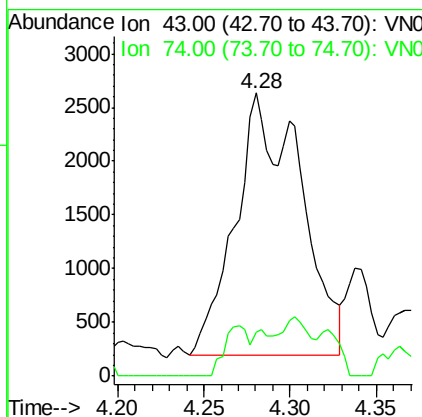
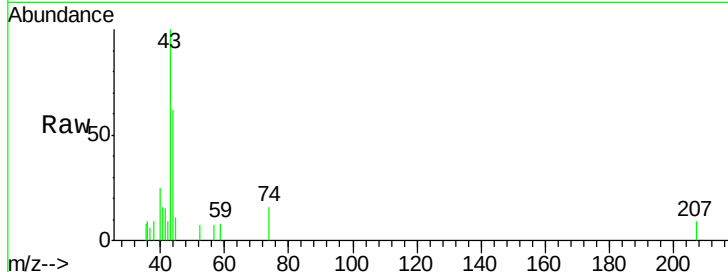
#18
Methvl Acetate
Concen: 1.583 ug/l m
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063187.D
Acq: 2 Sep 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :
PB131351TB

Tot Ion: 43 Resp: 6409
Ion Ratio Lower Upper
43 100
74 7.2 19.0 28.6#

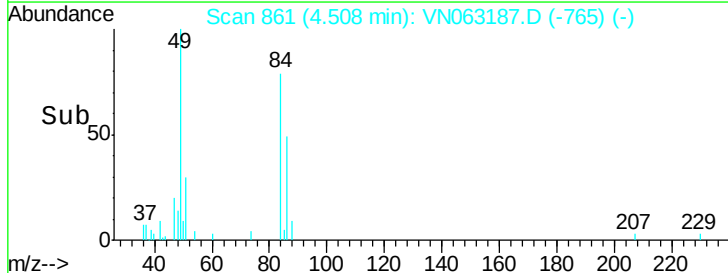
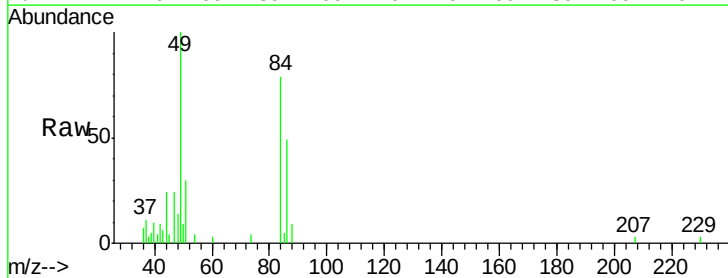
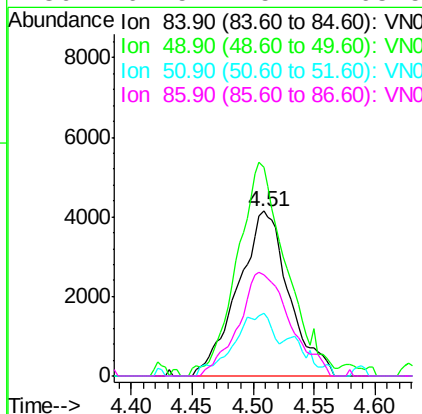
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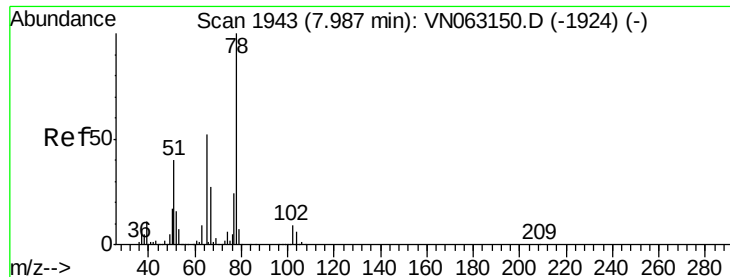
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#20
Methylene Chloride
Concen: 2.228 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063187.D
Acq: 2 Sep 2020 11:53

Tgt Ion: 84 Resp: 11980
Ion Ratio Lower Upper
84 100
49 126.3 98.4 147.6
51 37.9 30.4 45.6
86 61.5 45.7 68.5





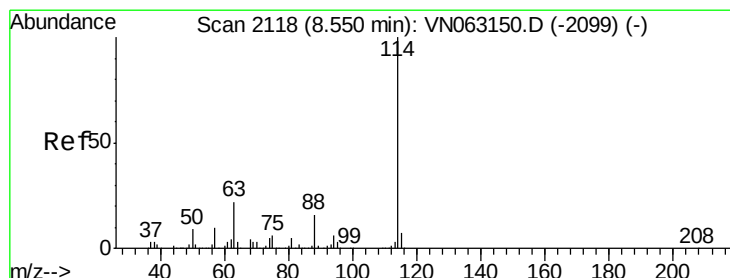
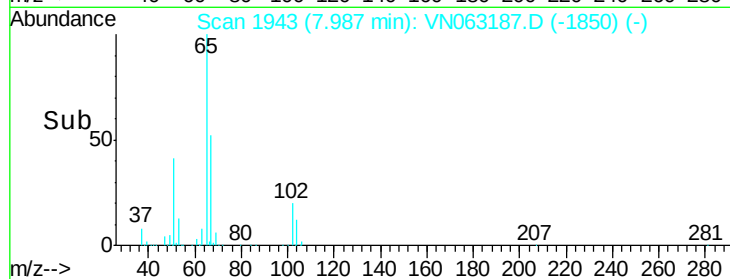
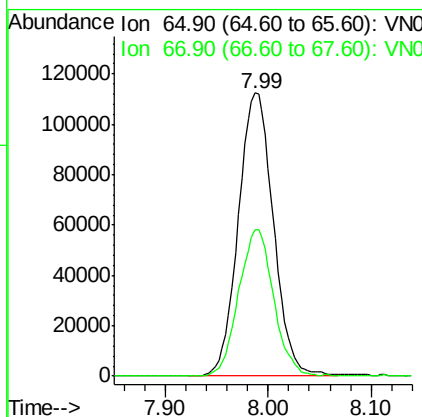
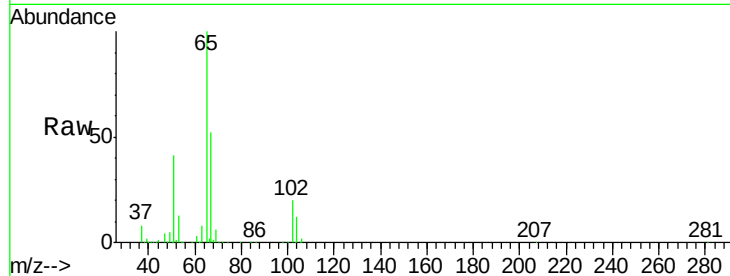
#33
 1,2-Dichloroethane-d4
 Concen: 47.867 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063187.D
 Acq: 2 Sep 2020 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131351TB

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.6	0.0	104.4	

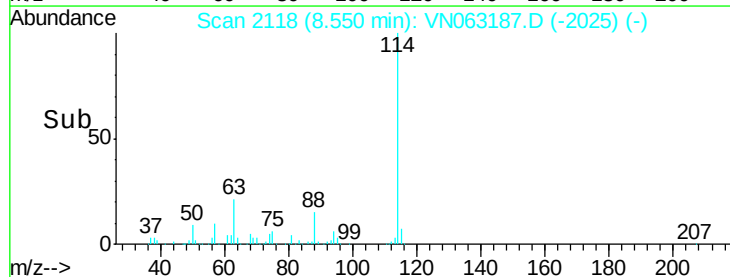
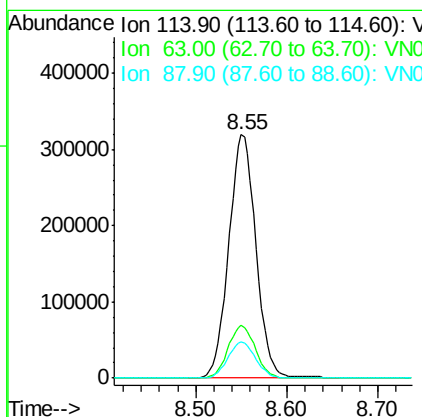
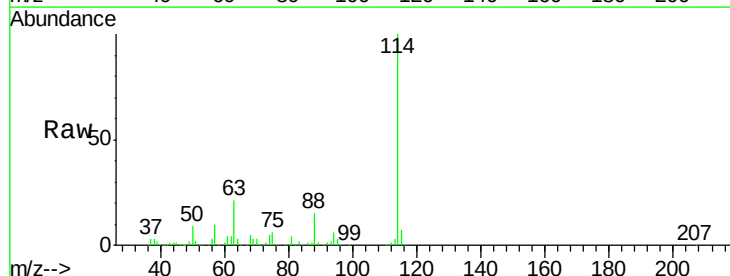
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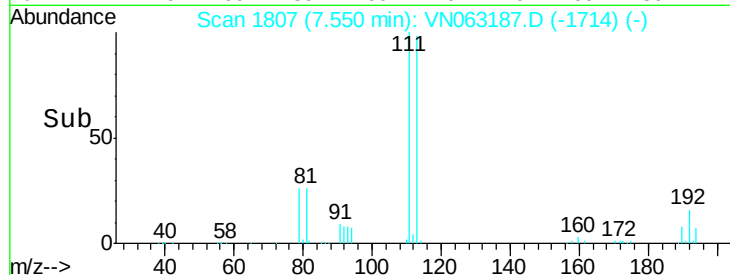
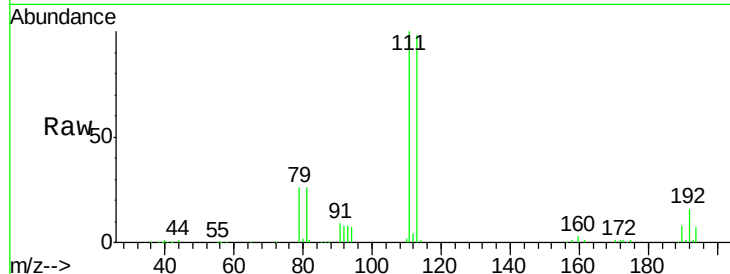
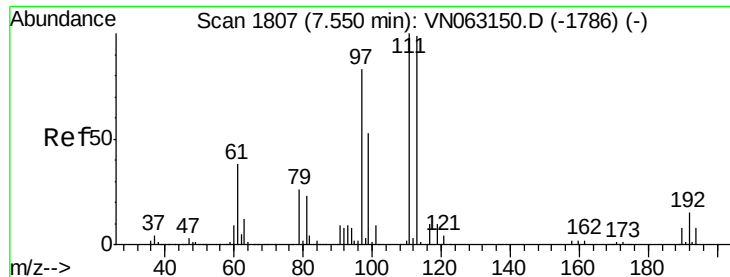
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063187.D
 Acq: 2 Sep 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.5	0.0	43.0	
88	14.8	0.0	31.6	





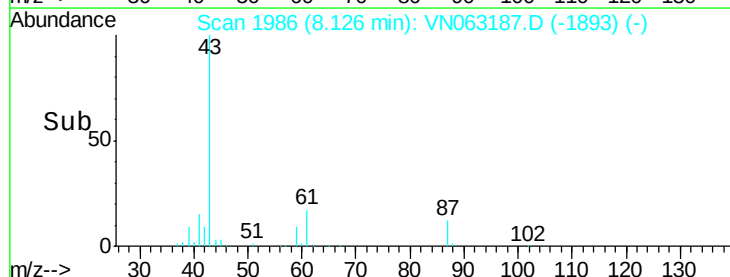
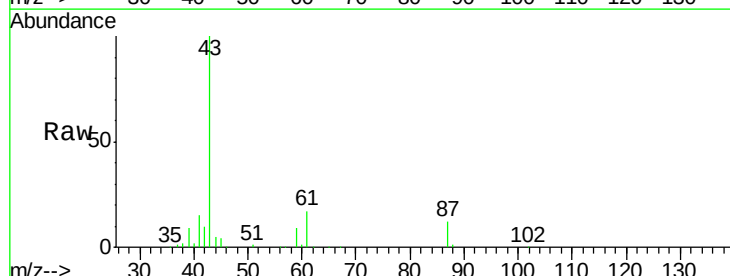
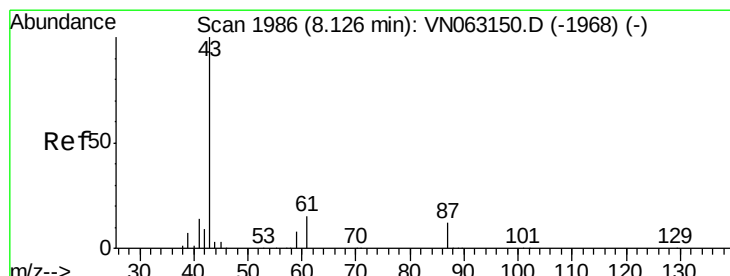
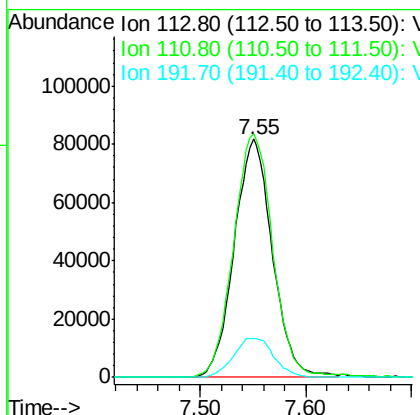
#35
Dibromofluoromethane
Concen: 48.339 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063187.D
Acq: 2 Sep 2020 11:53

Tot Ion	Ratio	Resp	Lower	Upper
113	100	205208		
111	104.7	80.7	121.1	
192	17.5	12.6	19.0	

Instrument :
MSVOA_N
ClientSampleId :
PB131351TB

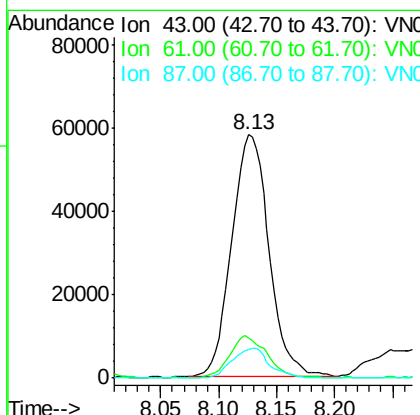
Manual Integrations
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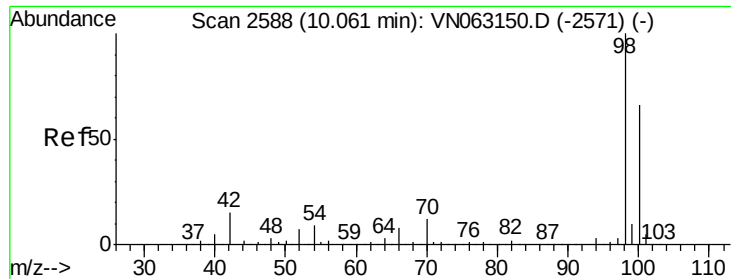
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#43
Isopropyl Acetate
Concen: 12.559 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063187.D
Acq: 2 Sep 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	130297		
61	17.6	20.2	30.4#	
87	12.2	9.8	14.6	





#50

Toluene-d8

Concen: 51.727 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063187.D

Acq: 2 Sep 2020 11:53

Instrument :

MSVOA_N

ClientSampled :

PB131351TB

Tot Ion: 98 Resp: 845218

Ion Ratio Lower Upper

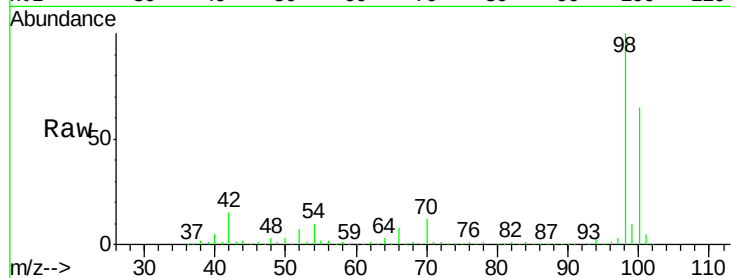
98 100

100 64.9 52.0 78.0

Manual Integrations
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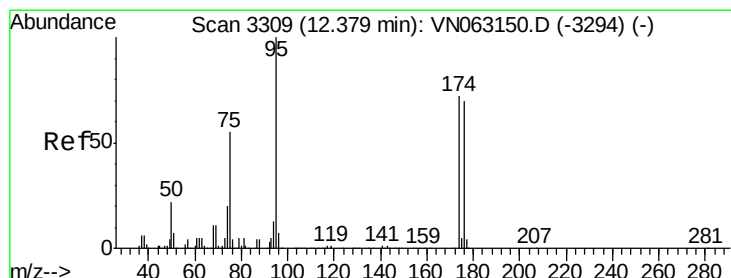
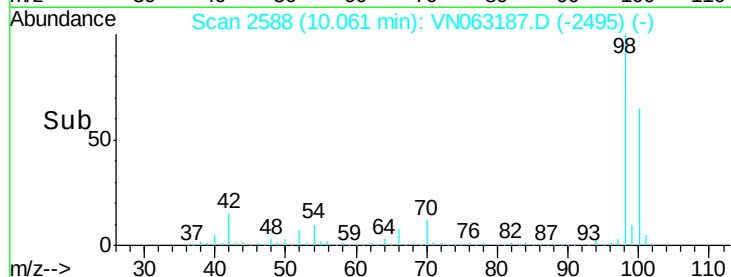
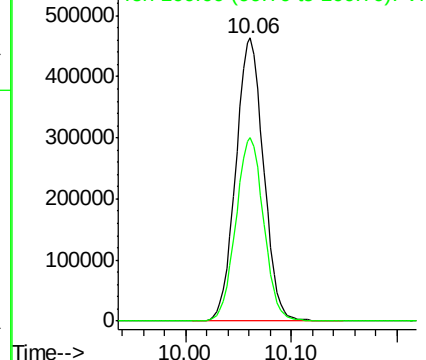
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 52.297 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063187.D

Acq: 2 Sep 2020 11:53

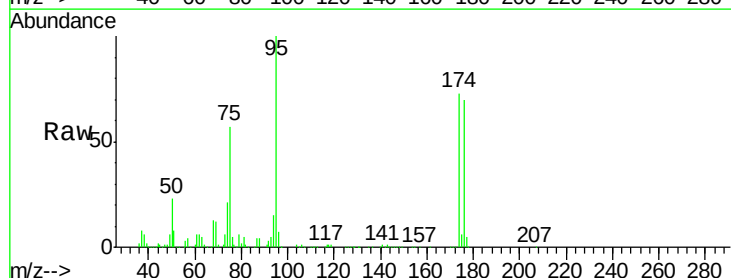
Tgt Ion: 95 Resp: 298921

Ion Ratio Lower Upper

95 100

174 73.2 0.0 143.8

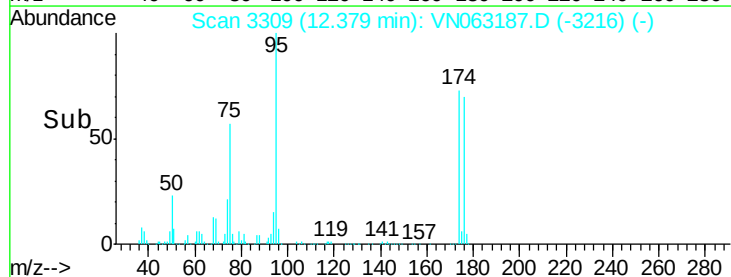
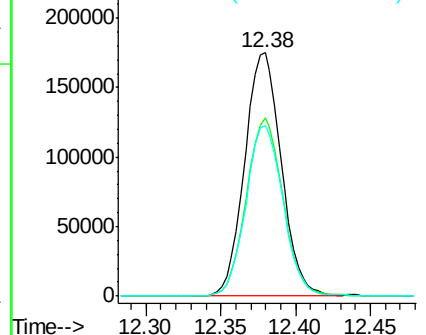
176 71.3 0.0 138.4

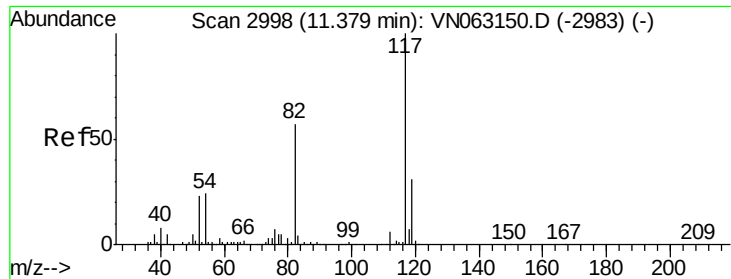


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063187.D

Acq: 2 Sep 2020 11:53

Instrument :

MSVOA_N

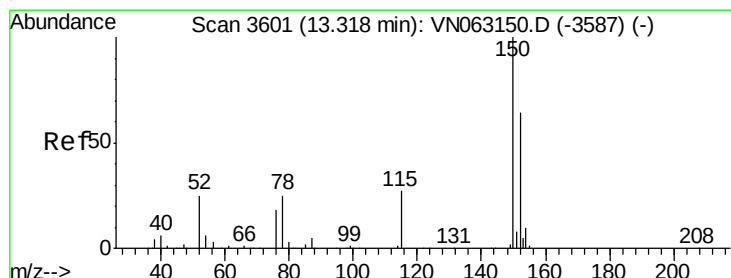
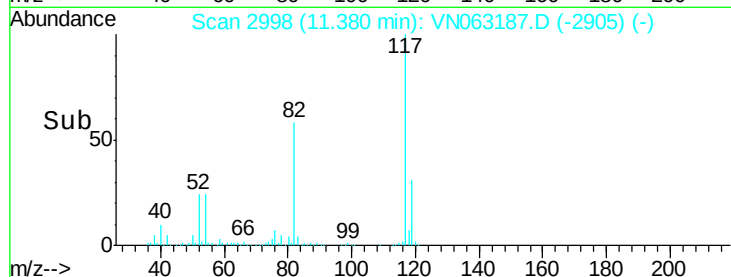
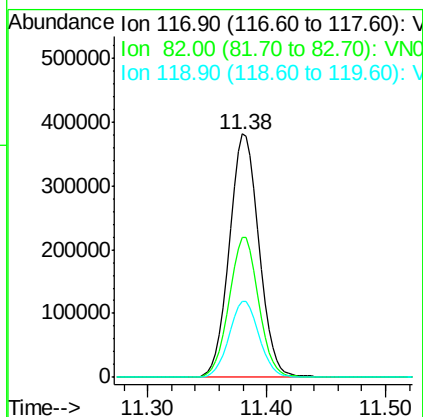
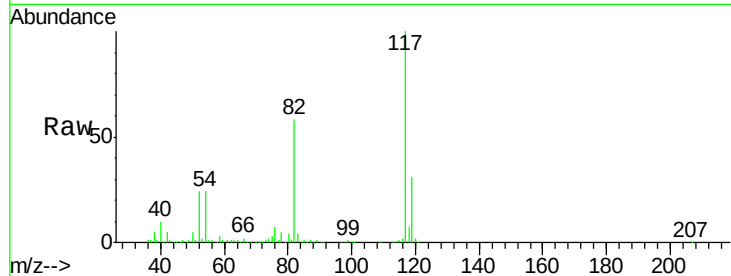
ClientSampled :

PB131351TB

Tot Ion:	117	Resp:	659129
Ion Ratio		Lower	Upper
117	100		
82	57.6	45.4	68.0
119	31.4	24.6	37.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063187.D

Acq: 2 Sep 2020 11:53

Tgt Ion:	152	Resp:	263768
Ion Ratio		Lower	Upper
152	100		
115	60.8	32.0	96.2
150	157.2	0.0	353.0

