

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063563.D
 Acq On : 23 Sep 2020 4:27
 Operator : JC/MD
 Sample : PB131772ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131772ZHE#01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:06:47 PM

Quant Time: Sep 23 07:17:59 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	219384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	439081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188633	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	7.55	113	138863	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	10.06	98	549707	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.38	95	219968	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
Target Compounds						
16) Acetone	3.78	43	32816	27.342	ug/l	97
18) Methyl Acetate	4.30	43	4183m	1.373	ug/l	
20) Methylene Chloride	4.51	84	19565	6.434	ug/l	86
43) Isopropyl Acetate	8.13	43	80339	10.165	ug/l	99

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

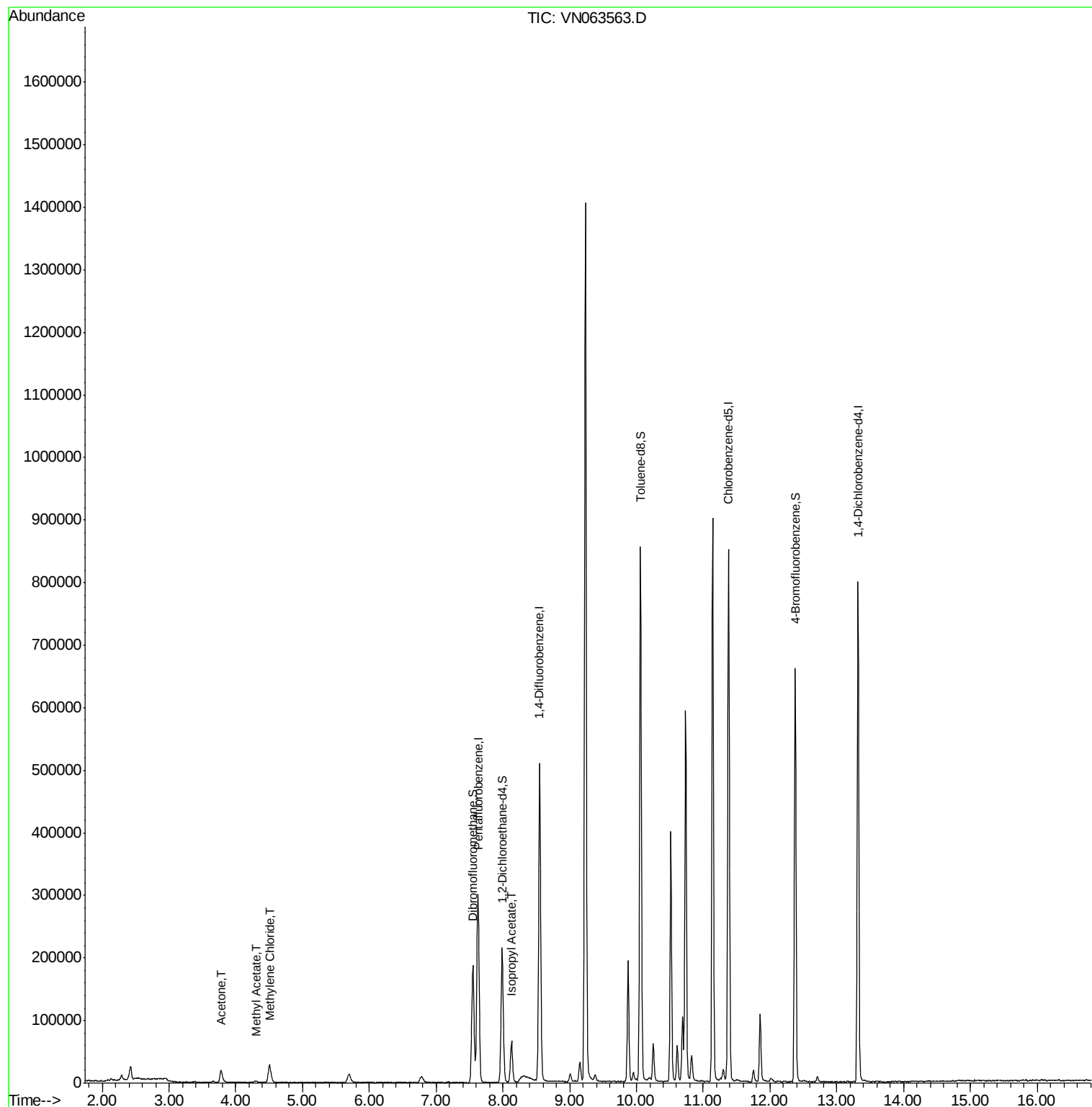
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063563.D
Acq On : 23 Sep 2020 4:27
Operator : JC/MD
Sample : PB131772ZHE#01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

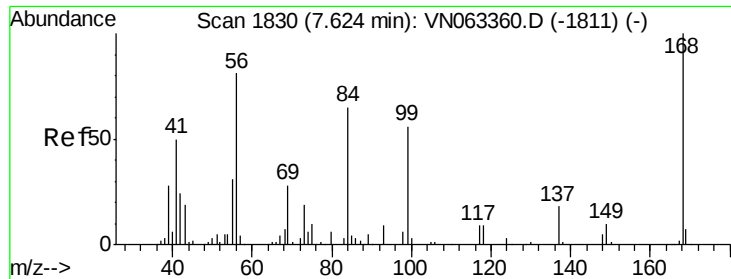
Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#01

Manual Integrations
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Quant Time: Sep 23 07:17:59 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: VN063563.D

Acq: 23 Sep 2020 4:27

Instrument :

MSVOA_N

ClientSampleId :

PB131772ZHE#01

Tot Ion:168 Resp: 219384

Ion Ratio Lower Upper

168 100

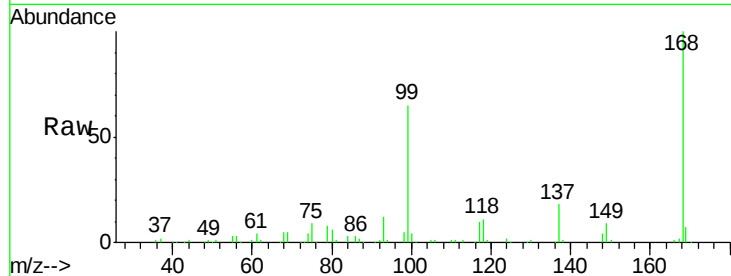
99 64.8 53.0 79.6

Manual Integrations

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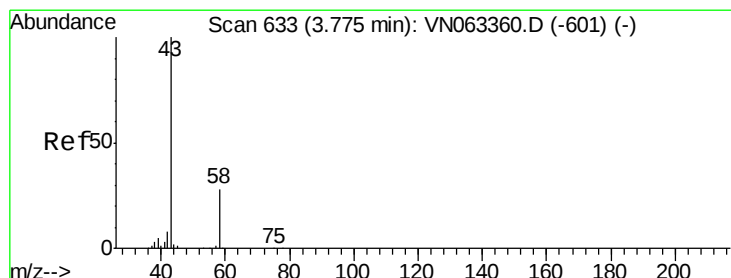
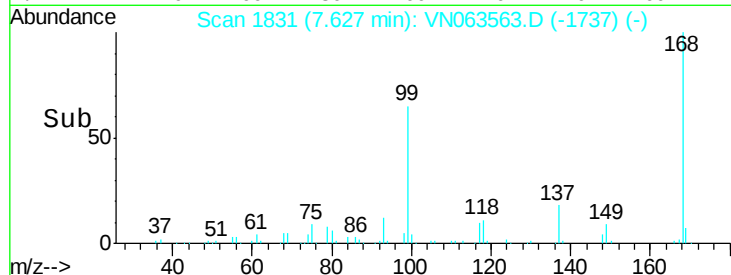
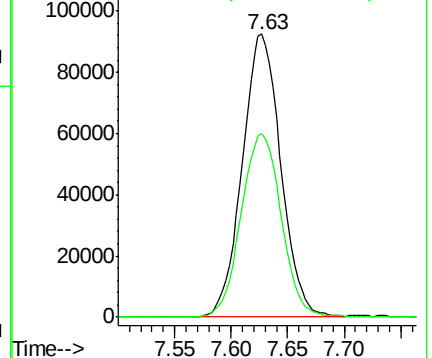
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 27.342 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063563.D

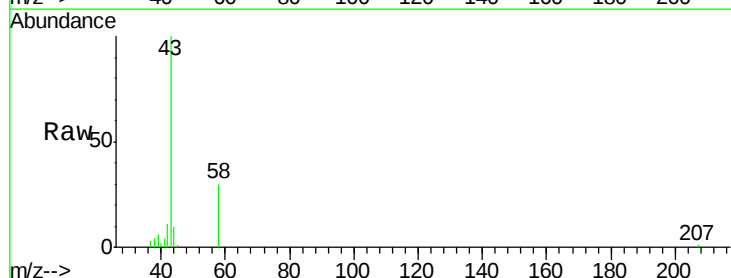
Acq: 23 Sep 2020 4:27

Tgt Ion: 43 Resp: 32816

Ion Ratio Lower Upper

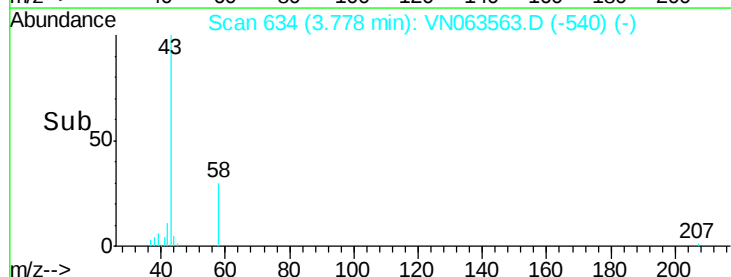
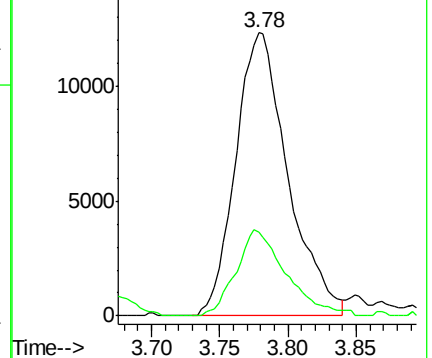
43 100

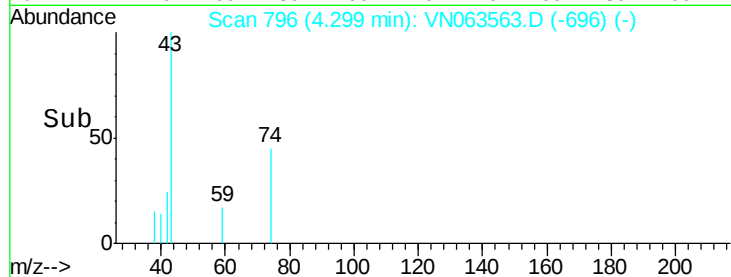
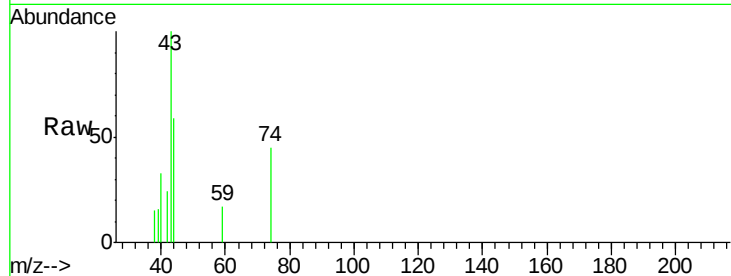
58 29.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





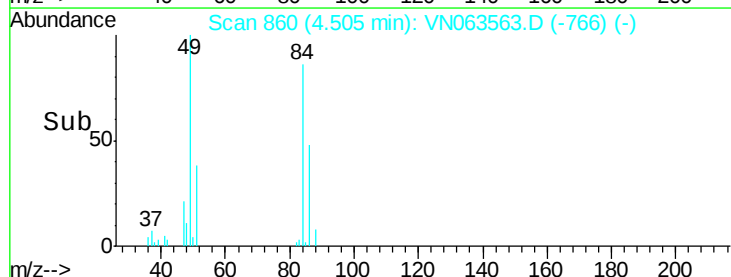
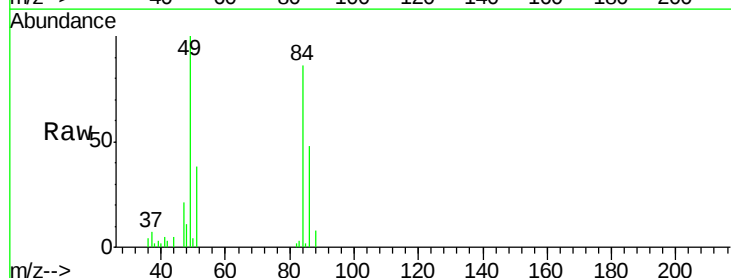
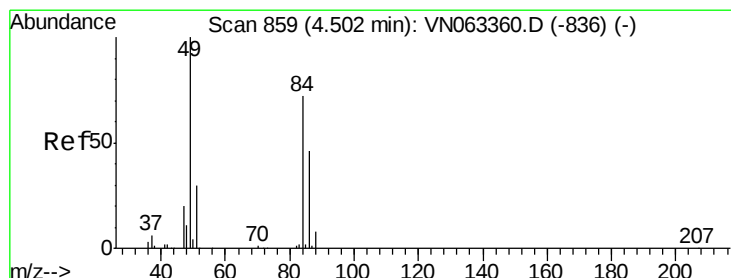
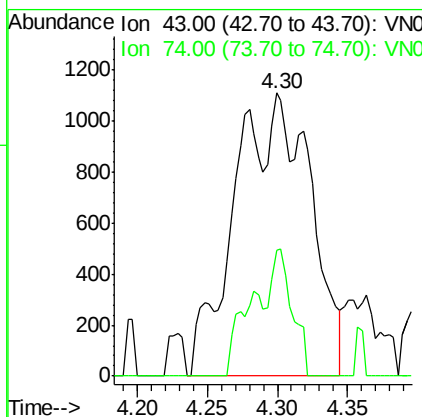
#18
Methyl Acetate
Concen: 1.373 ug/l m
RT: 4.30 min Scan# 796
Delta R.T. 0.02 min
Lab File: VN063563.D
Acq: 23 Sep 2020 4:27

Tot Ion: 43 Resp: 4183
Ion Ratio Lower Upper
43 100
74 9.6 17.4 26.2#

Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#01

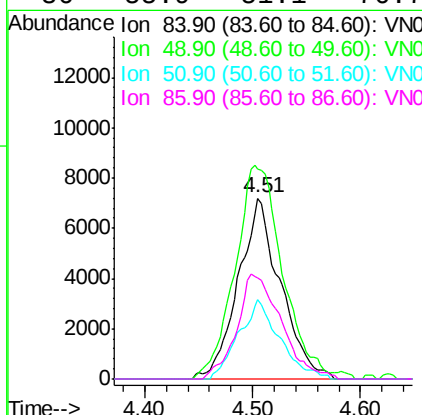
Manual Integrations
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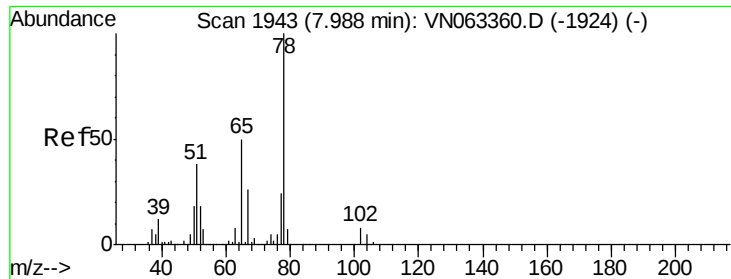
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#20
Methylene Chloride
Concen: 6.434 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063563.D
Acq: 23 Sep 2020 4:27

Tgt Ion: 84 Resp: 19565
Ion Ratio Lower Upper
84 100
49 116.6 110.7 166.1
51 44.2 32.9 49.3
86 55.9 51.1 76.7





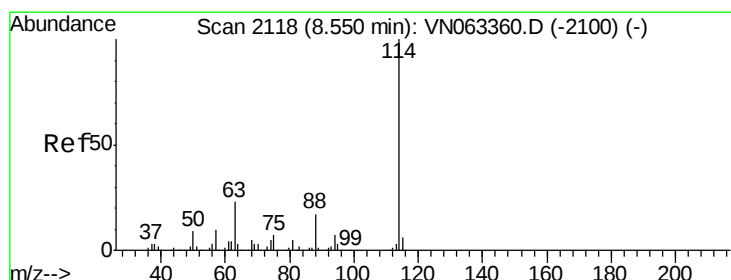
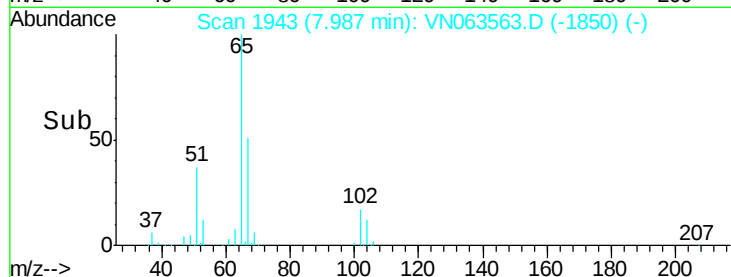
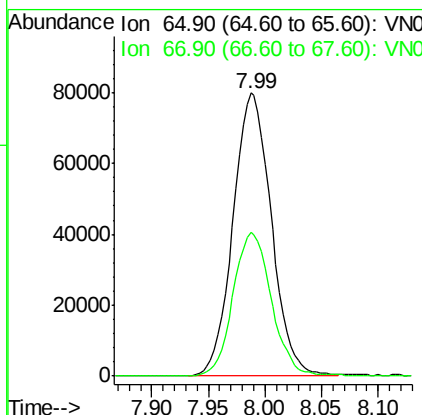
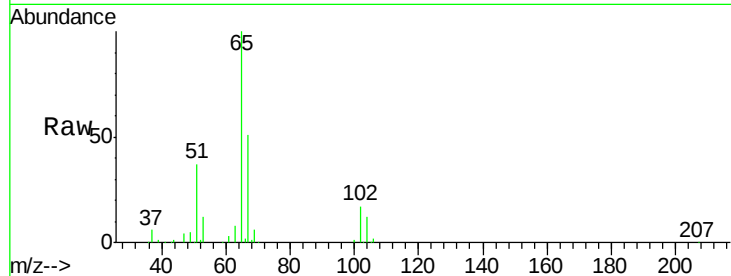
#33
 1,2-Dichloroethane-d4
 Concen: 50.511 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063563.D
 Acq: 23 Sep 2020 4:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131772ZHE#01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188633		
67	50.8	0.0	104.2	

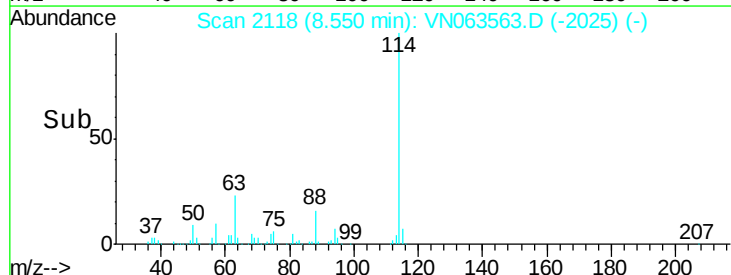
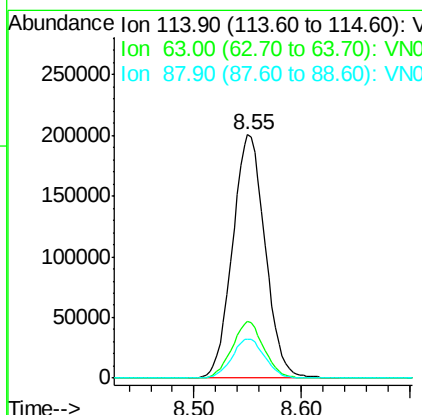
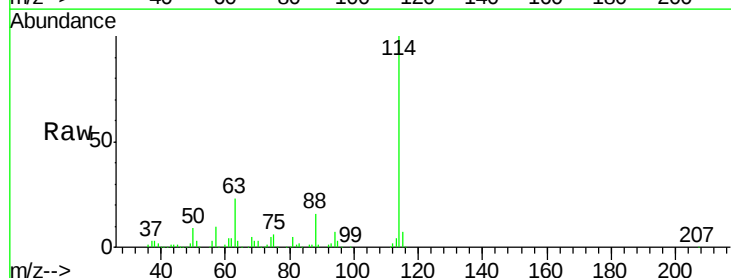
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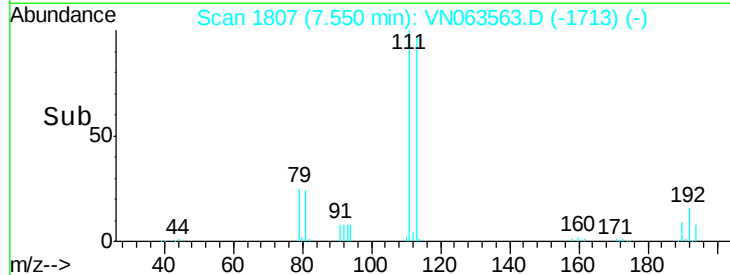
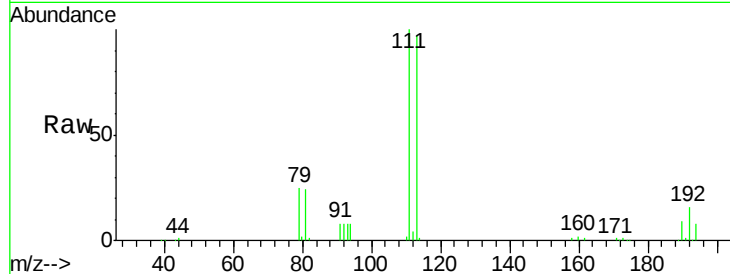
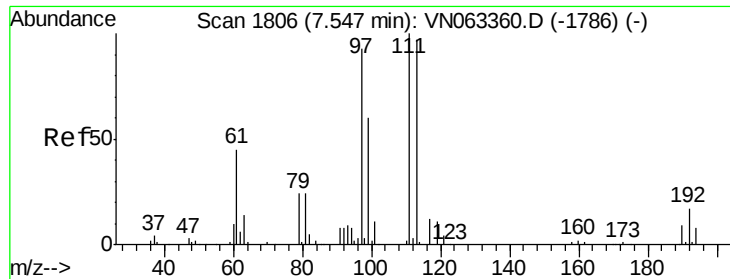
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063563.D
 Acq: 23 Sep 2020 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	422712		
63	23.3	0.0	46.4	
88	16.1	0.0	33.2	





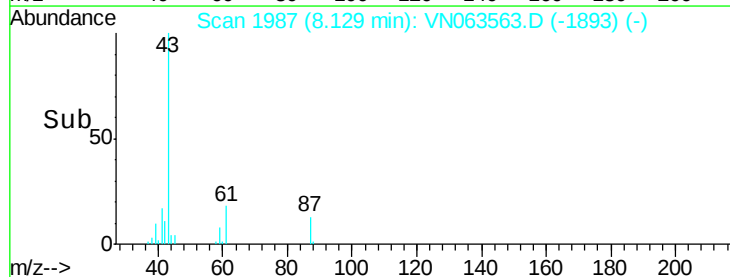
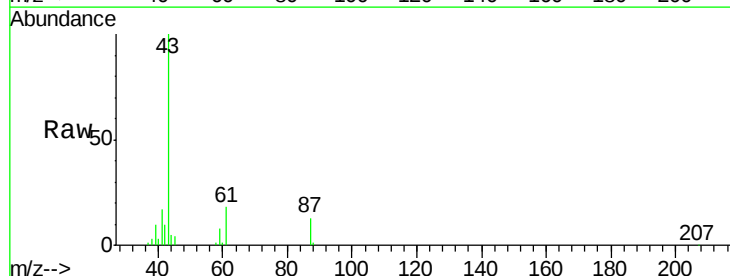
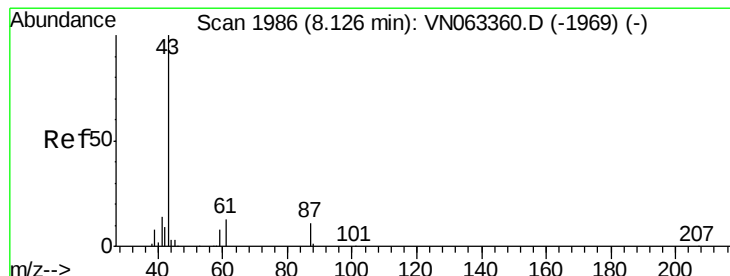
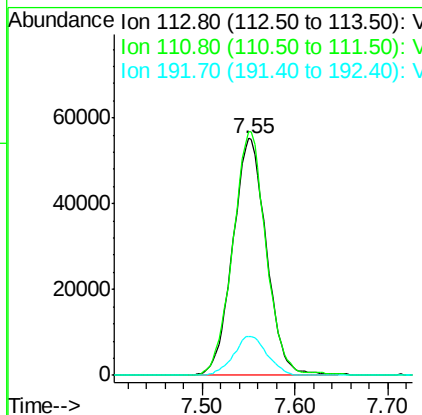
#35
Dibromofluoromethane
Concen: 47.453 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063563.D
Acq: 23 Sep 2020 4:27

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.7	82.9	124.3	
192	16.6	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#01

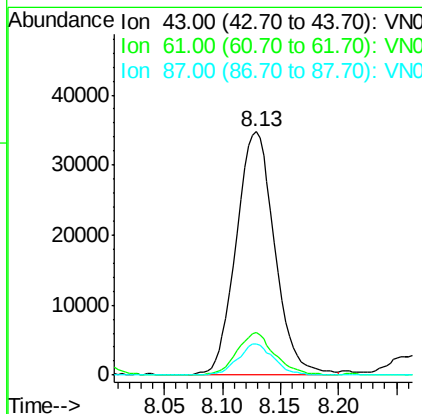
Manual Integrations
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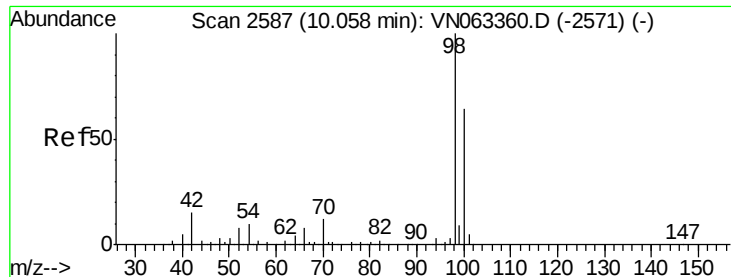
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#43
Isopropyl Acetate
Concen: 10.165 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063563.D
Acq: 23 Sep 2020 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	17.0	14.2	21.2	
87	11.8	9.0	13.6	





#50

Toluene-d8

Concen: 49.957 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063563.D

Acq: 23 Sep 2020 4:27

Instrument :

MSVOA_N

ClientSampleId :

PB131772ZHE#01

Tot Ion: 98 Resp: 549707

Ion Ratio Lower Upper

98 100

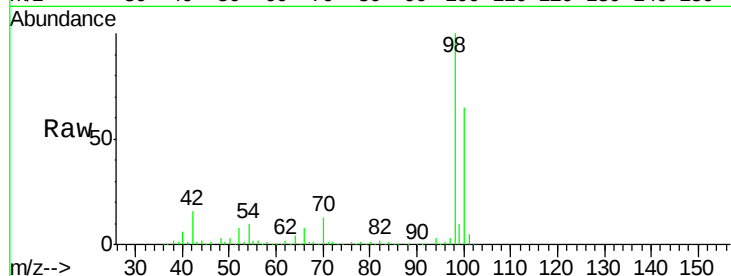
100 63.4 50.7 76.1

Manual Integrations

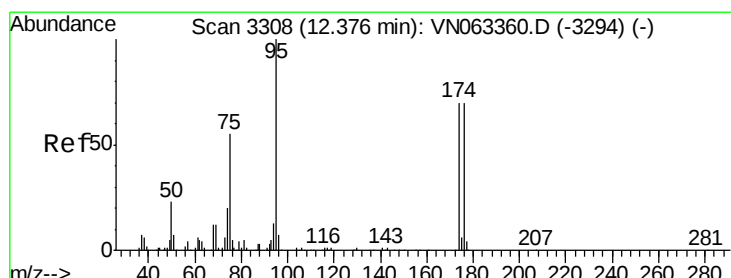
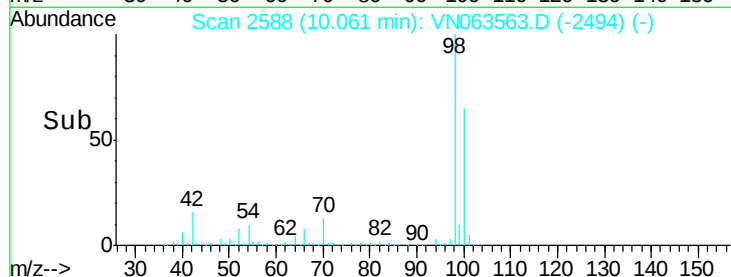
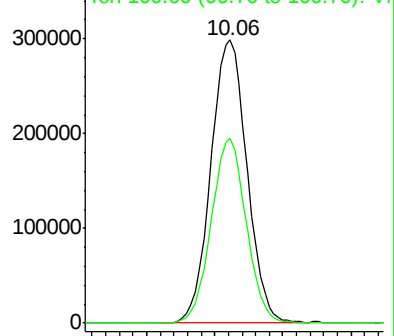
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Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 54.532 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063563.D

Acq: 23 Sep 2020 4:27

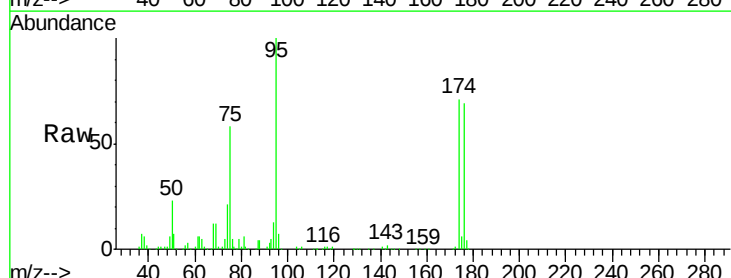
Tgt Ion: 95 Resp: 219968

Ion Ratio Lower Upper

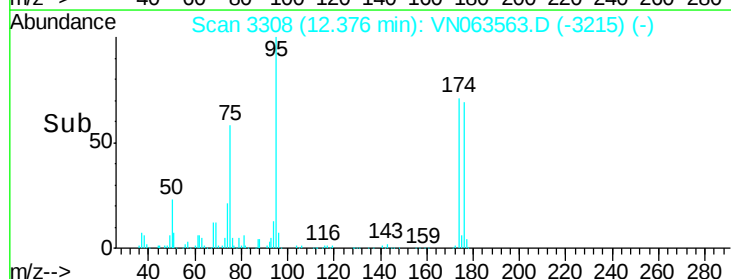
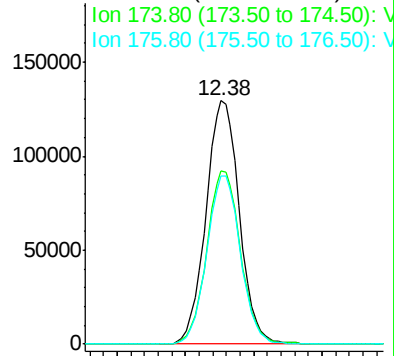
95 100

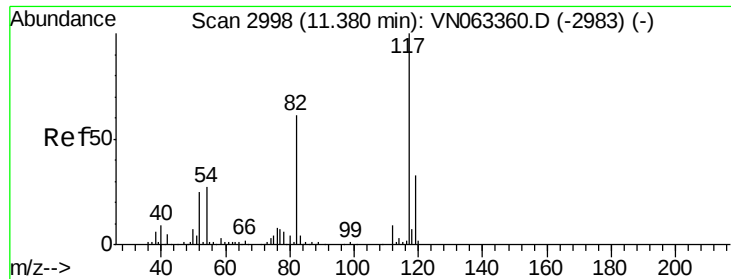
174 72.0 0.0 140.8

176 69.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)





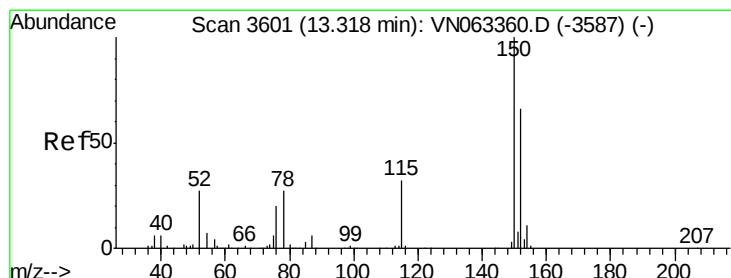
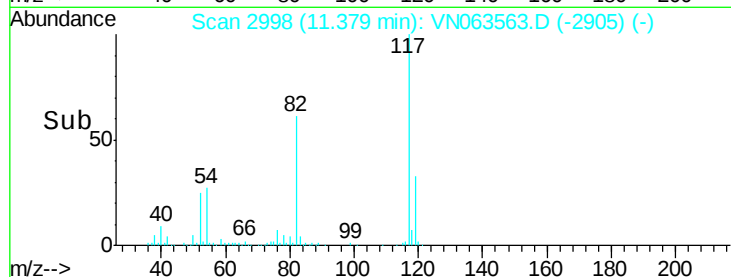
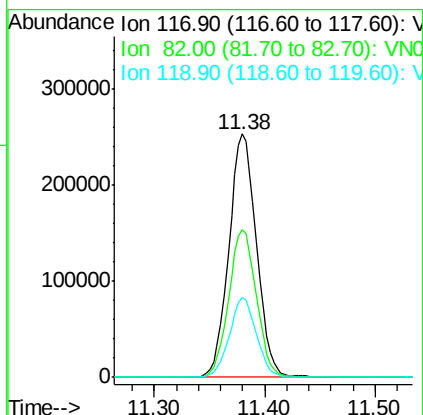
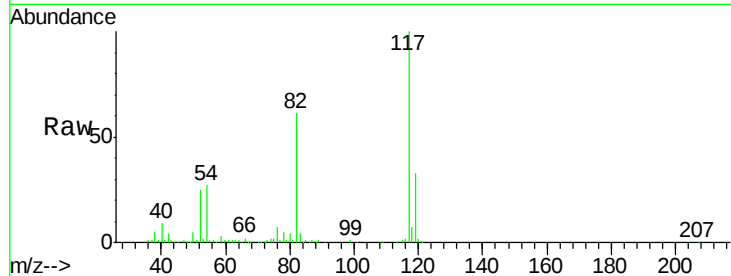
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063563.D
Acq: 23 Sep 2020 4:27

Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	439081		
82	60.8	49.2	73.8	
119	32.7	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: VN063563.D
Acq: 23 Sep 2020 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	190559		
115	64.3	32.2	96.6	
150	155.2	0.0	343.4	

