

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063535.D
 Acq On : 22 Sep 2020 16:08
 Operator : JC/MD
 Sample : L4082-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D1-20200915

Manual Integrations
 APPROVED

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 9/23/2020 1:05:44 PM

Quant Time: Sep 23 04:32:59 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	225586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	185237	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	7.55	113	133689	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
50) Toluene-d8	10.06	98	533677	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.38	95	204313	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
Target Compounds						
30) Chloroform	7.34	83	1692m	0.301	ug/l	
44) Trichloroethene	8.80	130	20290	6.569	ug/l	90
52) Toluene	10.12	92	1717	0.224	ug/l	98
64) Tetrachloroethene	10.60	164	2766	0.973	ug/l	97

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

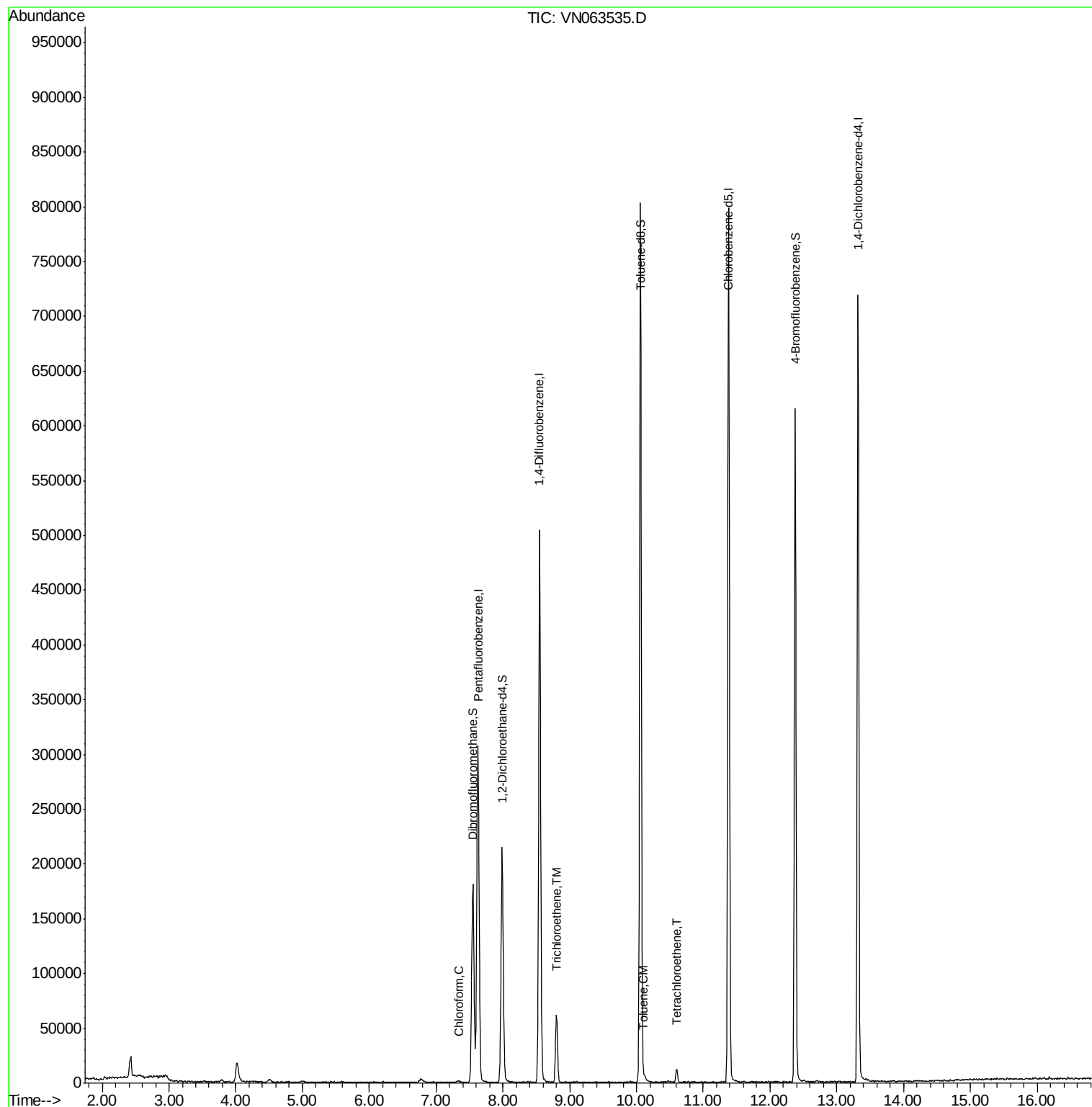
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063535.D
Acq On : 22 Sep 2020 16:08
Operator : JC/MD
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

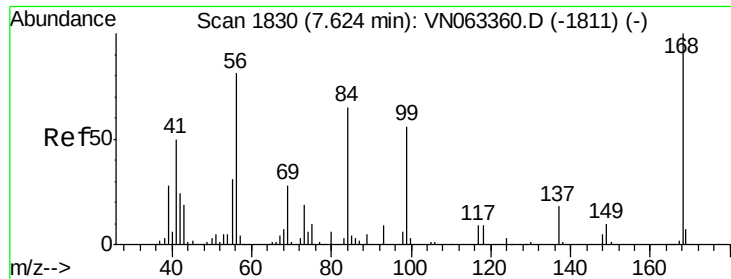
Instrument :
MSVOA_N
ClientSampleId :
RE134D1-20200915

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Quant Time: Sep 23 04:32:59 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: VN063535.D

Acq: 22 Sep 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

RE134D1-20200915

Tot Ion:168 Resp: 225586

Ion Ratio Lower Upper

168 100

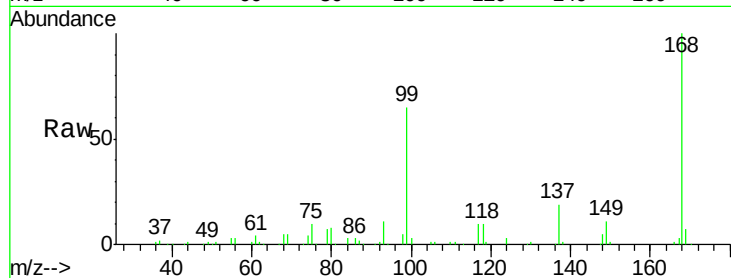
99 64.7 53.0 79.6

Manual Integrations

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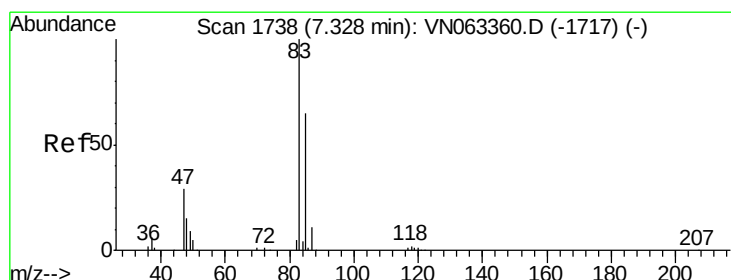
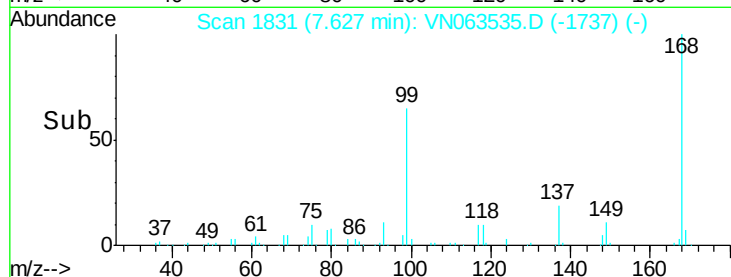
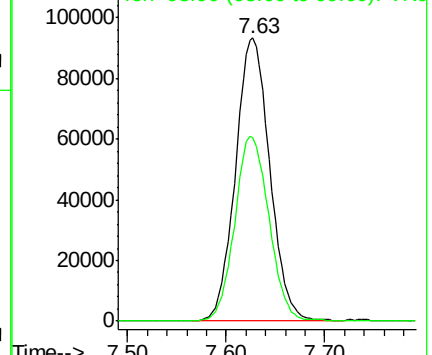
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#30

Chloroform

Concen: 0.301 ug/l m

RT: 7.34 min Scan# 1743

Delta R.T. 0.02 min

Lab File: VN063535.D

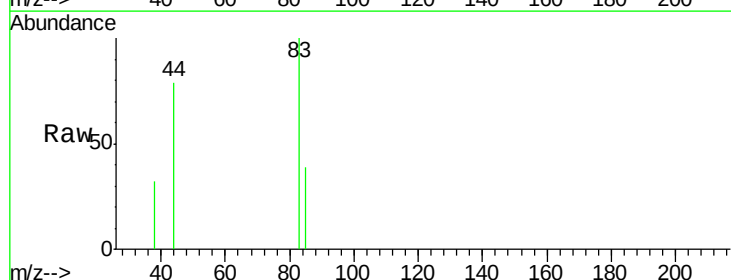
Acq: 22 Sep 2020 16:08

Tgt Ion: 83 Resp: 1692

Ion Ratio Lower Upper

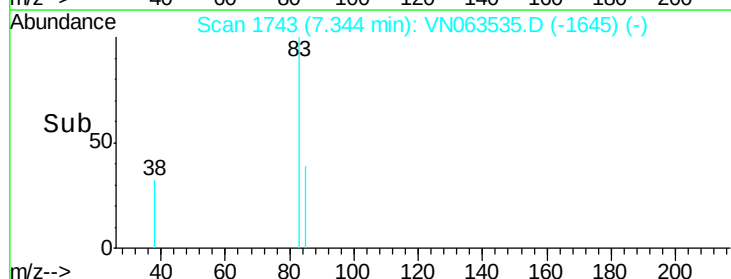
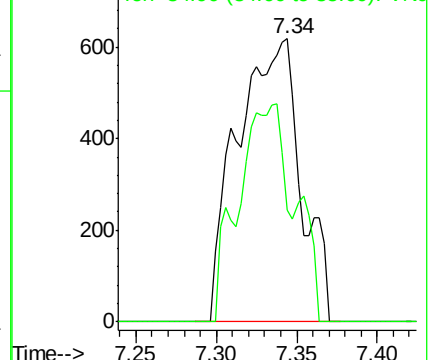
83 100

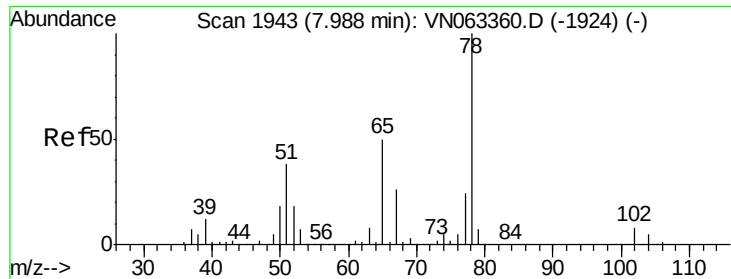
85 39.5 52.1 78.1#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO





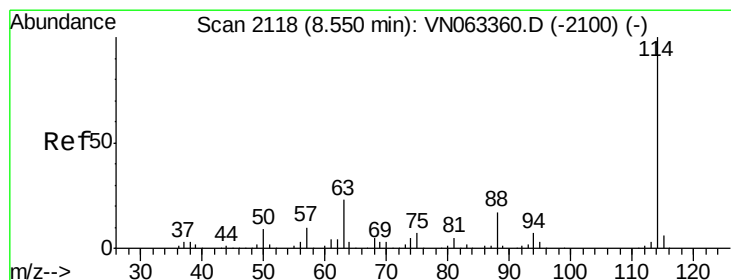
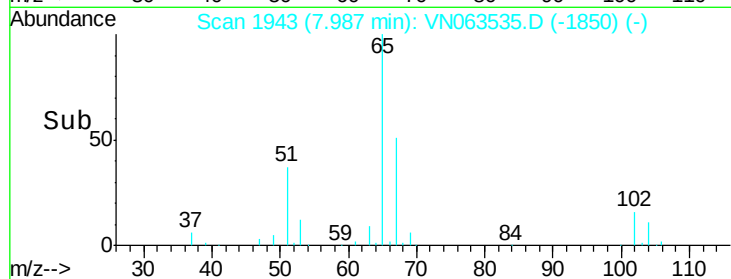
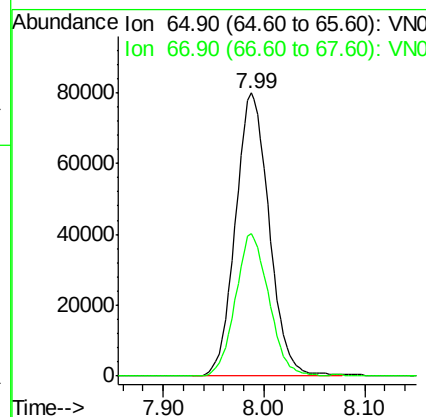
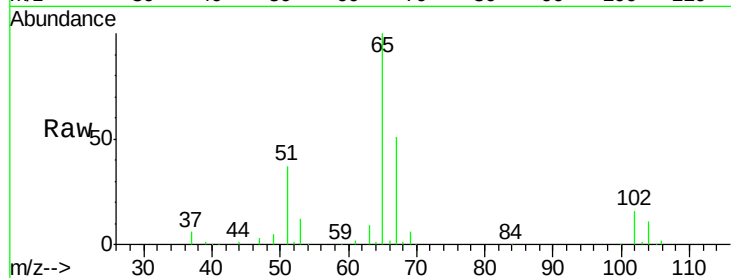
#33
 1,2-Dichloroethane-d4
 Concen: 48.238 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063535.D
 Acq: 22 Sep 2020 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D1-20200915

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185237		
67	50.1	0.0	104.2	

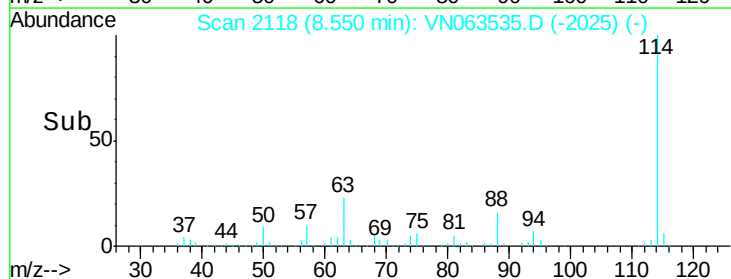
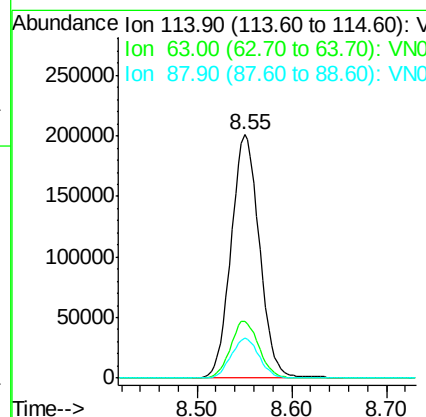
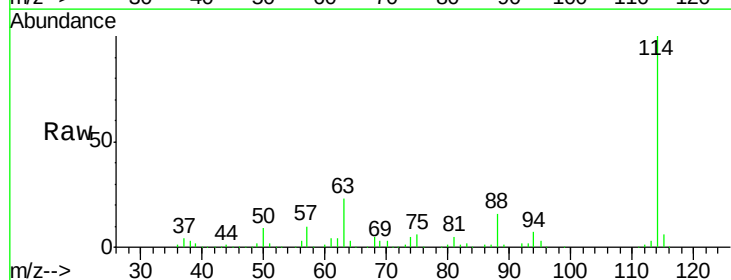
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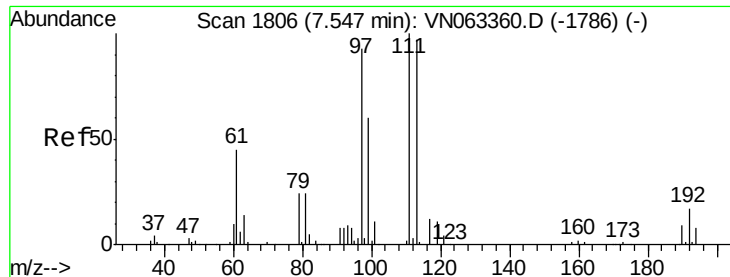
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063535.D
 Acq: 22 Sep 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	418763		
63	23.3	0.0	46.4	
88	16.3	0.0	33.2	





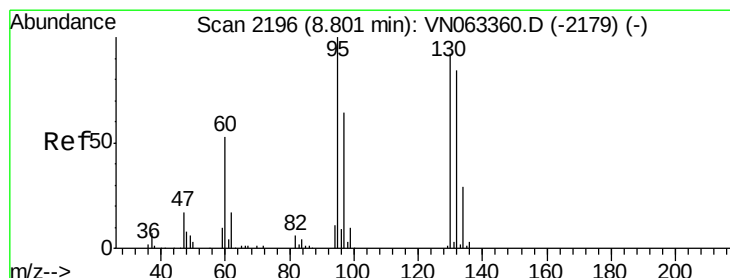
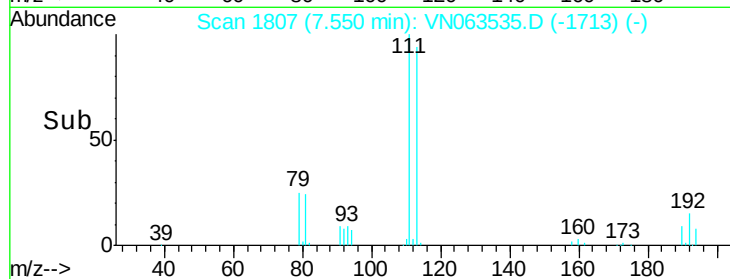
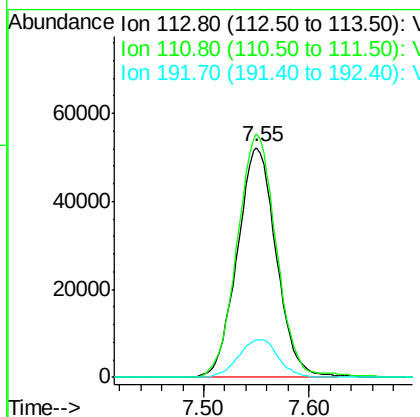
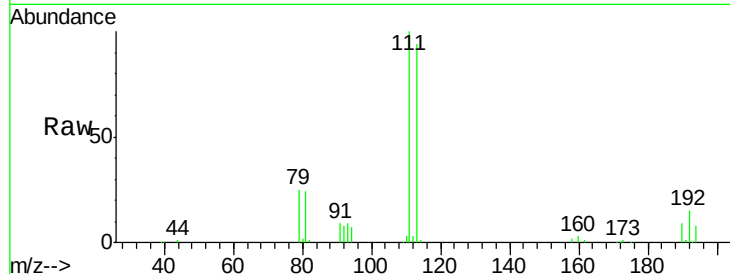
#35
 Dibromofluoromethane
 Concen: 46.115 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063535.D
 Acq: 22 Sep 2020 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D1-20200915

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133689		
111	105.8	82.9	124.3	
192	16.9	13.9	20.9	

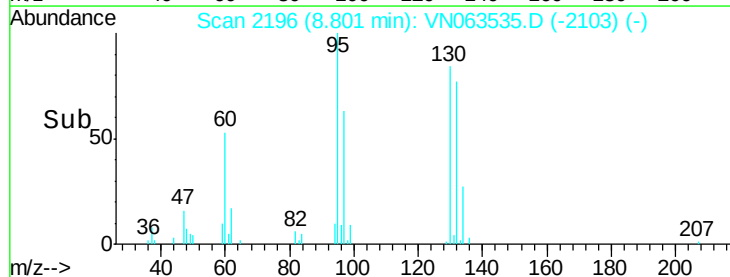
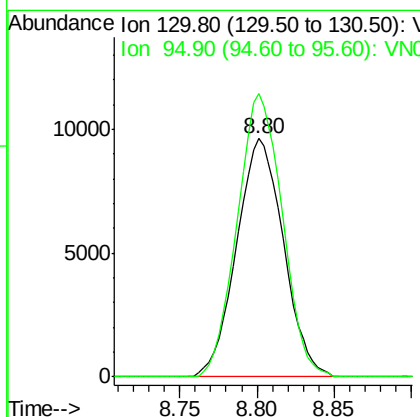
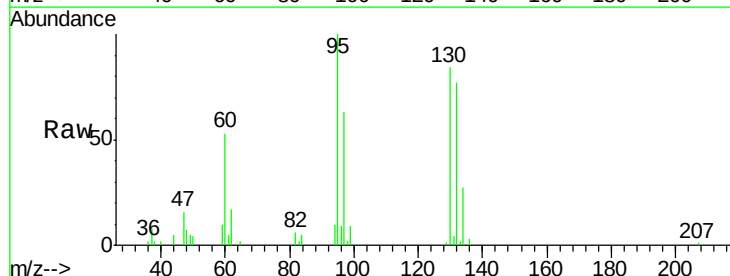
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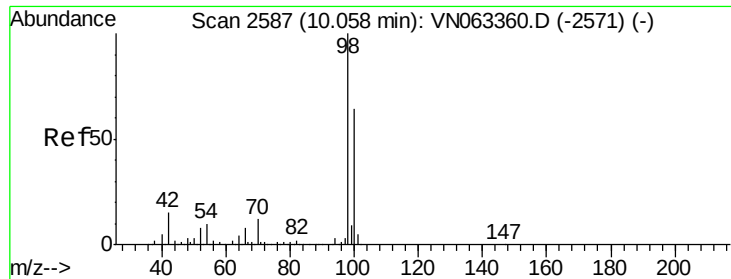
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#44
 Trichloroethene
 Concen: 6.569 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063535.D
 Acq: 22 Sep 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	20290		
95	118.7	0.0	217.4	





#50

Toluene-d8

Concen: 48.958 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063535.D

Acq: 22 Sep 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

RE134D1-20200915

Tot Ion: 98 Resp: 533677

Ion Ratio Lower Upper

98 100

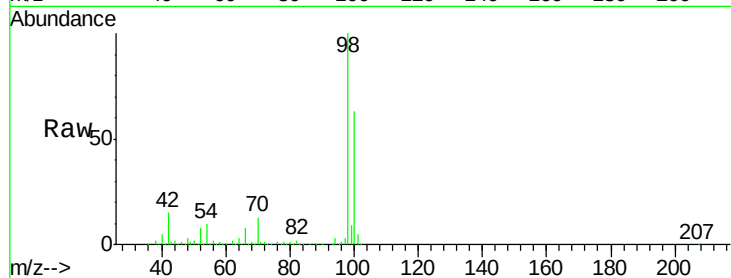
100 63.4 50.7 76.1

Manual Integrations

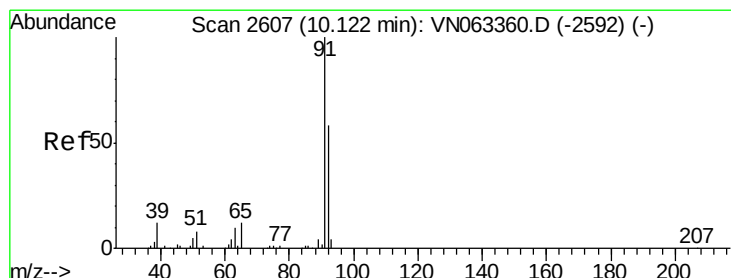
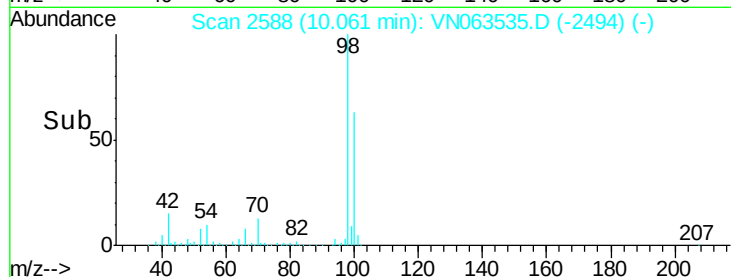
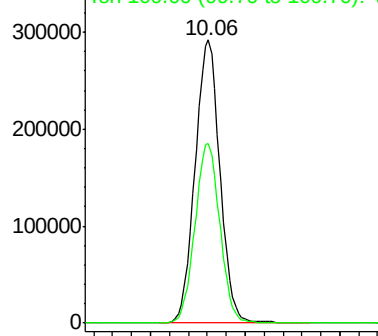
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Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#52

Toluene

Concen: 0.224 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN063535.D

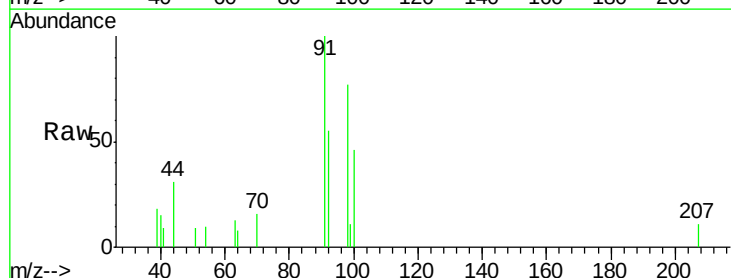
Acq: 22 Sep 2020 16:08

Tgt Ion: 92 Resp: 1717

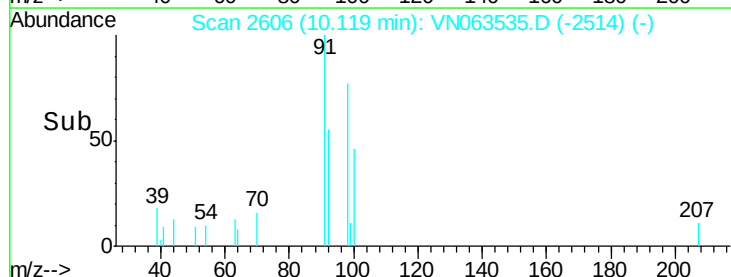
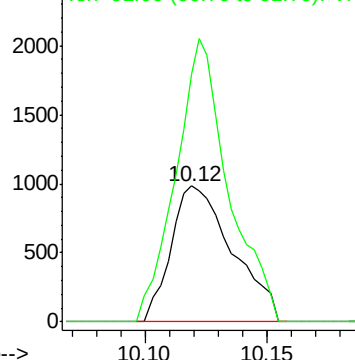
Ion Ratio Lower Upper

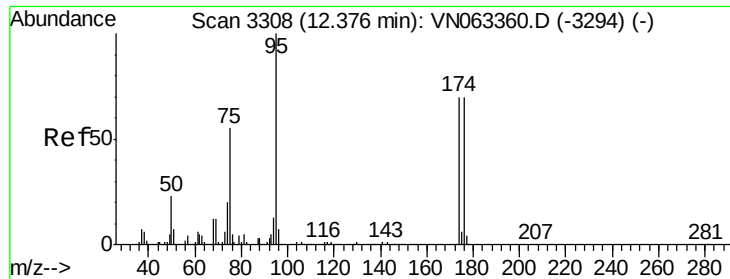
92 100

91 177.6 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)





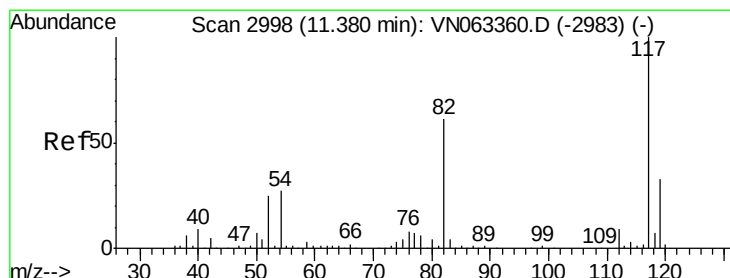
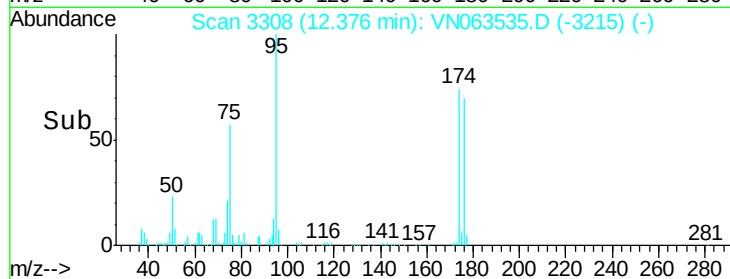
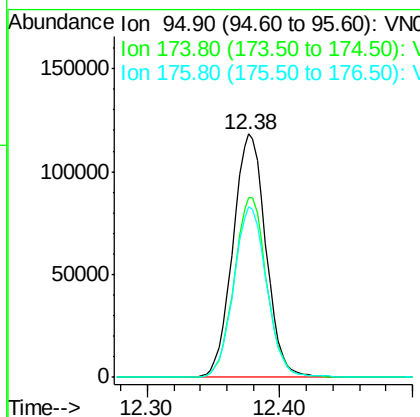
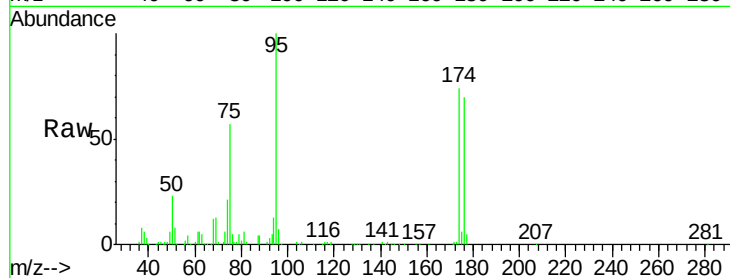
#62
4-Bromofluorobenzene
Concen: 51.129 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063535.D
Acq: 22 Sep 2020 16:08

Instrument :
MSVOA_N
ClientSampleId :
RE134D1-20200915

Tot Ion	Ratio	Resp	Lower	Upper
95	100	204313		
174	73.2	0.0	140.8	
176	70.0	0.0	137.6	

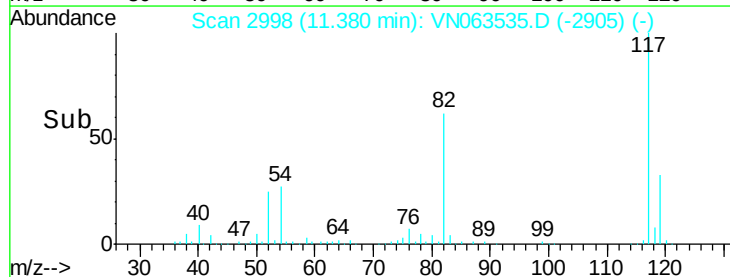
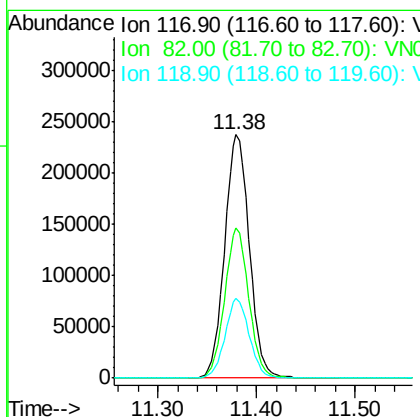
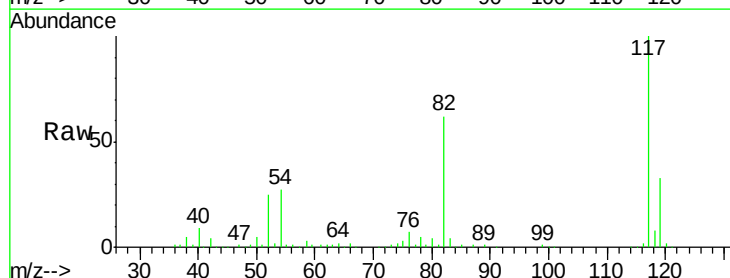
Manual Integrations
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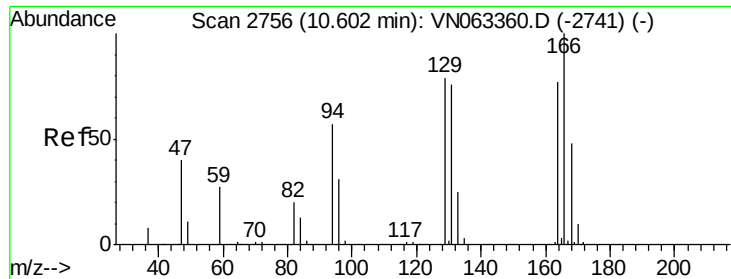
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063535.D
Acq: 22 Sep 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	417591		
82	61.8	49.2	73.8	
119	32.5	26.2	39.4	





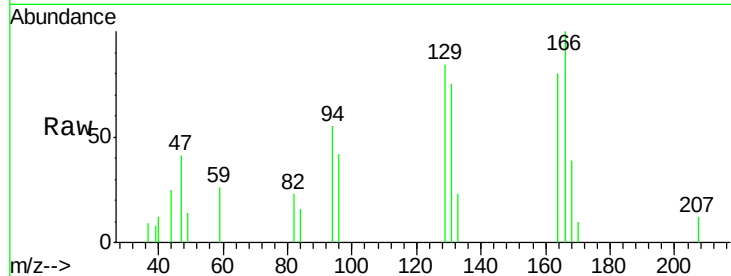
#64
Tetrachloroethene
Concen: 0.973 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063535.D
Acq: 22 Sep 2020 16:08

Instrument :
MSVOA_N
ClientSampleId :
RE134D1-20200915

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.4	103.4	155.0
129	104.8	81.8	122.6
131	93.7	78.2	117.4

Manual Integrations
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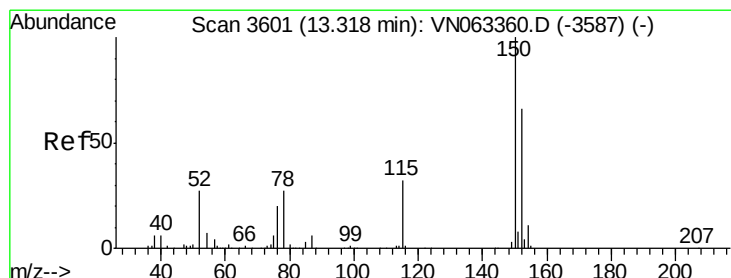
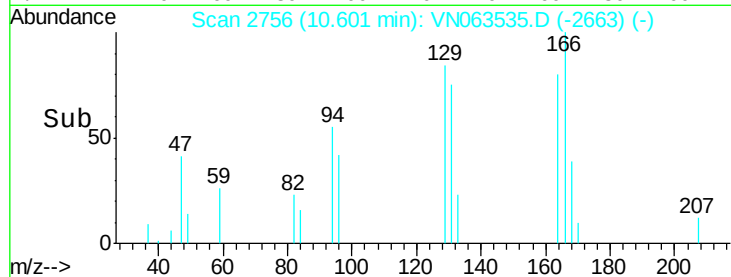
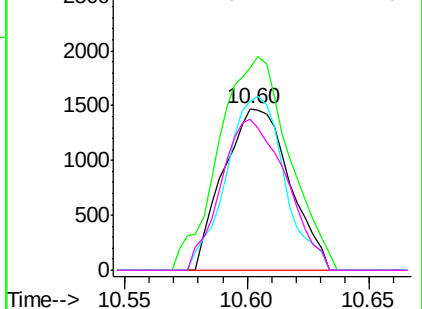


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063535.D
Acq: 22 Sep 2020 16:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	32.2	96.6
150	159.2	0.0	343.4

Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

