

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064148.D
 Acq On : 15 Oct 2020 17:07
 Operator : JC/MD
 Sample : L4417-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Manual Integrations
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Quant Time: Oct 16 03:25:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	528296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	563249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	219636	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
35) Dibromofluoromethane	7.55	113	185404	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.06	98	693303	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.38	95	240486	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
Target Compounds						
19) Methyl tert-butyl Ether	5.00	73	10642m	1.292	ug/l	Qvalue
64) Tetrachloroethene	10.60	164	12396	2.919	ug/l	97

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

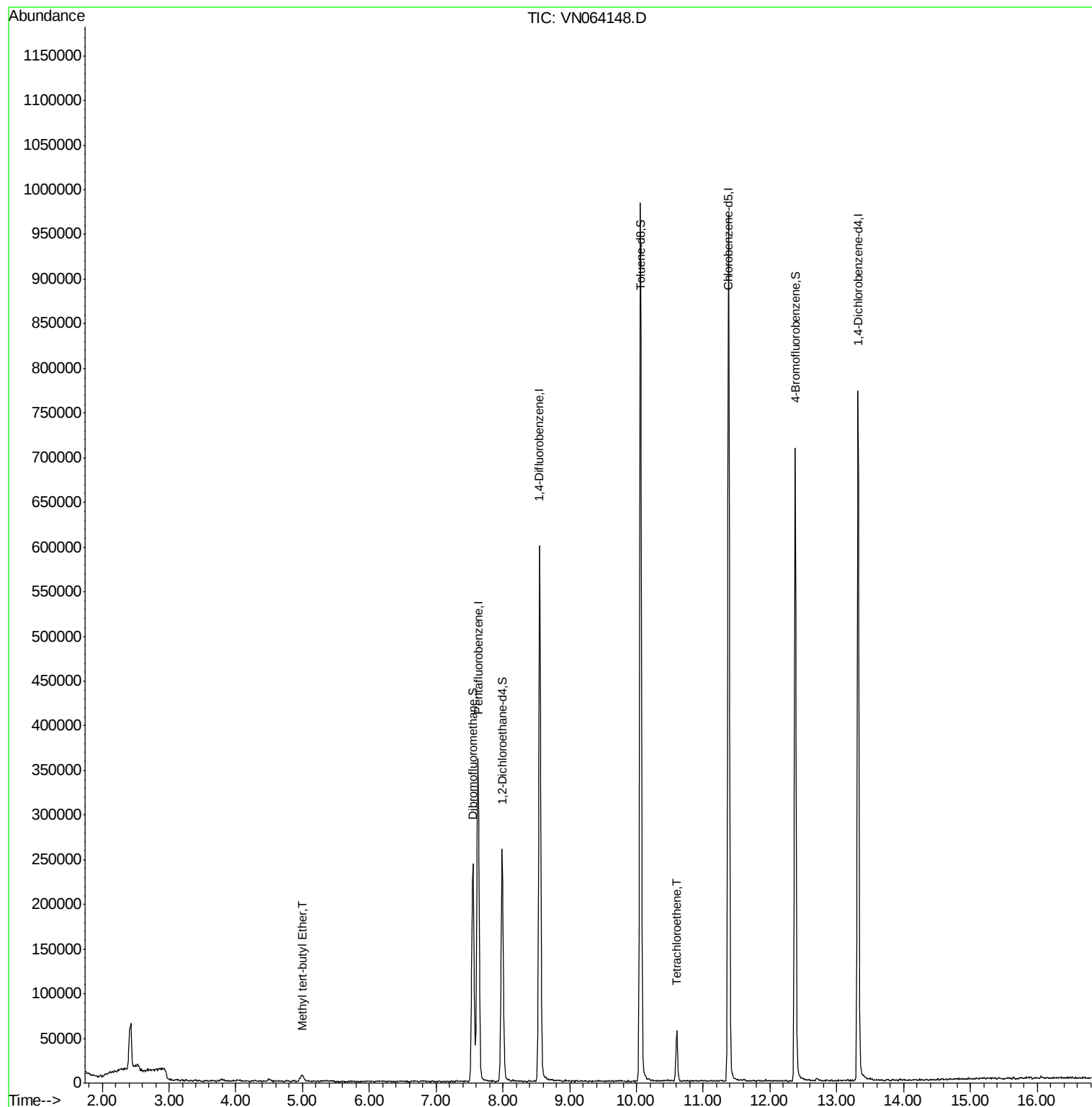
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101520\
Data File : VN064148.D
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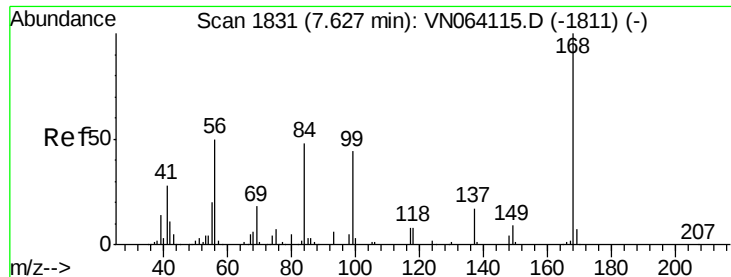
Instrument :
MSVOA_N
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MW-7

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 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: VN064148.D

Acq: 15 Oct 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

MW-7

Tot Ion:168 Resp: 280298

Ion Ratio Lower Upper

168 100

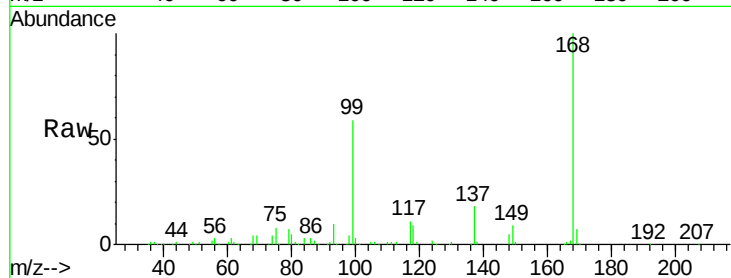
99 59.0 43.6 65.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

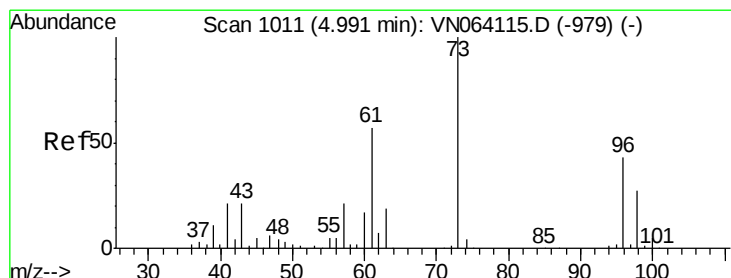
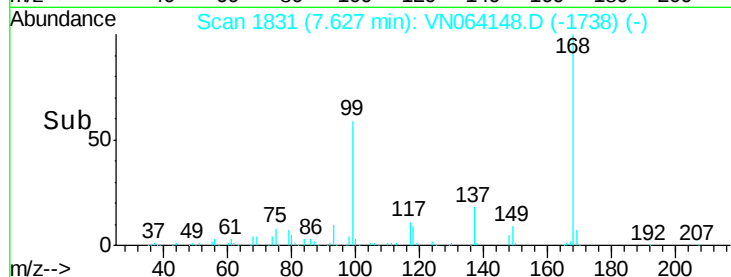
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#19

Methyl tert-butyl Ether

Concen: 1.292 ug/l m

RT: 5.00 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VN064148.D

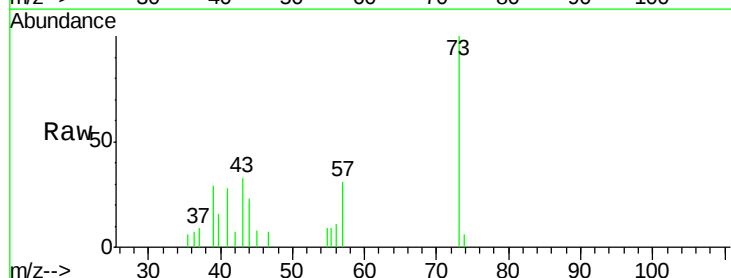
Acq: 15 Oct 2020 17:07

Tgt Ion: 73 Resp: 10642

Ion Ratio Lower Upper

73 100

57 30.9 17.0 25.4#



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

5.00

3000

2500

2000

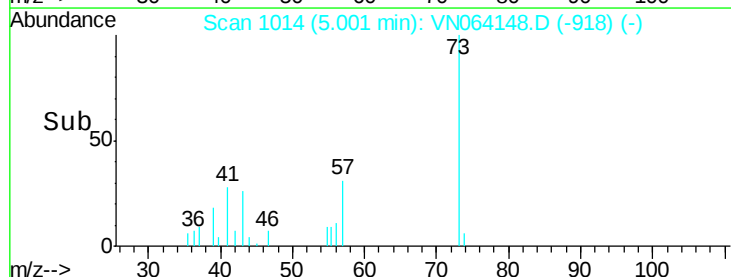
1500

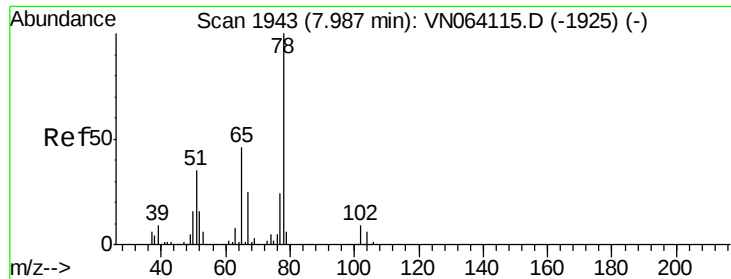
1000

500

0

Time--> 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 55.019 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064148.D

Acq: 15 Oct 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

MW-7

Tot Ion: 65 Resp: 219636

Ion Ratio Lower Upper

65 100

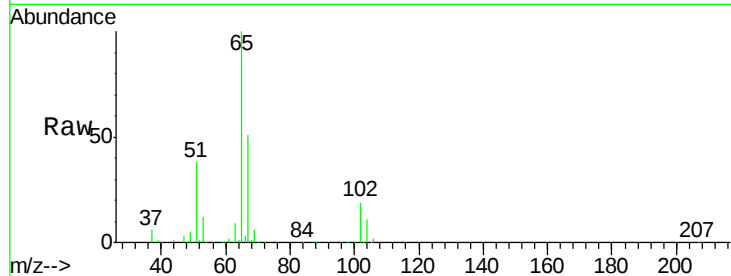
67 53.0 0.0 105.6

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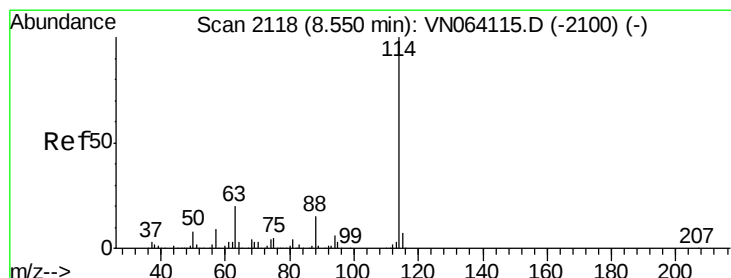
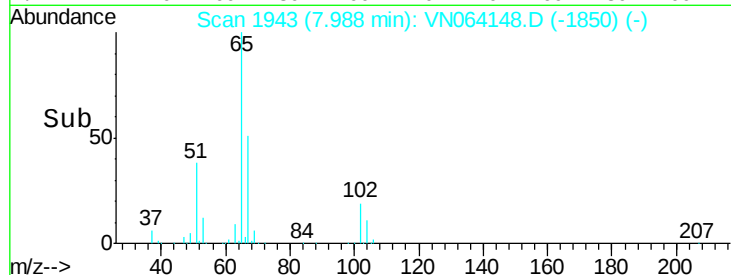
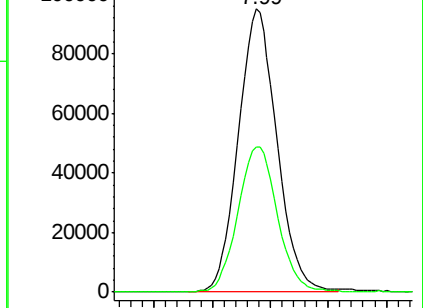
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Abundance Ion 64.90 (64.60 to 65.60): VN064148.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064148.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064148.D

Acq: 15 Oct 2020 17:07

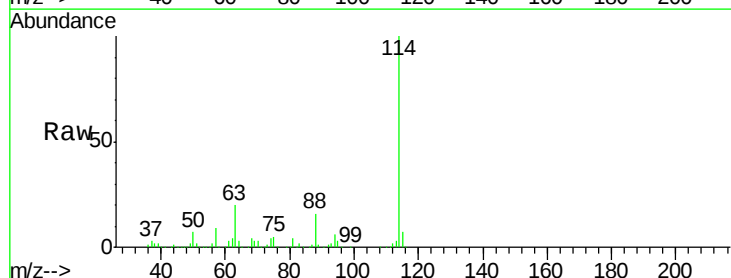
Tgt Ion: 114 Resp: 528296

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.0

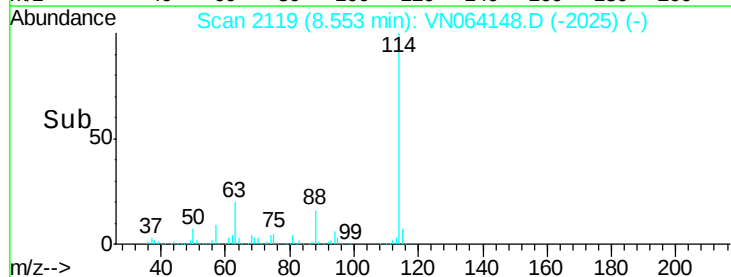
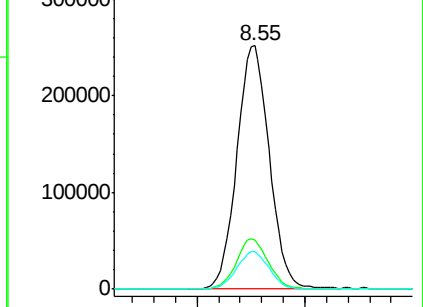
88 15.6 0.0 29.2

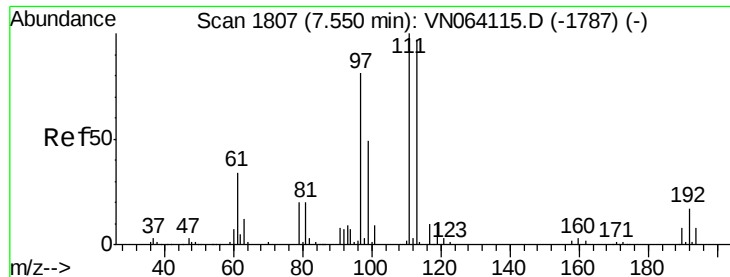


Abundance Ion 113.90 (113.60 to 114.60): VN064148.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064148.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064148.D (-2025) (-)





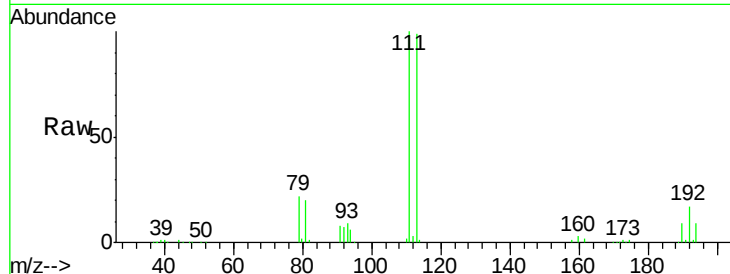
#35
 Dibromofluoromethane
 Concen: 50.704 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064148.D
 Acq: 15 Oct 2020 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	17.5	14.3	21.5

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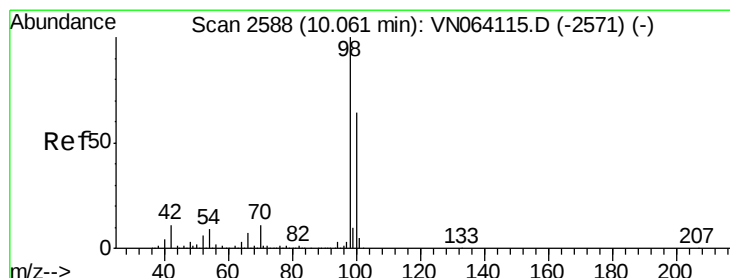
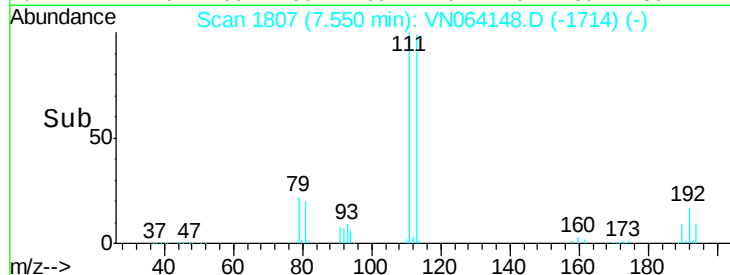
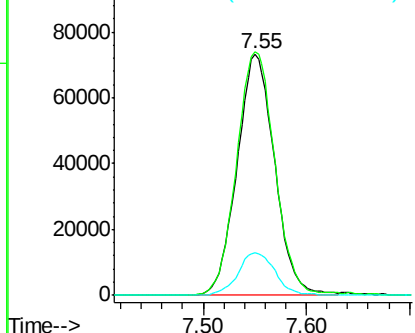


Abundance

Ion 112.80 (112.50 to 113.50): V

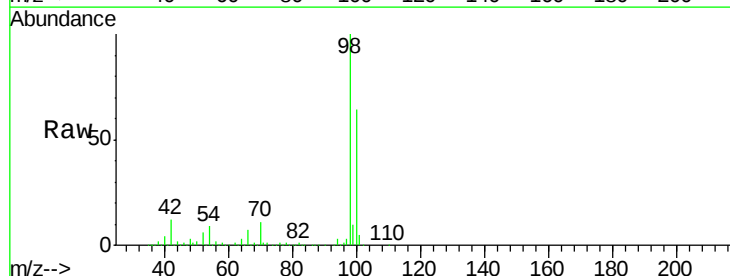
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 50.251 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064148.D
 Acq: 15 Oct 2020 17:07

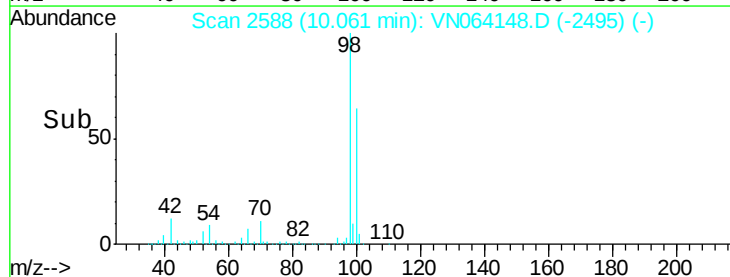
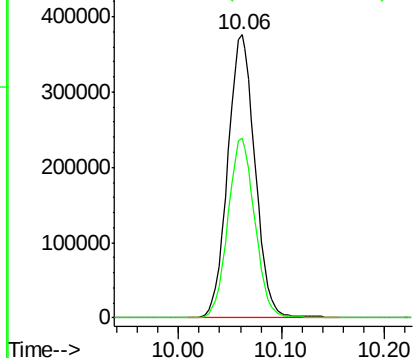
Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.8	76.2

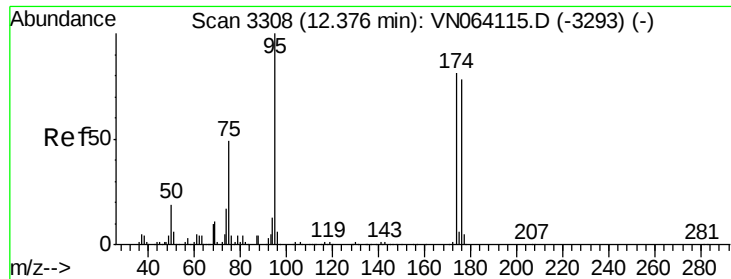


Abundance

Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





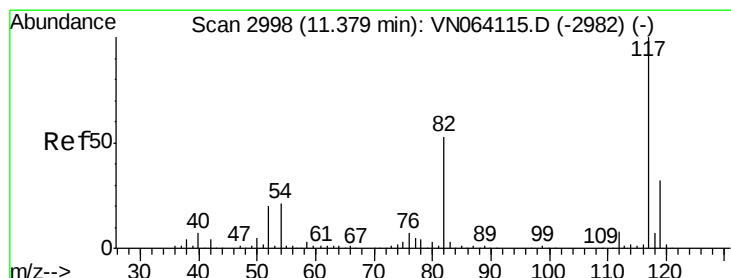
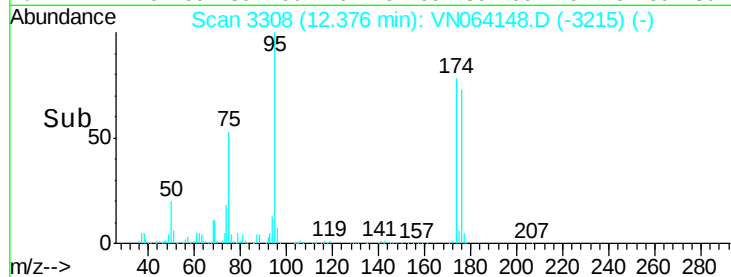
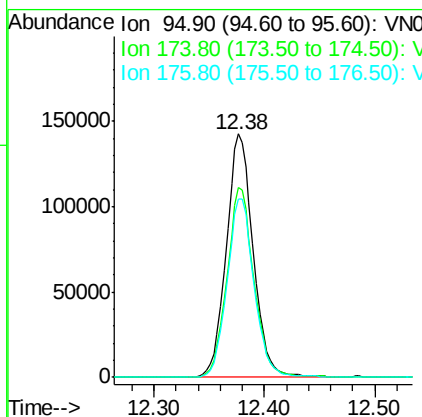
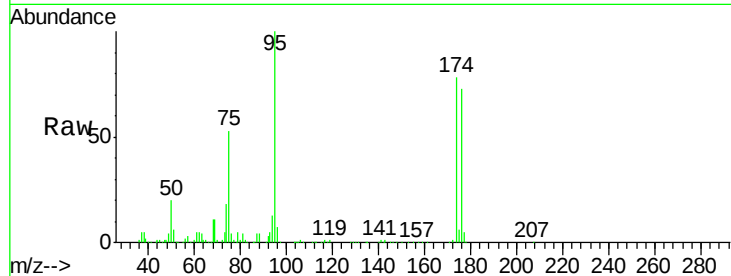
#62
4-Bromofluorobenzene
Concen: 50.710 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064148.D
Acq: 15 Oct 2020 17:07

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tot Ion	Ratio	Resp	Lower	Upper
95	100	240486		
174	77.9	0.0	164.8	
176	73.7	0.0	157.8	

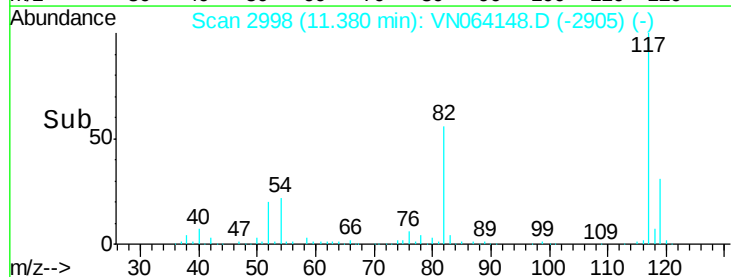
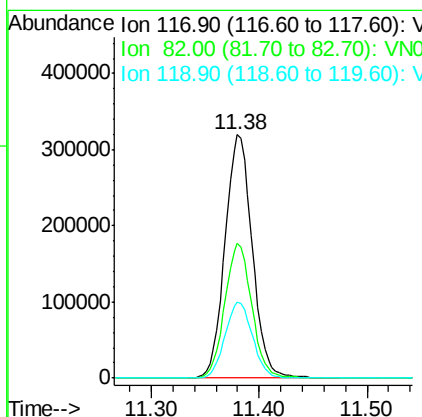
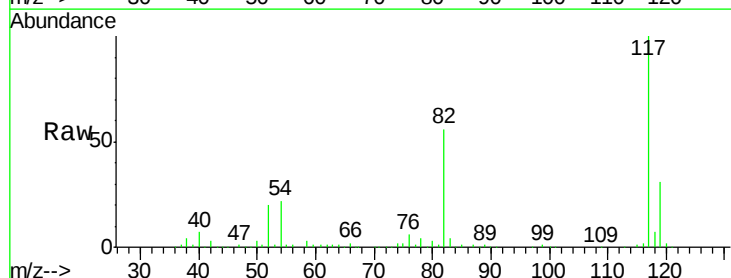
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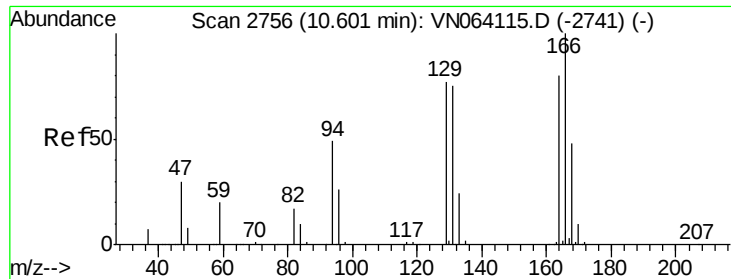
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064148.D
Acq: 15 Oct 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	563249		
82	55.6	42.6	63.8	
119	31.2	25.5	38.3	





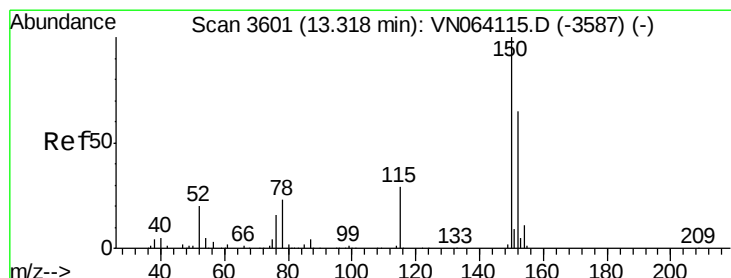
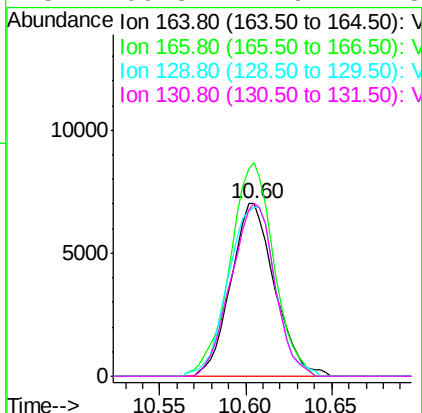
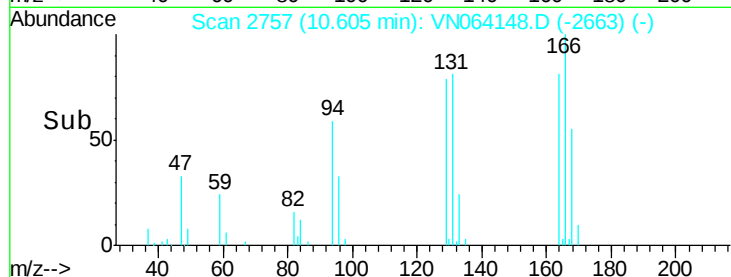
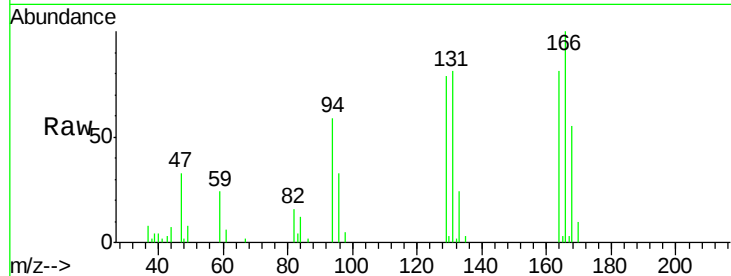
#64
 Tetrachloroethene
 Concen: 2.919 ug/l
 RT: 10.60 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: VN064148.D
 Acq: 15 Oct 2020 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	123.9	99.7	149.5	
129	98.3	77.0	115.4	
131	100.3	74.6	111.8	

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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: VN064148.D
 Acq: 15 Oct 2020 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	60.8	29.3	87.8	
150	159.2	0.0	346.0	

