

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064768.D
 Acq On : 20 Nov 2020 8:19
 Operator : JC/MD
 Sample : L4779-02 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1641

Manual Integrations
 APPROVED

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 11/24/2020 3:11:41 PM

Quant Time: Nov 20 14:52:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	523885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	502369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	288322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	254967	66.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.54%	
35) Dibromofluoromethane	7.55	113	152430	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	10.06	98	569194	42.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.00%	
62) 4-Bromofluorobenzene	12.37	95	315058	62.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.40%	
Target Compounds						
16) Acetone	3.78	43	8412	13.985	ug/l	98
30) Chloroform	7.33	83	8696	1.614	ug/l	91
44) Trichloroethene	8.81	130	2717m	0.630	ug/l	

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

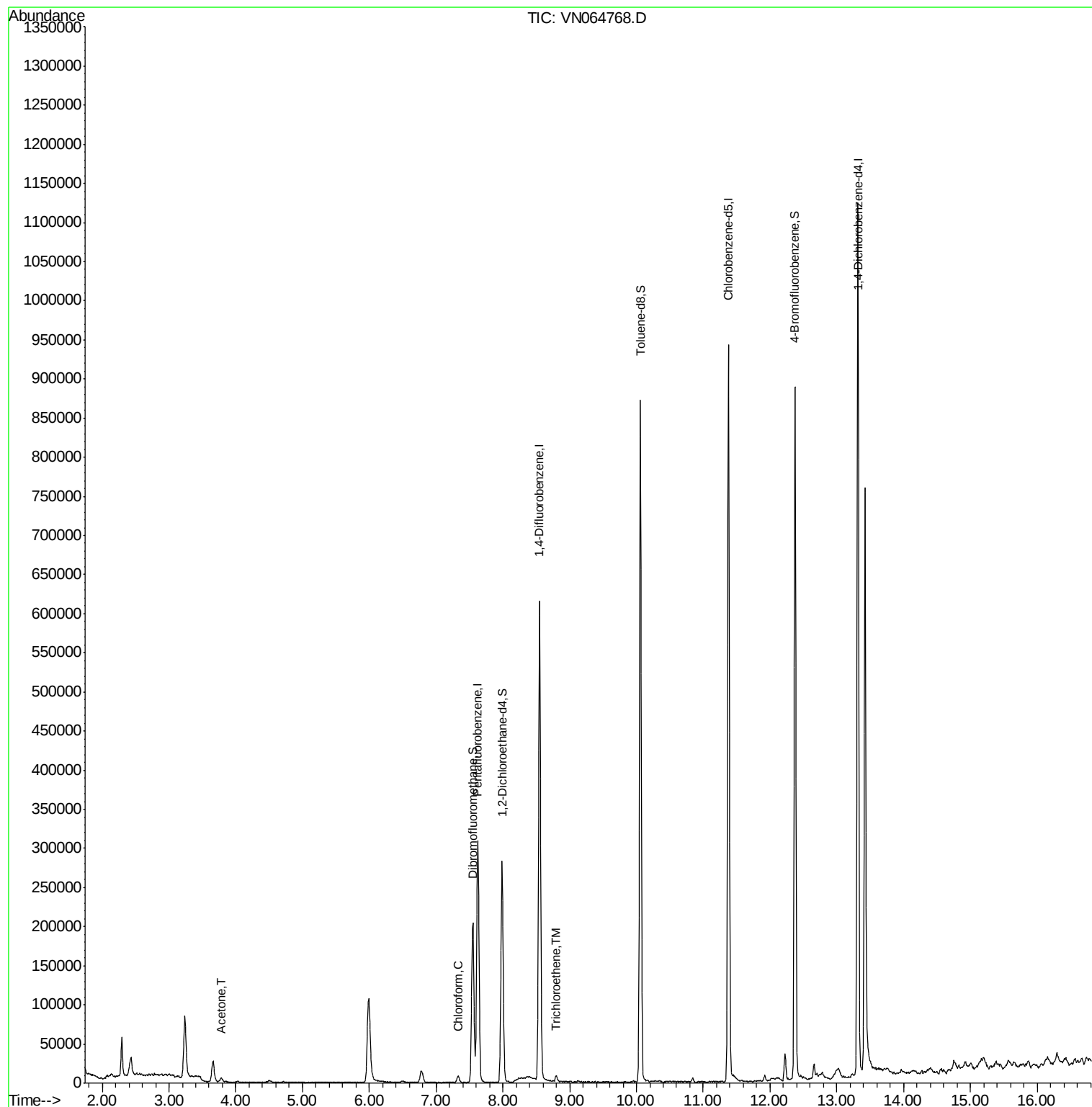
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
Data File : VN064768.D
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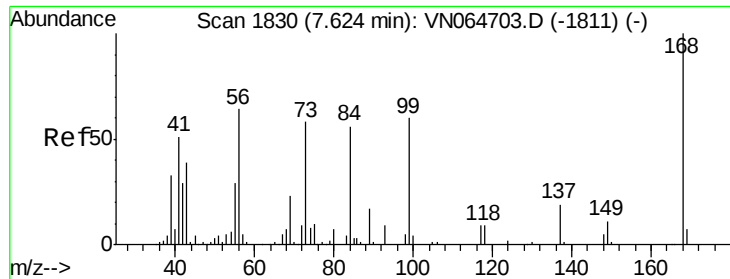
Instrument :
MSVOA_N
ClientSampled :
1641

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Quant Time: Nov 20 14:52:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 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: VN064768.D

Acq: 20 Nov 2020 8:19

Instrument :

MSVOA_N

ClientSampled :

1641

Tot Ion:168 Resp: 217072

Ion Ratio Lower Upper

168 100

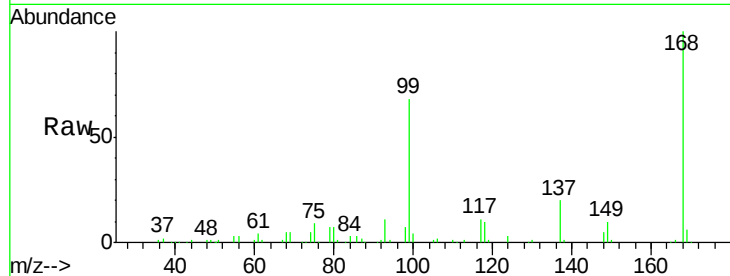
99 67.8 55.7 83.5

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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

80000

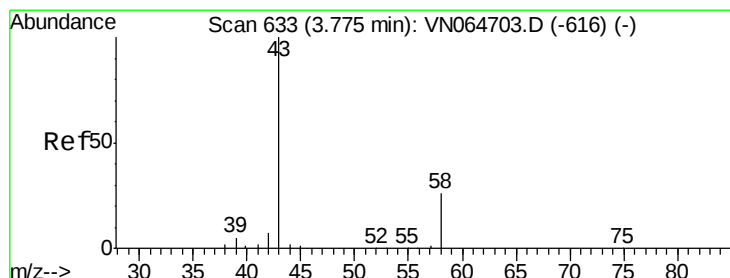
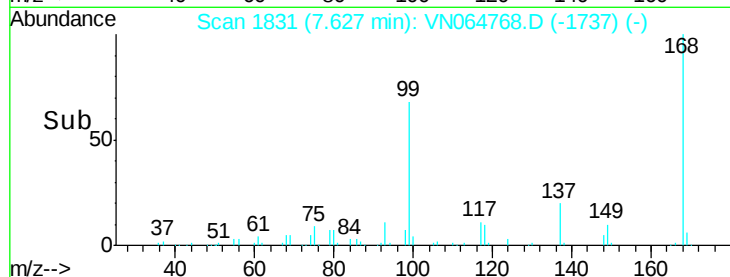
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 13.985 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064768.D

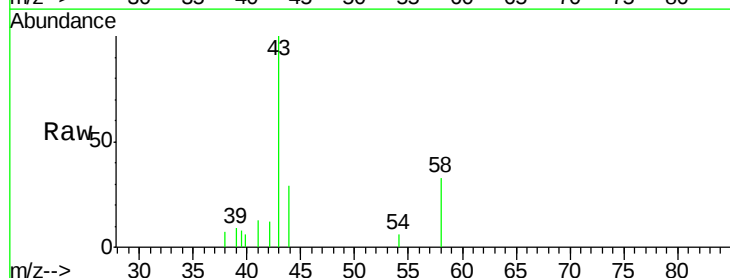
Acq: 20 Nov 2020 8:19

Tgt Ion: 43 Resp: 8412

Ion Ratio Lower Upper

43 100

58 25.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

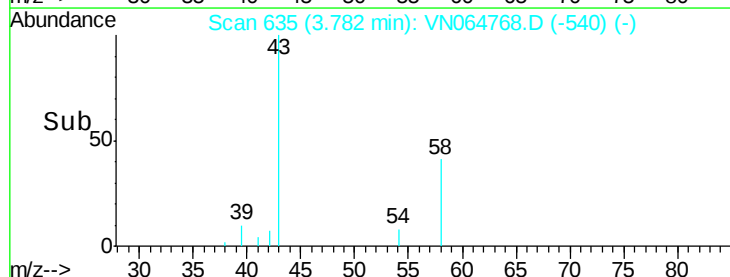
3000

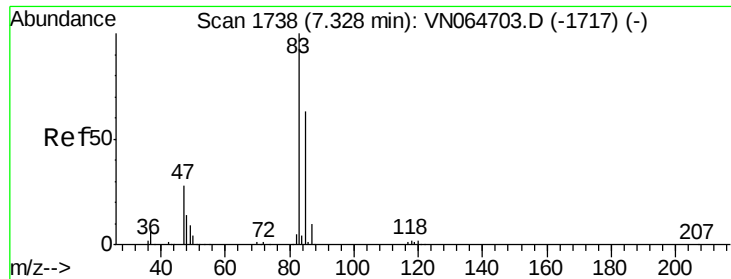
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





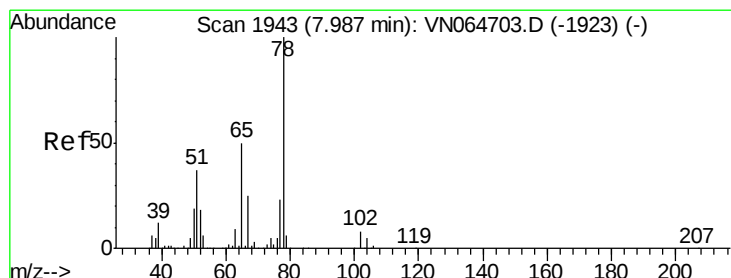
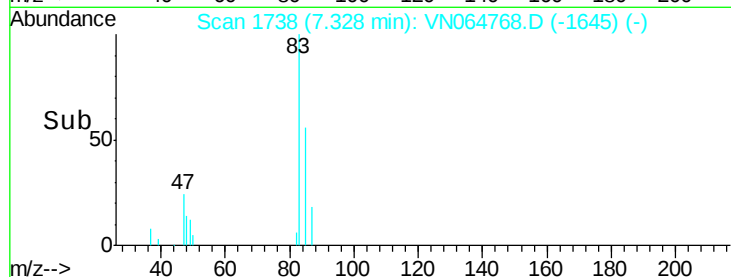
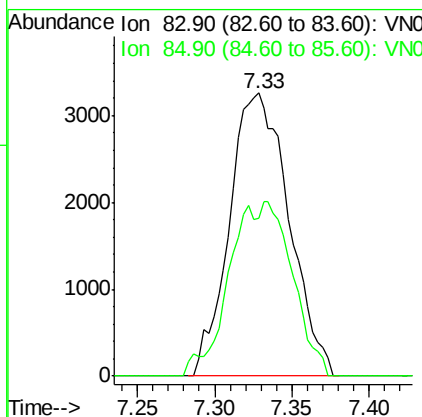
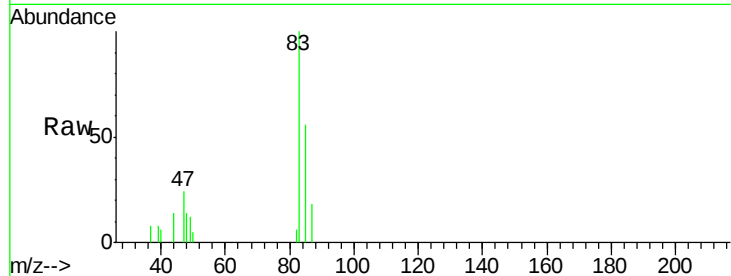
#30
Chloroform
Concen: 1.614 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064768.D
Acq: 20 Nov 2020 8:19

Instrument :
MSVOA_N
ClientSampleId :
1641

Tot Ion	83	Resp	8696
Ion Ratio	100	Lower	Upper
85	56.0	50.6	75.8

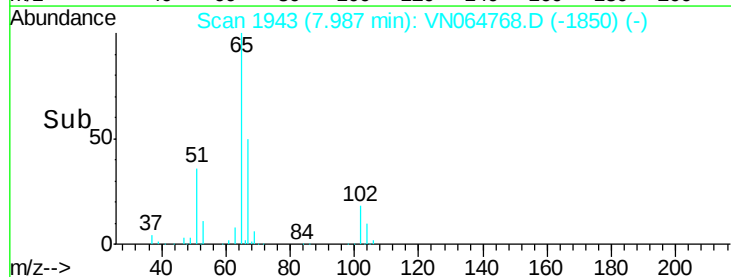
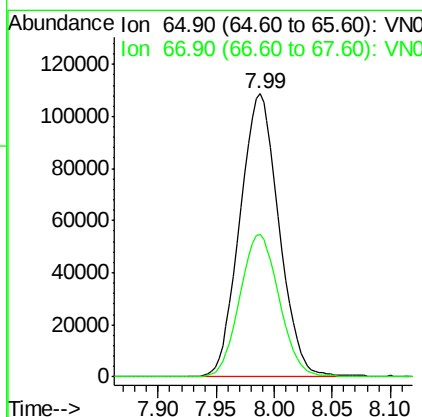
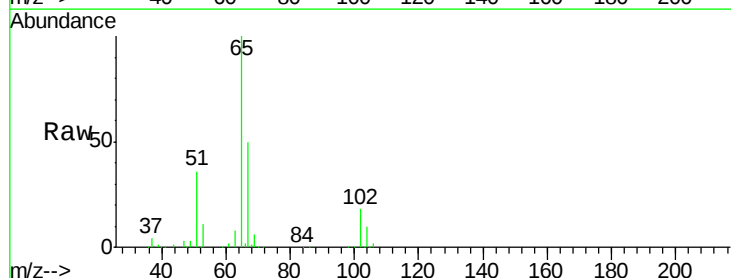
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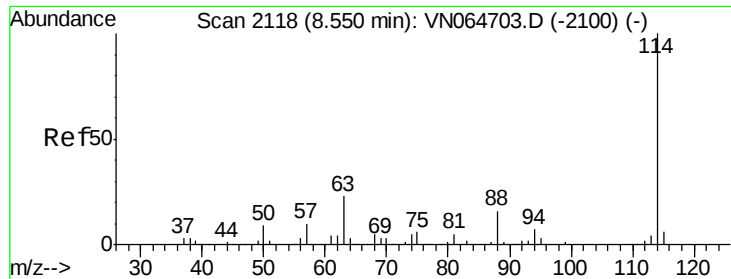
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#33
1,2-Dichloroethane-d4
Concen: 66.769 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064768.D
Acq: 20 Nov 2020 8:19

Tgt Ion	65	Resp	254967
Ion Ratio	100	Lower	Upper
67	50.9	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064768.D

Acq: 20 Nov 2020 8:19

Instrument :

MSVOA_N

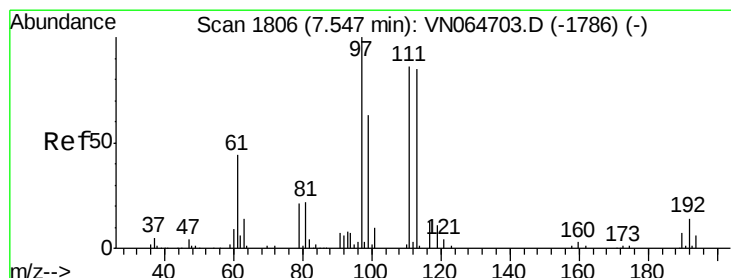
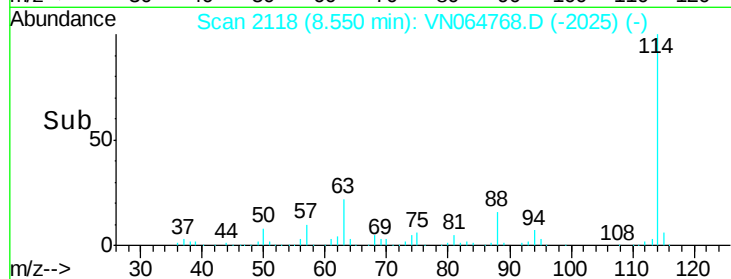
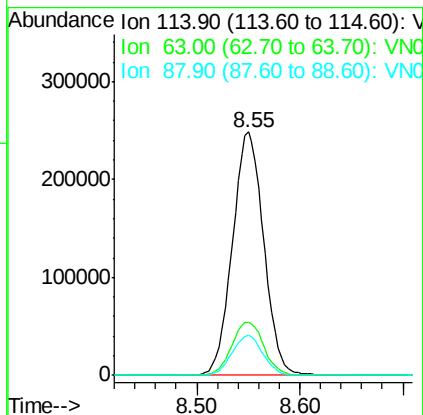
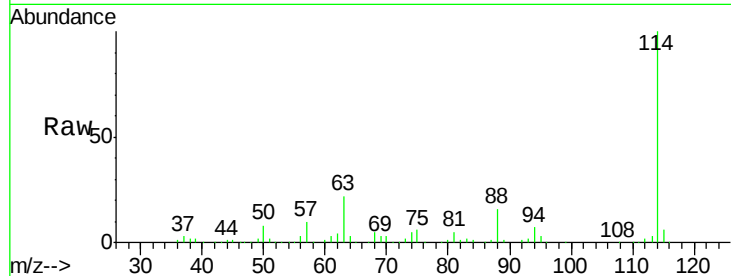
ClientSampleId :

1641

Tot Ion:	114	Resp:	523885
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	46.0
88	16.4	0.0	31.2

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#35

Dibromofluoromethane

Concen: 51.120 ug/l

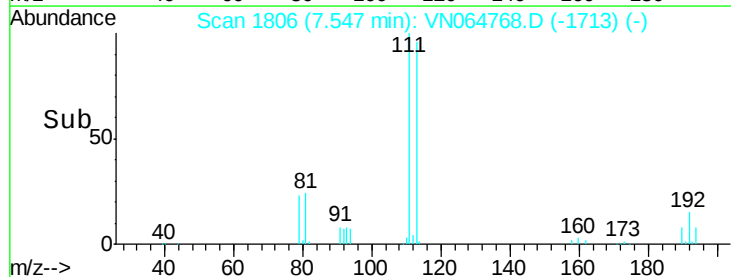
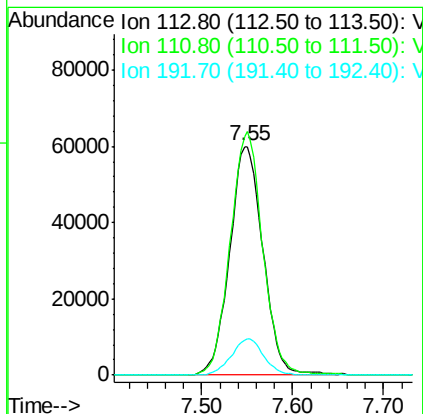
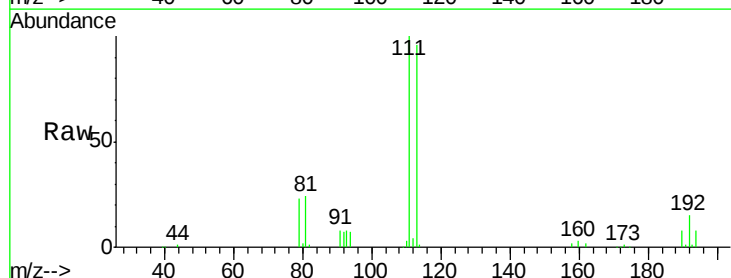
RT: 7.55 min Scan# 1806

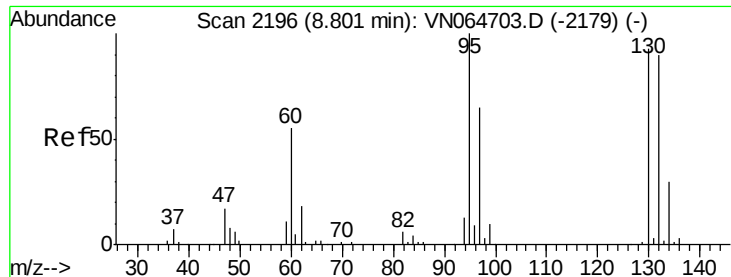
Delta R.T. -0.00 min

Lab File: VN064768.D

Acq: 20 Nov 2020 8:19

Tgt Ion:	113	Resp:	152430
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.2	123.4
192	15.6	12.7	19.1





#44

Trichloroethene

Concen: 0.630 ug/l m

RT: 8.81 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VN064768.D

Acq: 20 Nov 2020 8:19

Instrument :

MSVOA_N

ClientSampleId :

1641

Tot Ion:130 Resp: 2717

Ion Ratio Lower Upper

130 100

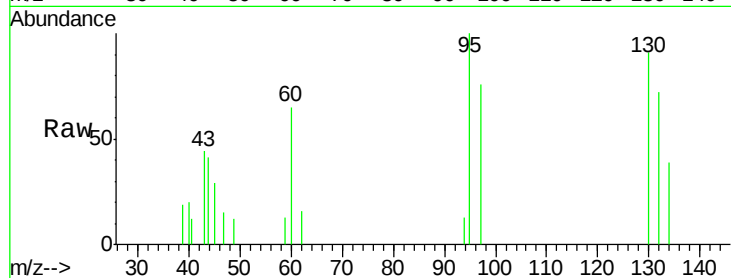
95 110.4 0.0 214.2

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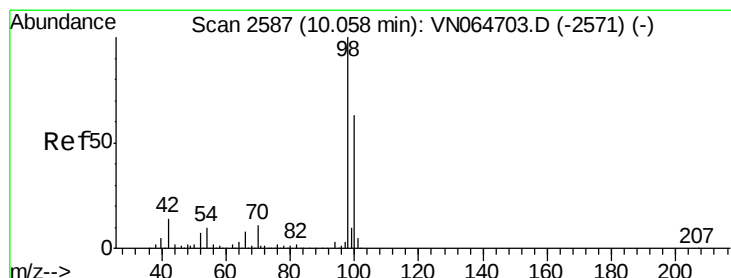
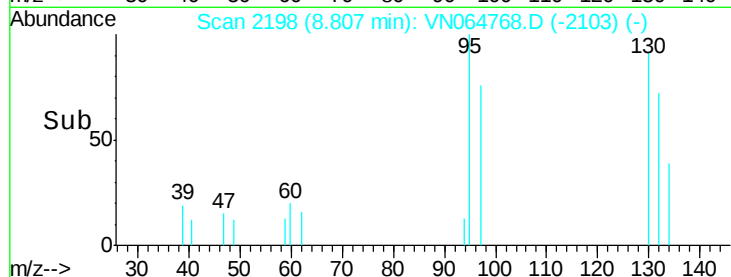
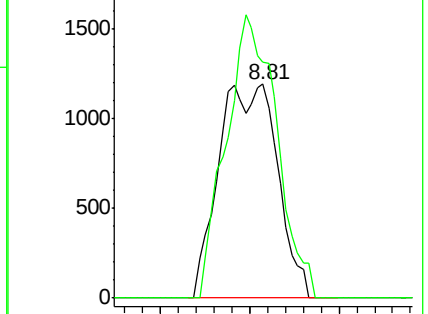
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Abundance Ion 129.80 (129.50 to 130.50): VN064703.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064703.D (-2179) (-)



#50

Toluene-d8

Concen: 42.001 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064768.D

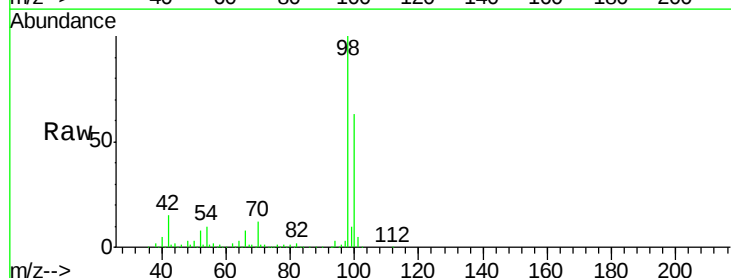
Acq: 20 Nov 2020 8:19

Tgt Ion: 98 Resp: 569194

Ion Ratio Lower Upper

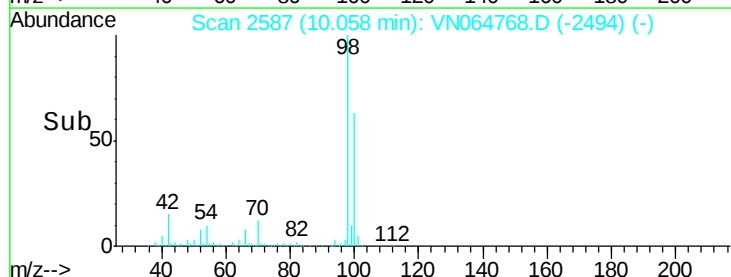
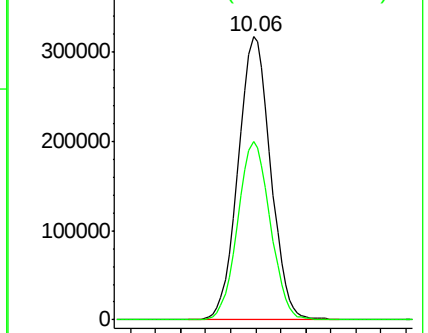
98 100

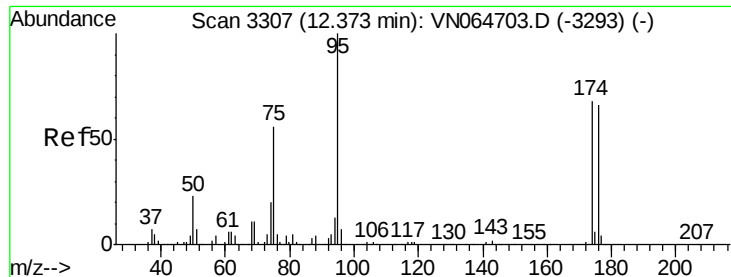
100 63.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064703.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064703.D (-2571) (-)





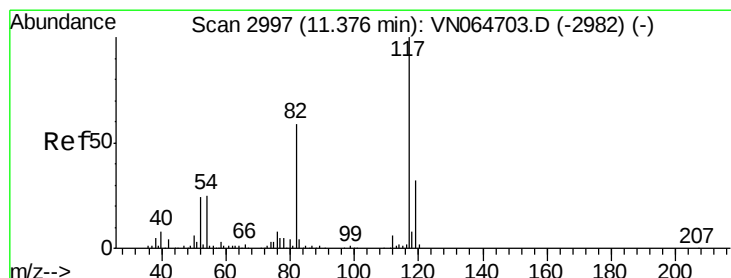
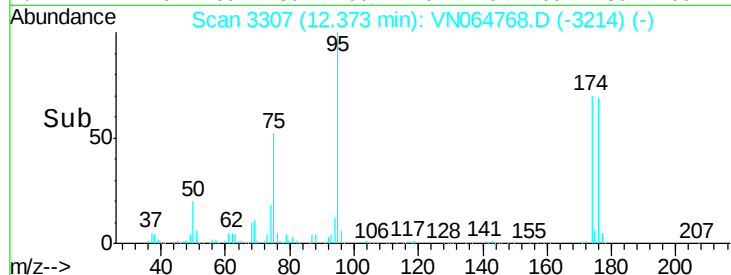
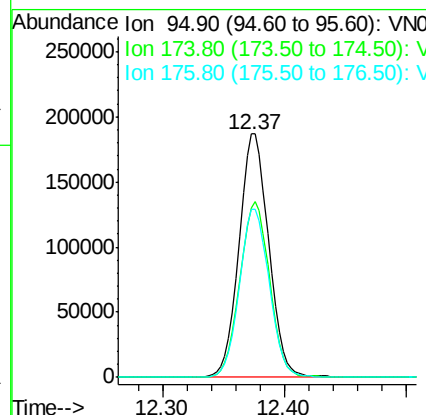
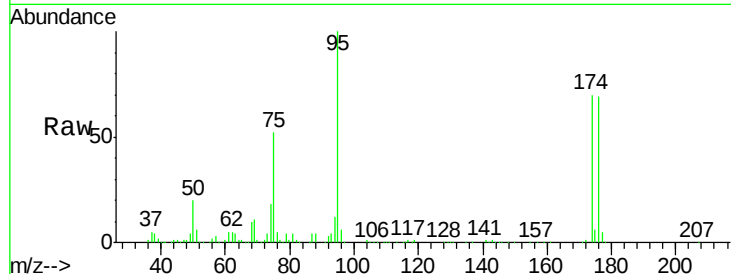
#62
4-Bromofluorobenzene
Concen: 62.198 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064768.D
Acq: 20 Nov 2020 8:19

Instrument :
MSVOA_N
ClientSampleId :
1641

Tot Ion	Ratio	Resp	Lower	Upper
95	100	315058		
174	72.1	0.0	136.8	
176	69.5	0.0	134.2	

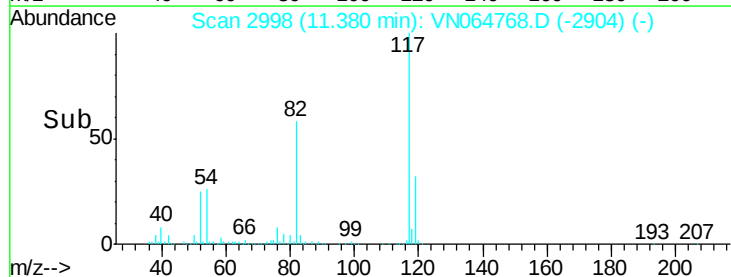
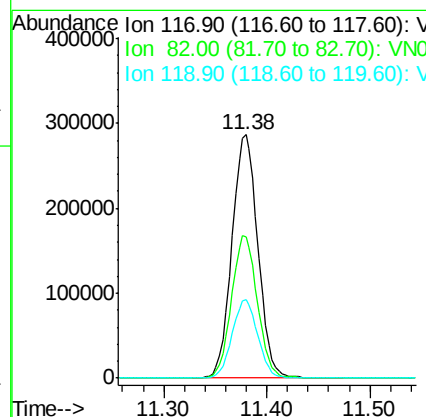
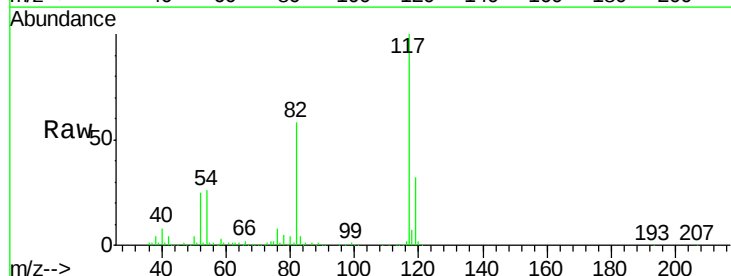
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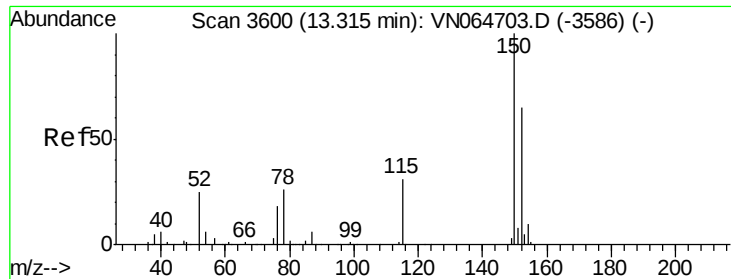
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064768.D
Acq: 20 Nov 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	502369		
82	58.1	47.0	70.6	
119	32.1	25.4	38.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064768.D

Acq: 20 Nov 2020 8:19

Instrument :

MSVOA_N

ClientSampleId :

1641

Tot Ion:152 Resp: 288322
Ion Ratio Lower Upper

152 100

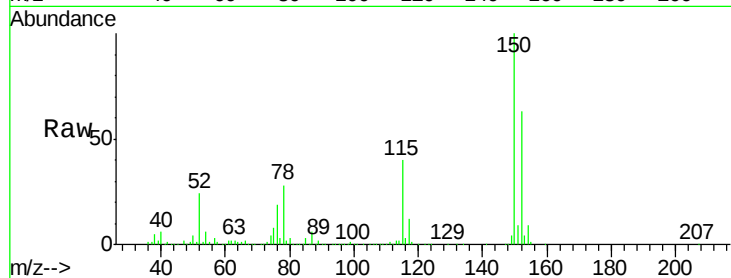
115 63.7 32.1 96.3

150 157.0 0.0 344.8

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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

