

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064187.D
 Acq On : 17 Oct 2020 00:15
 Operator : JC/MD
 Sample : L4413-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30688

Manual Integrations
 APPROVED

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 10/19/2020 4:23:11 PM

Quant Time: Oct 17 03:18:41 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	7.42	168	2517	50.00	ug/l	-0.21
34) 1,4-Difluorobenzene	8.31	114	461	50.00	ug/l	-0.24
63) Chlorobenzene-d5	11.06	117	118	50.00	ug/l	-0.32
72) 1,4-Dichlorobenzene-d4	13.34	152	251772	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.54	65	3184	88.82	ug/l	-0.45
Spiked Amount 50.000			Recovery	=	177.64%	
35) Dibromofluoromethane	7.34	113	1835	575.09	ug/l	-0.21
Spiked Amount 50.000			Recovery	=	1150.18%	
50) Toluene-d8	10.25	98	814601m	67661.15	ug/l	0.19
Spiked Amount 50.000			Recovery	=	135322.30%	
62) 4-Bromofluorobenzene	12.05	95	134	32.38	ug/l	-0.33
Spiked Amount 50.000			Recovery	=	64.76%	

Target Compounds Qvalue

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

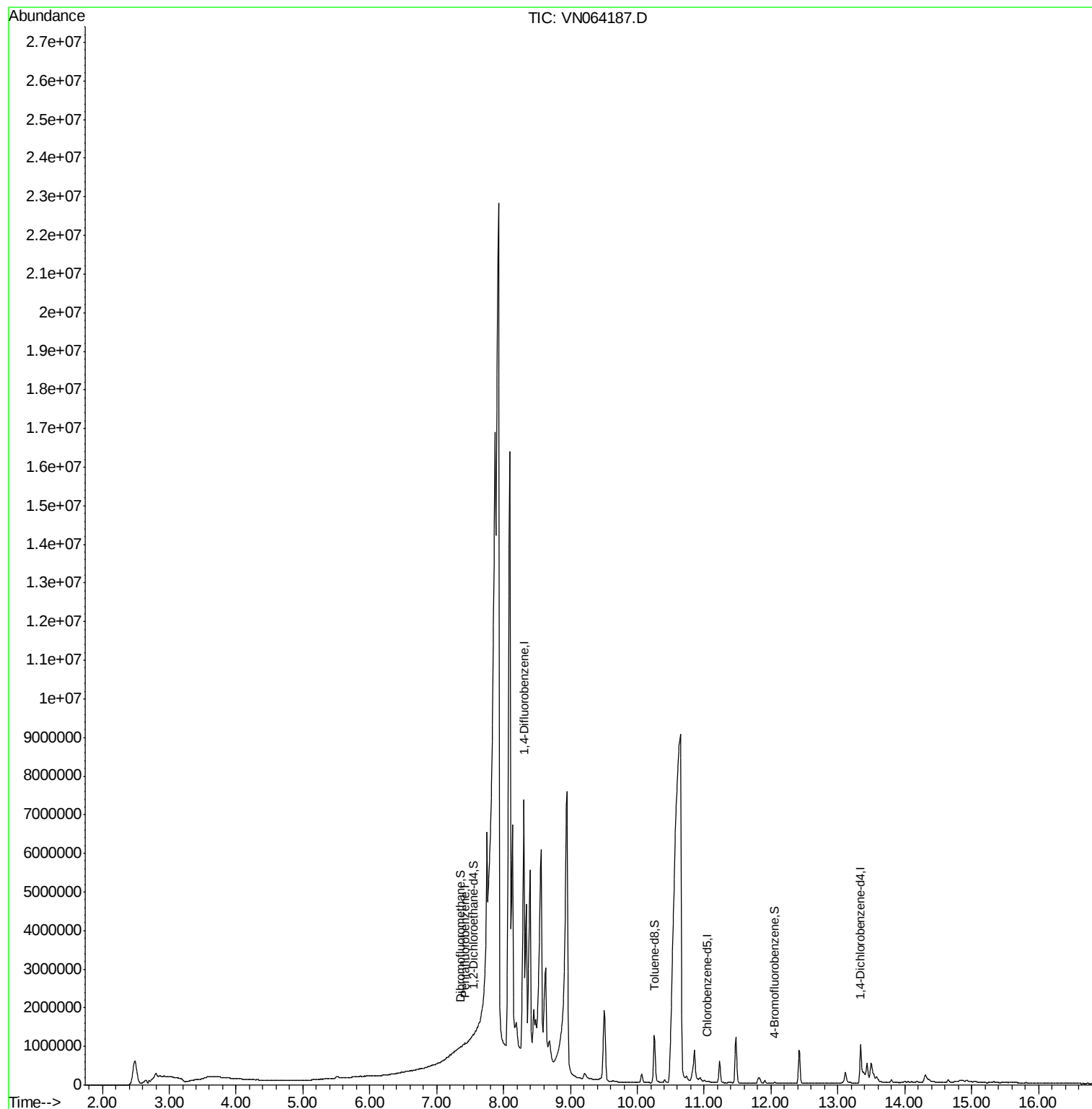
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
Data File : VN064187.D
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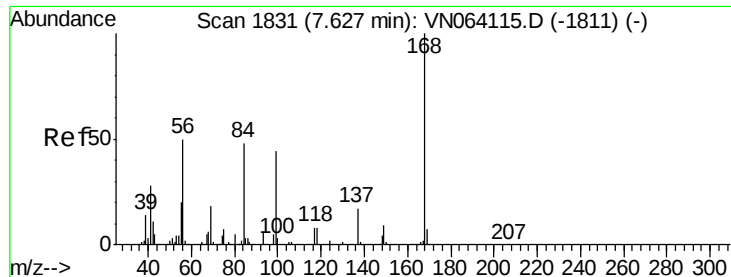
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Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.42 min Scan# 1766

Delta R.T. -0.21 min

Lab File: VN064187.D

Acq: 17 Oct 2020 00:15

Instrument :

MSVOA_N

ClientSampled :

30688

Tot Ion:168 Resp: 2517

Ion Ratio Lower Upper

168 100

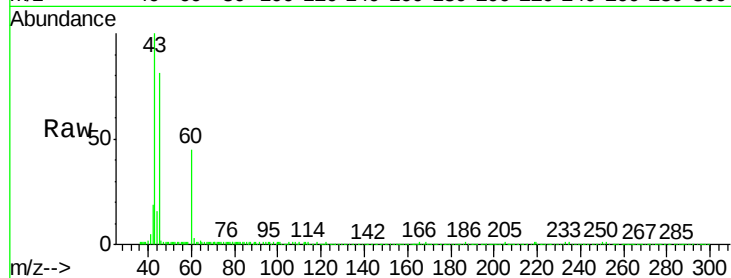
99 45.4 43.6 65.4

Manual Integrations

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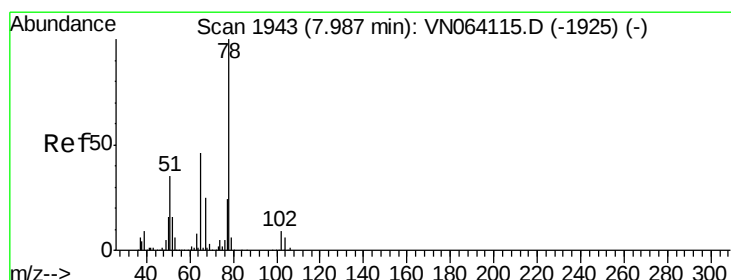
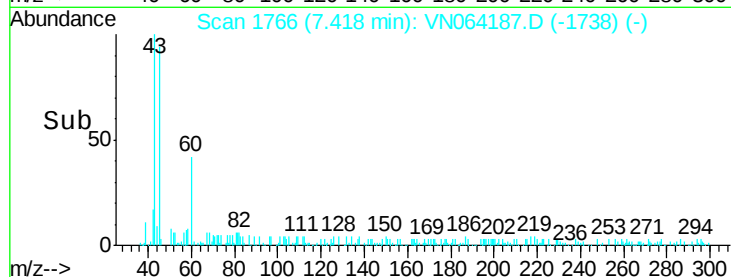
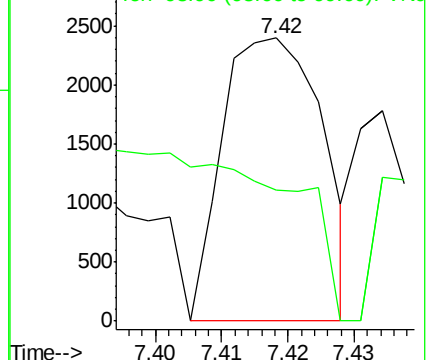
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 88.821 ug/l

RT: 7.54 min Scan# 1804

Delta R.T. -0.45 min

Lab File: VN064187.D

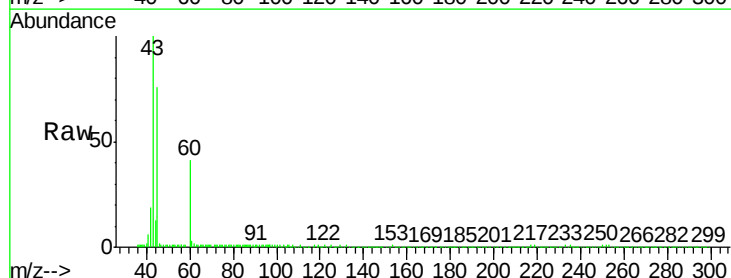
Acq: 17 Oct 2020 00:15

Tgt Ion: 65 Resp: 3184

Ion Ratio Lower Upper

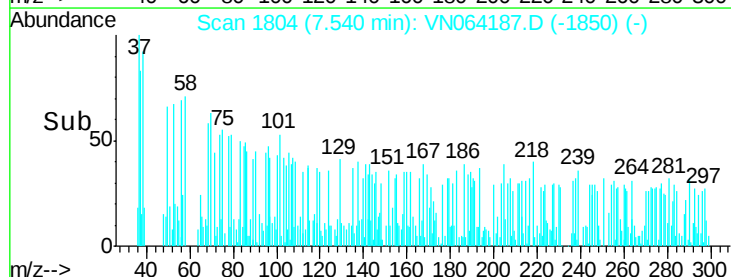
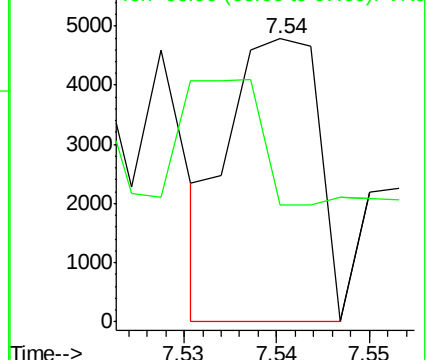
65 100

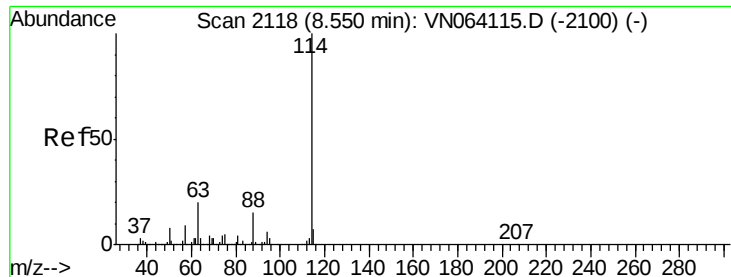
67 39.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.31 min Scan# 2042

Delta R.T. -0.24 min

Lab File: VN064187.D

Acq: 17 Oct 2020 00:15

Instrument :

MSVOA_N

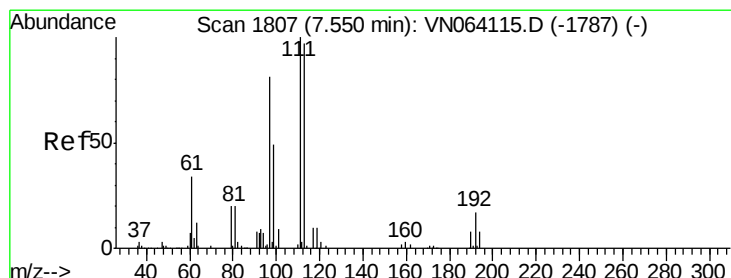
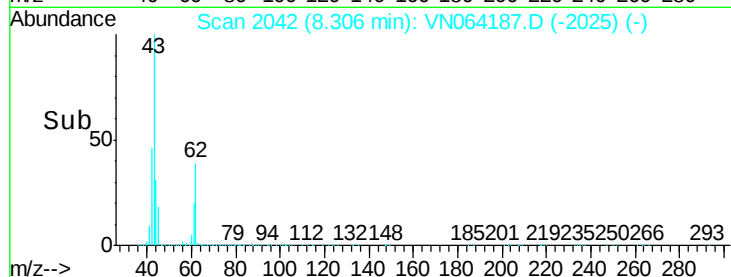
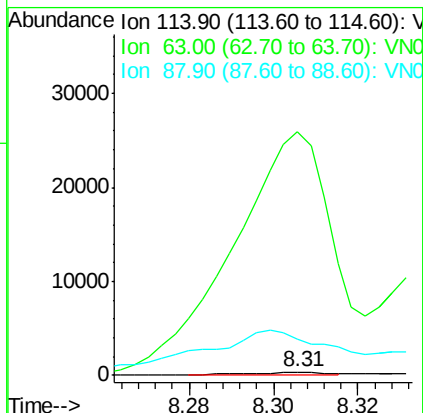
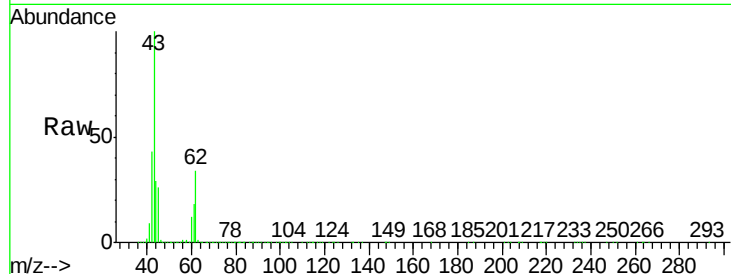
ClientSampleId :

30688

Tot Ion:	114	Resp:	461
Ion Ratio	Lower	Upper	
114	100		
63	6063.3	0.0	41.0
88	350.5	0.0	29.2

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#35

Dibromofluoromethane

Concen: 575.089 ug/l

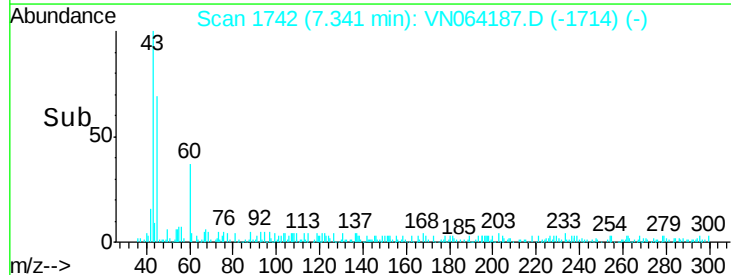
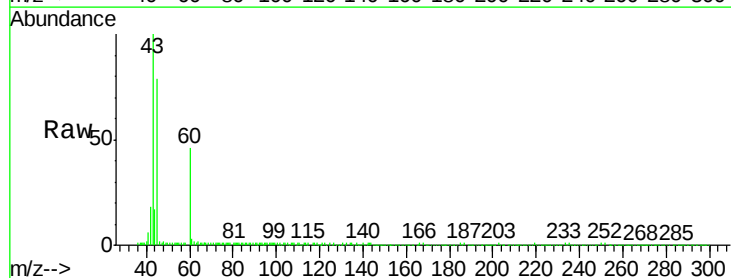
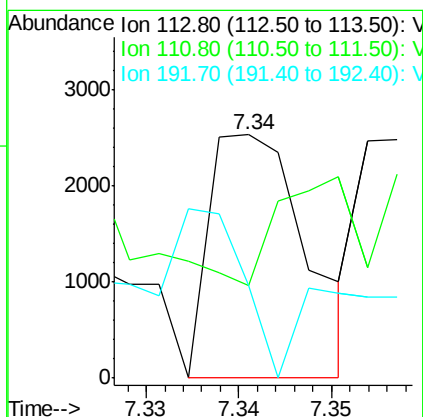
RT: 7.34 min Scan# 1742

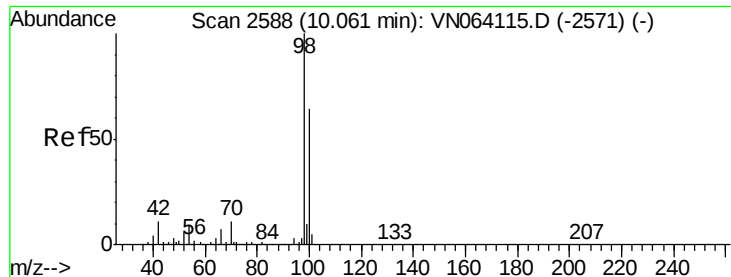
Delta R.T. -0.21 min

Lab File: VN064187.D

Acq: 17 Oct 2020 00:15

Tgt Ion:	113	Resp:	1835
Ion Ratio	Lower	Upper	
113	100		
111	0.0	81.9	122.9
192	36.8	14.3	21.5





#50

Toluene-d8

Concen: 67661.153 ug/l m

RT: 10.25 min Scan# 2648

Delta R.T. 0.19 min

Lab File: VN064187.D

Acq: 17 Oct 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

30688

Tot Ion: 98 Resp: 814601

Ion Ratio Lower Upper

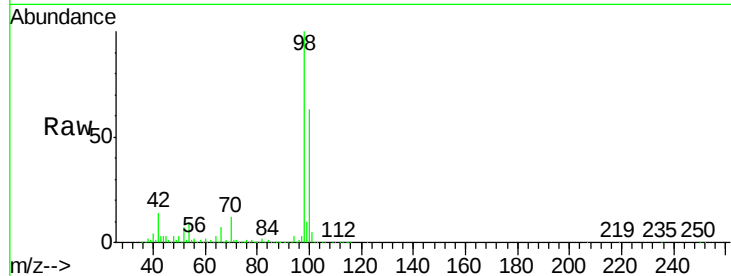
98 100

100 0.0 50.8 76.2#

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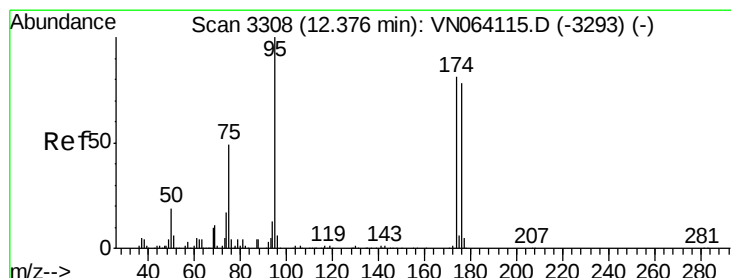
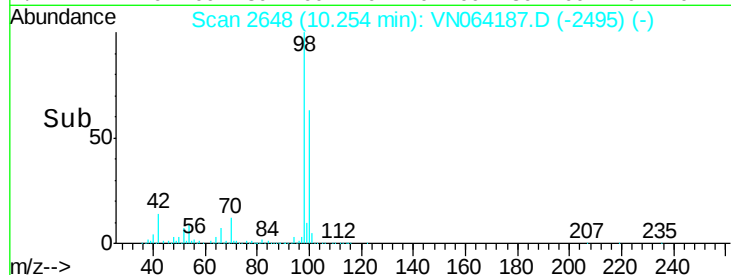
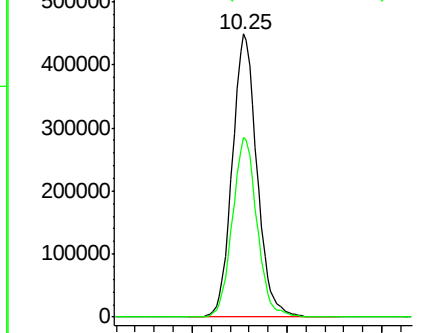
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 32.381 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.33 min

Lab File: VN064187.D

Acq: 17 Oct 2020 00:15

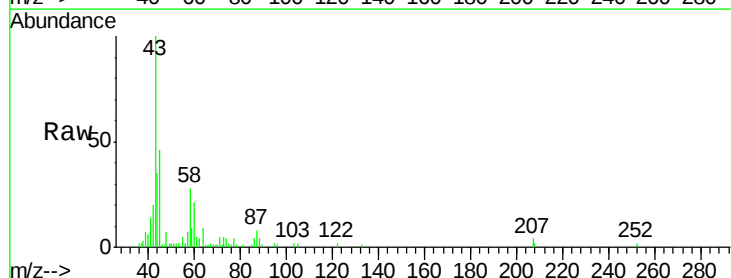
Tgt Ion: 95 Resp: 134

Ion Ratio Lower Upper

95 100

174 0.0 0.0 164.8

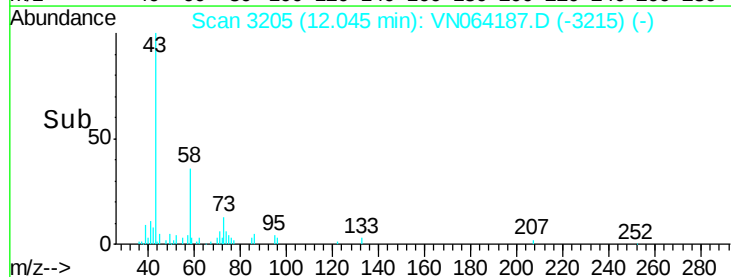
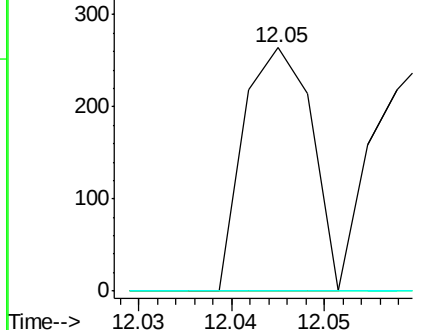
176 0.0 0.0 157.8

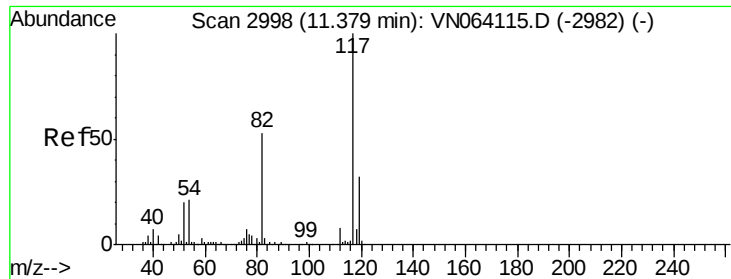


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: 11.06 min Scan# 2898

Delta R.T. -0.32 min

Lab File: VN064187.D

Acq: 17 Oct 2020 00:15

Instrument :

MSVOA_N

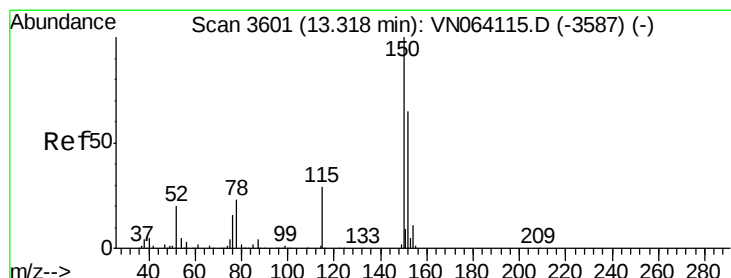
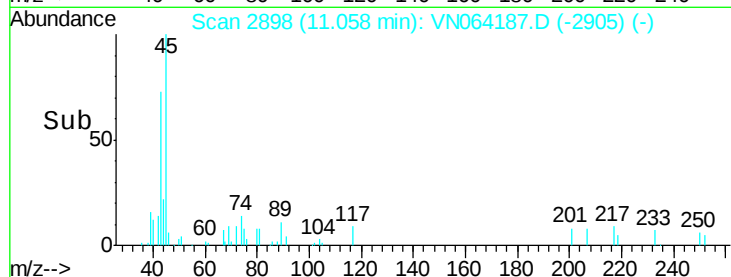
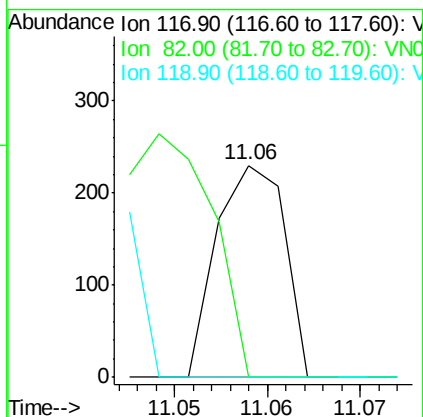
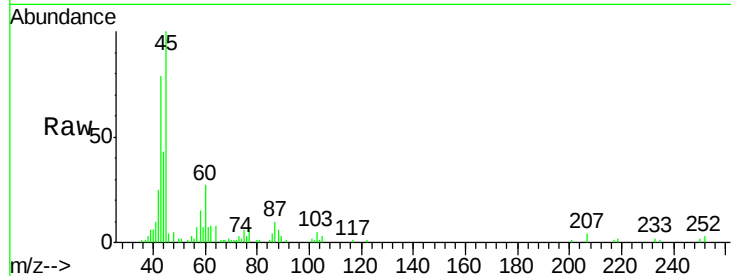
ClientSampleId :

30688

Tot Ion:	117	Resp:	118
Ion Ratio	Lower	Upper	
117	100		
82	0.0	42.6	63.8#
119	0.0	25.5	38.3#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3608

Delta R.T. 0.02 min

Lab File: VN064187.D

Acq: 17 Oct 2020 00:15

Tgt Ion:	152	Resp:	251772
Ion Ratio	Lower	Upper	
152	100		
115	61.3	29.3	87.8
150	157.1	0.0	346.0

