

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049492.D
 Acq On : 22 Jun 2018 15:32
 Operator : MD\SY
 Sample : J3627-35
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GROUND-WATER

Manual Integrations
 APPROVED

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 6/25/2018 4:23:24 PM

Quant Time: Jun 25 15:48:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1367290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2158231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1833376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	546425	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	950396	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
35) Dibromofluoromethane	7.59	113	833525	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	10.09	98	3014984	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
62) 4-Bromofluorobenzene	12.41	95	783656	35.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.30%	

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

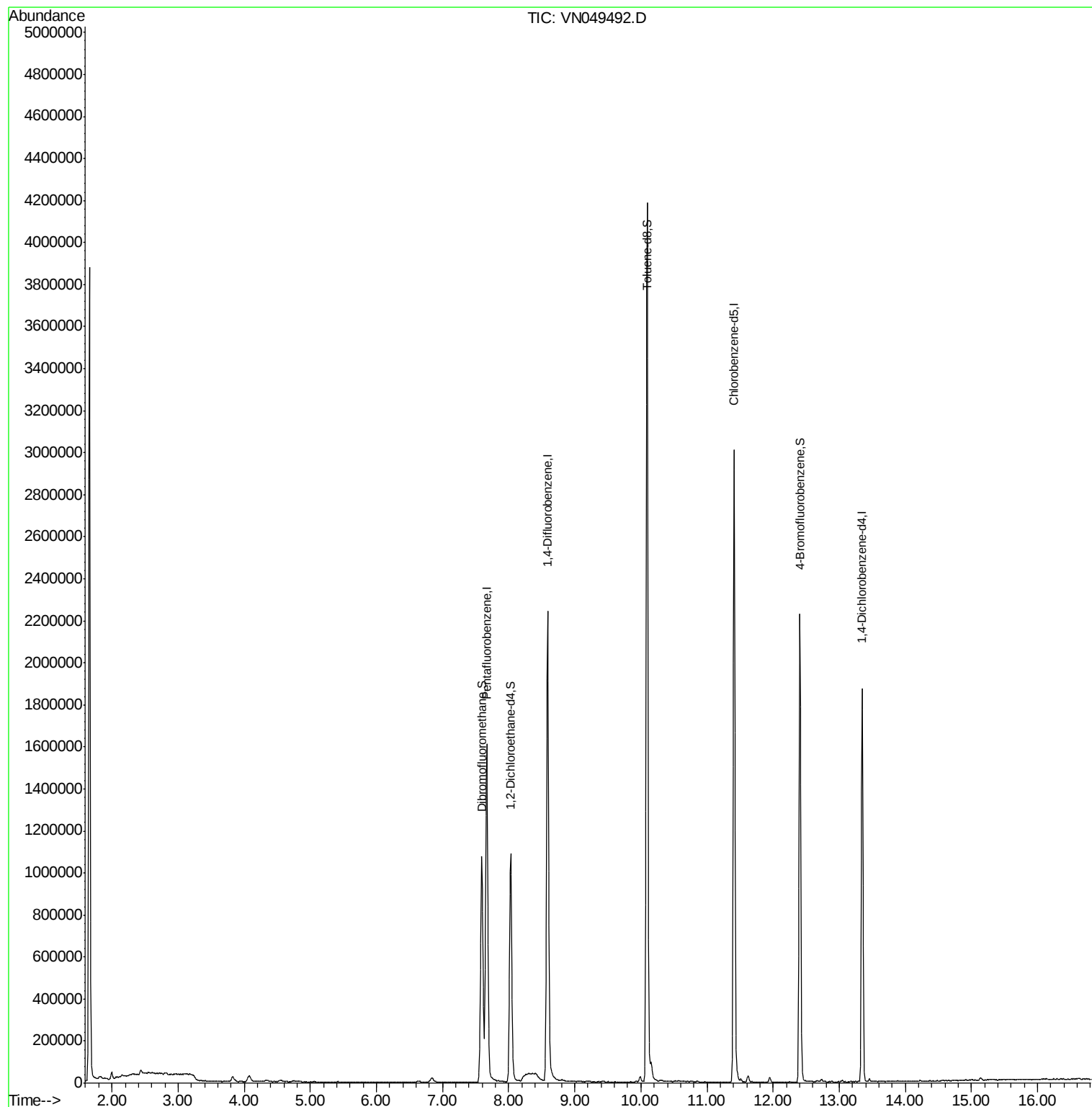
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062218\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

Instrument :

MSVOA_N

ClientSampleId :

GROUND-WATER

Tot Ion:168 Resp: 1367290

Ion Ratio Lower Upper

168 100

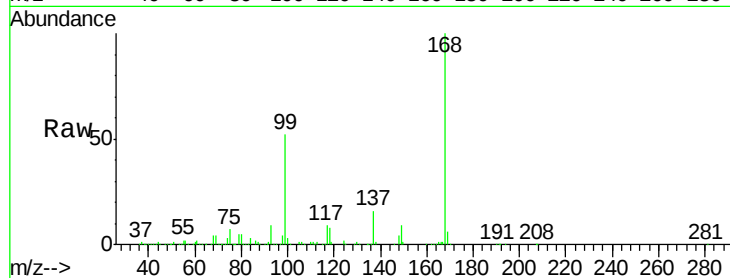
99 52.2 45.8 68.6

Manual Integrations

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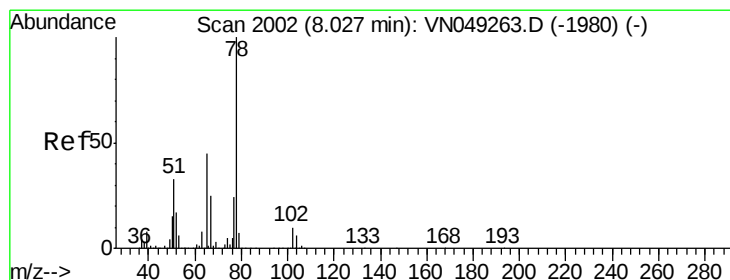
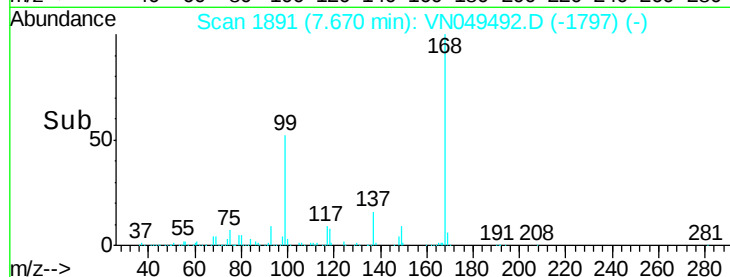
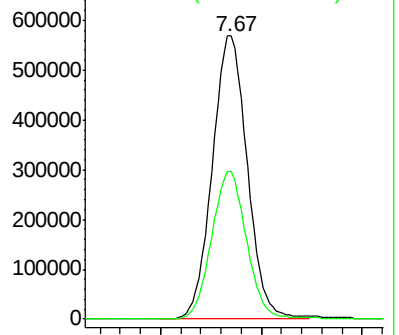
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.41 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049492.D

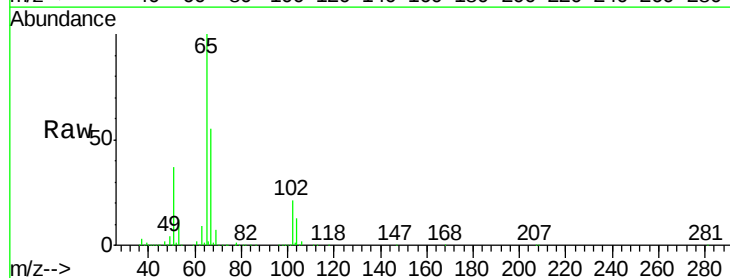
Acq: 22 Jun 2018 15:32

Tgt Ion: 65 Resp: 950396

Ion Ratio Lower Upper

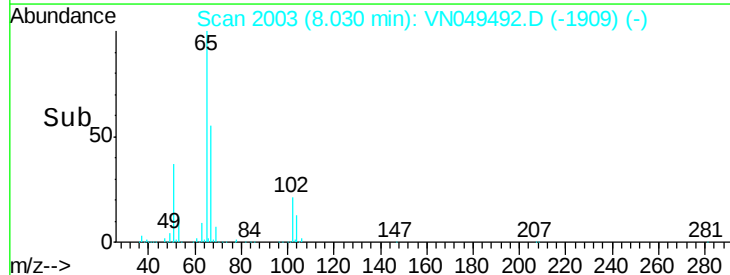
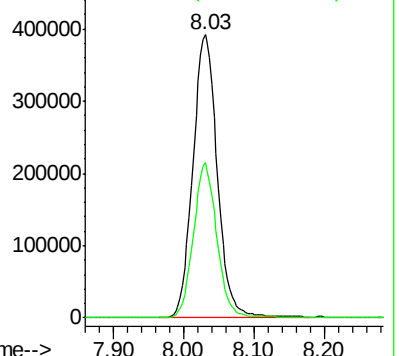
65 100

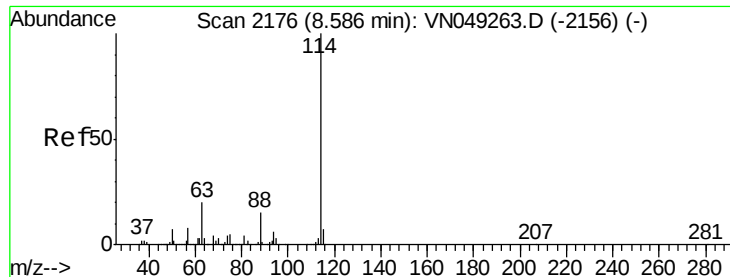
67 52.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





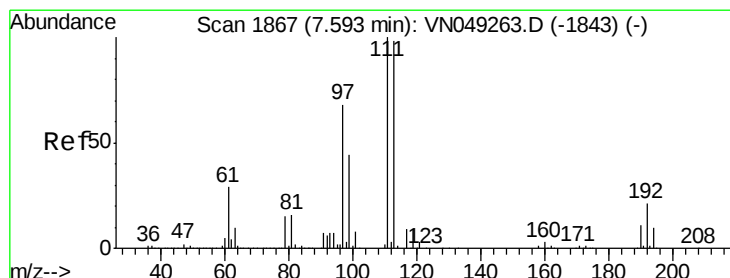
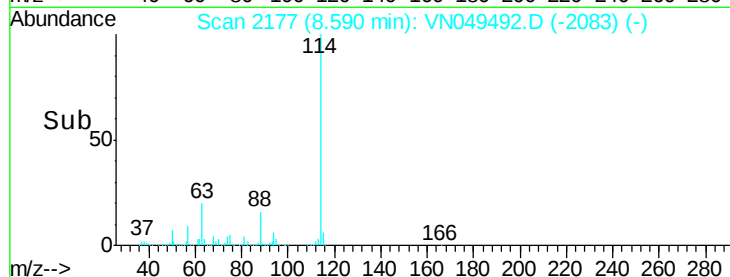
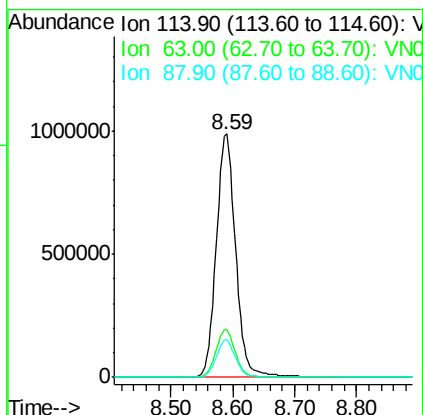
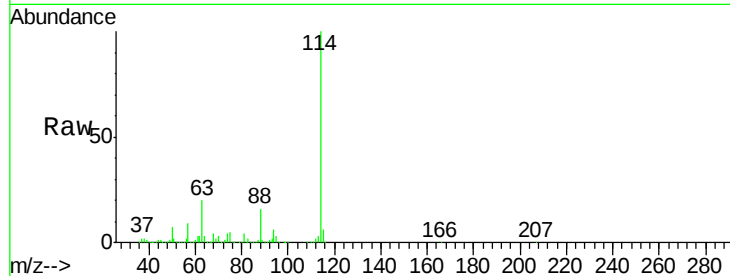
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN049492.D
Acq: 22 Jun 2018 15:32

Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	44.4
88	15.5	0.0	31.4

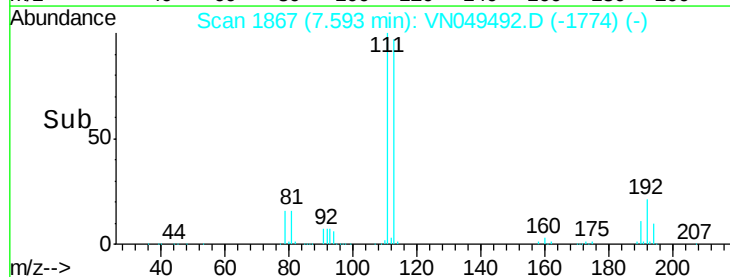
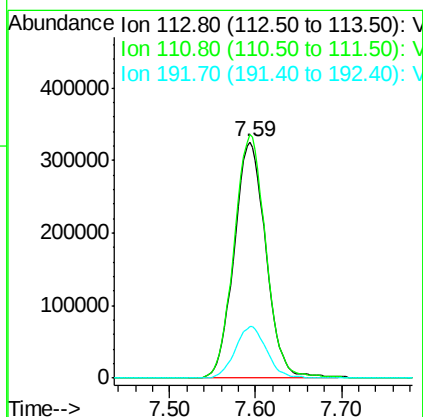
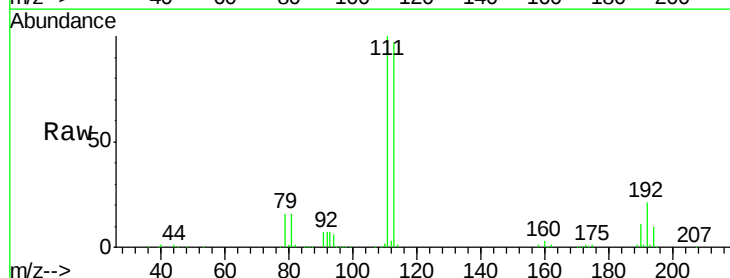
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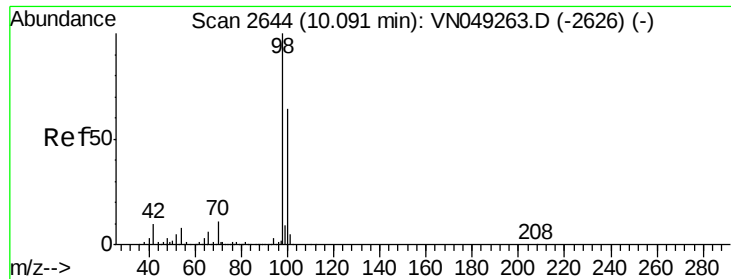
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#35
Dibromofluoromethane
Concen: 47.74 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049492.D
Acq: 22 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	21.8	15.0	22.6





#50

Toluene-d8

Concen: 45.35 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

Instrument :

MSVOA_N

ClientSampleId :

GROUND-WATER

Tot Ion: 98 Resp: 3014984

Ion Ratio Lower Upper

98 100

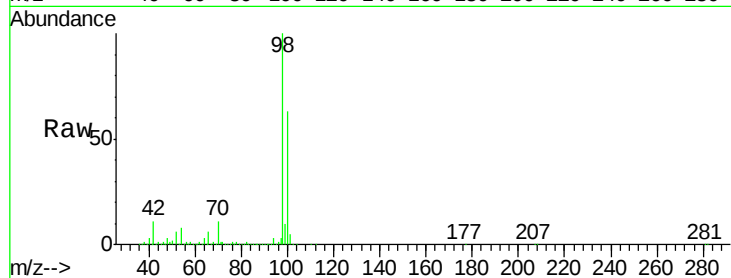
100 63.2 49.8 74.8

Manual Integrations

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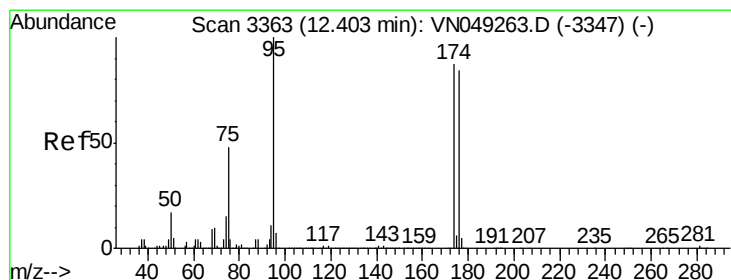
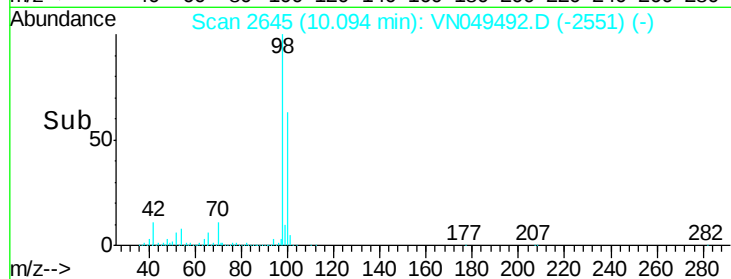
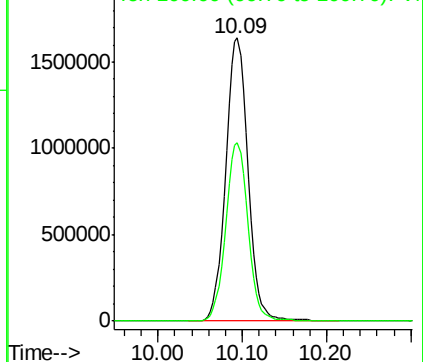
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 35.65 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049492.D

Acq: 22 Jun 2018 15:32

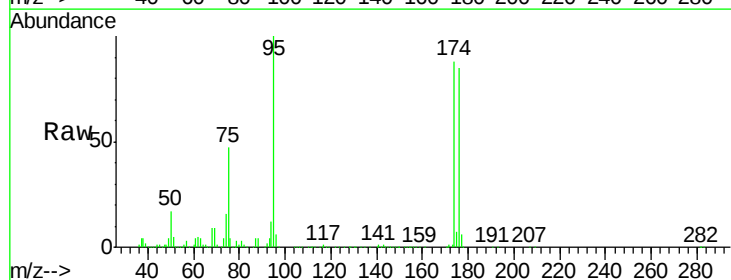
Tgt Ion: 95 Resp: 783656

Ion Ratio Lower Upper

95 100

174 89.5 0.0 165.6

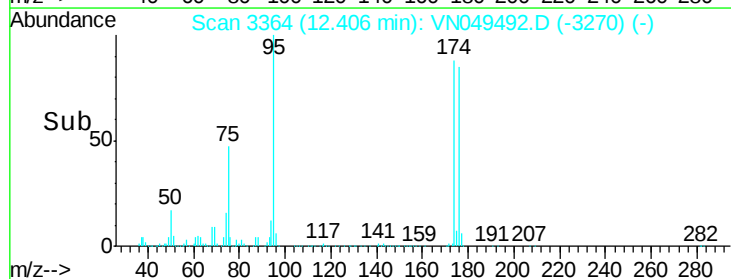
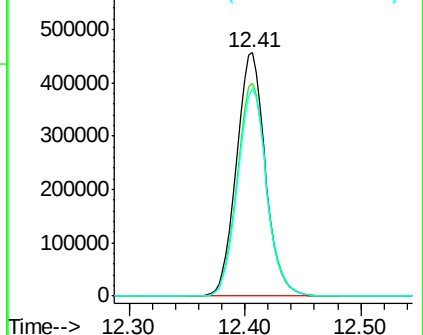
176 86.1 0.0 157.4

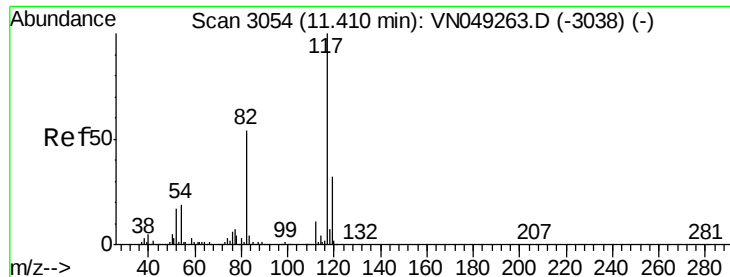


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





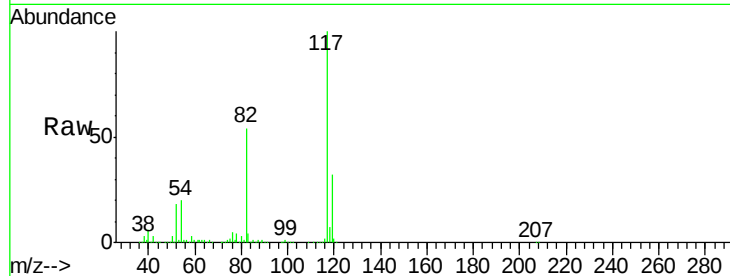
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049492.D
Acq: 22 Jun 2018 15:32

Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

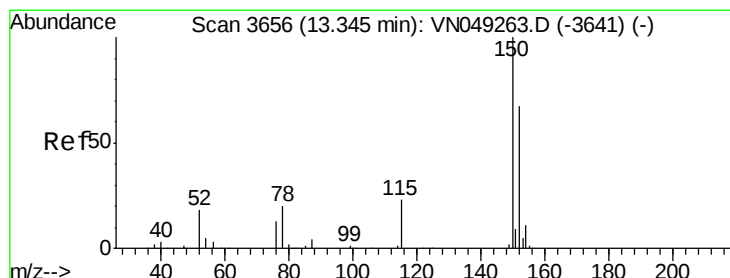
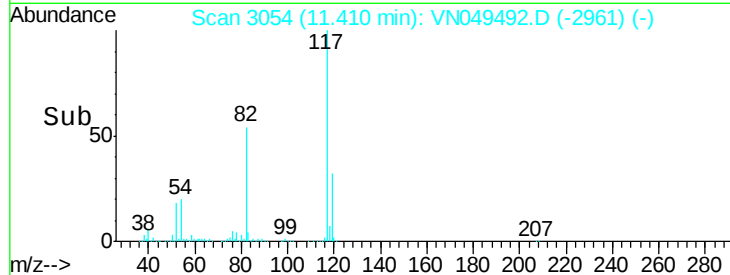
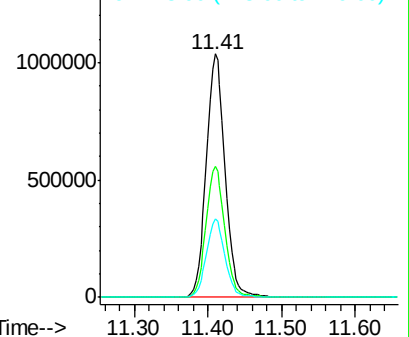
Tot Ion:117 Resp: 1833376
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.1 25.5 38.3

Manual Integrations
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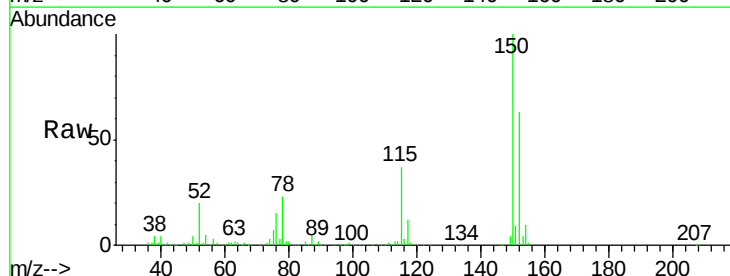


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049492.D
Acq: 22 Jun 2018 15:32

Tgt Ion:152 Resp: 546425
Ion Ratio Lower Upper
152 100
115 57.0 28.7 86.1
150 157.5 0.0 351.0



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

