

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
 Data File : VN052371.D
 Acq On : 16 Nov 2018 18:07
 Operator : MD\SY
 Sample : J5976-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 12:46:17 PM

Quant Time: Nov 17 00:06:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	302707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	511090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	423381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215751	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	7.59	113	164283	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.09	98	629166	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.40	95	185452	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
Target Compounds						
20) Methylene Chloride	4.56	84	3741m	0.349	ug/l	Qvalue

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

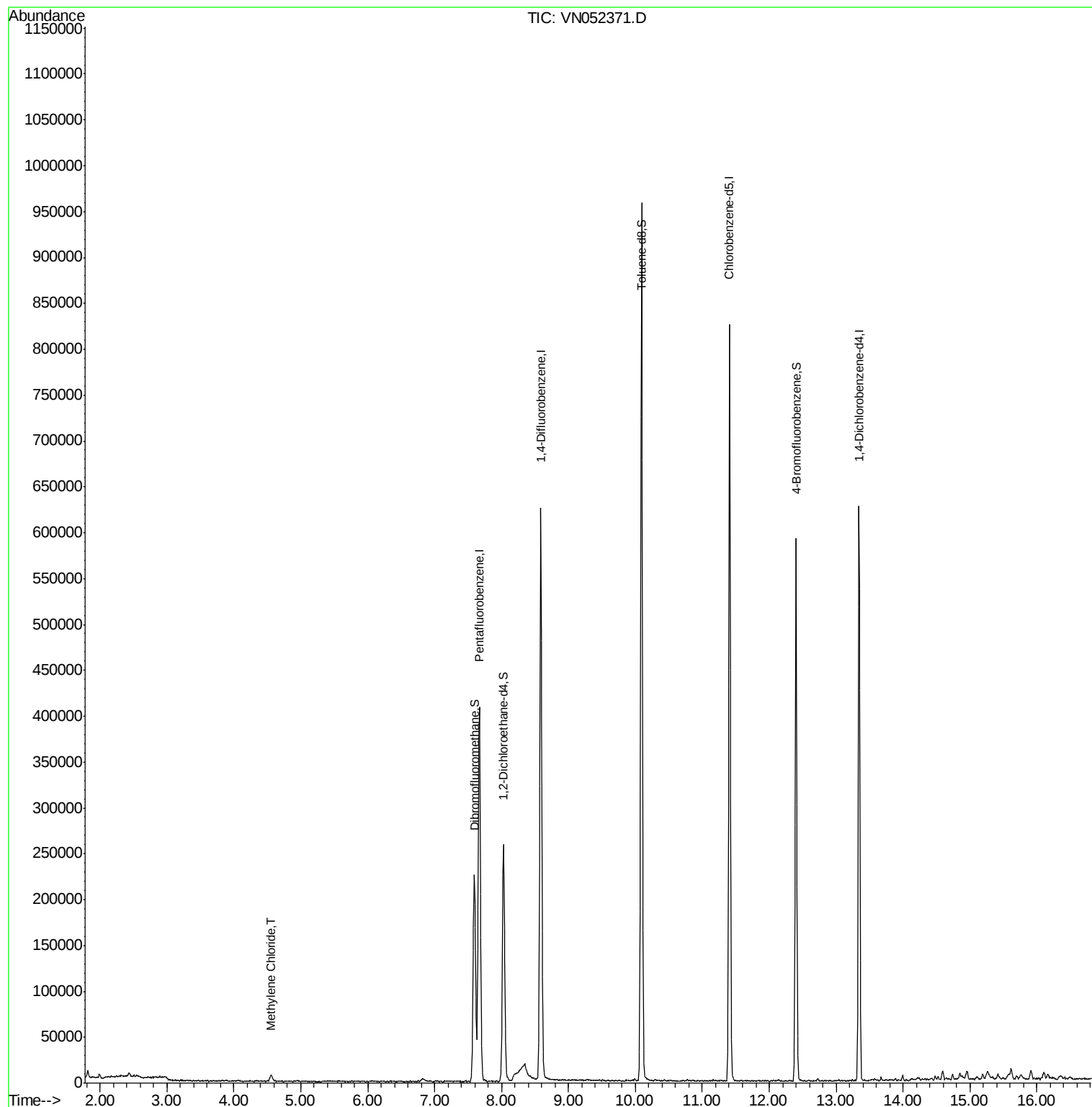
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
Data File : VN052371.D
Acq On : 16 Nov 2018 18:07
Operator : MD\SY
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 28

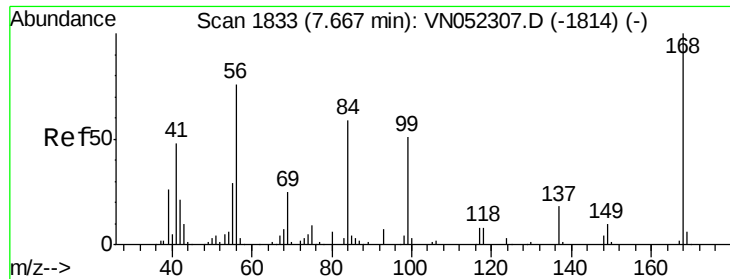
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

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Quant Time: Nov 17 00:06:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052371.D

Acq: 16 Nov 2018 18:07

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

Tot Ion:168 Resp: 302707

Ion Ratio Lower Upper

168 100

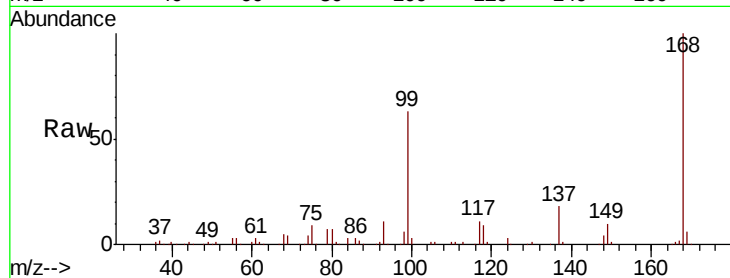
99 62.6 47.9 71.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

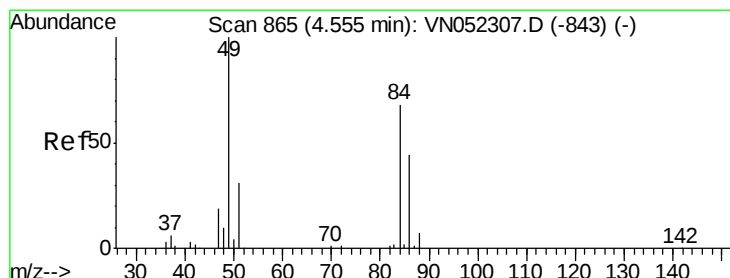
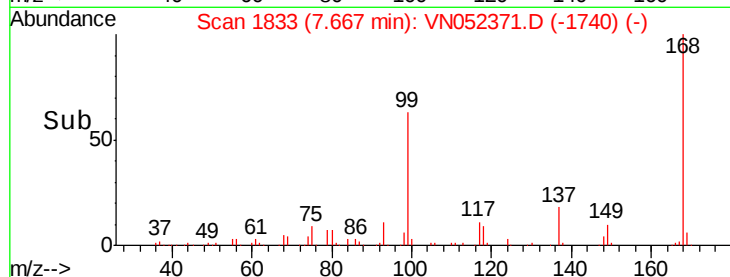
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 0.349 ug/l m

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052371.D

Acq: 16 Nov 2018 18:07

Tgt Ion: 84 Resp: 3741

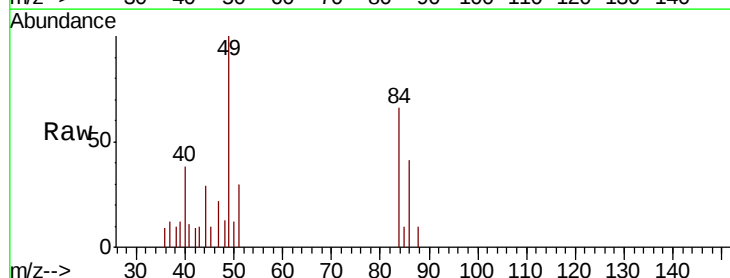
Ion Ratio Lower Upper

84 100

49 150.4 118.2 177.2

51 45.8 36.1 54.1

86 61.3 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

2500

2000

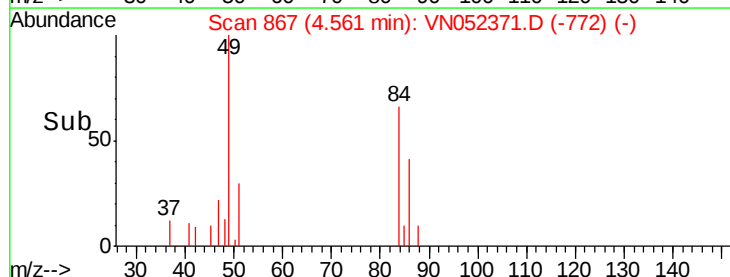
1500

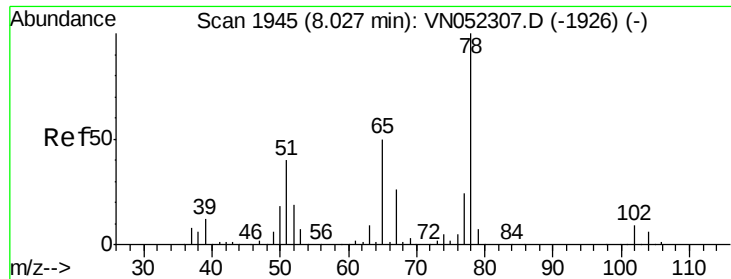
1000

500

0

Time--> 4.50 4.55 4.60





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052371.D

Acq: 16 Nov 2018 18:07

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

Tot Ion: 65 Resp: 215751

Ion Ratio Lower Upper

65 100

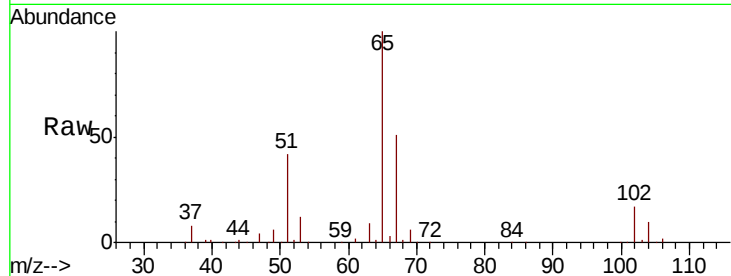
67 51.6 0.0 105.2

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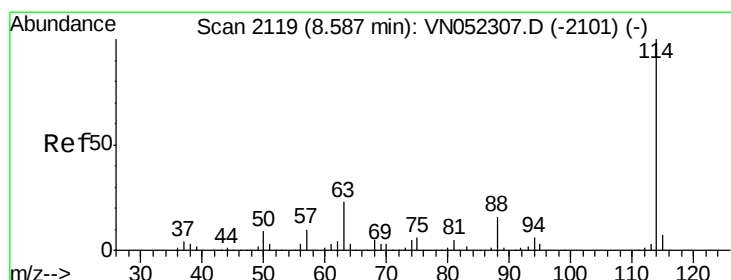
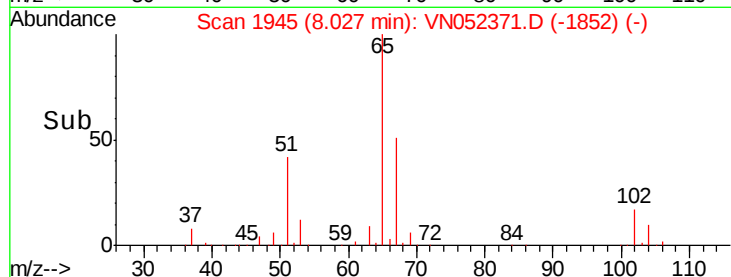
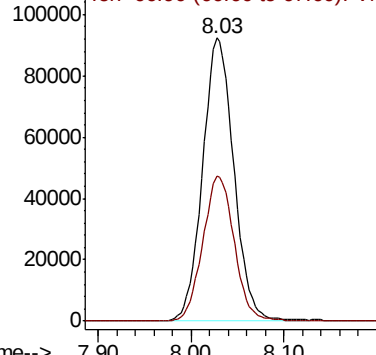
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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052371.D

Acq: 16 Nov 2018 18:07

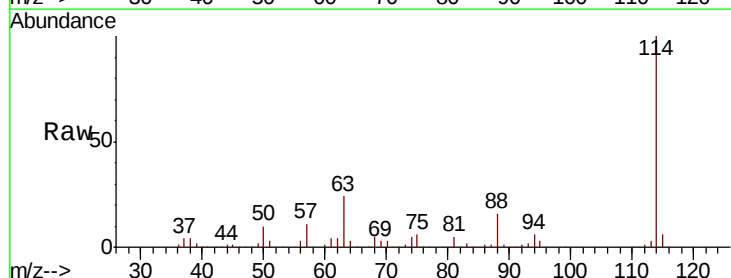
Tgt Ion: 114 Resp: 511090

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.4

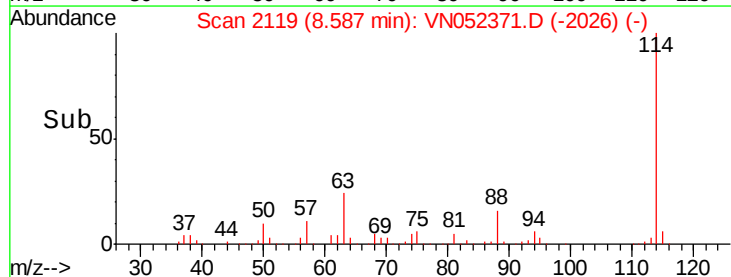
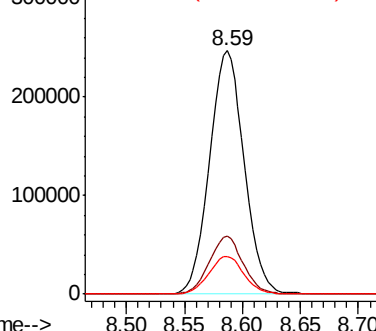
88 15.6 0.0 31.2

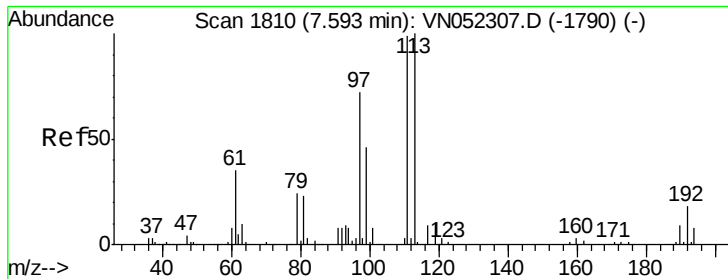


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





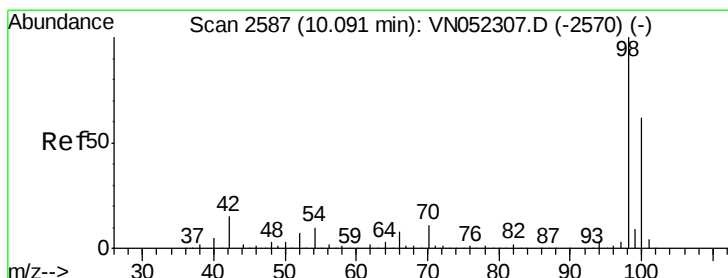
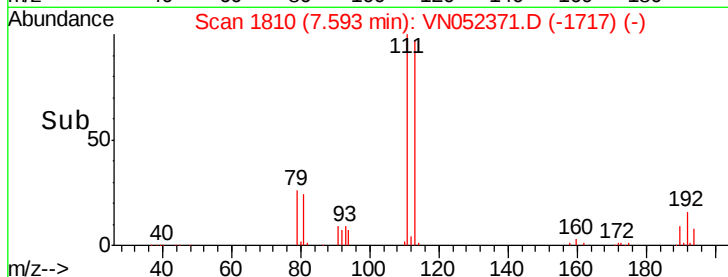
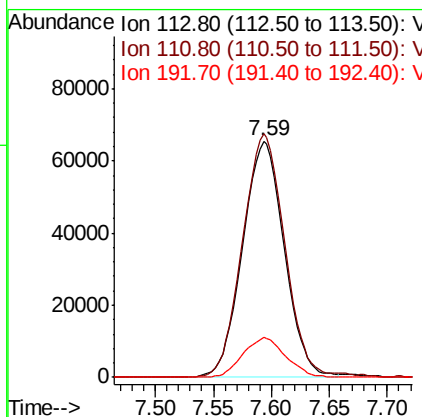
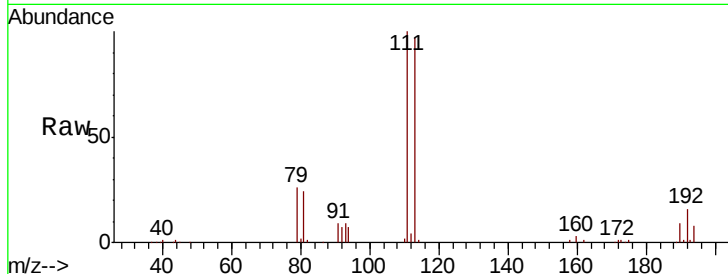
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052371.D
Acq: 16 Nov 2018 18:07

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.0	121.6
192	17.3	13.8	20.6

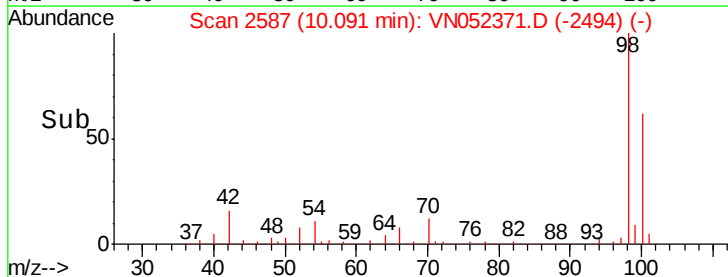
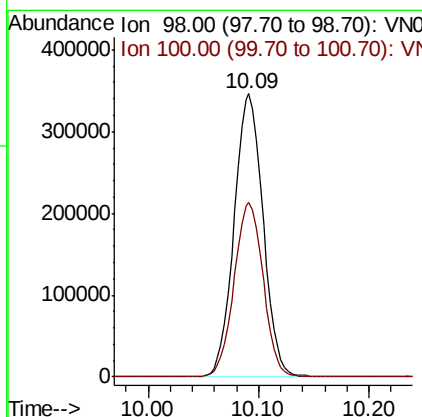
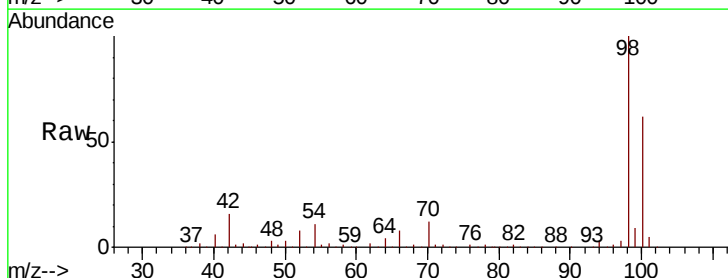
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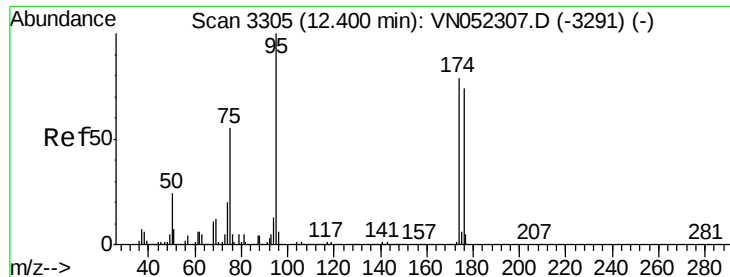
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052371.D
Acq: 16 Nov 2018 18:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.0	49.5	74.3





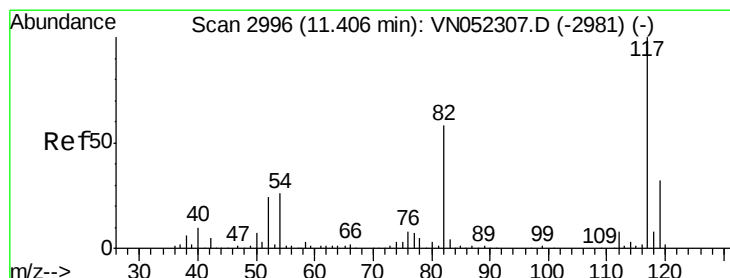
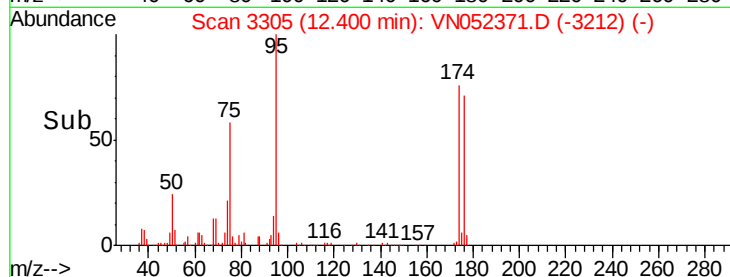
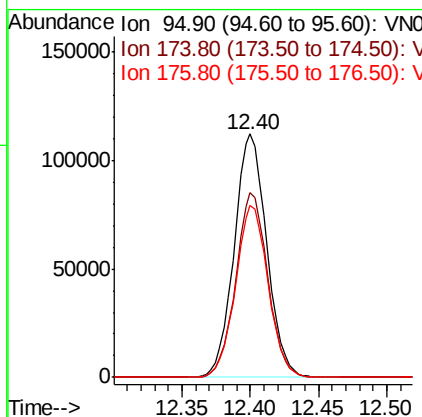
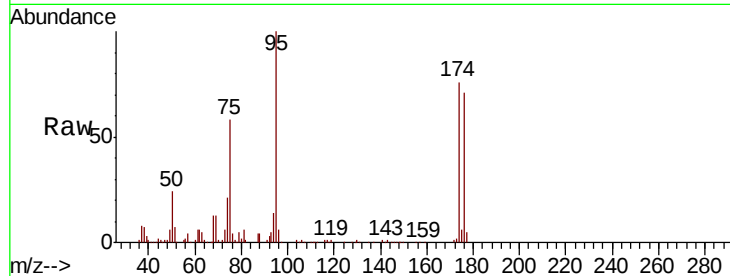
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052371.D
Acq: 16 Nov 2018 18:07

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Resp	Lower	Upper
95	100	185452		
174	74.5	0.0	156.0	
176	70.8	0.0	148.4	

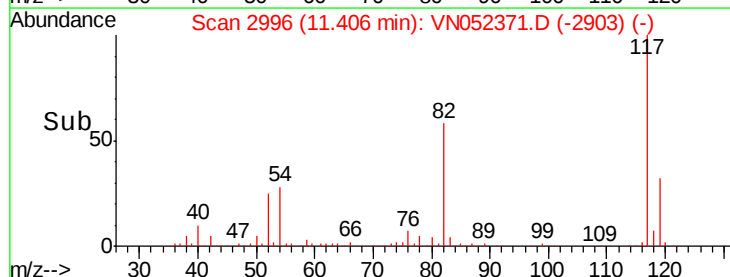
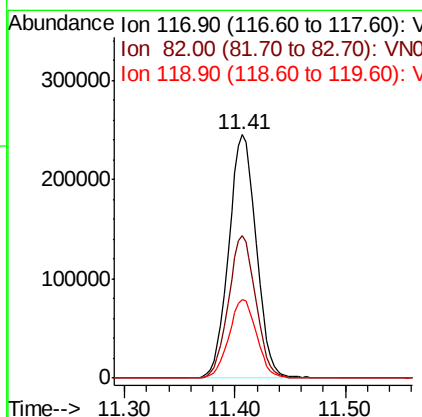
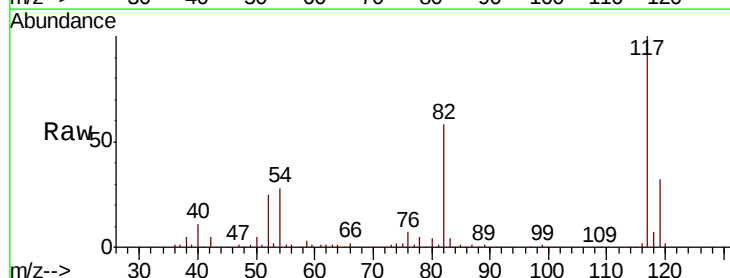
Manual Integrations
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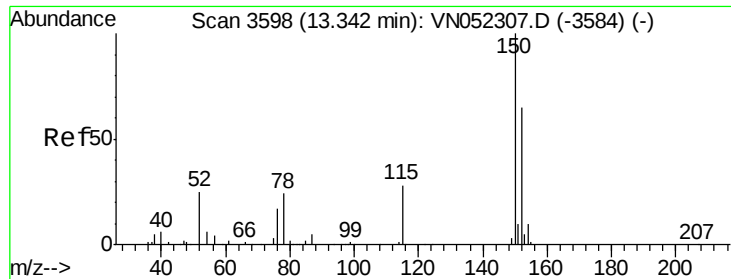
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052371.D
Acq: 16 Nov 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	423381		
82	58.5	46.5	69.7	
119	32.4	25.7	38.5	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052371.D

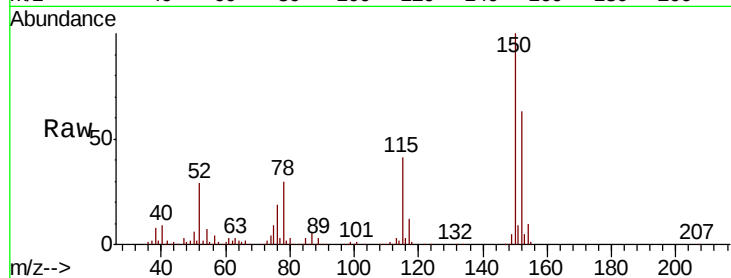
Acq: 16 Nov 2018 18:07

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER



Tot Ion:	152	Resp:	144541
Ion Ratio	Lower	Upper	
152	100		
115	61.6	30.3	91.0
150	160.2	0.0	348.2

Manual Integrations
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