

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054054.D
 Acq On : 2 Mar 2019 2:23
 Operator : JC/SP
 Sample : K1675-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-2-B

Manual Integrations
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 3/4/2019 1:54:20 PM

Quant Time: Mar 02 06:04:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1133913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1119609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	402556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405374	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
35) Dibromofluoromethane	7.59	113	363839	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
50) Toluene-d8	10.09	98	1448205	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.40	95	480626	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
Target Compounds						
20) Methylene Chloride	4.51	84	47663972m	6730.609	ug/l	Qvalue
95) Naphthalene	15.13	128	43811	5.784	ug/l	99

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

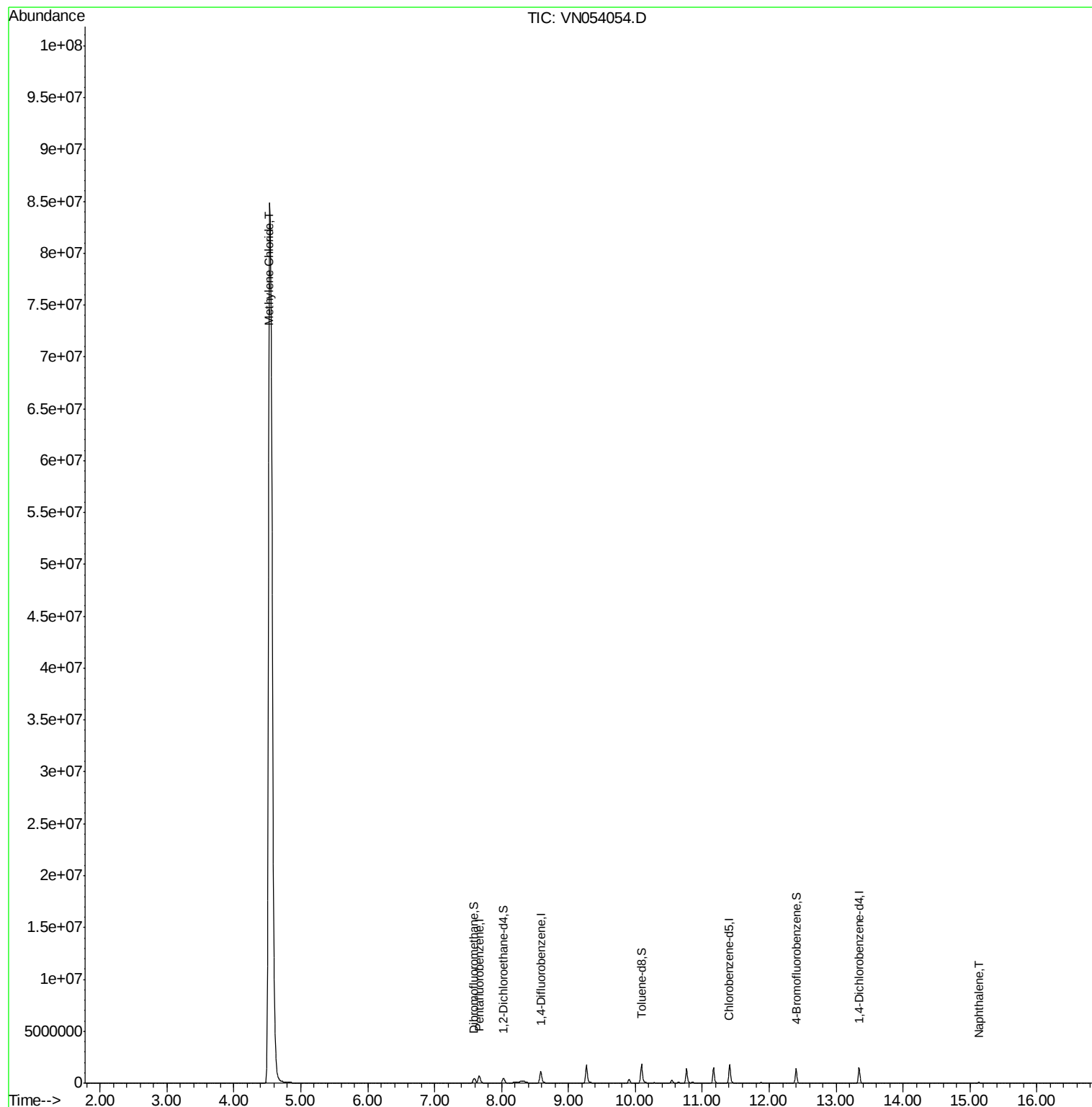
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
Data File : VN054054.D
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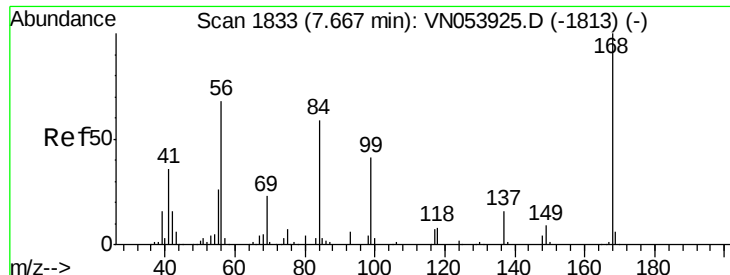
Instrument :
MSVOA_N
ClientSampleId :
Z-3-2-B

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Quant Time: Mar 02 06:04:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
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: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

ClientSampled :

Z-3-2-B

Tot Ion:168 Resp: 610393

Ion Ratio Lower Upper

168 100

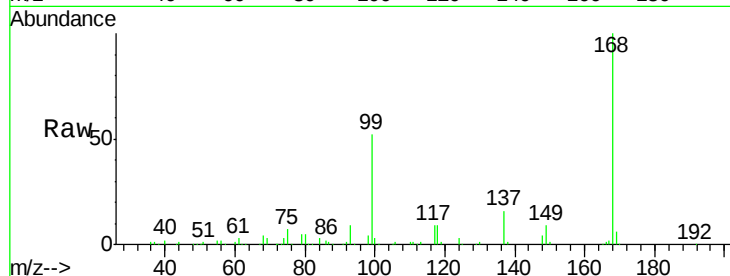
99 52.4 36.9 55.3

Manual Integrations

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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

250000

200000

150000

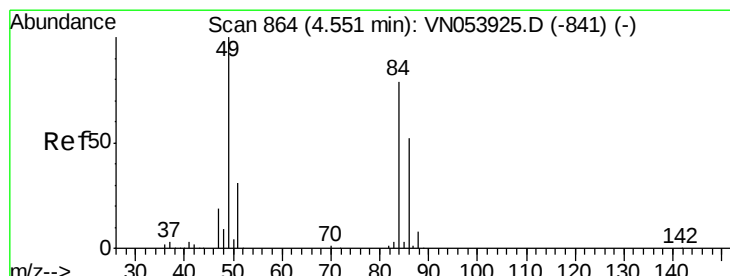
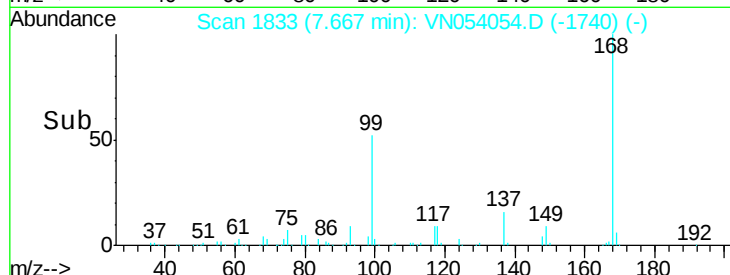
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 6730.609 ug/l m

RT: 4.51 min Scan# 852

Delta R.T. -0.04 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Tgt Ion: 84 Resp:47663972

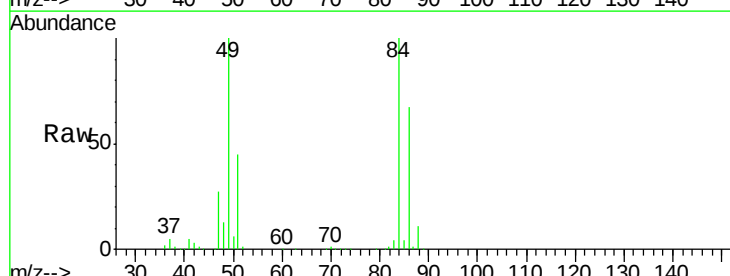
Ion Ratio Lower Upper

84 100

49 100.0 89.7 134.5

51 45.5 27.8 41.8#

86 66.8 51.3 76.9



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

4.51

1.2e+07

1e+07

8000000

6000000

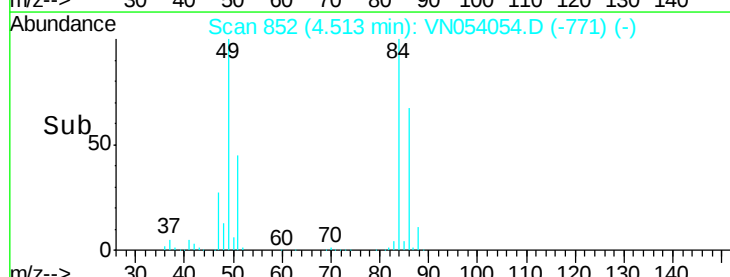
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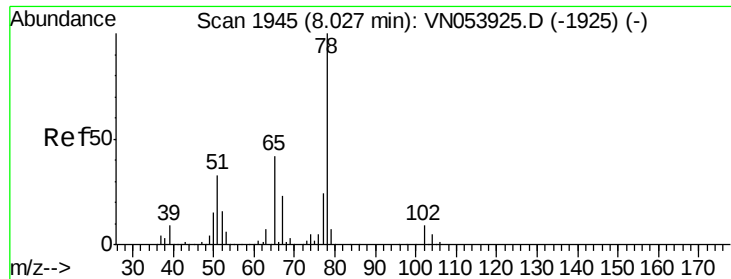
2000000

0

4.40 4.60 4.80

Time-->





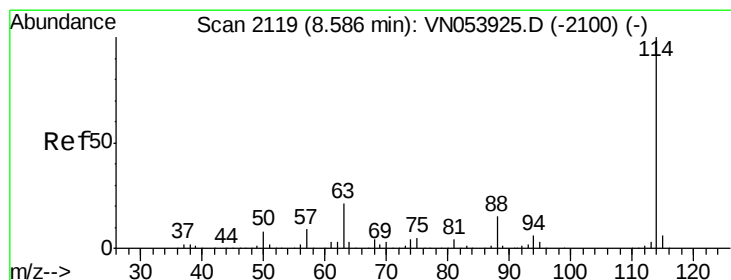
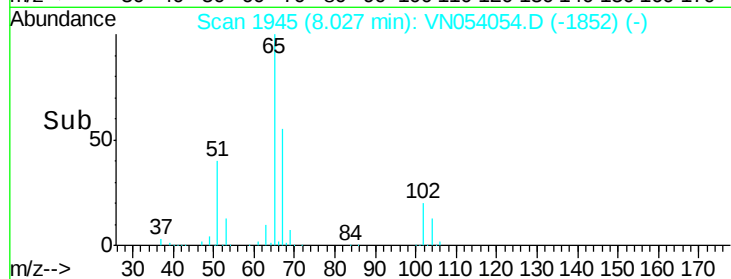
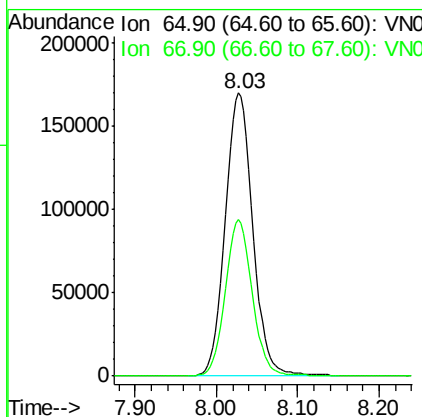
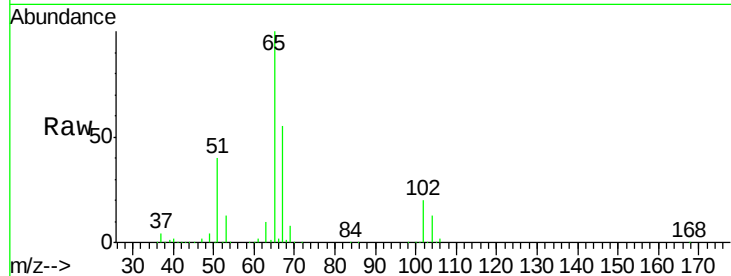
#33
 1,2-Dichloroethane-d4
 Concen: 56.655 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054054.D
 Acq: 2 Mar 2019 2:23

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-2-B

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.2	0.0	111.8	

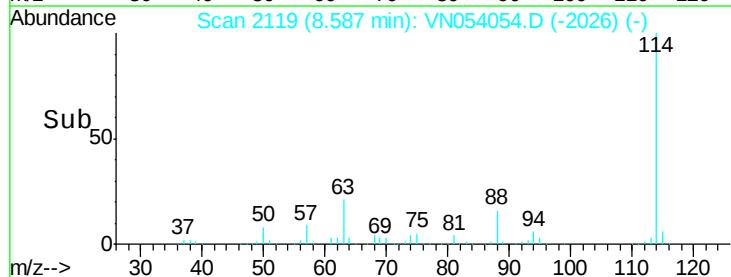
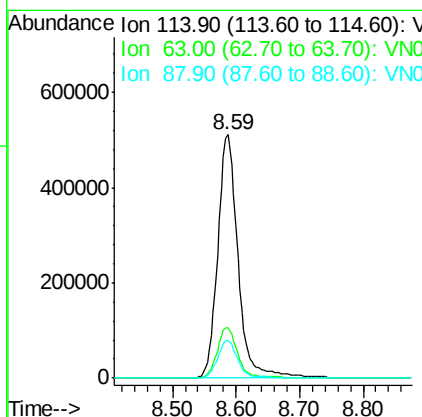
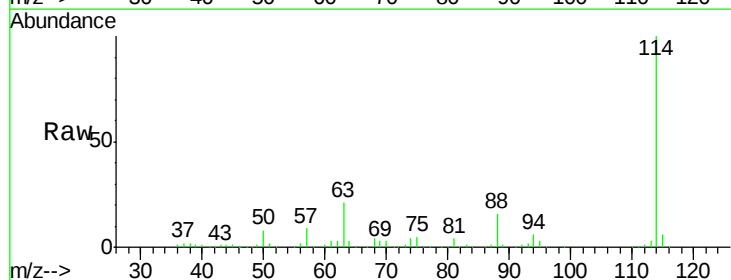
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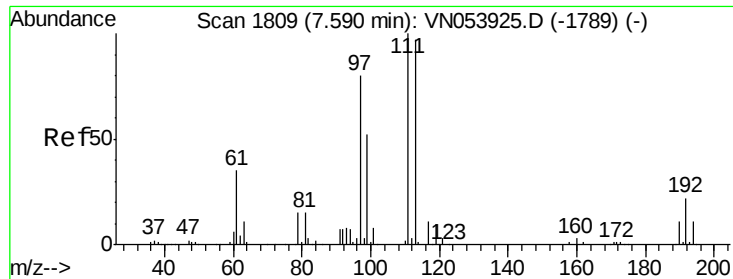
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054054.D
 Acq: 2 Mar 2019 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.7	0.0	37.4	
88	15.5	0.0	30.4	





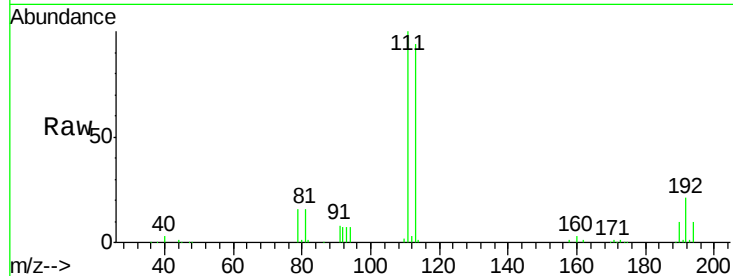
#35
Dibromofluoromethane
Concen: 49.620 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054054.D
Acq: 2 Mar 2019 2:23

Instrument :
MSVOA_N
ClientSampleId :
Z-3-2-B

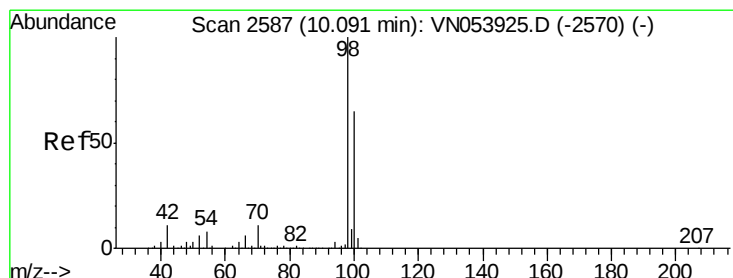
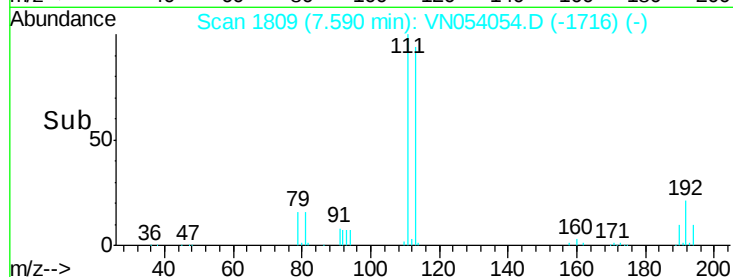
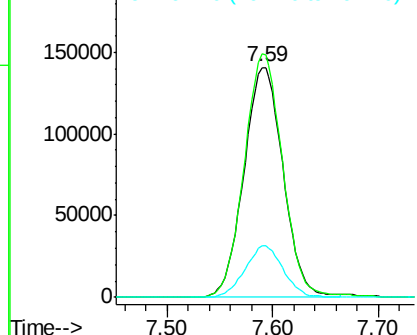
Tot Ion	Ratio	Resp	Lower	Upper
113	100	363839		
111	104.3	81.1	121.7	
192	21.8	18.8	28.2	

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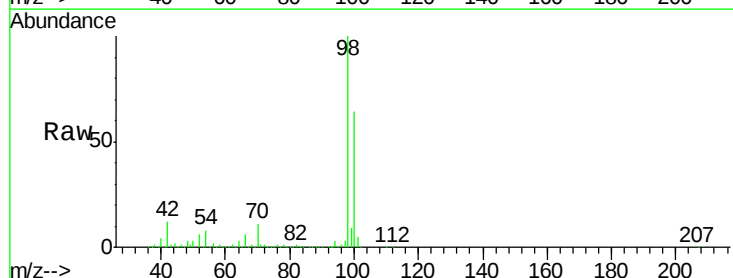


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

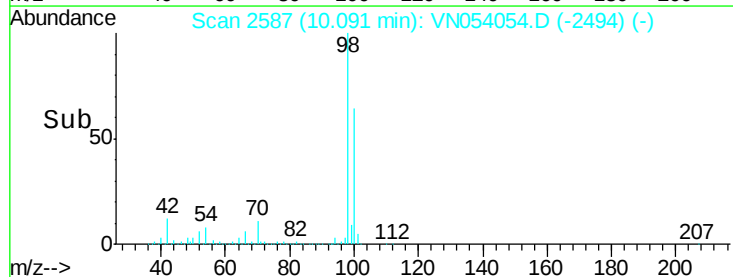
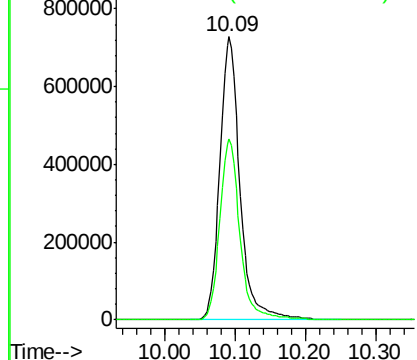


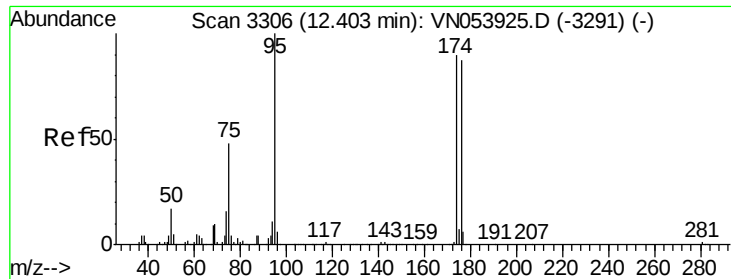
#50
Toluene-d8
Concen: 53.056 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054054.D
Acq: 2 Mar 2019 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1448205		
100	64.0	51.9	77.9	



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 52.850 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

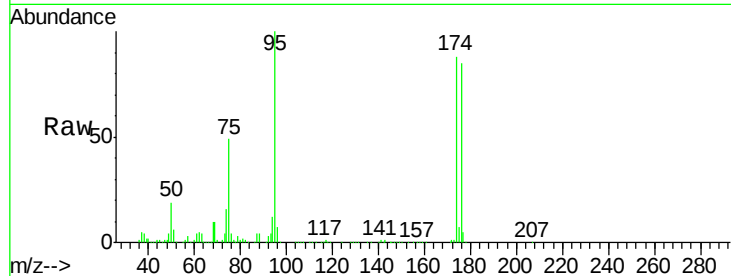
ClientSampled :

Z-3-2-B

Tot Ion:	95	Resp:	480626
Ion Ratio	Lower	Upper	
95	100		
174	87.4	0.0	188.8
176	84.1	0.0	182.6

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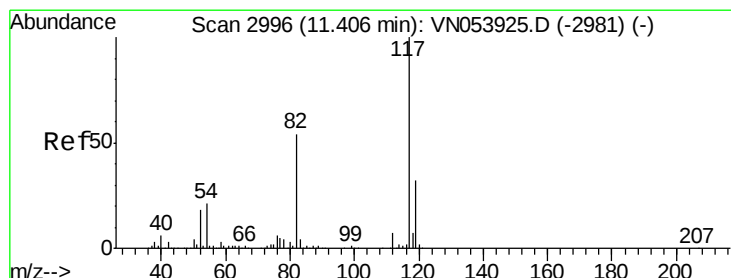
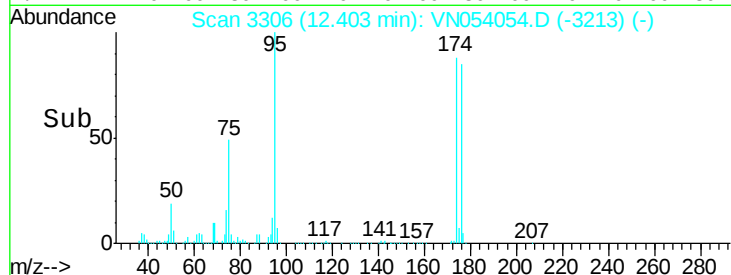
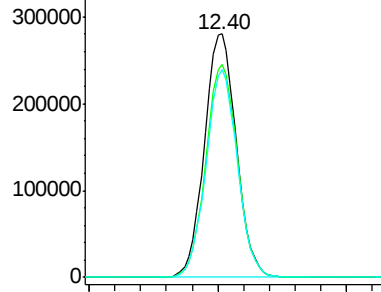
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Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

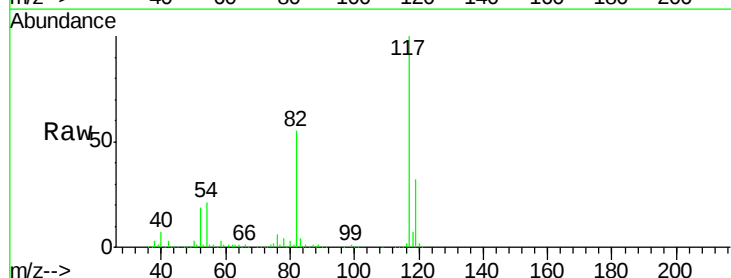
RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

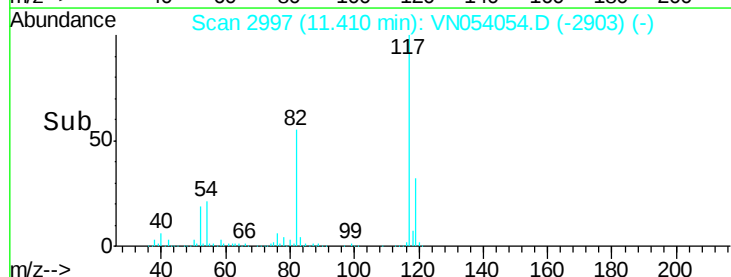
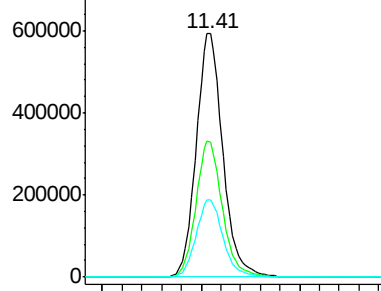
Tgt Ion:	117	Resp:	1119609
Ion Ratio	Lower	Upper	
117	100		
82	55.3	41.4	62.2
119	31.9	25.3	37.9

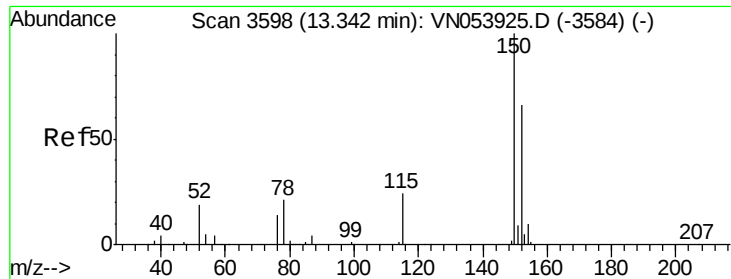


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Instrument :

MSVOA_N

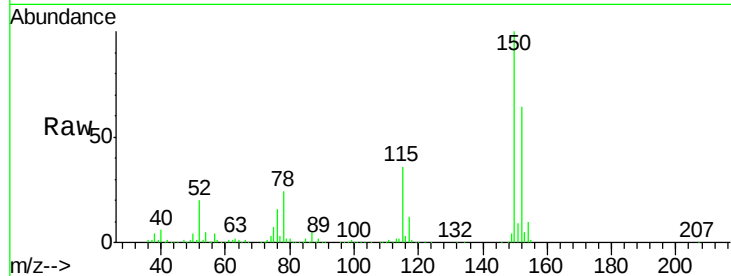
ClientSampled :

Z-3-2-B

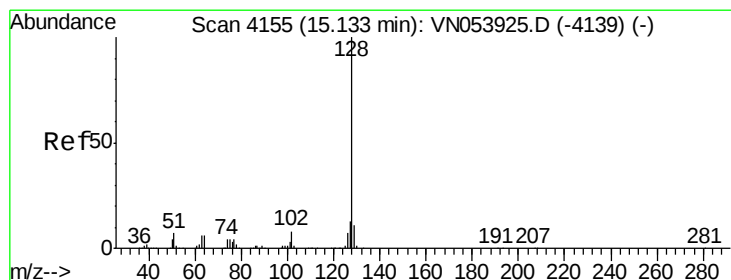
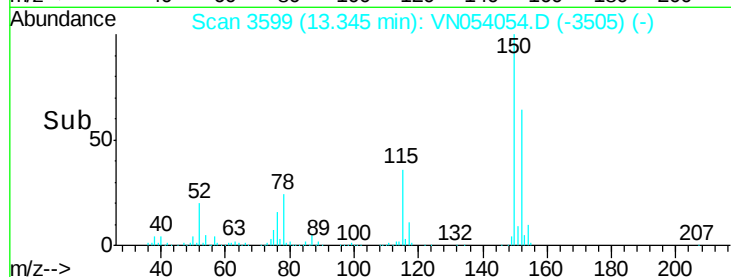
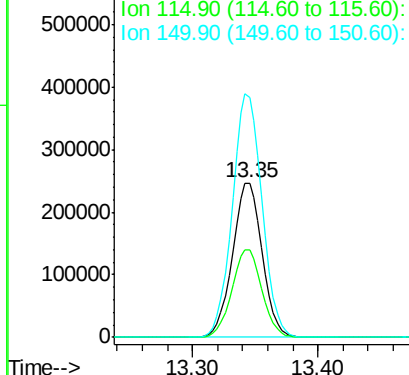
Tot Ion:	152	Resp:	402556
Ion Ratio	Lower	Upper	
152	100		
115	57.4	27.2	81.6
150	158.4	0.0	348.2

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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



#95

Naphthalene

Concen: 5.784 ug/l

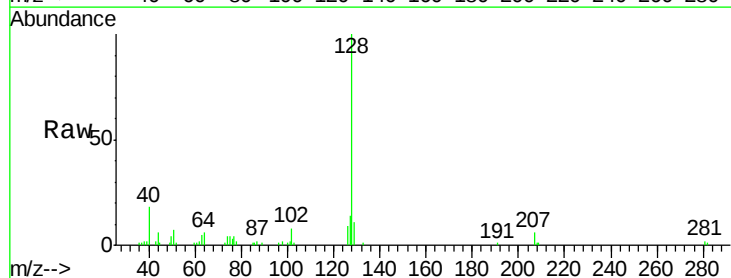
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054054.D

Acq: 2 Mar 2019 2:23

Tgt Ion:	128	Resp:	43811
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	10.9	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

