

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
 Data File : VN057900.D
 Acq On : 11 Sep 2019 5:54
 Operator : JC/SP
 Sample : K4820-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW200A-B4-47.0-52.0-091019

Manual Integrations
 APPROVED

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 9/13/2019 7:07:02 AM

Quant Time: Sep 11 07:28:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	284710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	487827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	324438	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	7.58	113	224037	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	10.09	98	899827	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	292185	43.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.72%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.80	96	4473m	1.018	ug/l	Qvalue
44) Trichloroethene	8.83	130	38610	9.242	ug/l	100

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

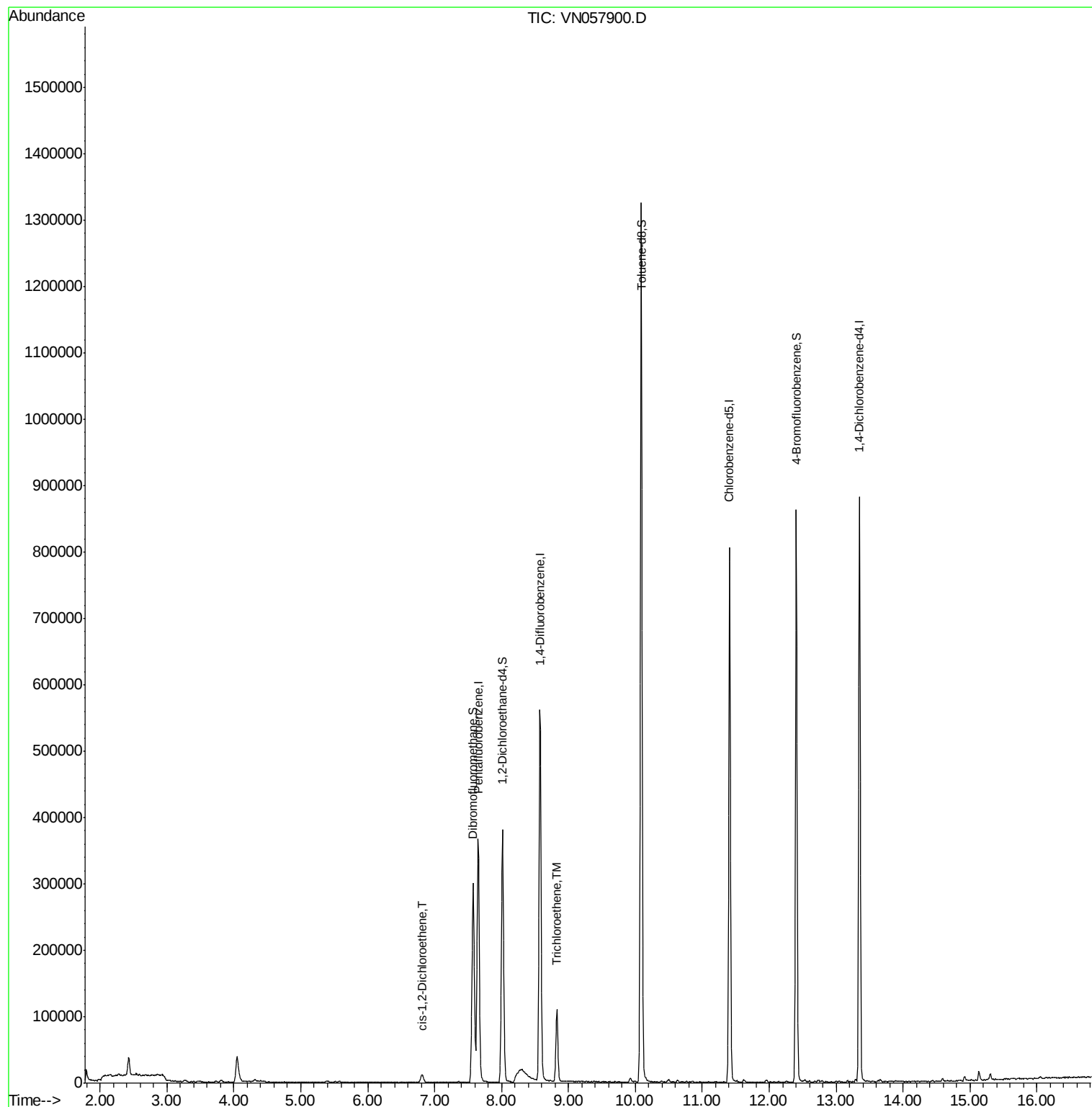
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Data File : VN057900.D
Acq On : 11 Sep 2019 5:54
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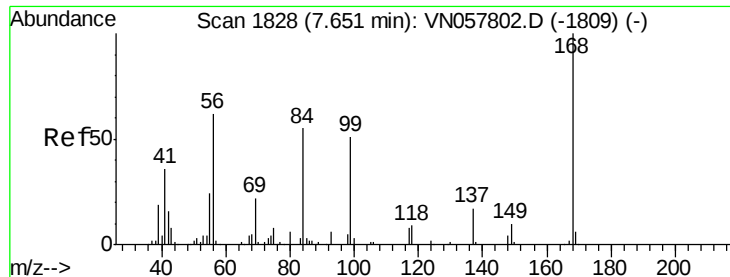
Instrument :
MSVOA_N
ClientSampleId :
GW200A-B4-47.0-52.0-091019

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057900.D

Acq: 11 Sep 2019 5:54

Instrument :

MSVOA_N

ClientSampleId :

GW200A-B4-47.0-52.0-091019

Tot Ion: 168 Resp: 284710

Ion Ratio Lower Upper

168 100

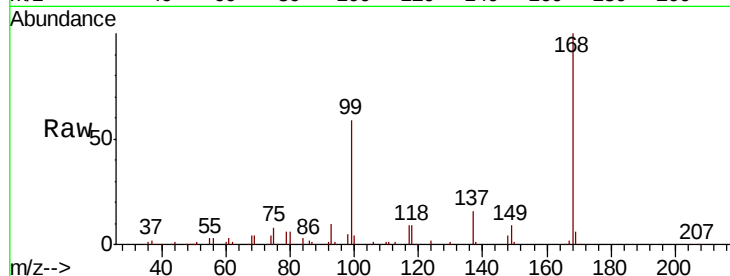
99 59.5 48.0 72.0

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

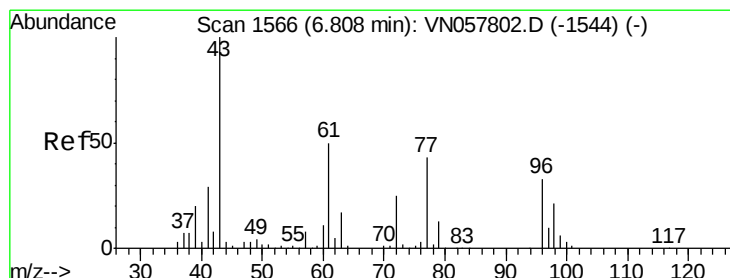
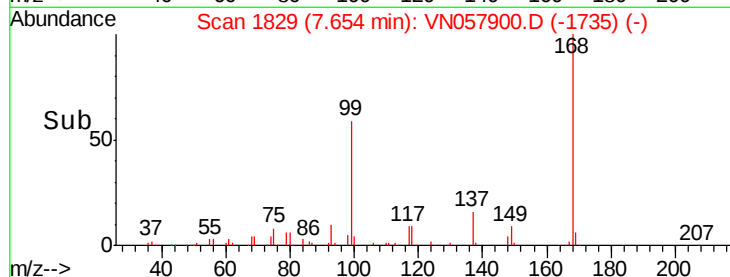
7.65

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.018 ug/l m

RT: 6.80 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN057900.D

Acq: 11 Sep 2019 5:54

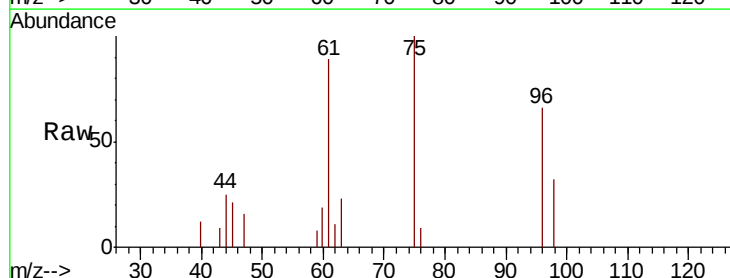
Tgt Ion: 96 Resp: 4473

Ion Ratio Lower Upper

96 100

61 144.4 0.0 314.0

98 67.5 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

3000

2500

2000

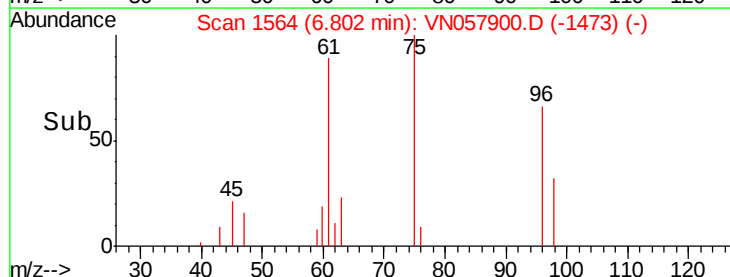
1500

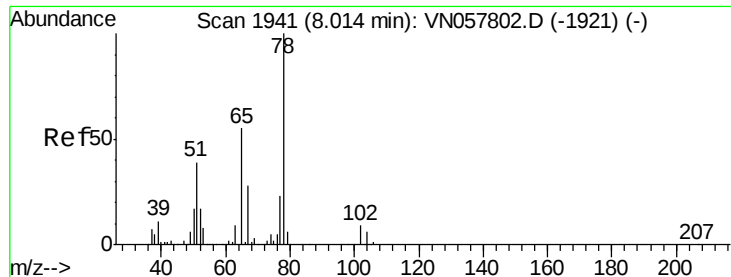
1000

500

0

Time-->





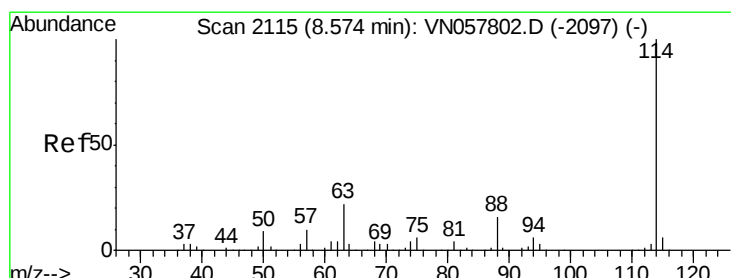
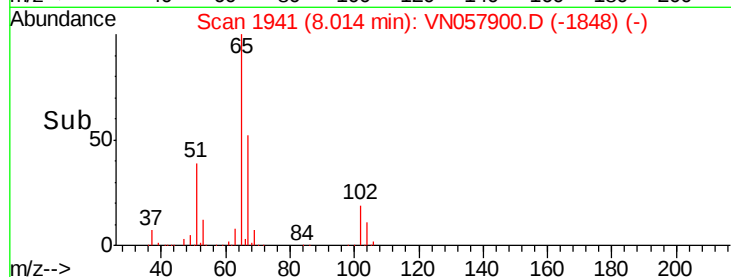
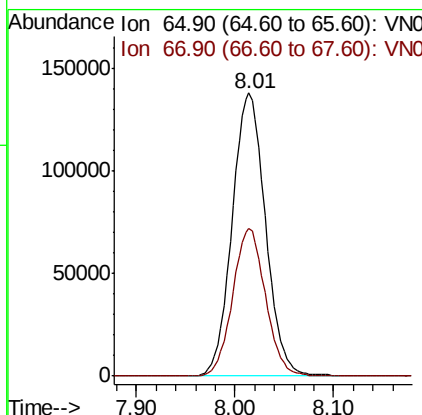
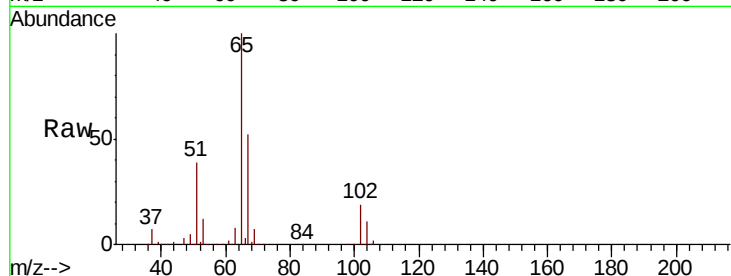
#33
 1,2-Dichloroethane-d4
 Concen: 56.262 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057900.D
 Acq: 11 Sep 2019 5:54

Instrument :
 MSVOA_N
 ClientSampleId :
 GW200A-B4-47.0-52.0-091019

Tot Ion	Ratio	Resp	Lower	Upper
65	100	324438		
67	51.4	0.0	104.0	

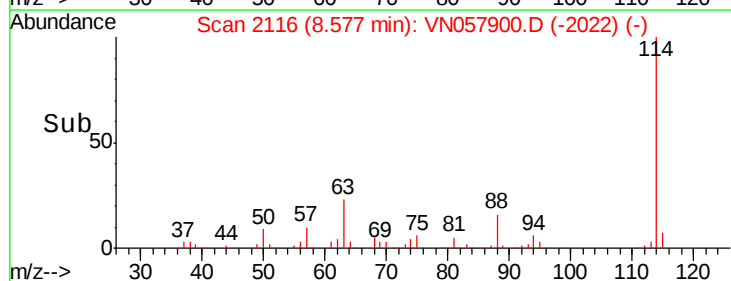
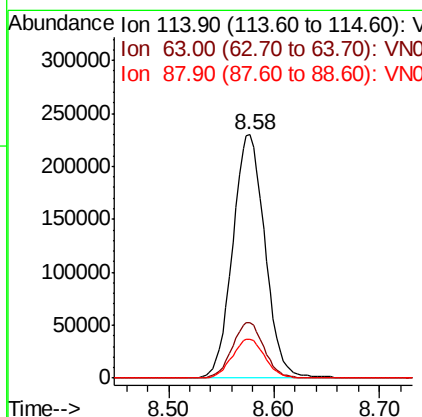
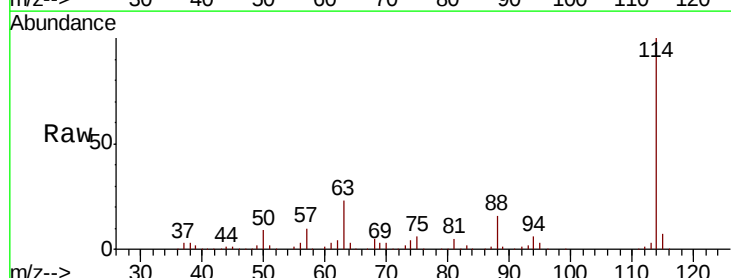
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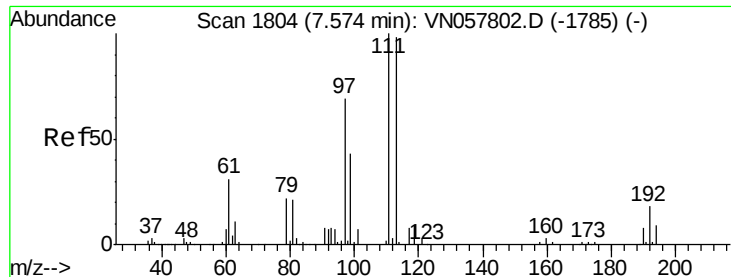
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057900.D
 Acq: 11 Sep 2019 5:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	487827		
63	22.6	0.0	44.0	
88	16.2	0.0	31.4	





#35

Dibromofluoromethane

Concen: 49.759 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057900.D

Acq: 11 Sep 2019 5:54

Instrument :

MSVOA_N

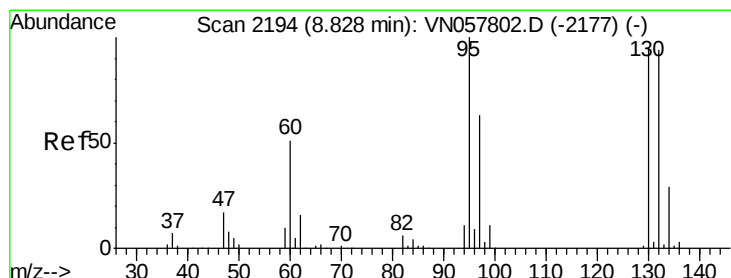
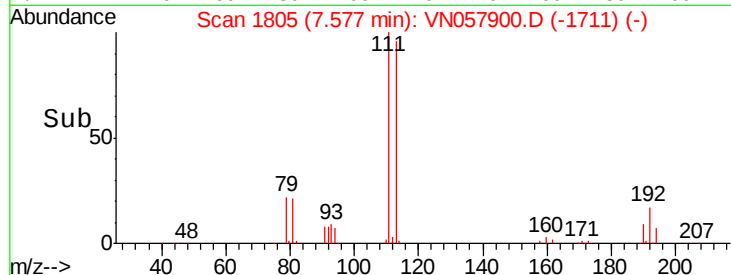
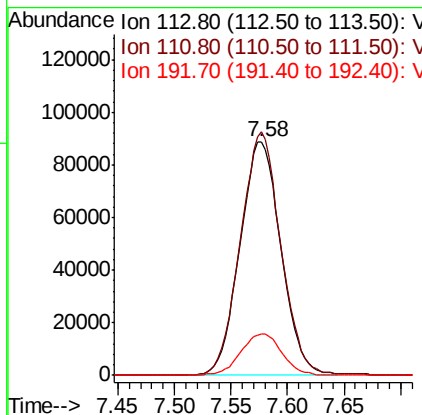
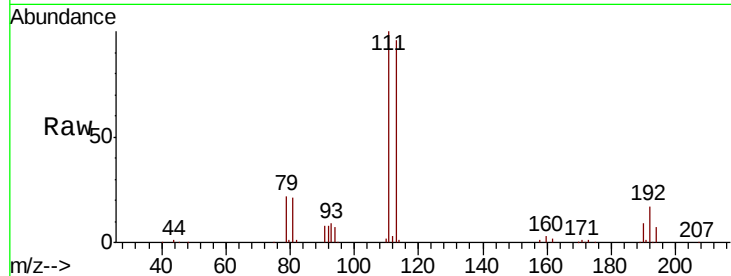
ClientSampleId :

GW200A-B4-47.0-52.0-091019

Tot Ion:	113	Resp:	224037
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.3	121.9
192	17.9	14.6	22.0

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#44

Trichloroethene

Concen: 9.242 ug/l

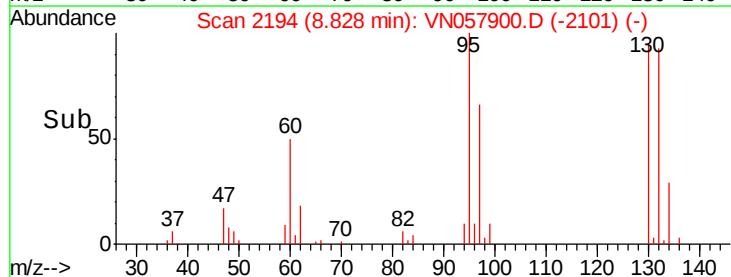
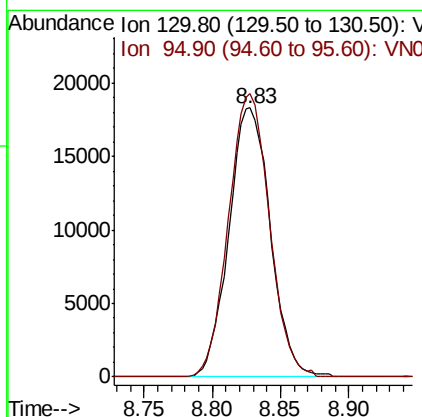
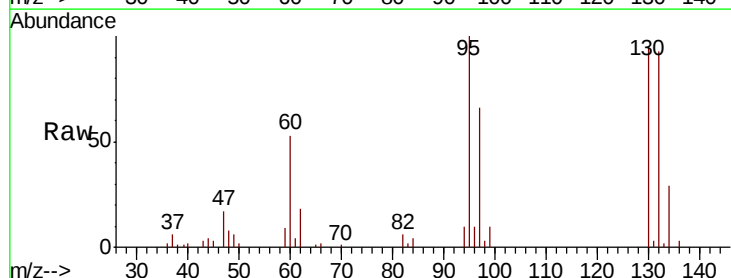
RT: 8.83 min Scan# 2194

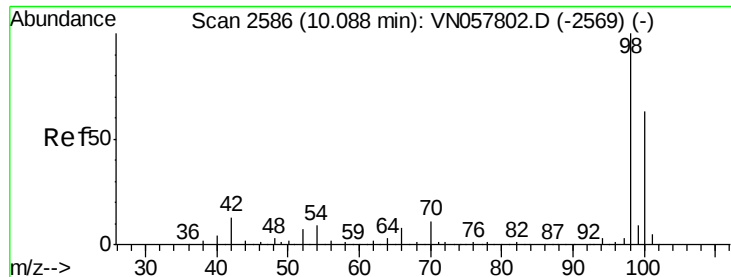
Delta R.T. 0.00 min

Lab File: VN057900.D

Acq: 11 Sep 2019 5:54

Tgt Ion:	130	Resp:	38610
Ion Ratio	Lower	Upper	
130	100		
95	105.3	0.0	211.4





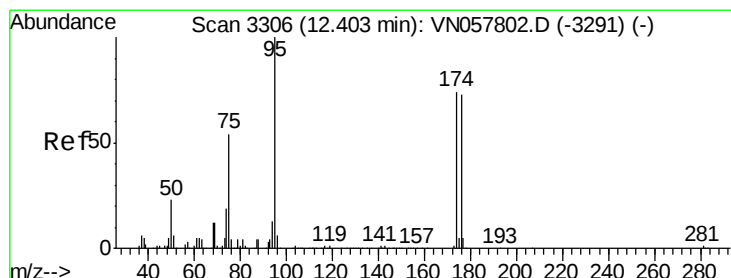
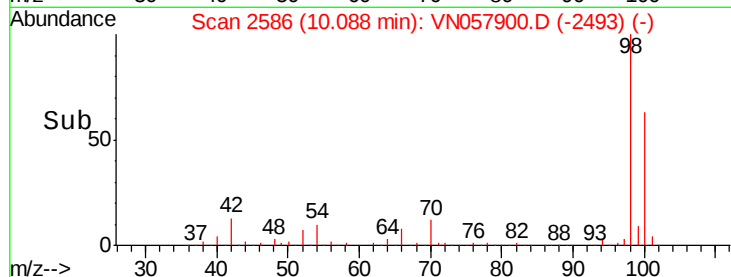
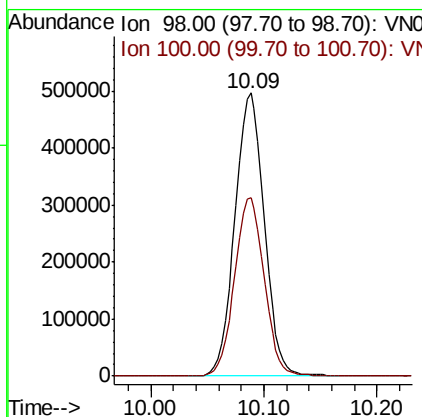
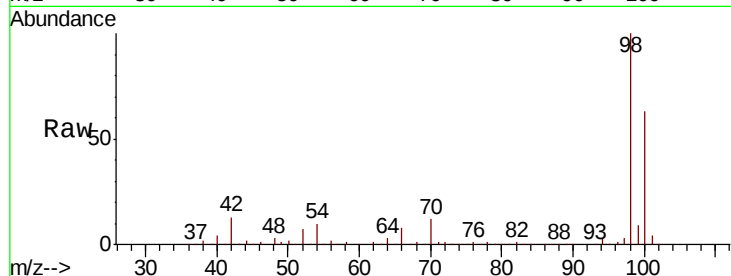
#50
Toluene-d8
Concen: 51.475 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057900.D
Acq: 11 Sep 2019 5:54

Instrument :
MSVOA_N
ClientSampleId :
GW200A-B4-47.0-52.0-091019

Tot Ion: 98 Resp: 899827
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5

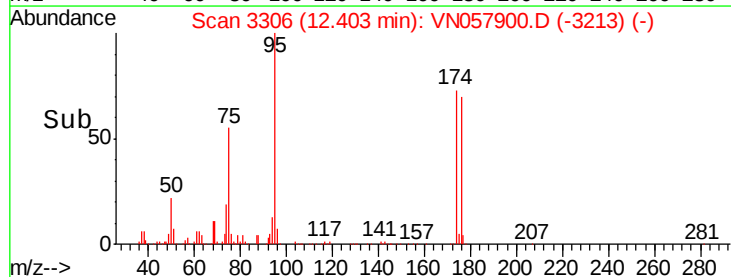
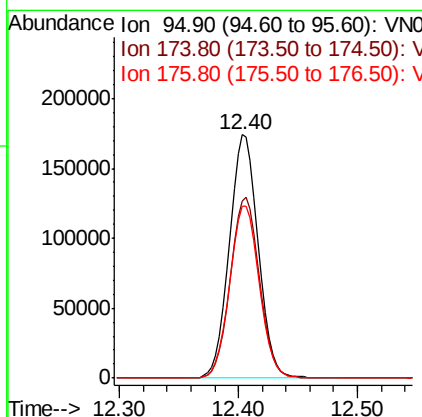
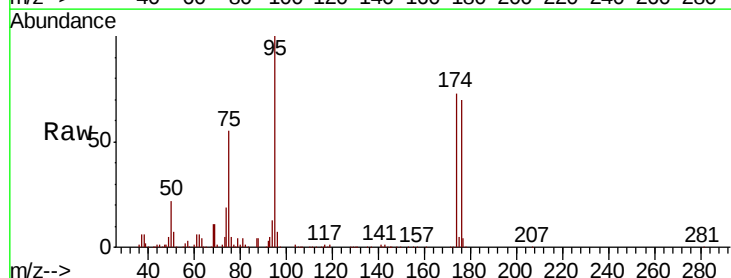
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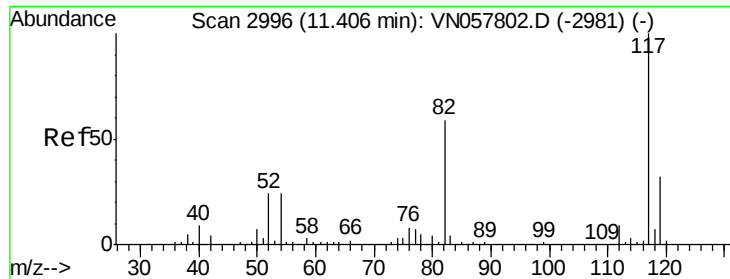
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#62
4-Bromofluorobenzene
Concen: 43.860 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057900.D
Acq: 11 Sep 2019 5:54

Tgt Ion: 95 Resp: 292185
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.2
176 72.8 0.0 146.0





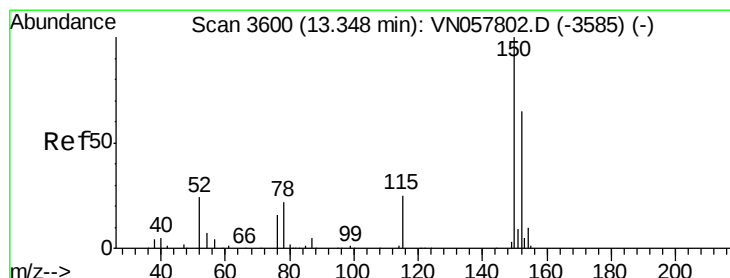
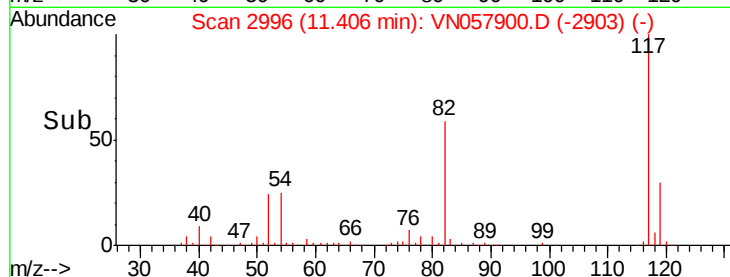
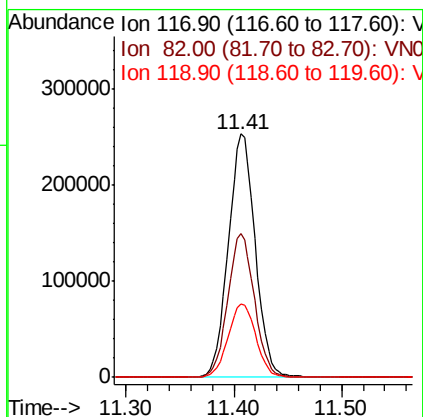
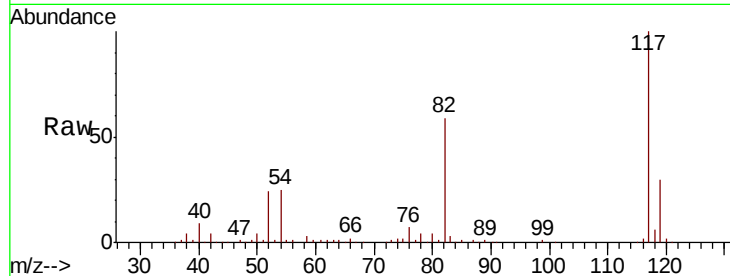
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057900.D
Acq: 11 Sep 2019 5:54

Instrument :
MSVOA_N
ClientSampleId :
GW200A-B4-47.0-52.0-091019

Tot Ion	Ratio	Resp	Lower	Upper
117	100	439931		
82	59.3	47.2	70.8	
119	29.9	25.3	37.9	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057900.D
Acq: 11 Sep 2019 5:54

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	222077		
115	60.3	30.3	91.0	
150	156.0	0.0	352.4	

