

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056808.D
 Acq On : 18 Jul 2019 12:28
 Operator : JC/SP
 Sample : K3883-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SGMW-4D

Manual Integrations
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 7/19/2019 11:31:37 PM

Quant Time: Jul 19 05:52:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	48463	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	258514	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	205639	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	98691	30.06	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	100.20%		
60) 4-Bromofluorobenzene	12.40	95	72063	22.90	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	76.33%		
63) Toluene-d8	10.09	98	298814	31.80	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	106.00%		
Target Compounds						
12) Methyl Acetate	4.34	43	3828	1.000	ug/l #	82
15) Acetone	3.83	58	1119m	1.923	ug/l	
24) Methyl tert-Butyl Ether	5.05	73	102545	11.248	ug/l	99

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

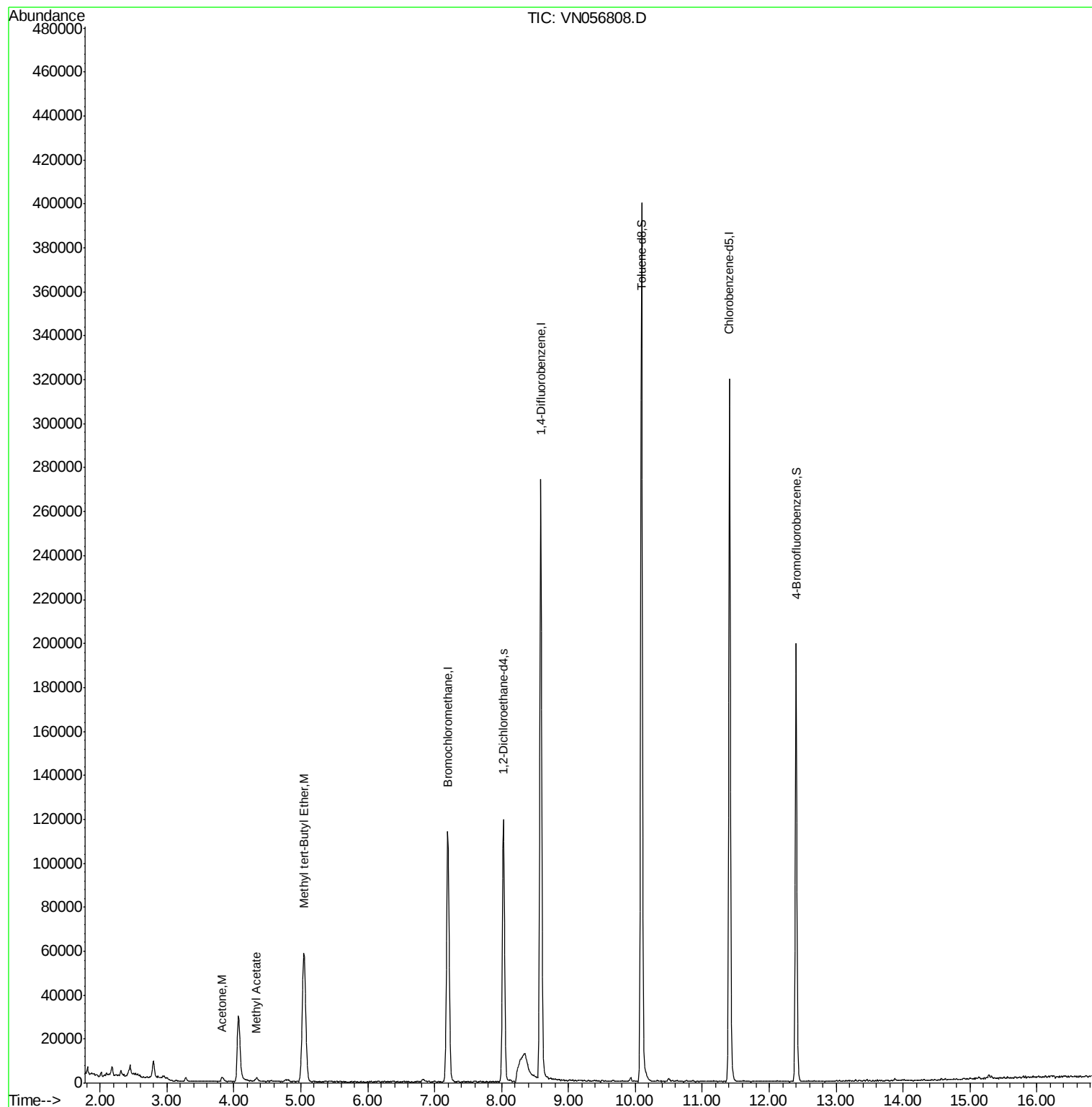
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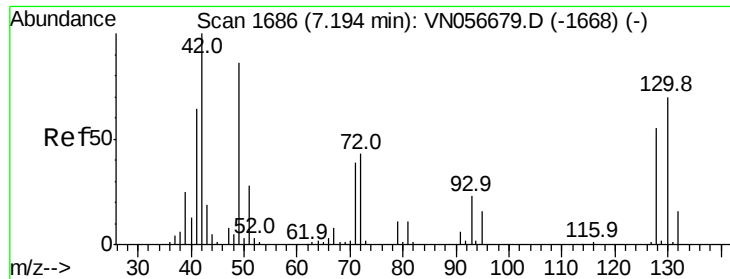
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 12 23:58:13 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056808.D

Acq: 18 Jul 2019 12:28

Instrument :

MSVOA_N

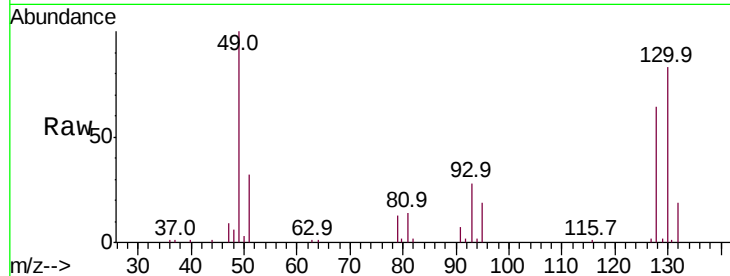
ClientSampled :

SGMW-4D

Tot Ion	Ratio	Lower	Upper
128	100		
49	153.3	0.0	390.5
130	128.2	0.0	316.5

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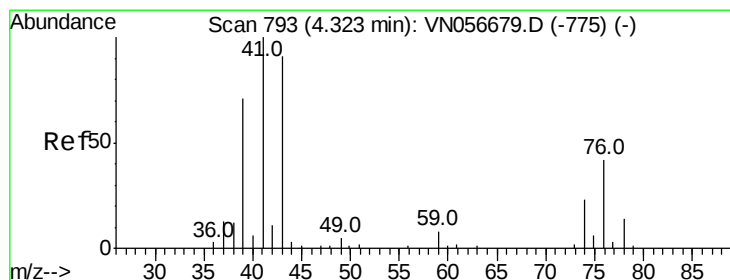
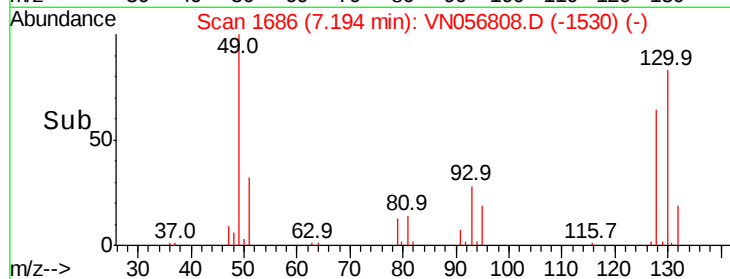
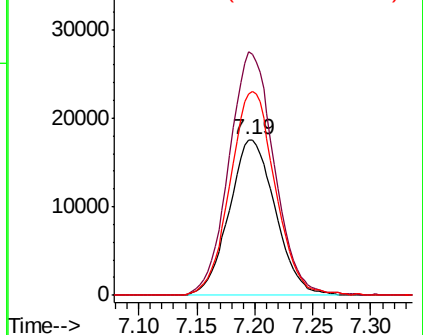
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#12

Methyl Acetate

Concen: 1.000 ug/l

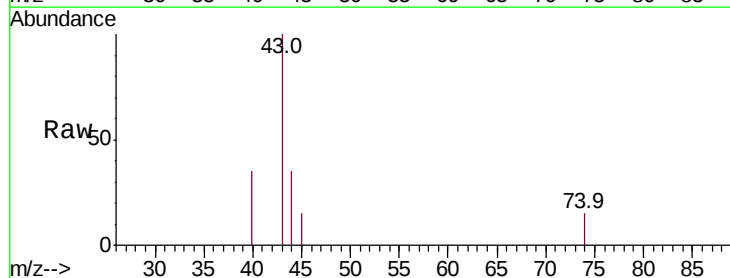
RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056808.D

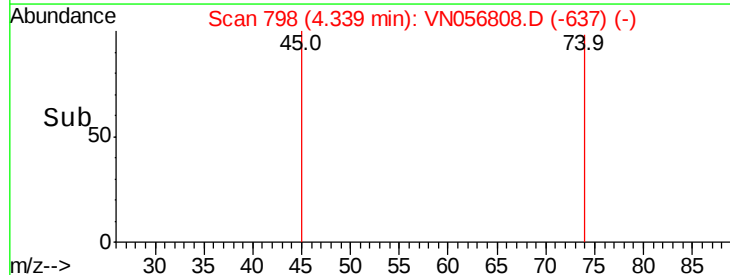
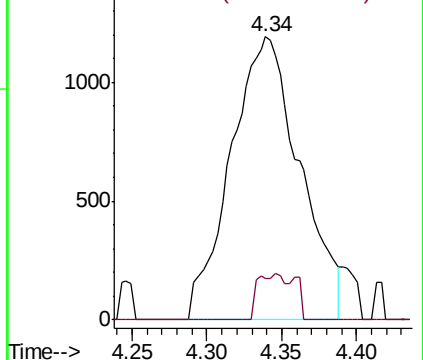
Acq: 18 Jul 2019 12:28

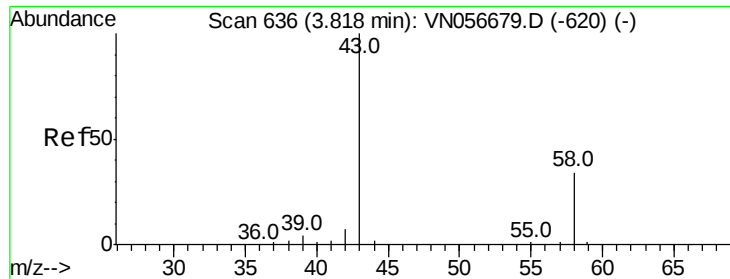
Tgt Ion	Ratio	Lower	Upper
43	100		
74	16.0	20.2	30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#15

Acetone

Concen: 1.923 ug/l m

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056808.D

Acq: 18 Jul 2019 12:28

Instrument :

MSVOA_N

ClientSampled :

SGMW-4D

Tot Ion: 58 Resp: 1119

Ion Ratio Lower Upper

58 100

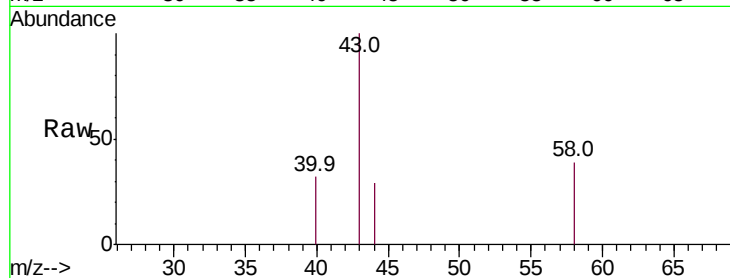
43 255.5 233.9 350.9

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Abundance Ion 58.00 (57.70 to 58.70): VN056679.D (-620) (-)

Ion 43.00 (42.70 to 43.70): VN056679.D (-620) (-)

1500

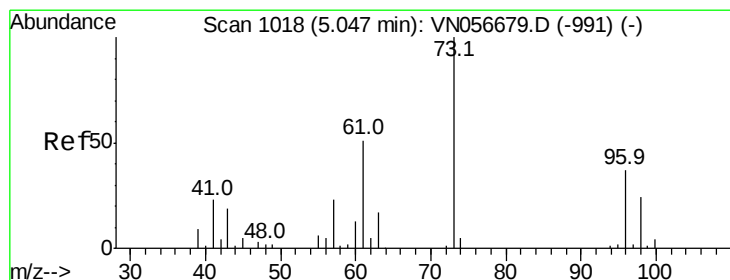
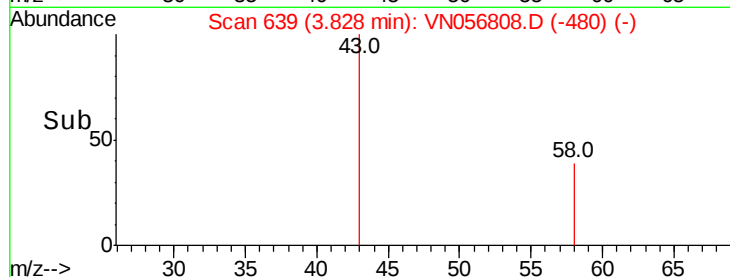
1000

500

0

3.70 3.80 3.90

Time-->



#24

Methyl tert-Butyl Ether

Concen: 11.248 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN056808.D

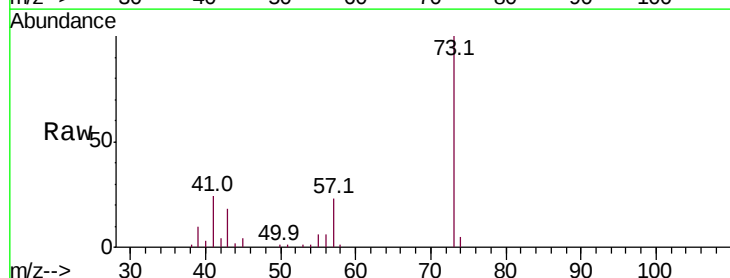
Acq: 18 Jul 2019 12:28

Tgt Ion: 73 Resp: 102545

Ion Ratio Lower Upper

73 100

43 19.5 15.1 22.7



Abundance Ion 73.00 (72.70 to 73.70): VN056679.D (-991) (-)

Ion 43.00 (42.70 to 43.70): VN056679.D (-991) (-)

30000

25000

20000

15000

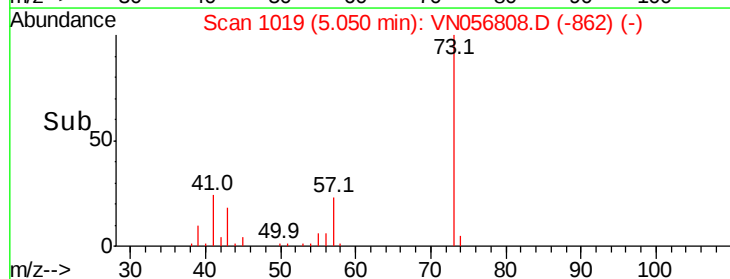
10000

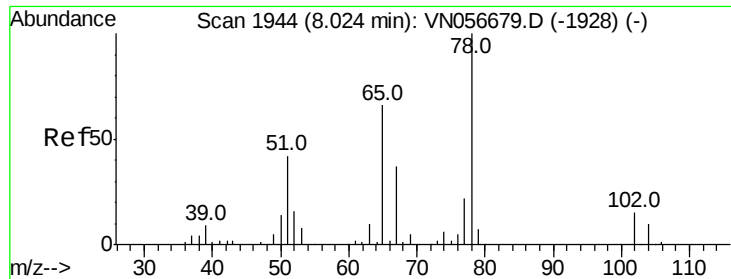
5000

0

4.90 5.00 5.10 5.20

Time-->





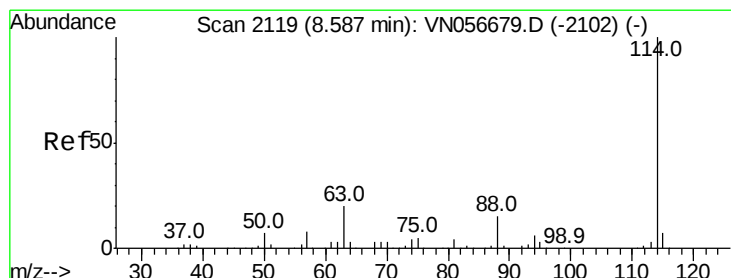
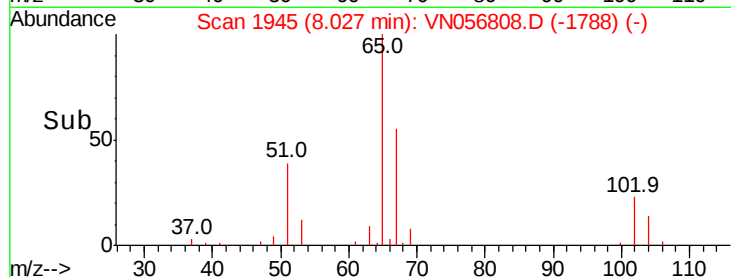
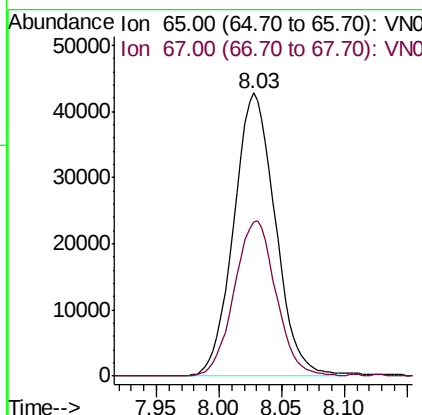
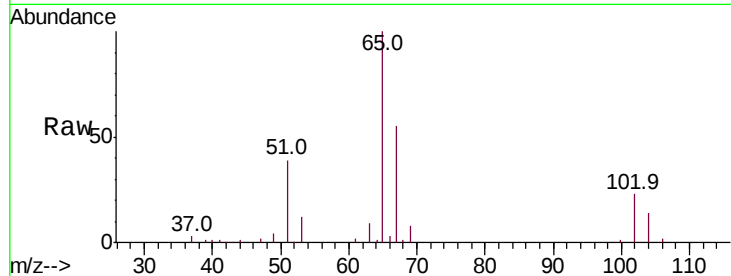
#27
 1,2-Dichloroethane-d4
 Concen: 30.063 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056808.D
 Acq: 18 Jul 2019 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 SGMW-4D

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	43.4	65.0

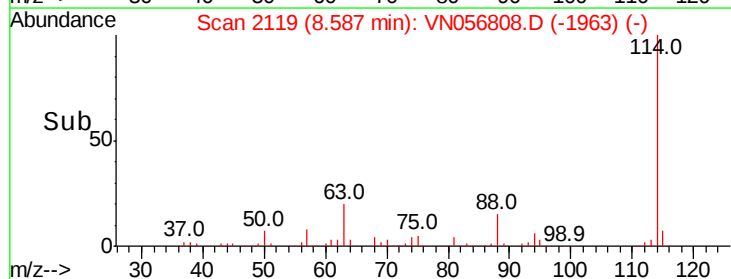
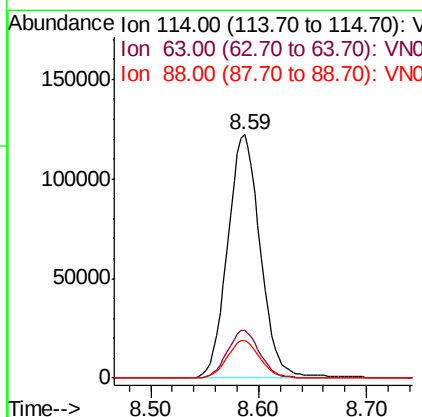
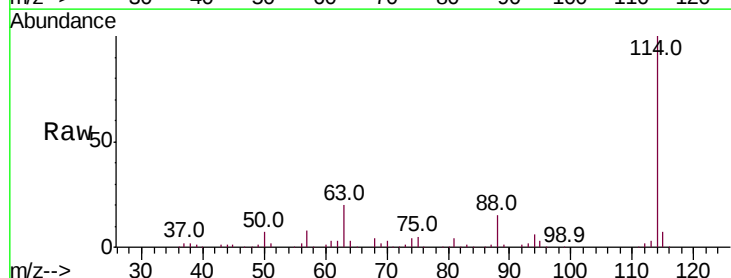
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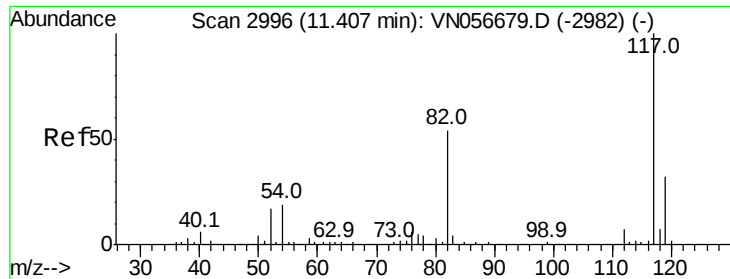
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056808.D
 Acq: 18 Jul 2019 12:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	16.2	24.2
88	15.5	12.3	18.5





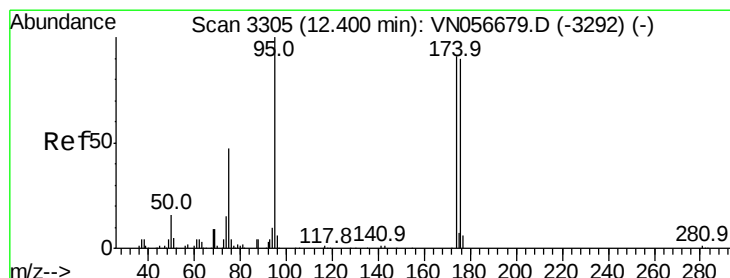
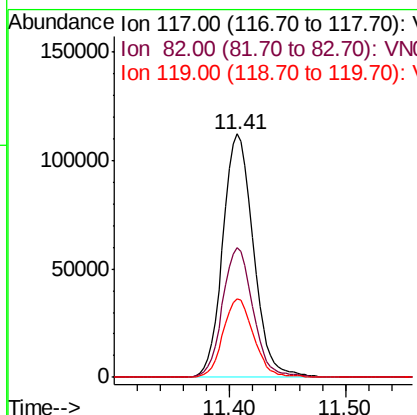
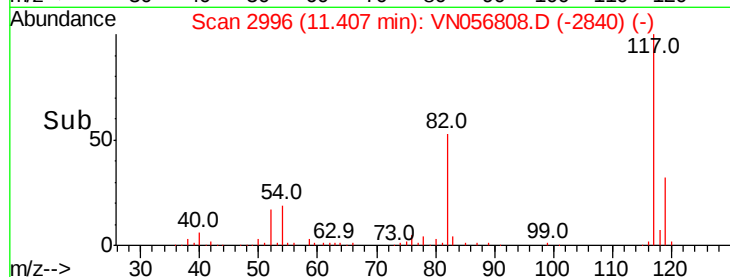
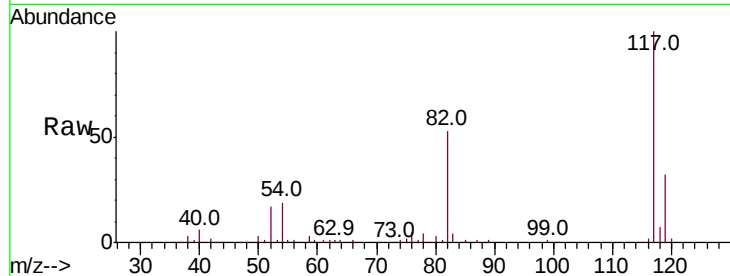
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN056808.D
 Acq: 18 Jul 2019 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 SGMW-4D

Tot Ion:	117	Resp:	205639
Ion Ratio	Lower	Upper	
117	100		
82	52.9	43.0	64.4
119	32.2	26.0	39.0

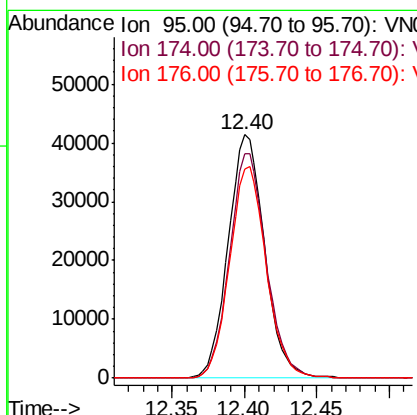
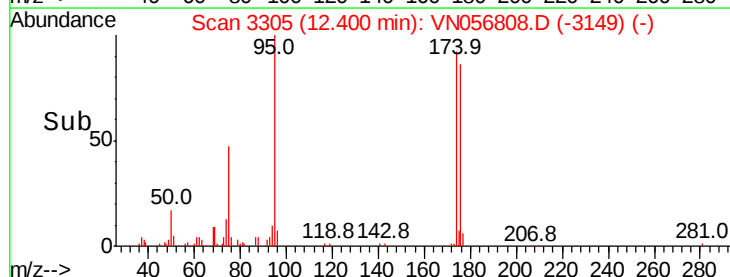
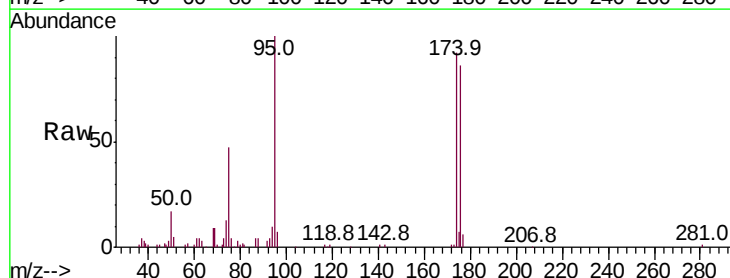
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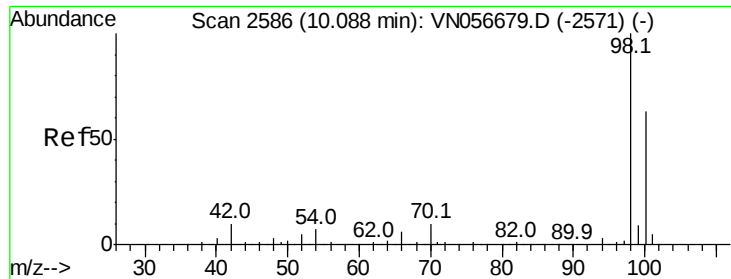
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#60
 4-Bromofluorobenzene
 Concen: 22.898 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056808.D
 Acq: 18 Jul 2019 12:28

Tgt Ion:	95	Resp:	72063
Ion Ratio	Lower	Upper	
95	100		
174	92.9	72.6	108.8
176	87.4	71.0	106.6





#63
Toluene-d8
Concen: 31.803 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056808.D
Acq: 18 Jul 2019 12:28

Instrument :
MSVOA_N
ClientSampleId :
SGMW-4D

Tot Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7

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