

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102318\
 Data File : VN051971.D
 Acq On : 23 Oct 2018 19:05
 Operator : MD\SY
 Sample : J5643-02 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-(SEP)

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 10:10:05 AM

Quant Time: Oct 24 07:46:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	148809	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	863410	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	754629	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	281603	31.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.67%
60) 4-Bromofluorobenzene	12.40	95	299147	27.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.63%
63) Toluene-d8	10.09	98	968218	29.55	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.50%

Target Compounds

					Ovalue
12) Methyl Acetate	4.33	43	13969m	3.283	ug/l
15) Acetone	3.82	58	17064	36.303	ug/l
25) Chloroform	7.37	83	110886	7.384	ug/l
41) Bromodichloromethane	9.41	83	7498	0.631	ug/l

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

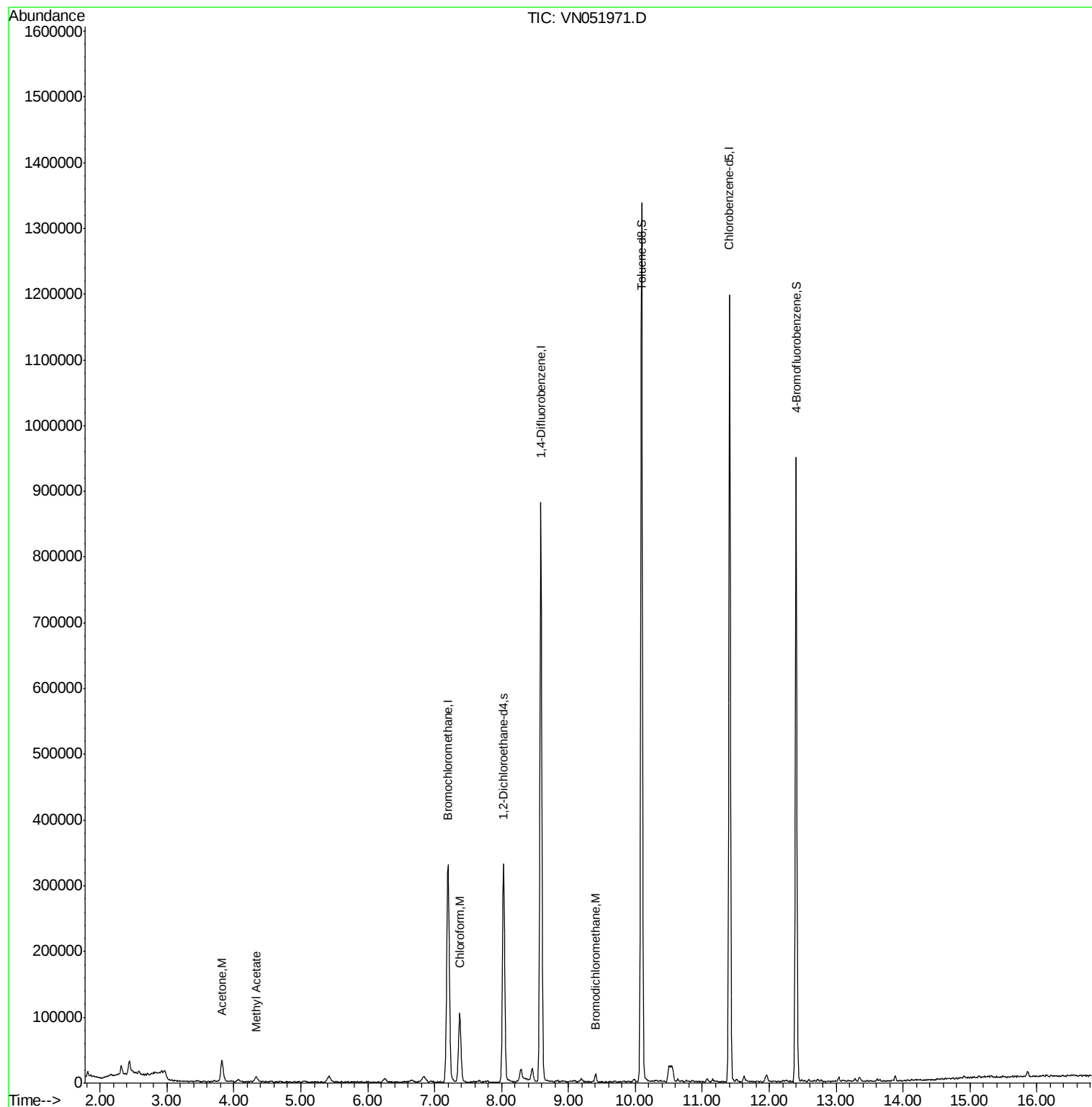
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Data File : VN051971.D
Acq On : 23 Oct 2018 19:05
Operator : MD\SY
Sample : J5643-02 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 28

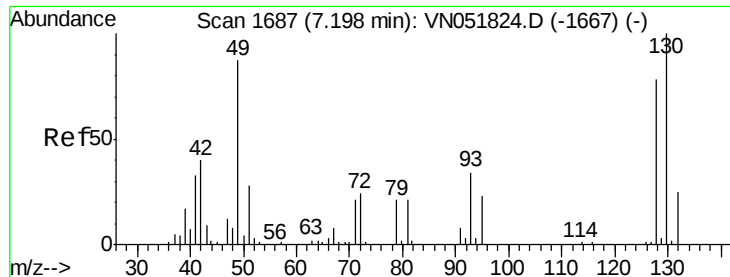
Instrument :
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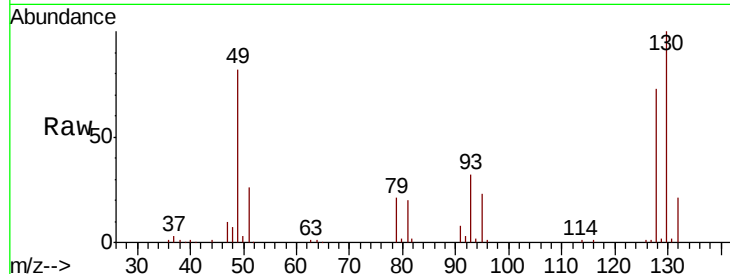
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN051971.D
 Acq: 23 Oct 2018 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-(SEP)

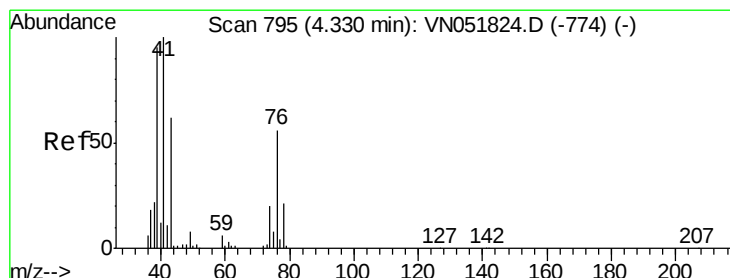
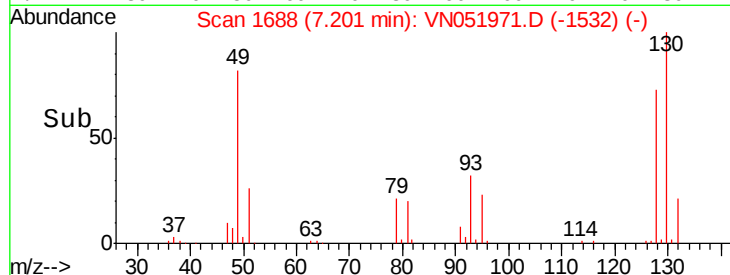
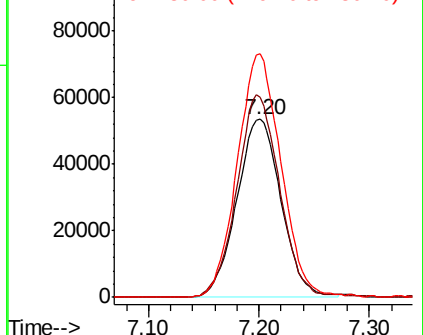
Tot Ion	Ratio	Lower	Upper
128	100		
49	109.7	0.0	403.3
130	134.6	0.0	326.0

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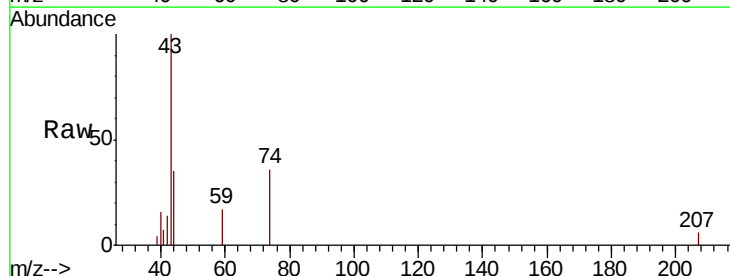


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): V
 Ion 130.00 (129.70 to 130.70): V

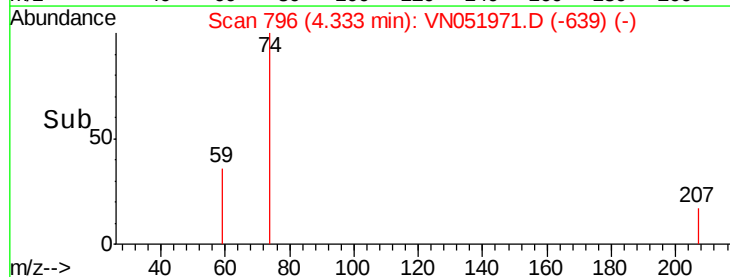
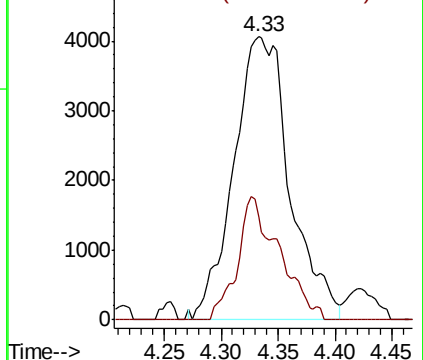


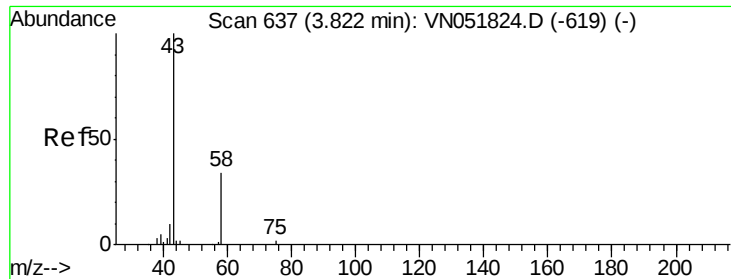
#12
 Methyl Acetate
 Concen: 3.283 ug/l m
 RT: 4.33 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: VN051971.D
 Acq: 23 Oct 2018 19:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	36.5	21.8	32.6#



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 74.00 (73.70 to 74.70): V





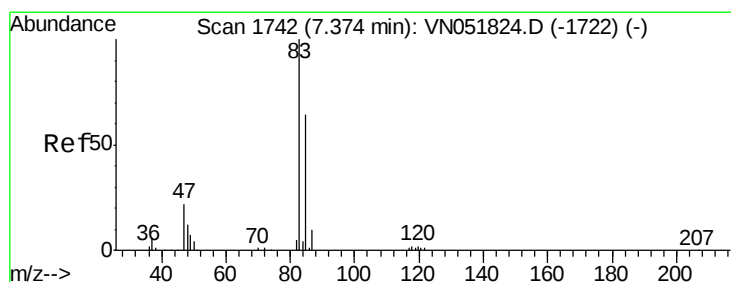
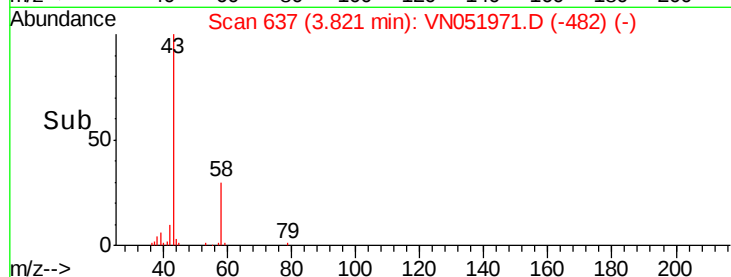
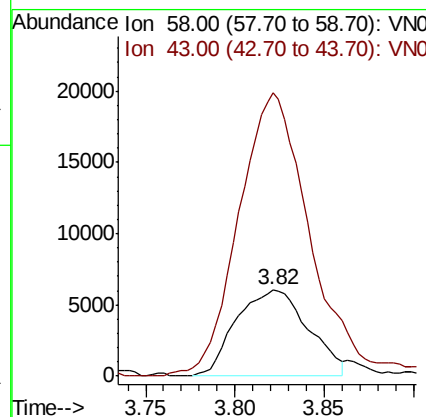
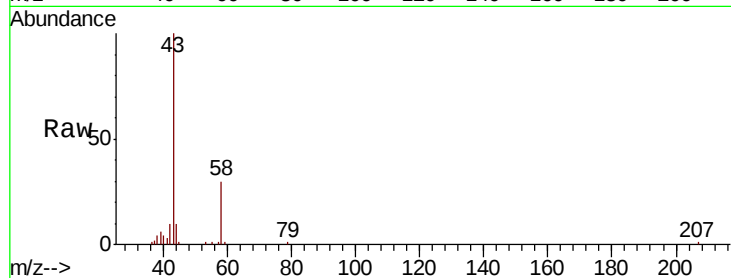
#15
Acetone
Concen: 36.303 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN051971.D
Acq: 23 Oct 2018 19:05

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-(SEP)

Tot Ion: 58 Resp: 17064
Ion Ratio Lower Upper
58 100
43 319.2 232.2 348.2

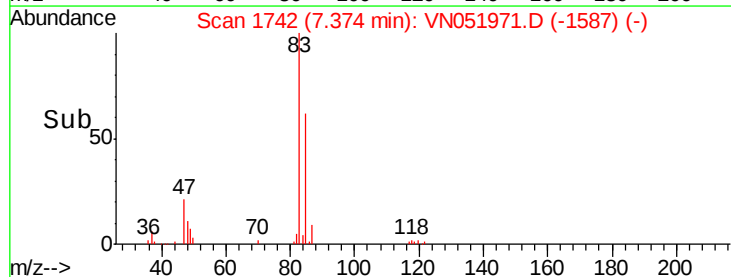
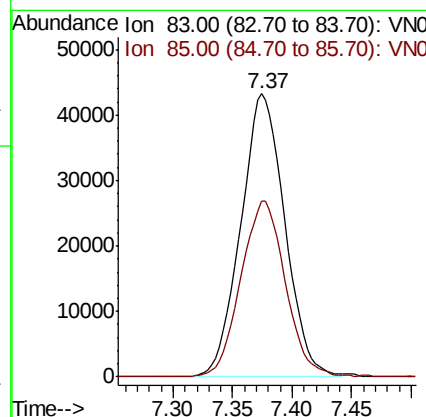
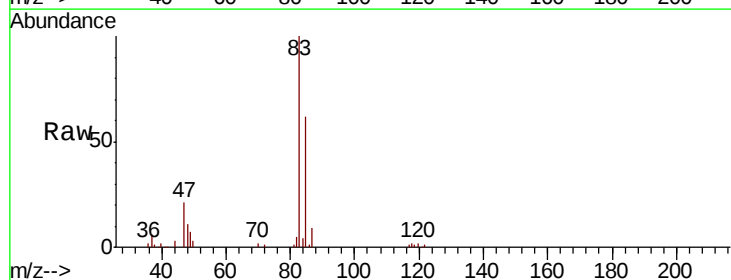
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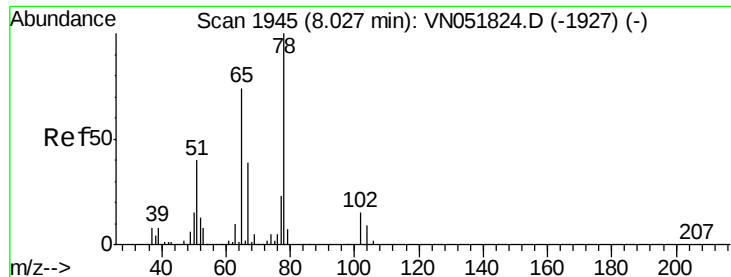
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#25
Chloroform
Concen: 7.384 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051971.D
Acq: 23 Oct 2018 19:05

Tgt Ion: 83 Resp: 110886
Ion Ratio Lower Upper
83 100
85 62.3 54.6 82.0





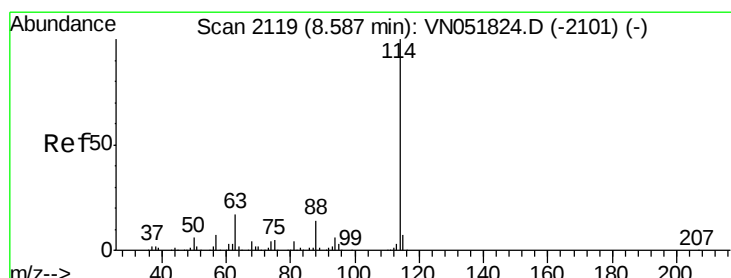
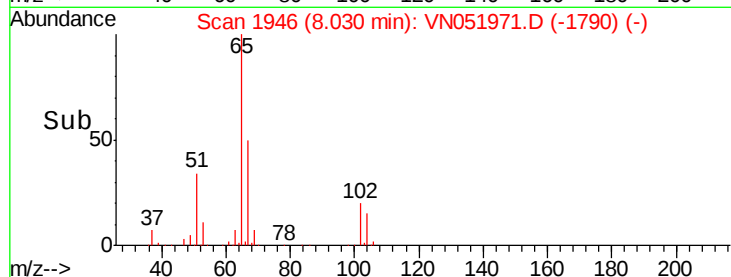
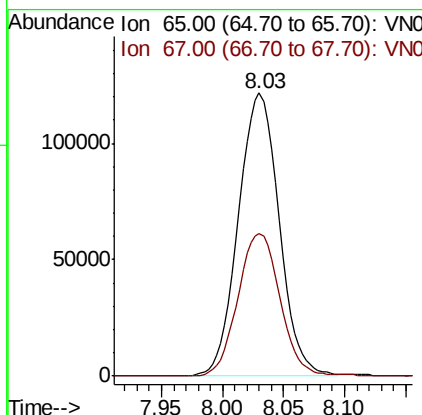
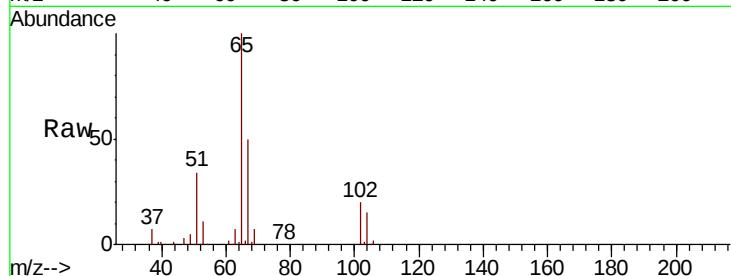
#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051971.D
 Acq: 23 Oct 2018 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-(SEP)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	281603		
67	51.9		41.8	62.8

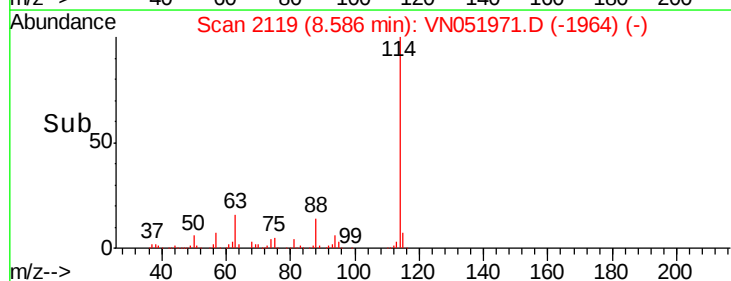
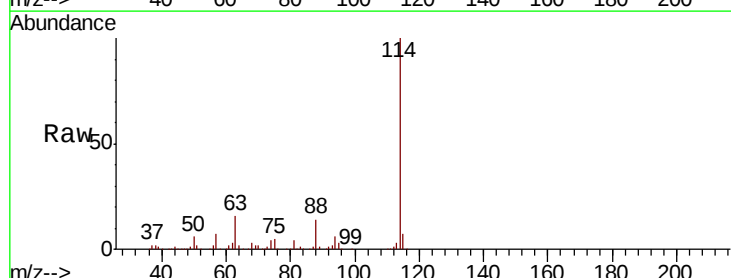
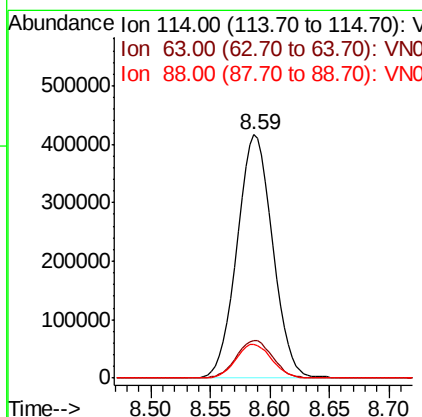
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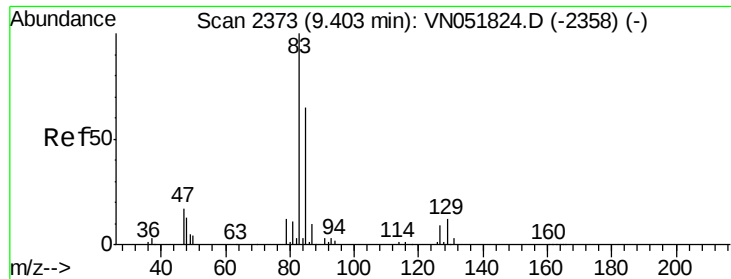
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051971.D
 Acq: 23 Oct 2018 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	863410		
63	15.9		16.2	24.2#
88	14.0		12.2	18.4





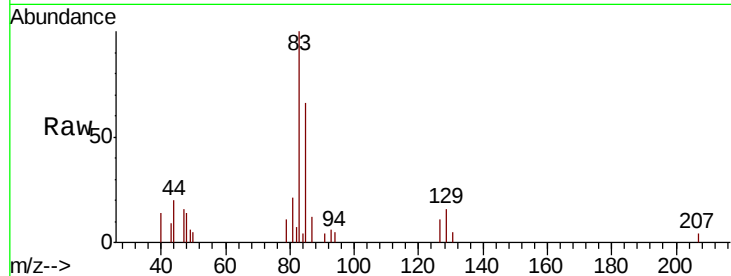
#41
Bromodichloromethane
Concen: 0.631 ug/l
RT: 9.41 min Scan# 2374
Delta R.T. 0.00 min
Lab File: VN051971.D
Acq: 23 Oct 2018 19:05

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-(SEP)

Tot Ion	83	85	127
Resp:	7498		
Ratio	100	66.0	10.7
Lower		55.7	8.2
Upper		83.5	12.4

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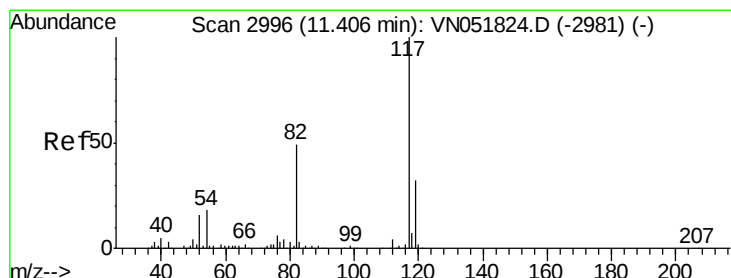
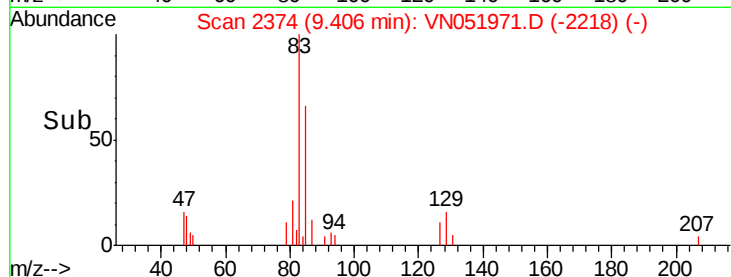
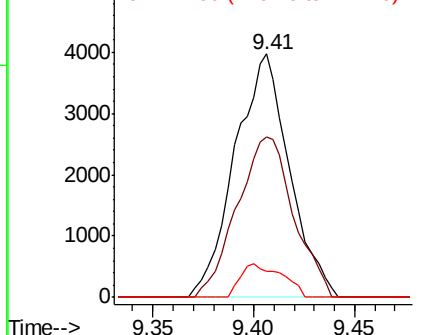


Abundance

Ion 83.00 (82.70 to 83.70): VN051824.D (-2358) (-)

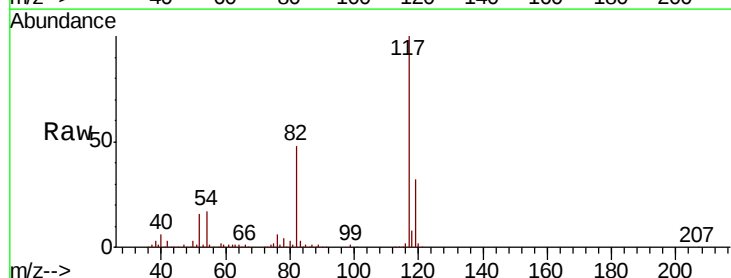
Ion 85.00 (84.70 to 85.70): VN051824.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN051824.D (-2358) (-)



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051971.D
Acq: 23 Oct 2018 19:05

Tgt Ion	117	82	119
Resp:	754629		
Ratio	100	48.1	32.1
Lower		44.1	25.8
Upper		66.1	38.8

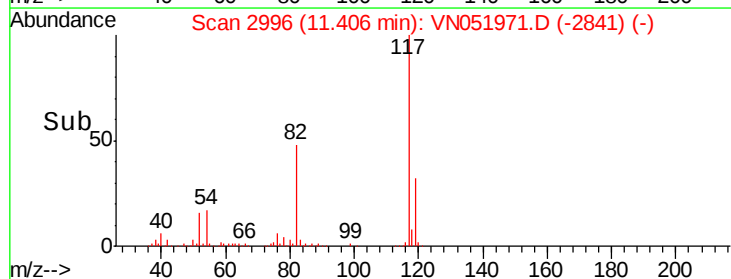
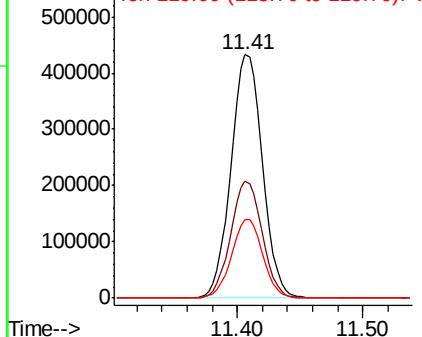


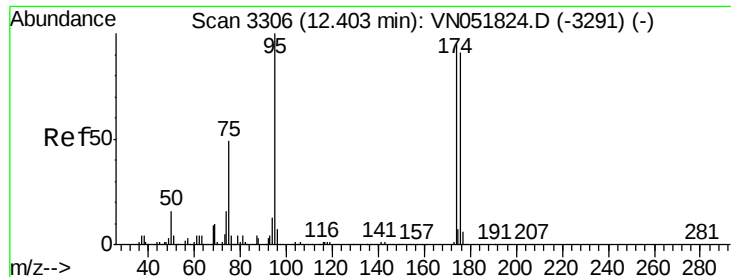
Abundance

Ion 117.00 (116.70 to 117.70): VN051824.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051824.D (-2981) (-)

Ion 119.00 (118.70 to 119.70): VN051824.D (-2981) (-)





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051971.D

Acq: 23 Oct 2018 19:05

Instrument :

MSVOA_N

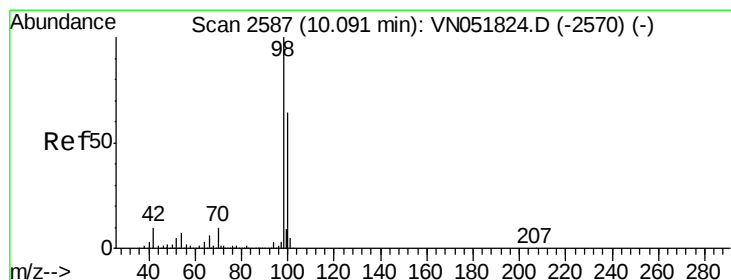
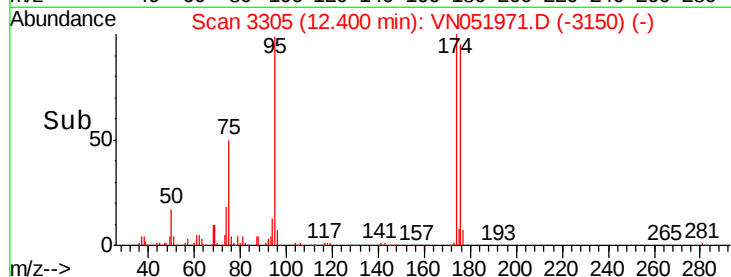
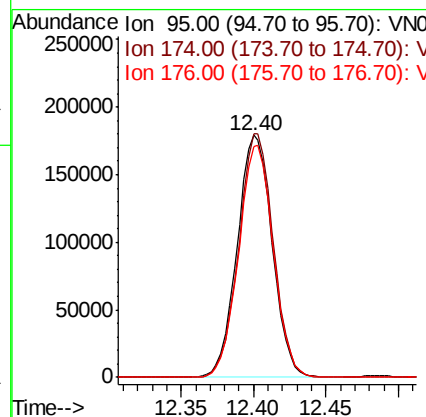
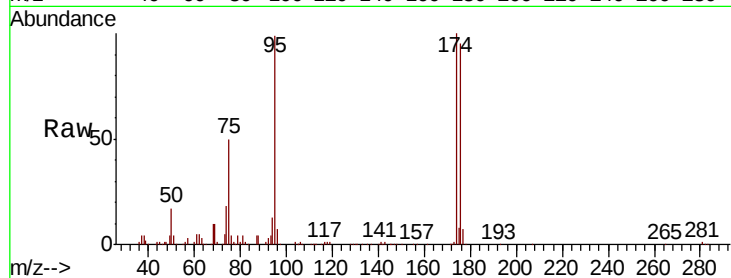
ClientSampleId :

002M-35TH-AVE-(SEP)

Tot Ion:	95	Resp:	299147
Ion Ratio	Lower	Upper	
95	100		
174	99.6	73.5	110.3
176	95.3	70.2	105.2

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#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051971.D

Acq: 23 Oct 2018 19:05

Tgt Ion:	98	Resp:	968218
Ion Ratio	Lower	Upper	
98	100		
100	64.0	50.8	76.2

