

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
 Data File : VN051869.D
 Acq On : 15 Oct 2018 13:08
 Operator : MD\SY
 Sample : J5512-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-AUG

Manual Integrations
 APPROVED

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 10/16/2018 3:56:26 PM

Quant Time: Oct 16 16:06:44 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	142710	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1189032	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1142627	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	284369	32.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	109.17%
60) 4-Bromofluorobenzene	12.40	95	445876	27.06	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.20%
63) Toluene-d8	10.09	98	1526257	30.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.53%

Target Compounds

						Qvalue
15) Acetone	3.82	58	467582	1037.27	ug/l	93
25) Chloroform	7.37	83	173513	12.05	ug/l	93
30) 2-Butanone	6.84	43	19148m	5.98	ug/l	
58) 4-Methyl-2-Pentanone	9.99	43	28383	3.71	ug/l #	89
62) Toluene	10.16	91	13017199	229.32	ug/l	98
82) p-Isopropyltoluene	13.29	119	361754	6.08	ug/l	97

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

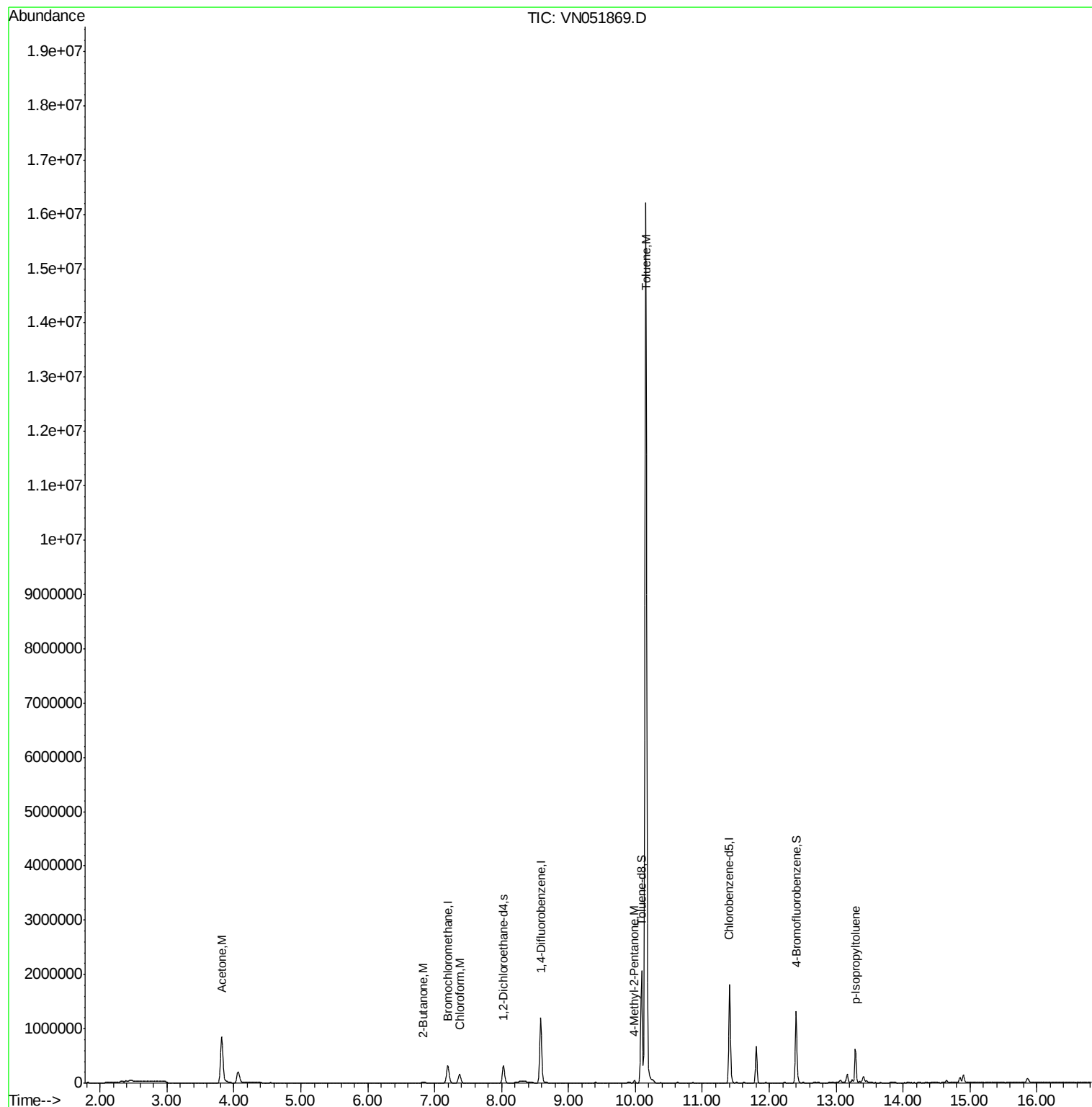
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
Data File : VN051869.D
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ALS Vial : 9 Sample Multiplier: 28

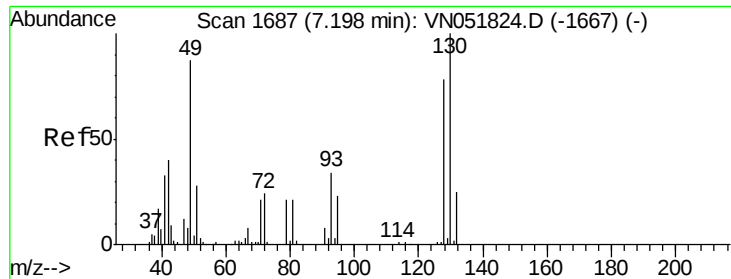
Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-AUG

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Quant Time: Oct 16 16:06:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
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Response via : Initial Calibration





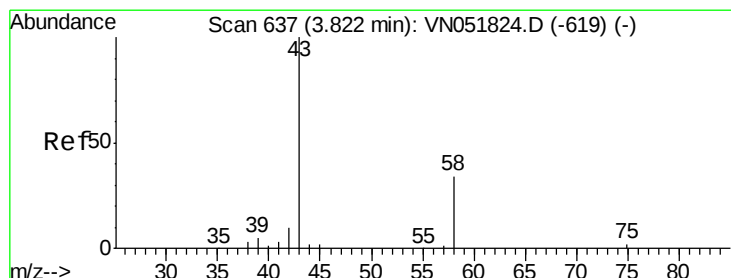
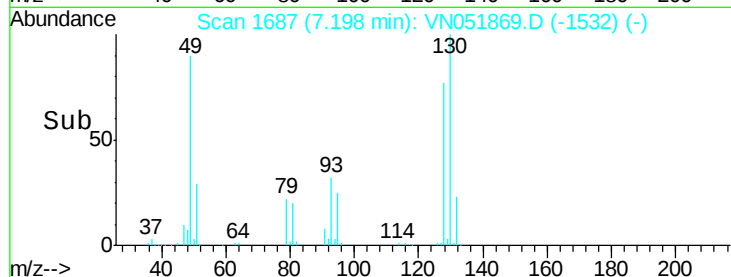
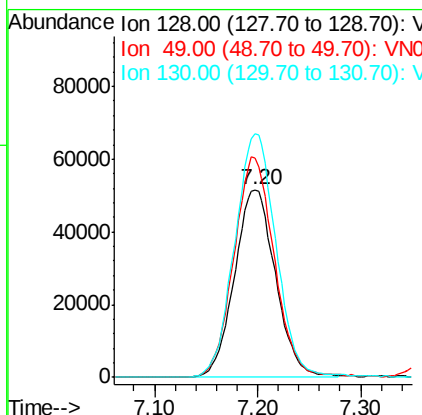
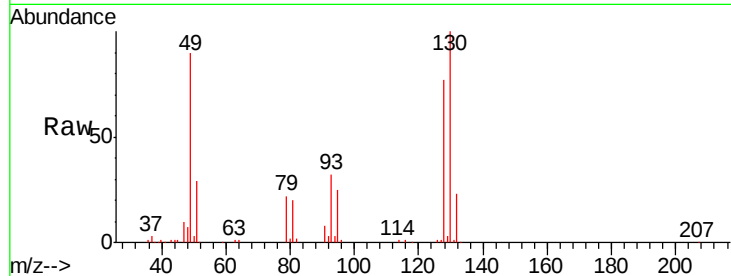
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN051869.D
Acq: 15 Oct 2018 13:08

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-AUG

Tgt Ion	Ratio	Lower	Upper
128	100		
49	115.7	0.0	403.3
130	130.3	0.0	326.0

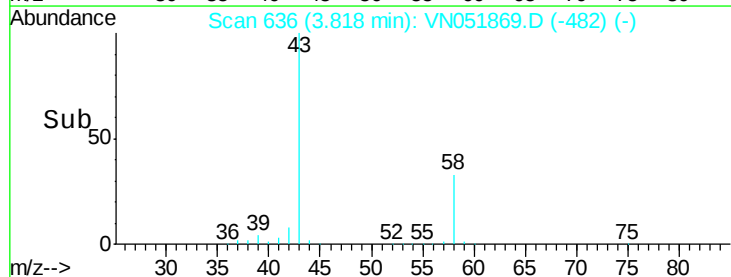
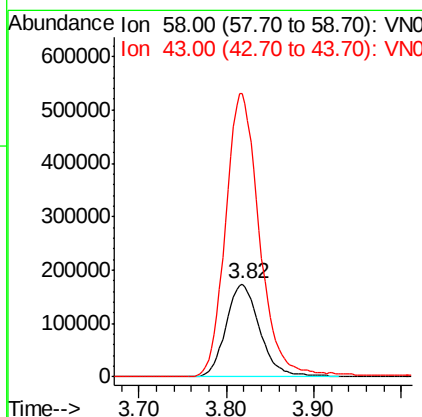
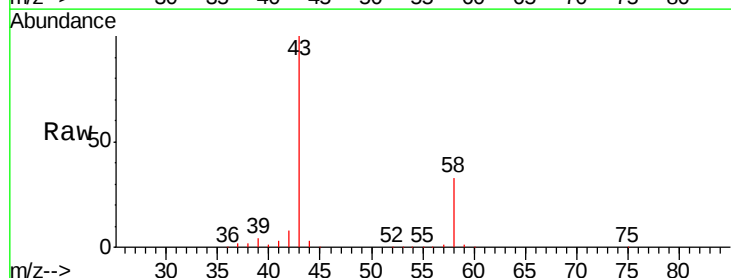
Manual Integrations
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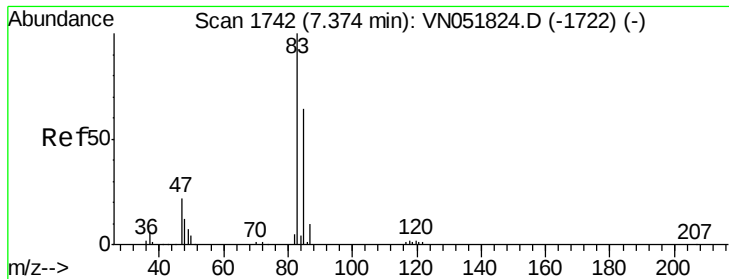
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#15
Acetone
Concen: 1037.27 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN051869.D
Acq: 15 Oct 2018 13:08

Tgt Ion	Ratio	Lower	Upper
58	100		
43	304.4	232.2	348.2





#25

Chloroform

Concen: 12.05 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051869.D

Acq: 15 Oct 2018 13:08

Instrument :

MSVOA_N

ClientSampleId :

002M-35TH-AVE-AUG

Tgt Ion: 83 Resp: 173513

Ion Ratio Lower Upper

83 100

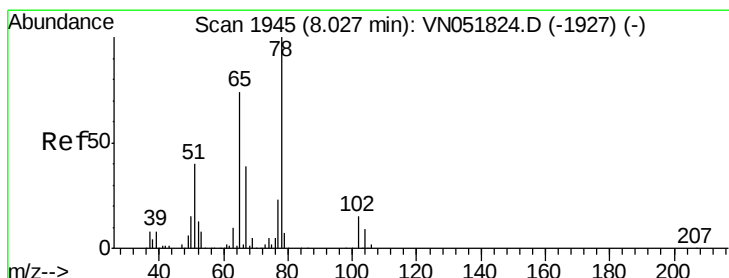
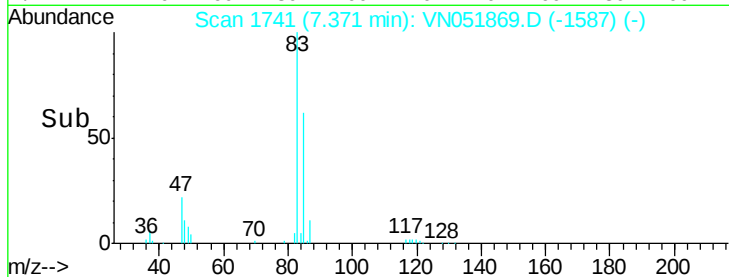
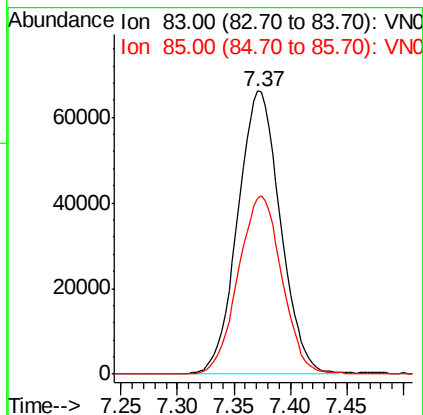
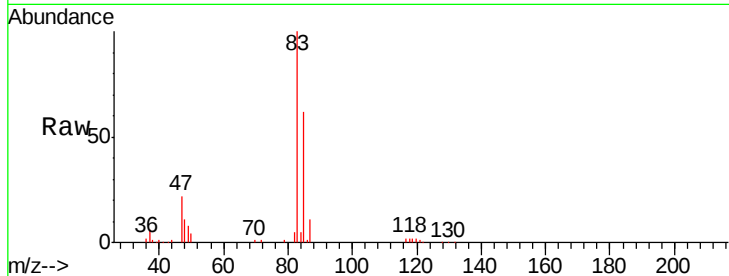
85 62.3 54.6 82.0

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#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051869.D

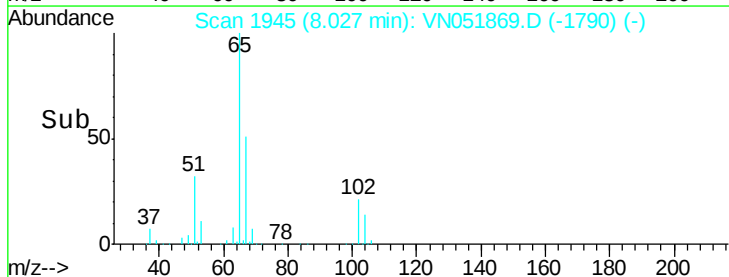
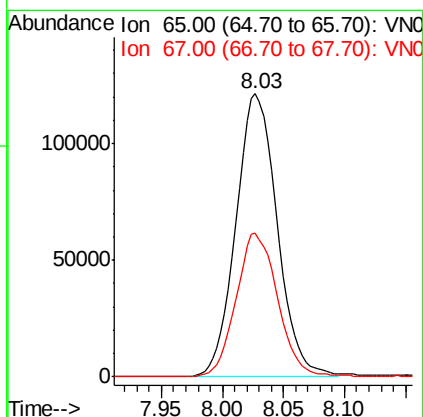
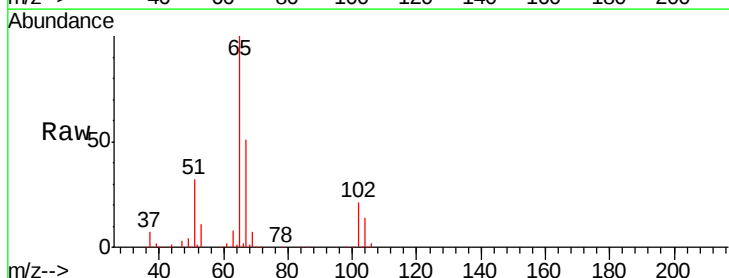
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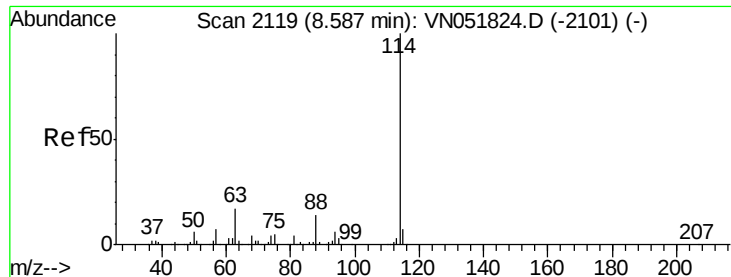
Tgt Ion: 65 Resp: 284369

Ion Ratio Lower Upper

65 100

67 50.9 41.8 62.8





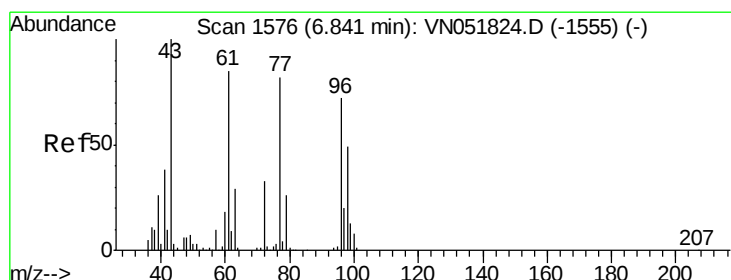
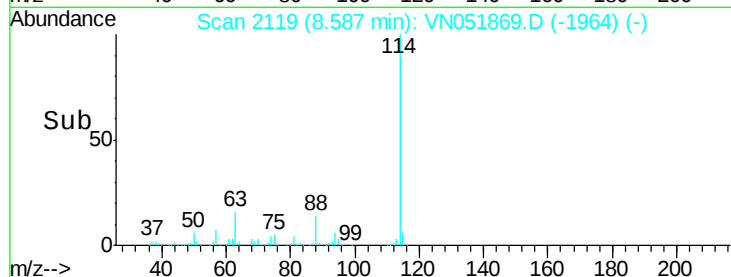
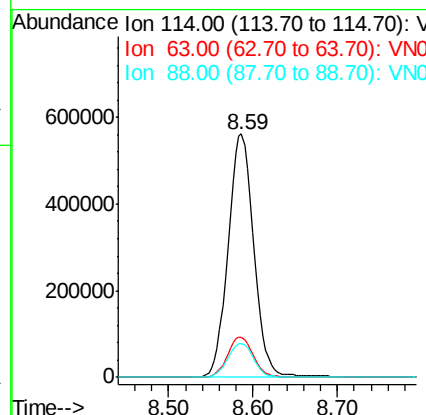
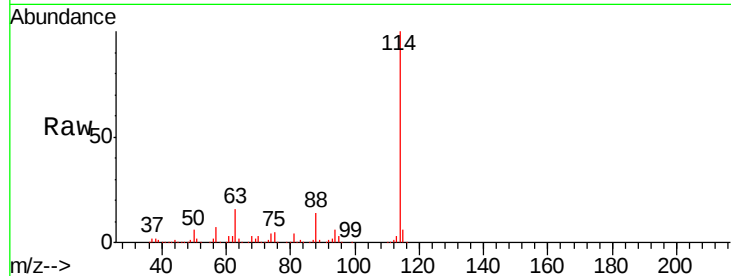
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051869.D
 Acq: 15 Oct 2018 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-AUG

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.6	16.2	24.2
88	14.3	12.2	18.4

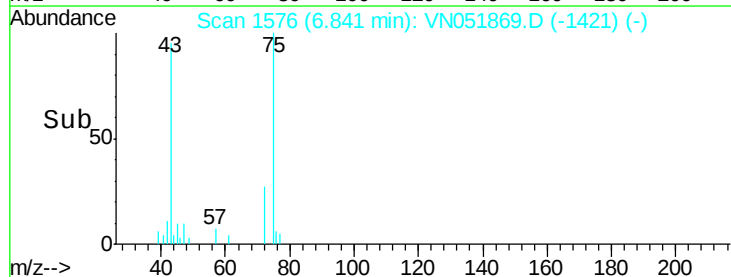
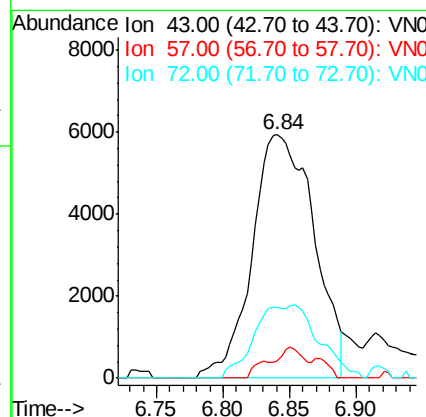
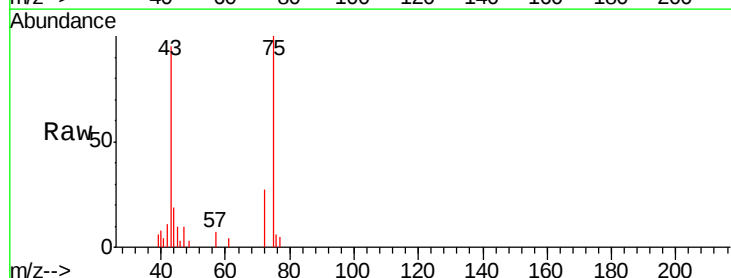
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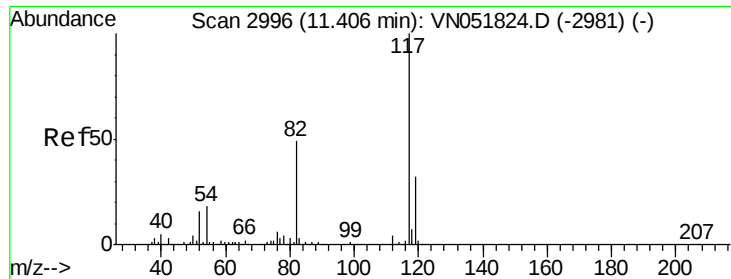
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#30
 2-Butanone
 Concen: 5.98 ug/l m
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN051869.D
 Acq: 15 Oct 2018 13:08

Tgt Ion	Ratio	Lower	Upper
43	100		
57	2.1	4.5	6.7#
72	14.2	21.5	32.3#





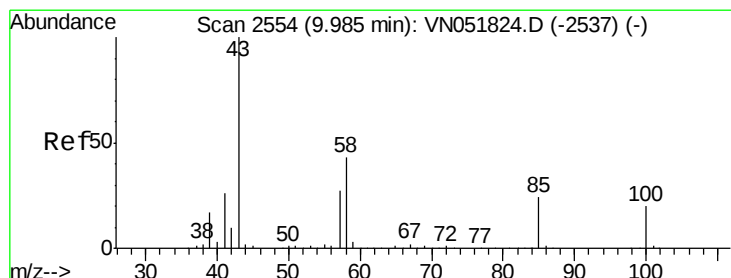
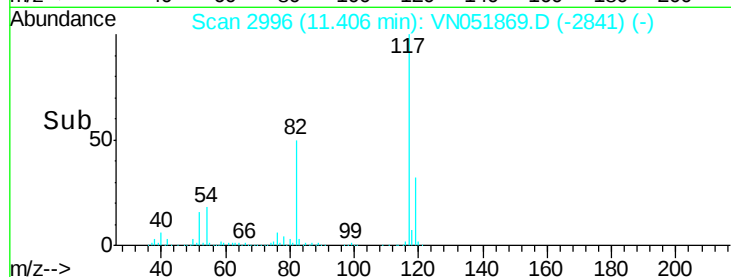
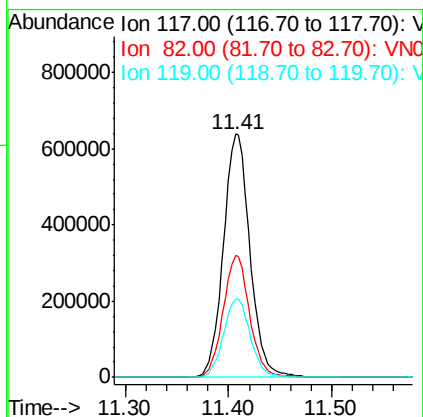
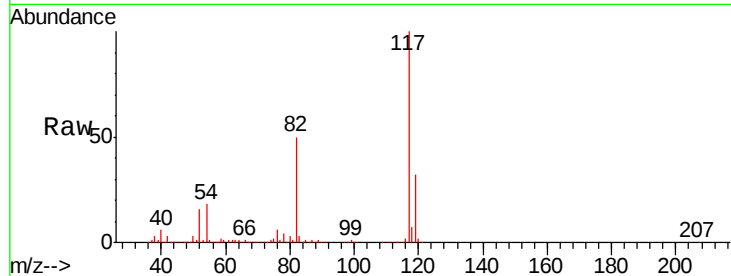
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051869.D
Acq: 15 Oct 2018 13:08

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-AUG

Tgt Ion: 117 Resp: 1142627
Ion Ratio Lower Upper
117 100
82 50.0 44.1 66.1
119 32.8 25.8 38.8

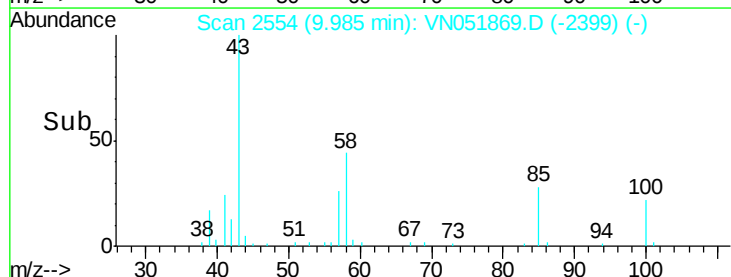
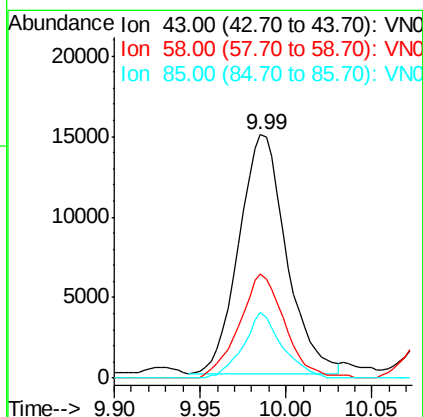
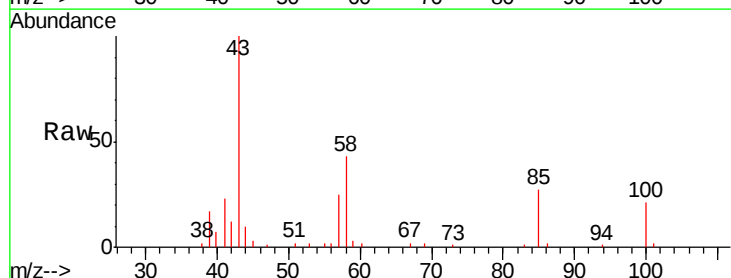
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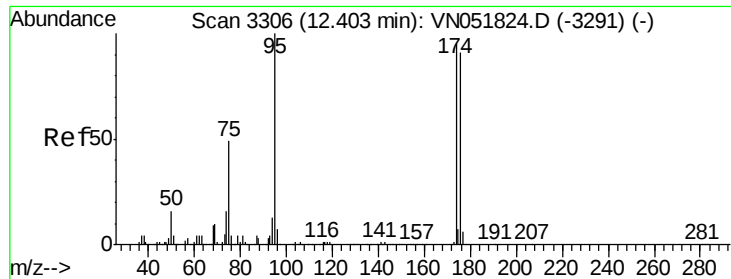
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#58
4-Methyl-2-Pentanone
Concen: 3.71 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051869.D
Acq: 15 Oct 2018 13:08

Tgt Ion: 43 Resp: 28383
Ion Ratio Lower Upper
43 100
58 41.5 29.3 43.9
85 22.5 12.6 18.8#





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051869.D

Acq: 15 Oct 2018 13:08

Instrument :

MSVOA_N

ClientSampleId :

002M-35TH-AVE-AUG

Tgt Ion: 95 Resp: 445876

Ion Ratio Lower Upper

95 100

174 94.4 73.5 110.3

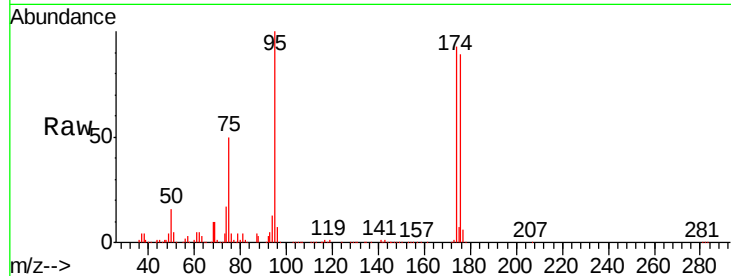
176 91.7 70.2 105.2

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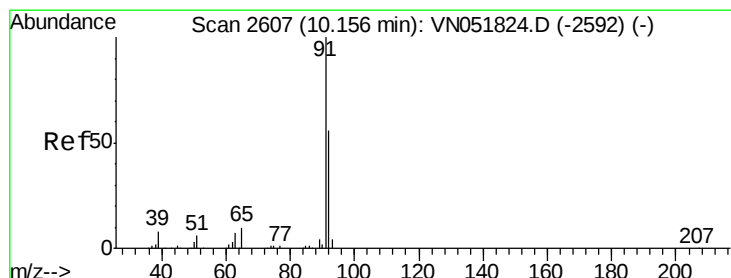
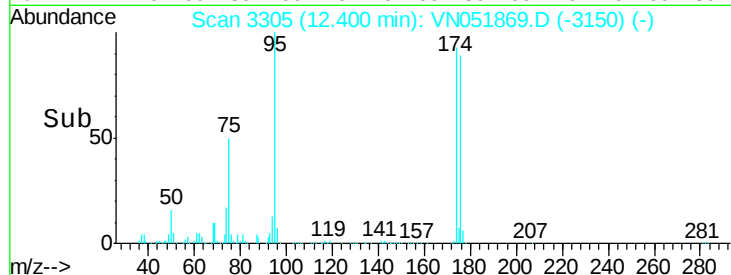
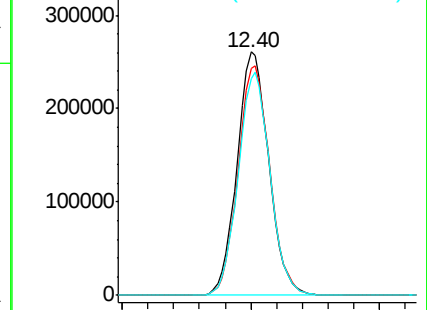
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Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN0

Ion 176.00 (175.70 to 176.70): VN0



#62

Toluene

Concen: 229.32 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051869.D

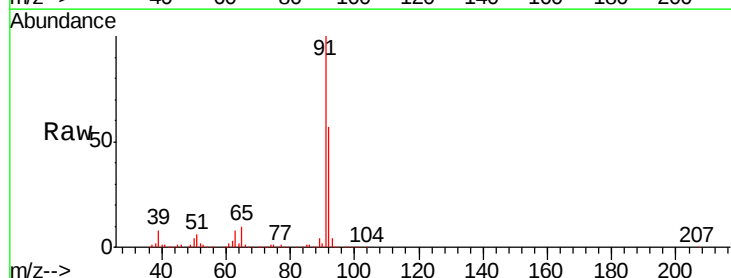
Acq: 15 Oct 2018 13:08

Tgt Ion: 91 Resp: 13017199

Ion Ratio Lower Upper

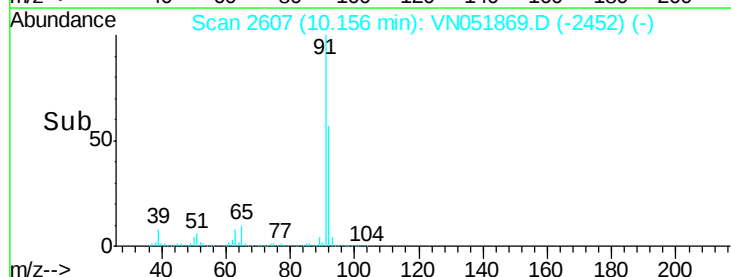
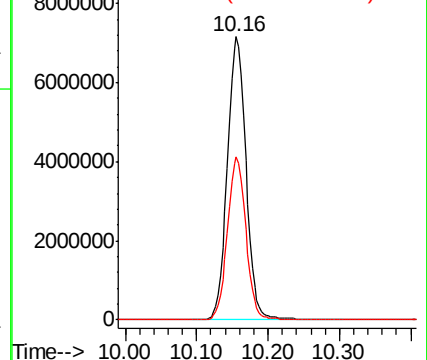
91 100

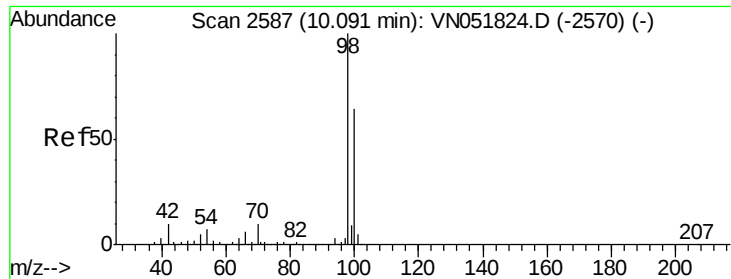
92 57.2 44.6 66.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





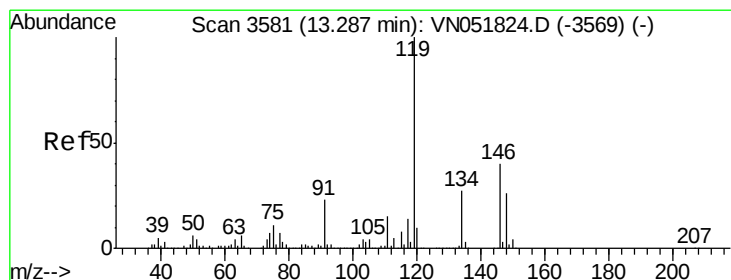
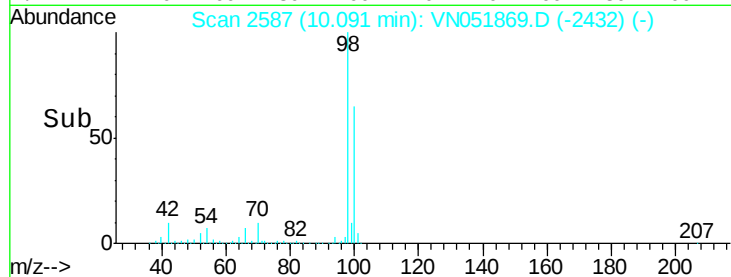
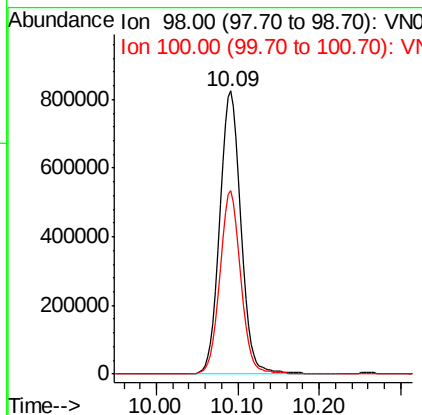
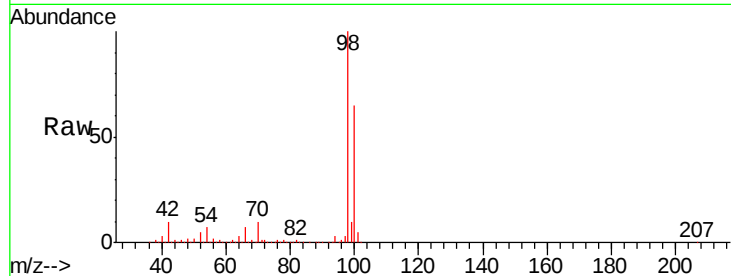
#63
Toluene-d8
Concen: 229.32 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051869.D
Acq: 15 Oct 2018 13:08

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE-AUG

Tgt Ion: 98 Resp: 1526257
Ion Ratio Lower Upper
98 100
100 63.7 50.8 76.2

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#82
p-Isopropyltoluene
Concen: 6.08 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN051869.D
Acq: 15 Oct 2018 13:08

Tgt Ion: 119 Resp: 361754
Ion Ratio Lower Upper
119 100
134 27.1 0.0 53.6
91 23.1 0.0 52.0

