

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050928.D
 Acq On : 28 Aug 2018 21:31
 Operator : MD\SY
 Sample : J4274-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-082718

Quant Time: Aug 29 06:55:42 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	602000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	983564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	829280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	291992	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	396923	54.77	ug/l	0.00
Spiked Amount			Recovery	=	109.54%	
35) Dibromofluoromethane	7.59	113	370159	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
50) Toluene-d8	10.09	98	1336623	45.69	ug/l	0.00
Spiked Amount			Recovery	=	91.38%	
62) 4-Bromofluorobenzene	12.40	95	354849	36.50	ug/l	0.00
Spiked Amount			Recovery	=	73.00%	

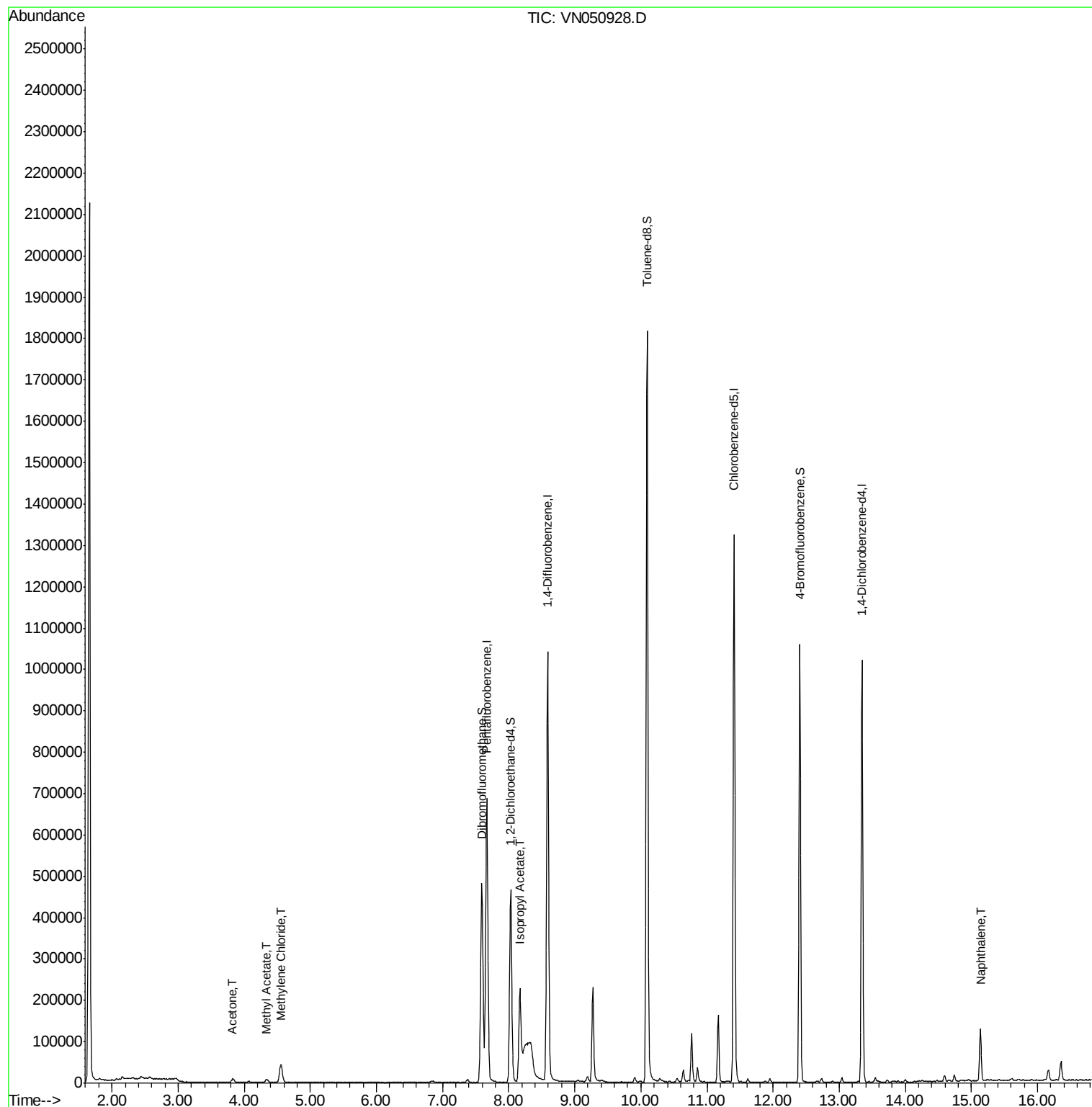
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	17048	2.95	ug/l	94
18) Methyl Acetate	4.33	43	15031	2.20	ug/l	92
20) Methylene Chloride	4.56	84	34801	4.26	ug/l	96
43) Isopropyl Acetate	8.17	43	282980	24.69	ug/l	95
95) Naphthalene	15.14	128	109539	13.78	ug/l	99

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050928.D

Acq: 28 Aug 2018 21:31

Instrument :

MSVOA_N

ClientSampleId :

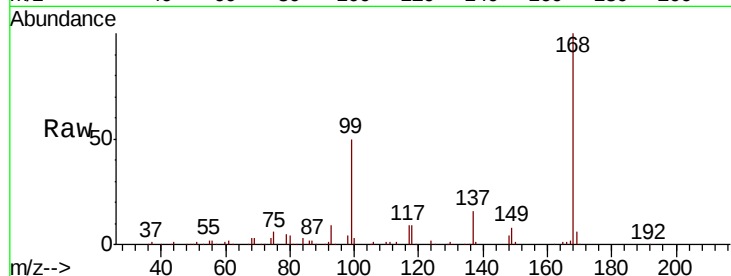
HD-01-082718

Tot Ion:168 Resp: 602000

Ion Ratio Lower Upper

168 100

99 50.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

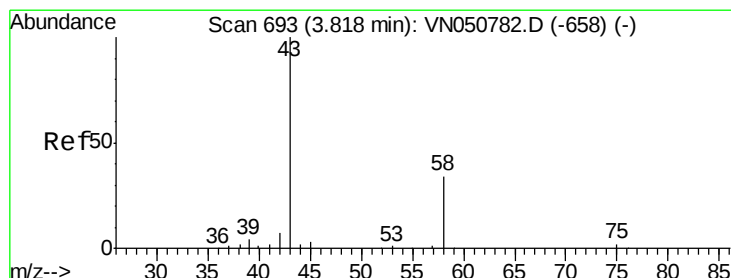
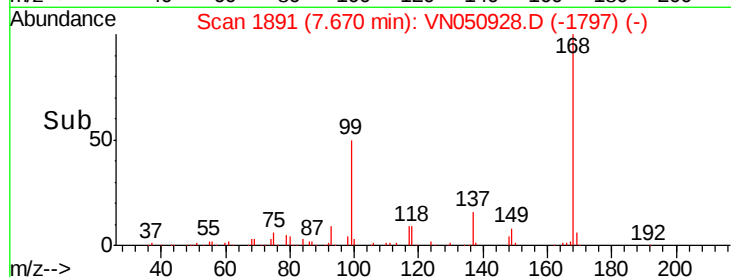
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.95 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050928.D

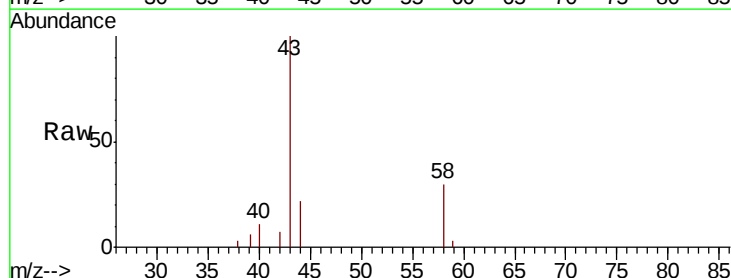
Acq: 28 Aug 2018 21:31

Tgt Ion: 43 Resp: 17048

Ion Ratio Lower Upper

43 100

58 30.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

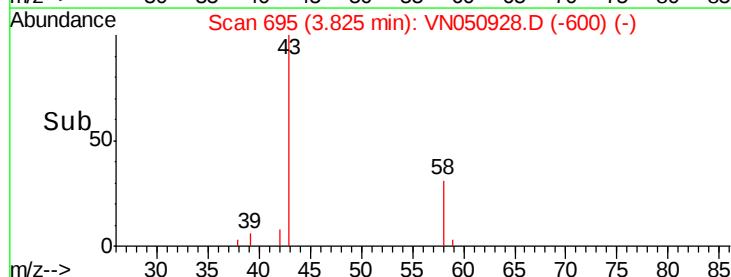
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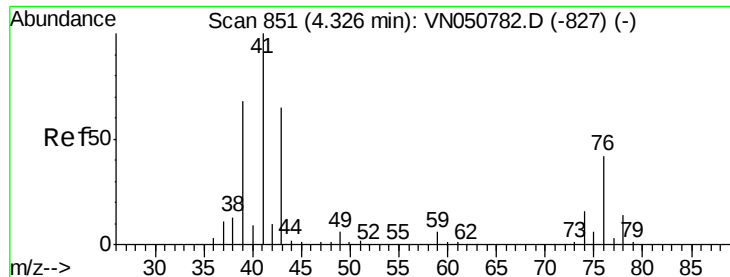
4000

2000

0

Time-->

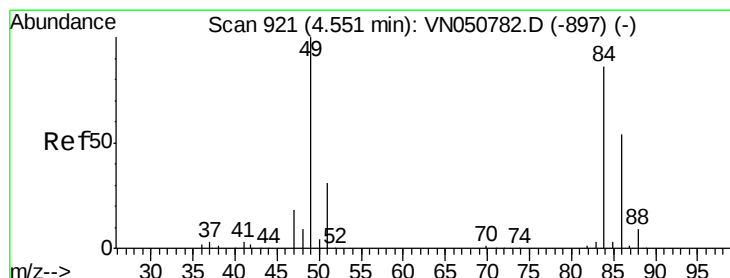
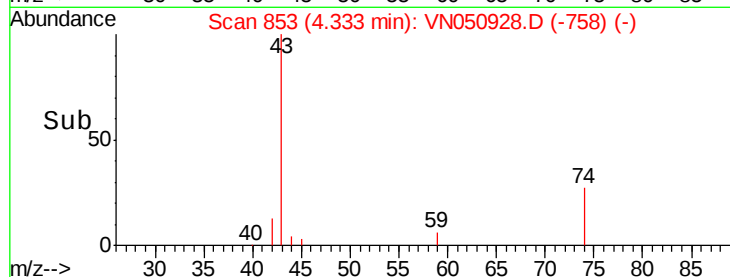
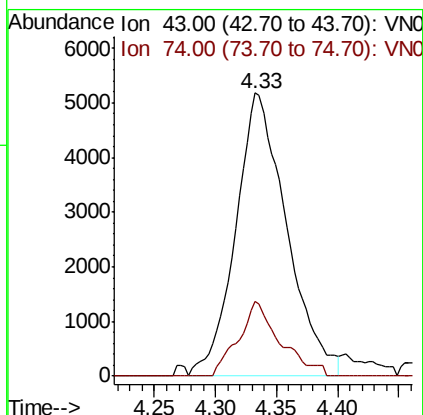
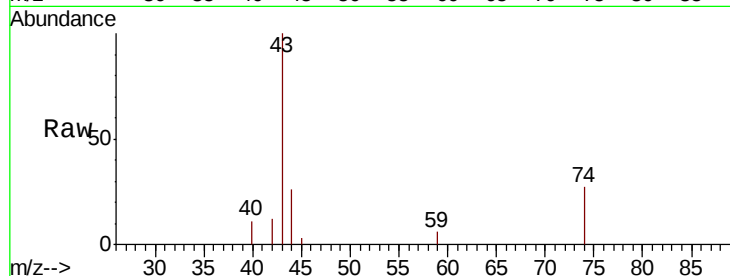




#18
Methyl Acetate
Concen: 2.20 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050928.D
Acq: 28 Aug 2018 21:31

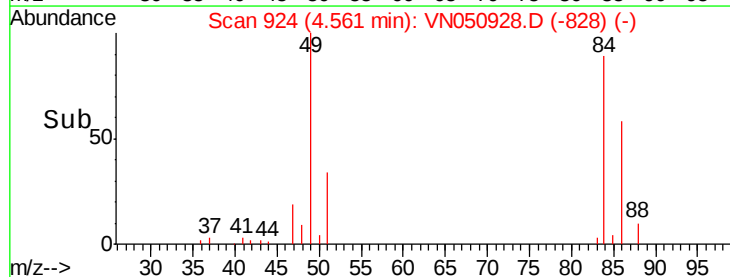
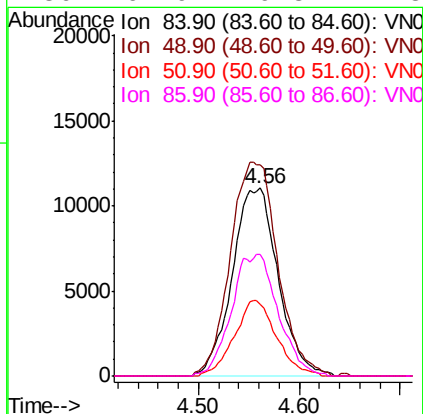
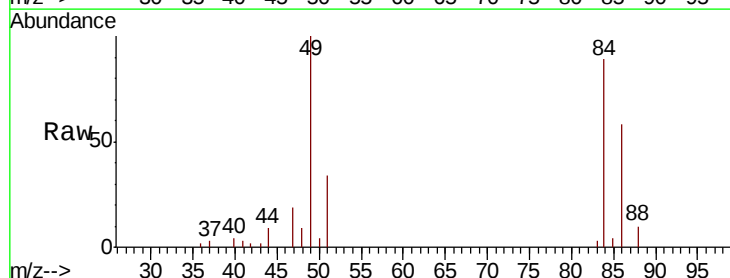
Instrument :
MSVOA_N
ClientSampleId :
HD-01-082718

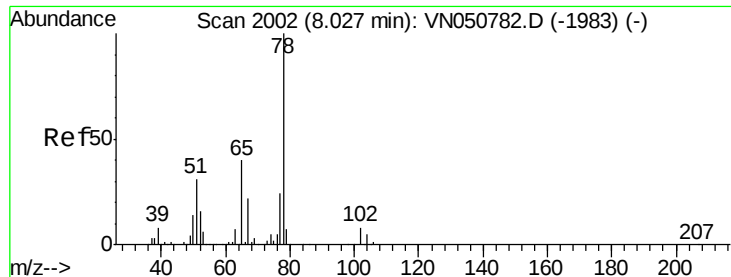
Tot Ion: 43 Resp: 15031
Ion Ratio Lower Upper
43 100
74 20.7 19.8 29.8



#20
Methylene Chloride
Concen: 4.26 ug/l
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN050928.D
Acq: 28 Aug 2018 21:31

Tgt Ion: 84 Resp: 34801
Ion Ratio Lower Upper
84 100
49 112.4 93.2 139.8
51 38.4 29.0 43.6
86 64.9 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 54.77 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050928.D

Acq: 28 Aug 2018 21:31

Instrument :

MSVOA_N

ClientSampleId :

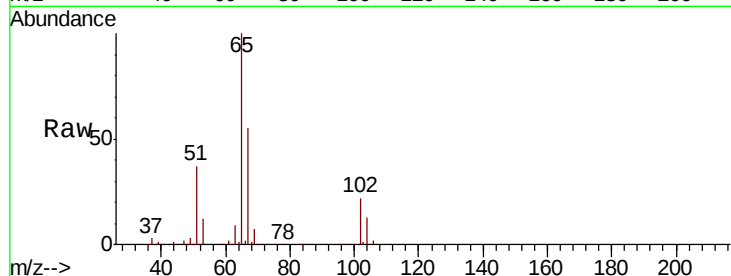
HD-01-082718

Tot Ion: 65 Resp: 396923

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

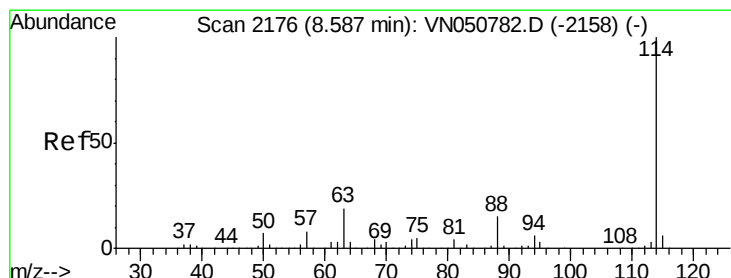
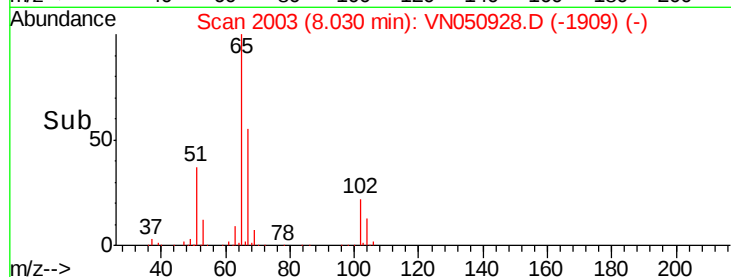
150000

100000

50000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050928.D

Acq: 28 Aug 2018 21:31

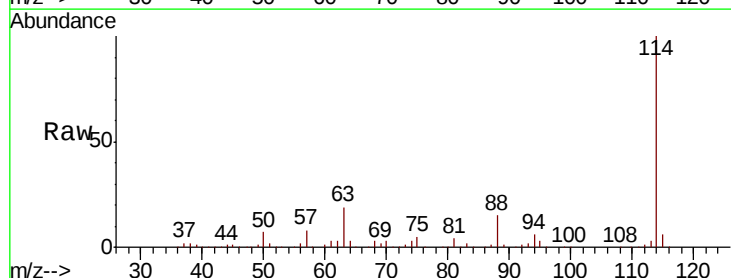
Tgt Ion: 114 Resp: 983564

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

600000

500000

400000

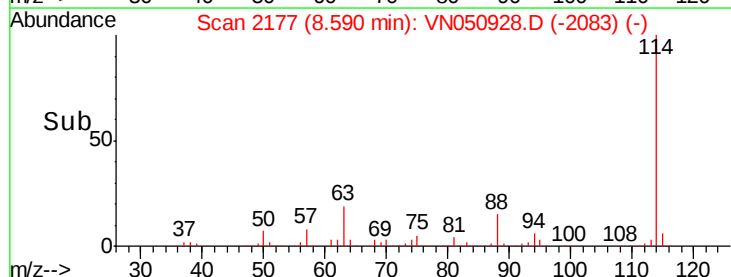
300000

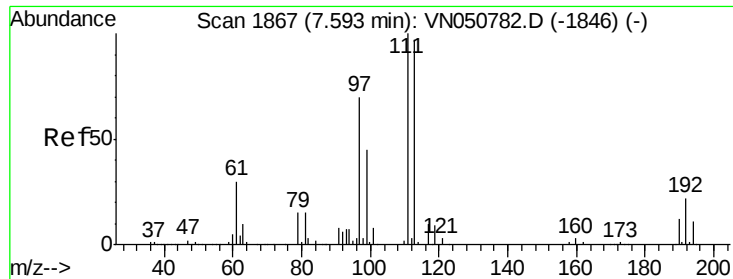
200000

100000

0

Time--> 8.50 8.60 8.70

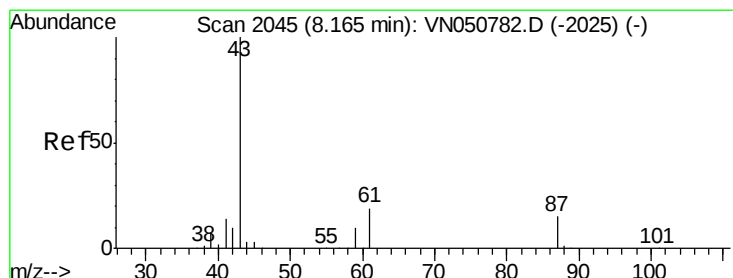
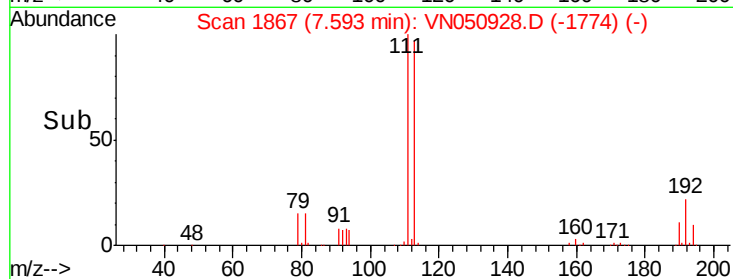
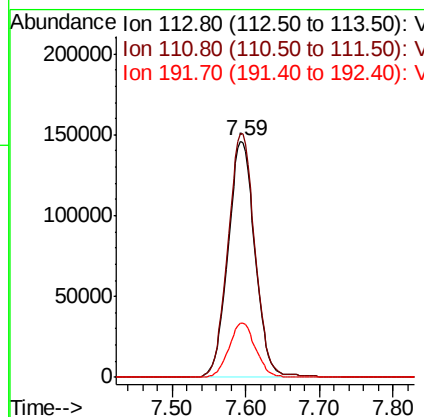
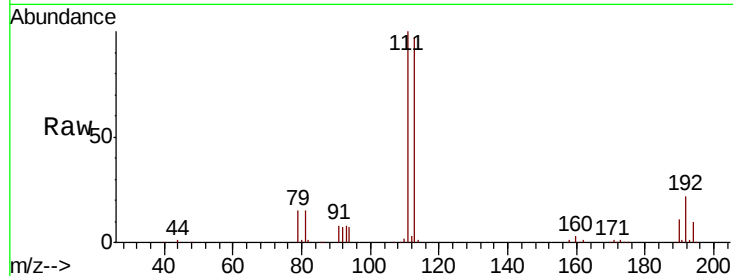




#35
 Dibromofluoromethane
 Concen: 47.31 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050928.D
 Acq: 28 Aug 2018 21:31

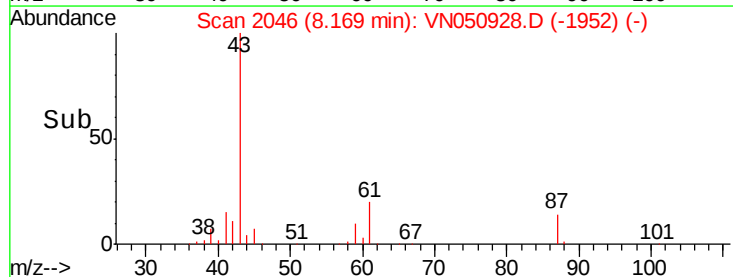
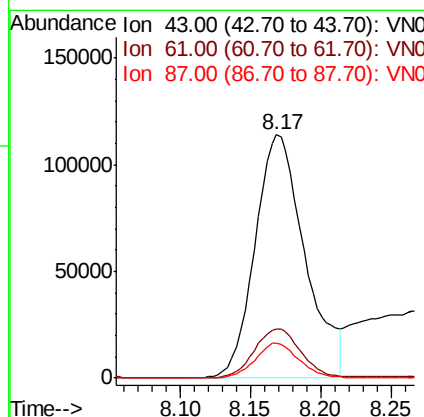
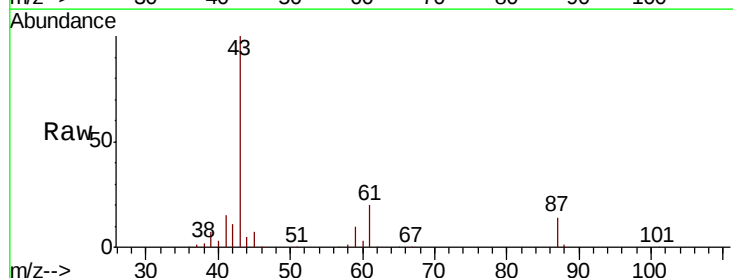
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-082718

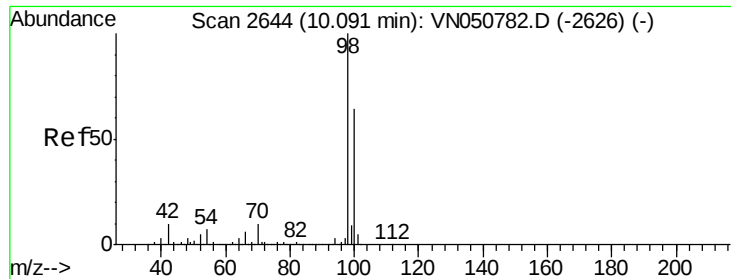
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	22.8	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 24.69 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050928.D
 Acq: 28 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	17.5	26.3
87	12.4	11.3	16.9





#50

Toluene-d8

Concen: 45.69 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050928.D

Acq: 28 Aug 2018 21:31

Instrument :

MSVOA_N

ClientSampleId :

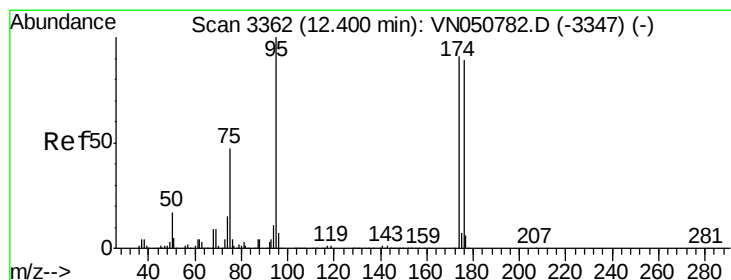
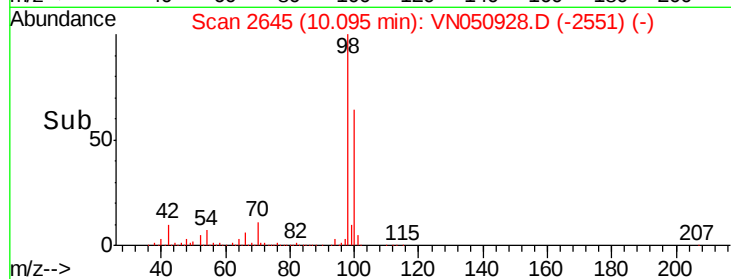
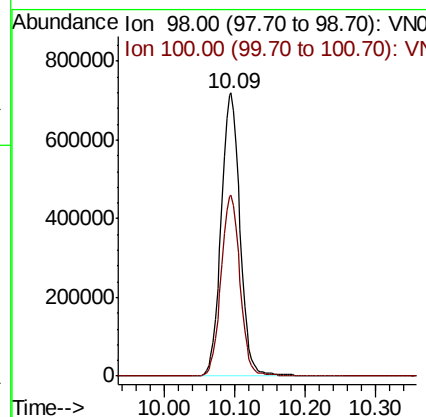
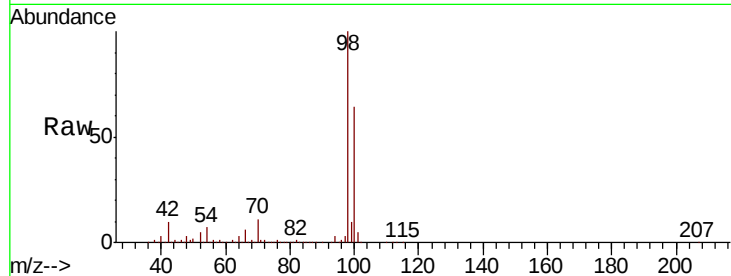
HD-01-082718

Tot Ion: 98 Resp: 1336623

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 36.50 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050928.D

Acq: 28 Aug 2018 21:31

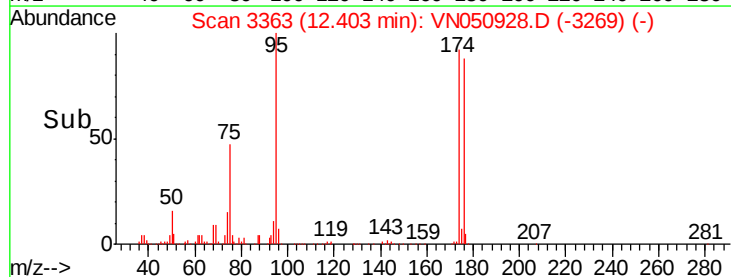
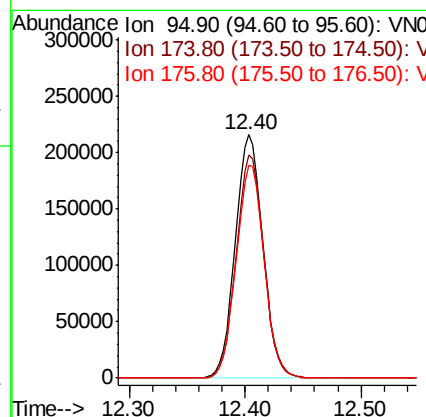
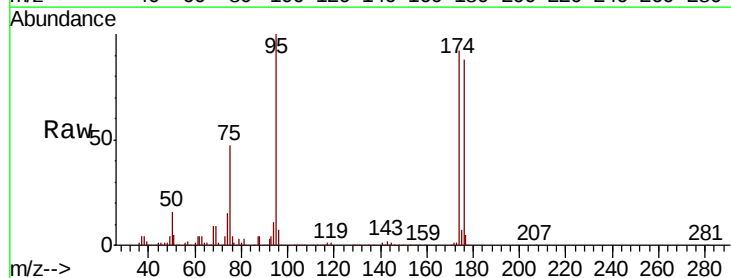
Tgt Ion: 95 Resp: 354849

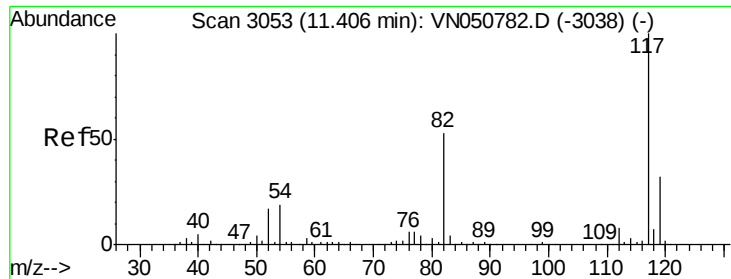
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.0

176 88.6 0.0 178.8

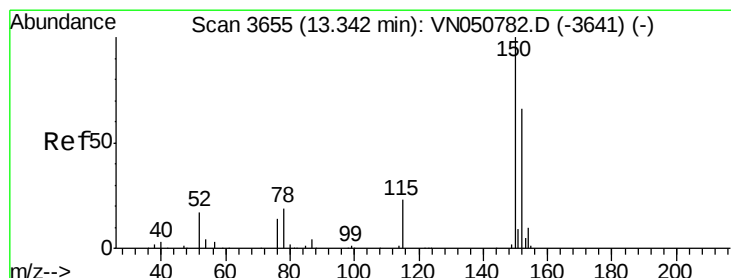
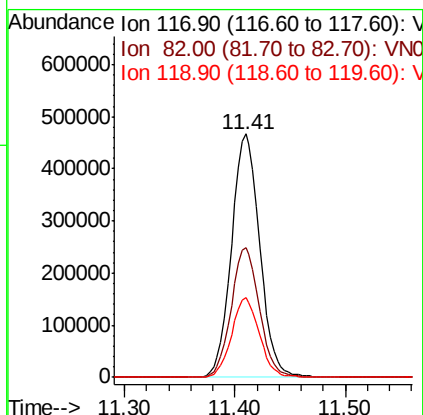
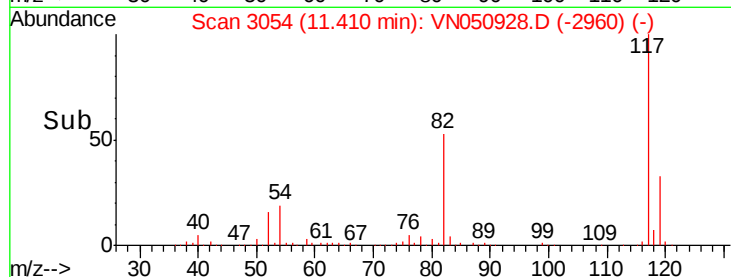
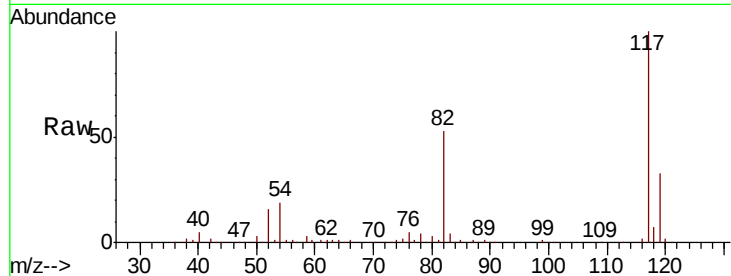




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050928.D
Acq: 28 Aug 2018 21:31

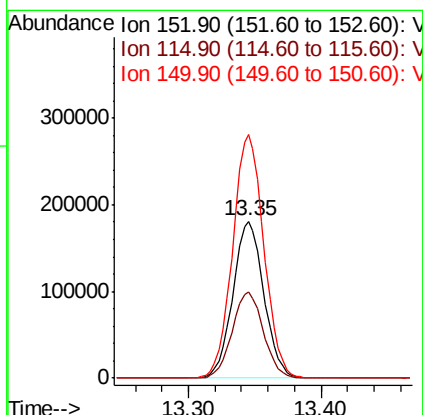
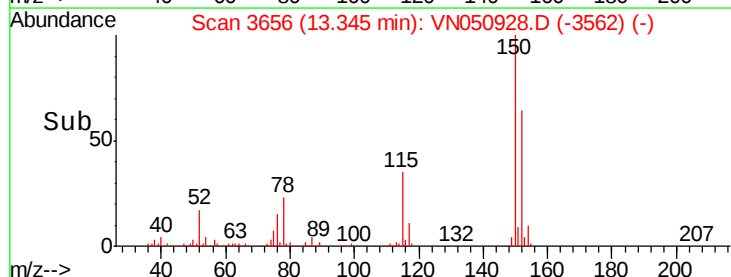
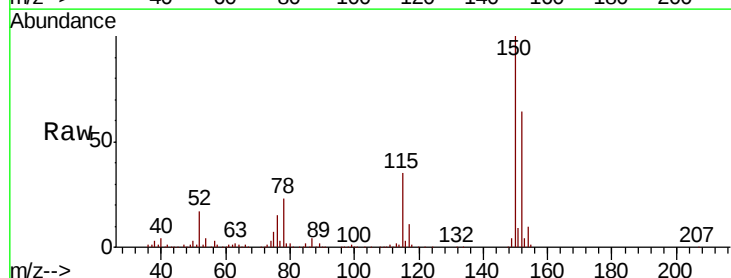
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HD-01-082718

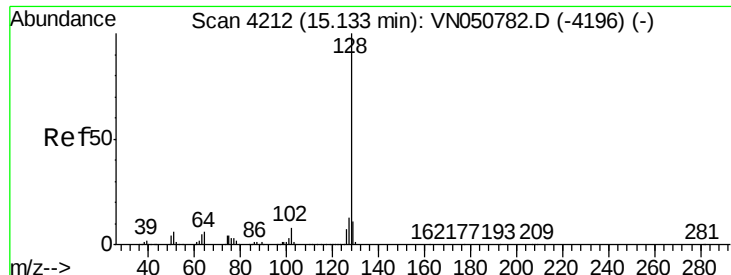
Tot Ion:117 Resp: 829280
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050928.D
Acq: 28 Aug 2018 21:31

Tgt Ion:152 Resp: 291992
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 156.6 0.0 351.4

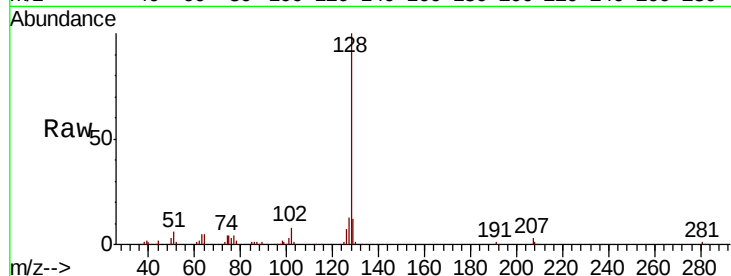




#95
Naphthalene
Concen: 13.78 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050928.D
Acq: 28 Aug 2018 21:31

Instrument :
MSVOA_N
ClientSampleId :
HD-01-082718

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.3	8.7	13.1



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

