

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050931.D
 Acq On : 28 Aug 2018 22:45
 Operator : MD\SY
 Sample : J4277-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-B

Quant Time: Aug 29 07:27:06 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	604152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1001714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	857956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288319	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	400575	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.16%	
35) Dibromofluoromethane	7.59	113	376734	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
50) Toluene-d8	10.09	98	1363687	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	12.40	95	368827	37.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.50%	

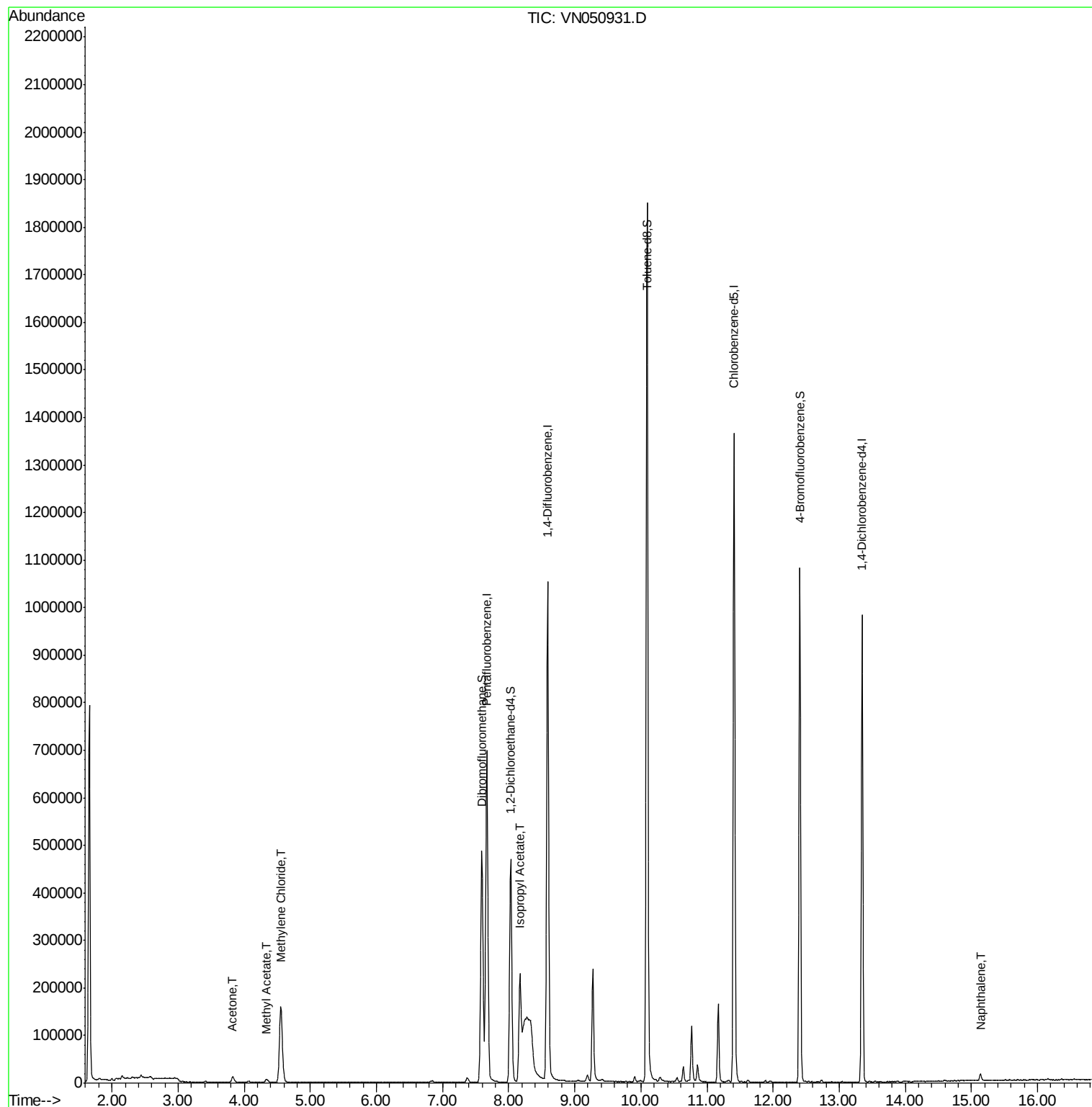
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	20727	5.11	ug/l	93
18) Methyl Acetate	4.34	43	14177	2.06	ug/l	95
20) Methylene Chloride	4.55	84	129896	15.85	ug/l	99
43) Isopropyl Acetate	8.17	43	285067	24.42	ug/l	94
95) Naphthalene	15.14	128	12973	6.40	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

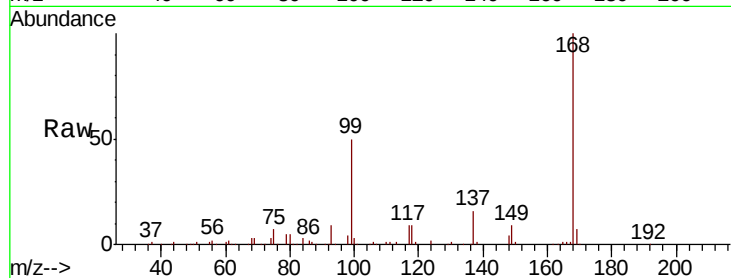
OR-01-082718-B

Tot Ion:168 Resp: 604152

Ion Ratio Lower Upper

168 100

99 50.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

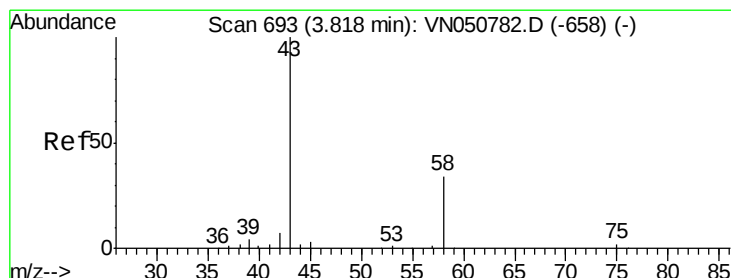
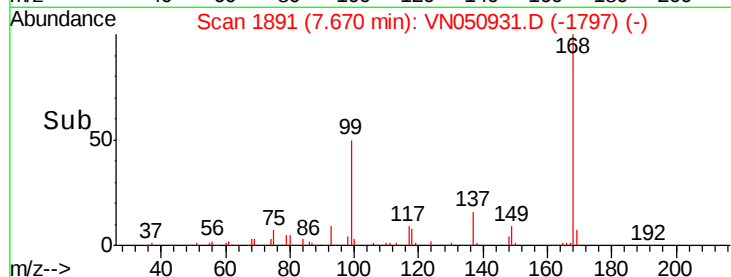
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.11 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050931.D

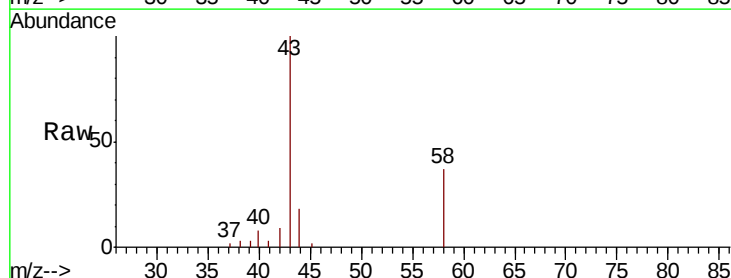
Acq: 28 Aug 2018 22:45

Tgt Ion: 43 Resp: 20727

Ion Ratio Lower Upper

43 100

58 38.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

8000

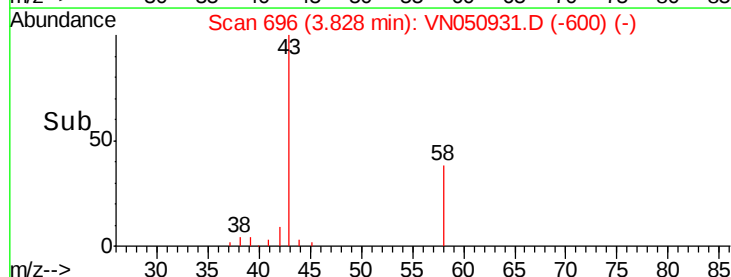
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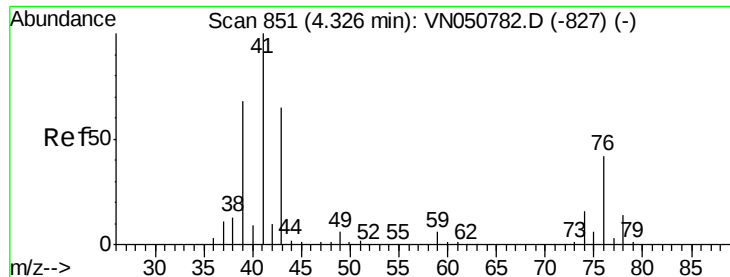
4000

2000

0

Time-->

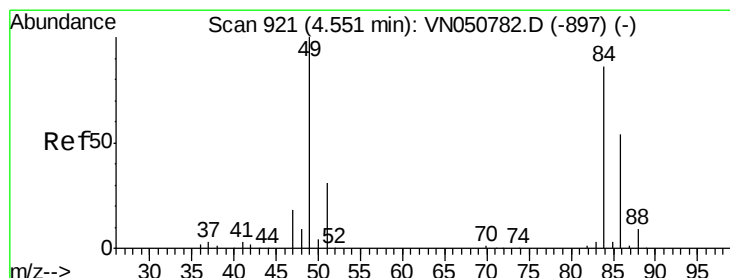
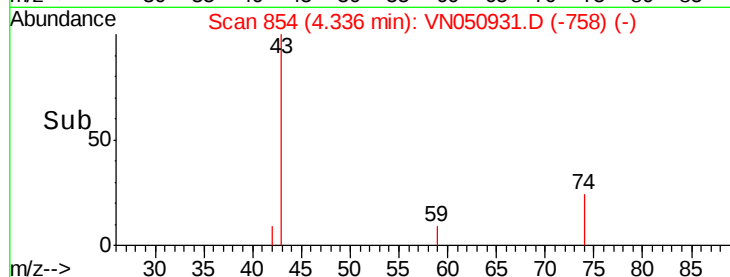
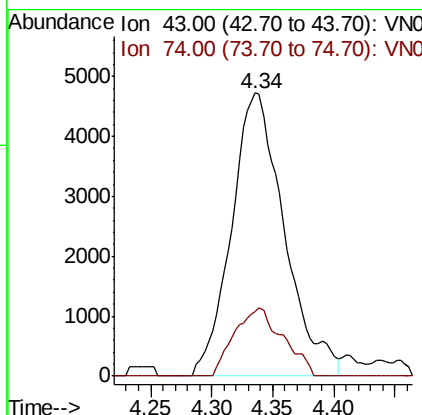
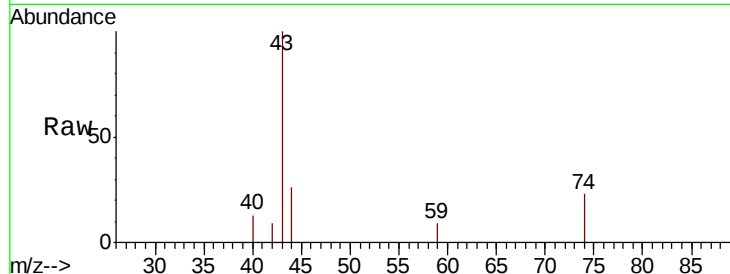




#18
Methyl Acetate
Concen: 2.06 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

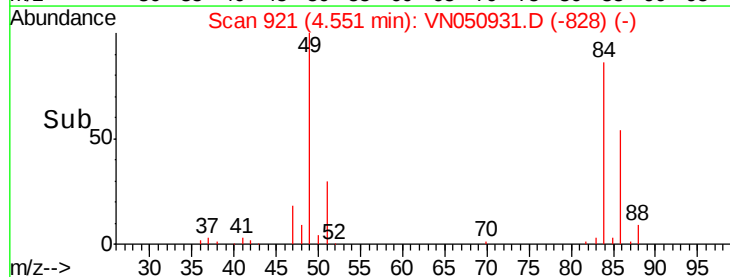
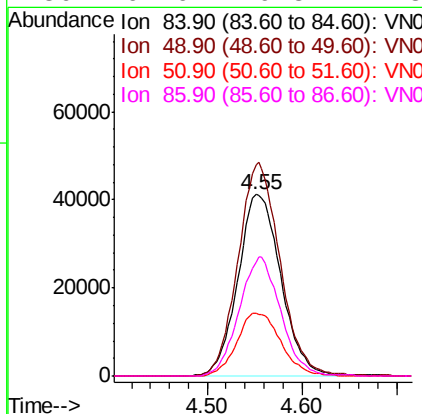
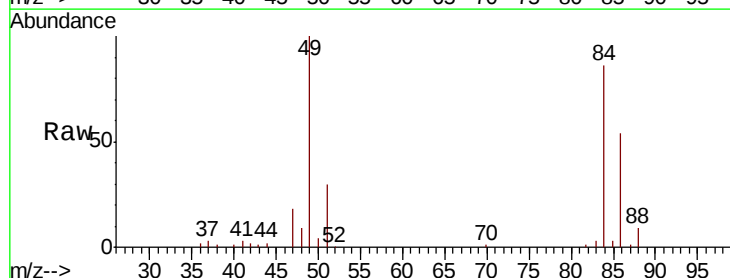
Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-B

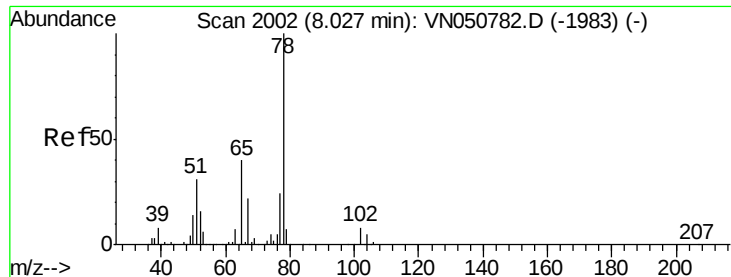
Tot Ion: 43 Resp: 14177
Ion Ratio Lower Upper
43 100
74 22.2 19.8 29.8



#20
Methylene Chloride
Concen: 15.85 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

Tgt Ion: 84 Resp: 129896
Ion Ratio Lower Upper
84 100
49 116.2 93.2 139.8
51 34.6 29.0 43.6
86 62.6 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 55.08 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

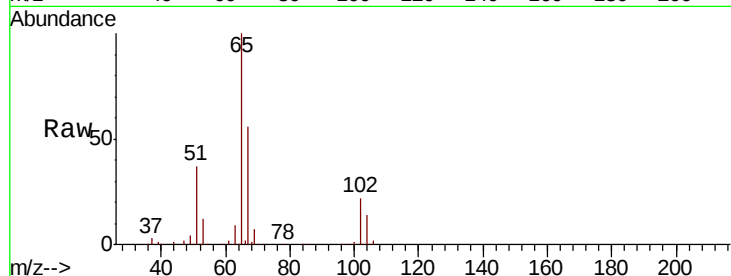
OR-01-082718-B

Tot Ion: 65 Resp: 400575

Ion Ratio Lower Upper

65 100

67 54.9 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

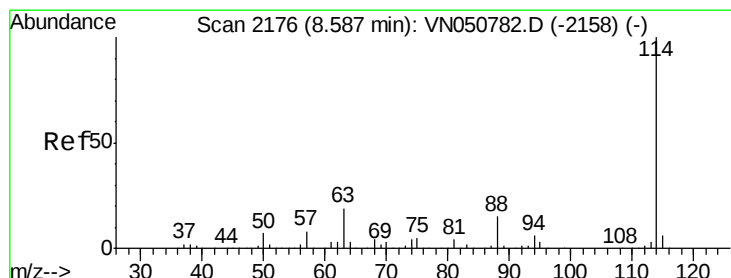
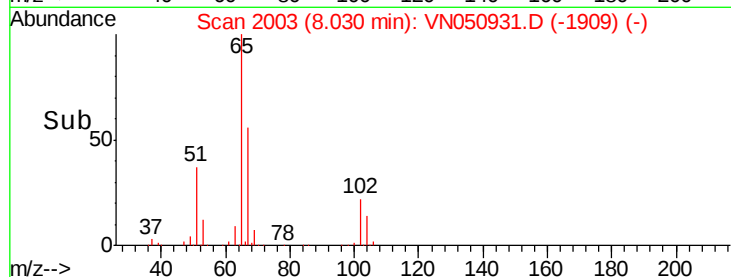
150000

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: VN050931.D

Acq: 28 Aug 2018 22:45

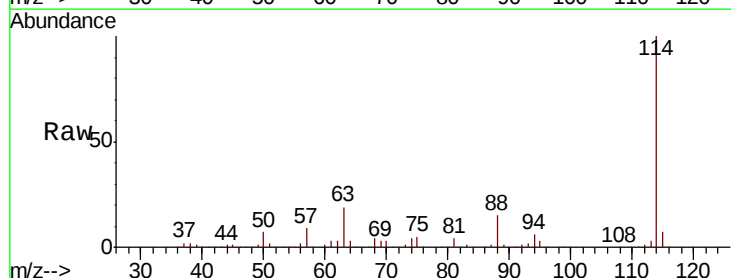
Tgt Ion: 114 Resp: 1001714

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

88 15.4 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

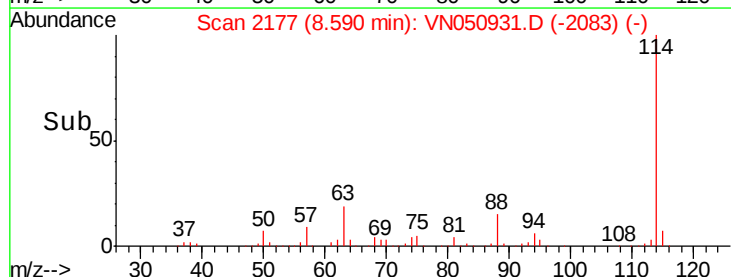
300000

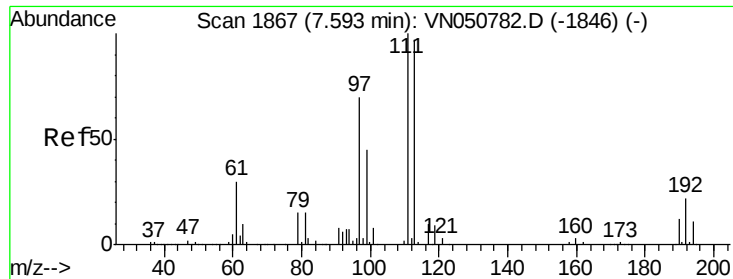
200000

100000

0

Time--> 8.50 8.60 8.70

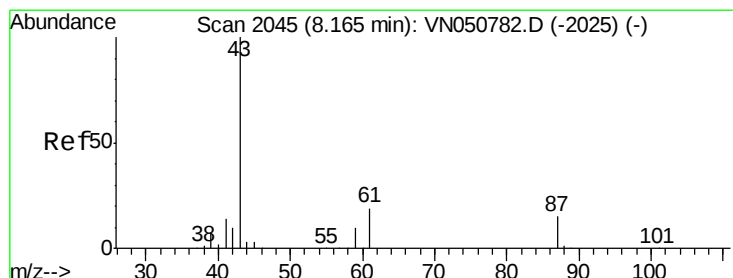
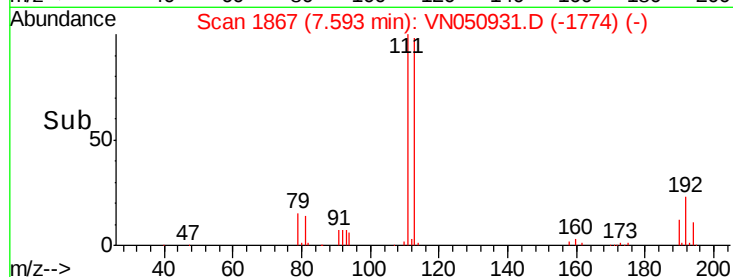
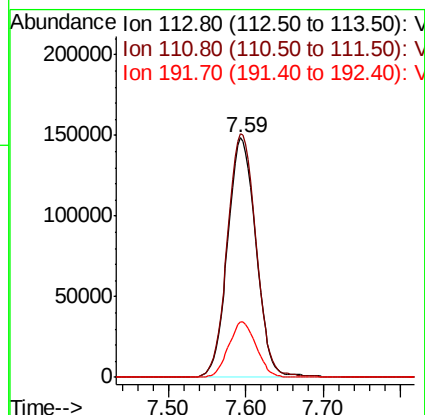
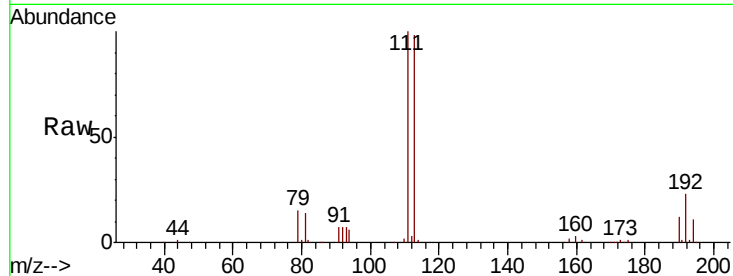




#35
 Dibromofluoromethane
 Concen: 47.27 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050931.D
 Acq: 28 Aug 2018 22:45

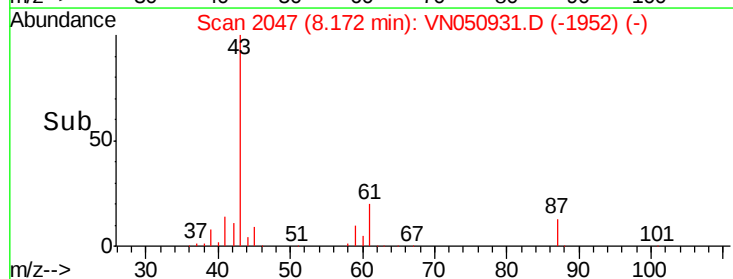
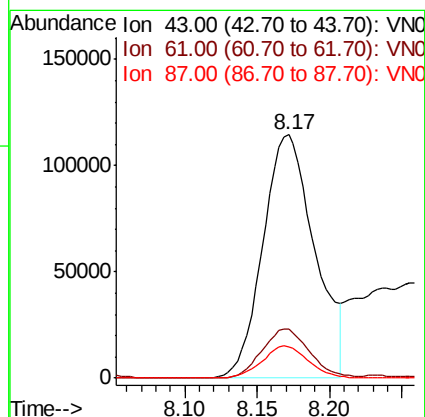
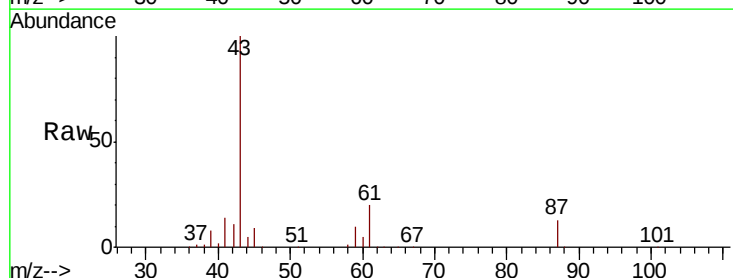
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 MSVOA_N
 ClientSampleId :
 OR-01-082718-B

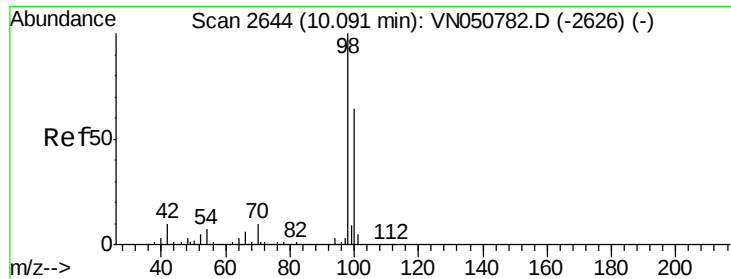
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	22.7	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 24.42 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050931.D
 Acq: 28 Aug 2018 22:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	17.5	26.3
87	11.8	11.3	16.9





#50

Toluene-d8

Concen: 45.77 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

Instrument :

MSVOA_N

ClientSampleId :

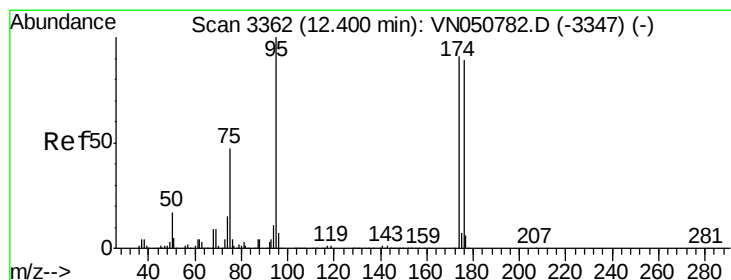
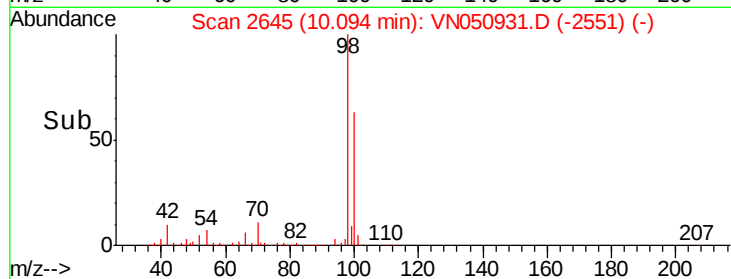
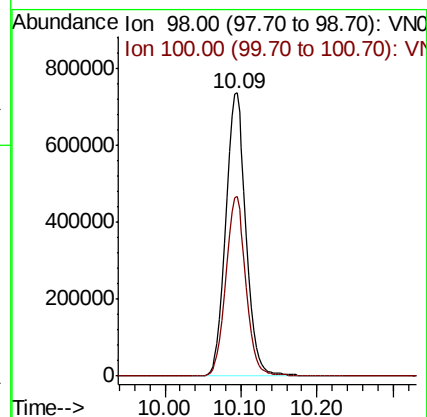
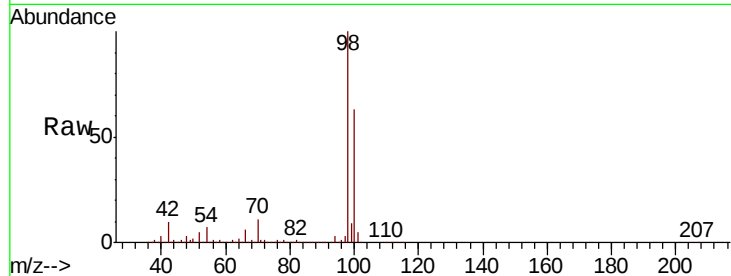
OR-01-082718-B

Tot Ion: 98 Resp: 1363687

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 37.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050931.D

Acq: 28 Aug 2018 22:45

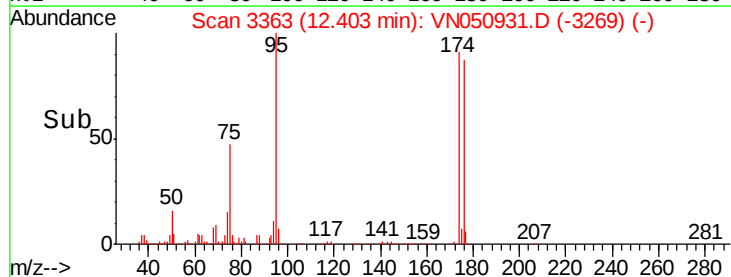
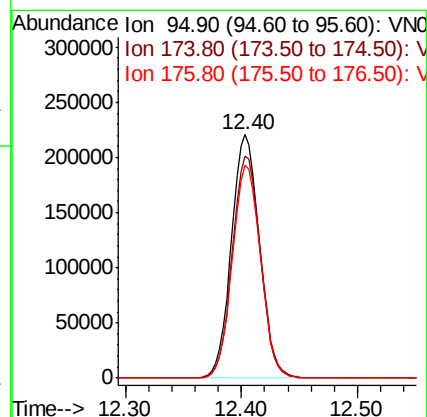
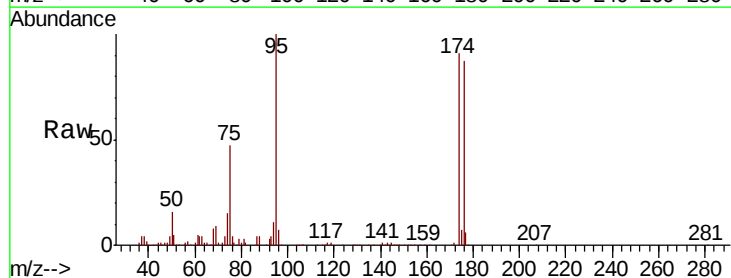
Tgt Ion: 95 Resp: 368827

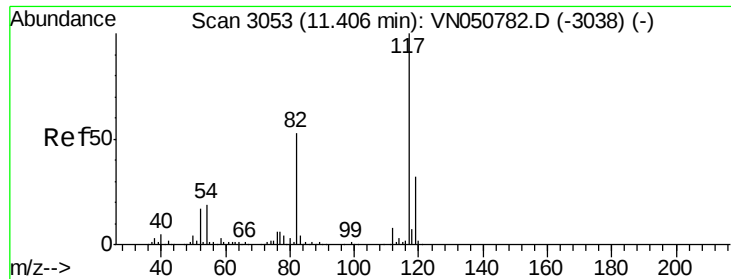
Ion Ratio Lower Upper

95 100

174 92.4 0.0 183.0

176 88.1 0.0 178.8

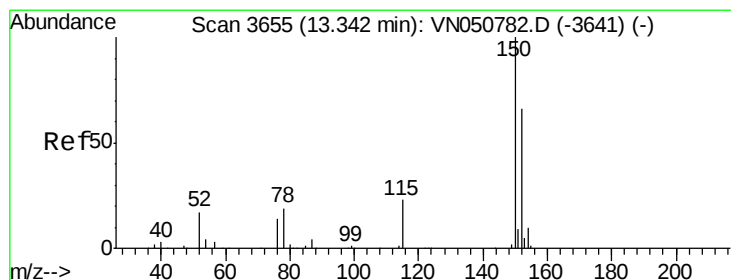
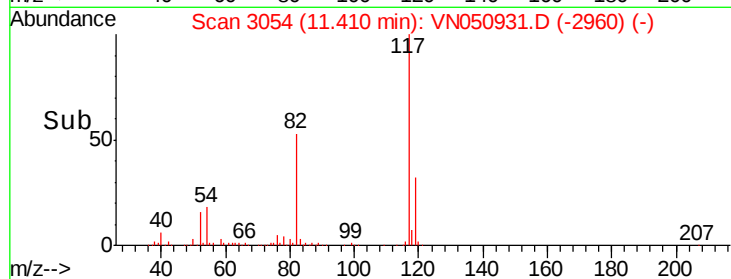
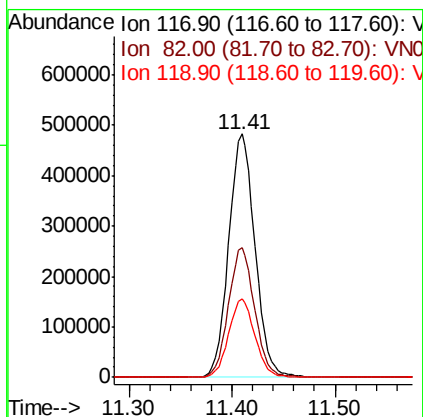
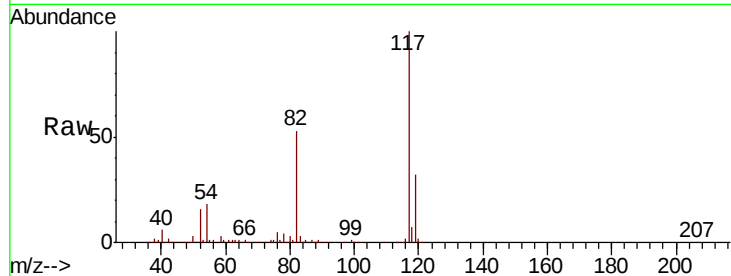




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

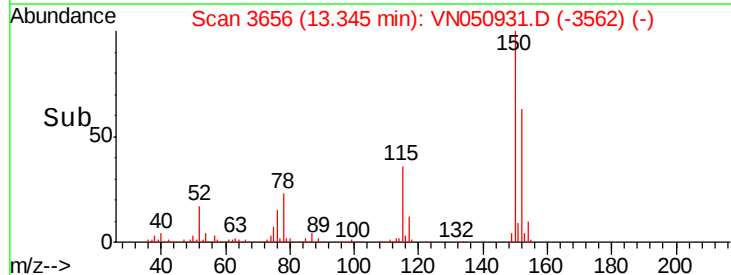
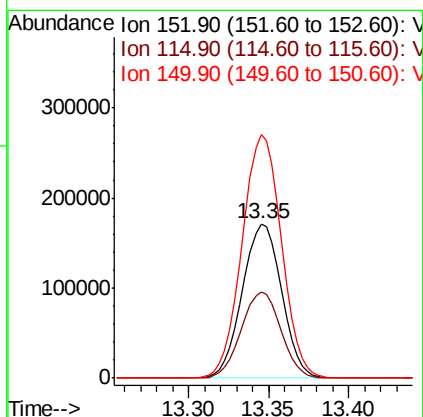
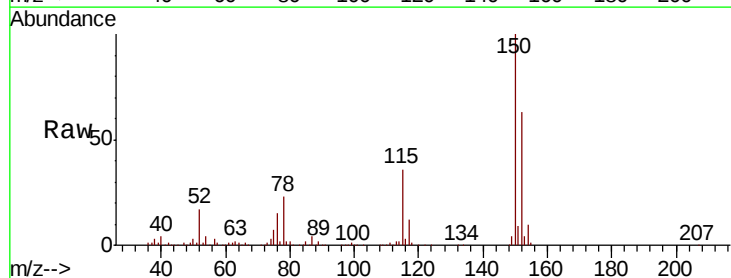
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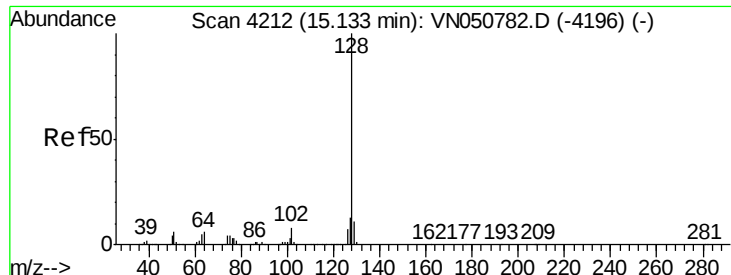
Tot Ion:117 Resp: 857956
Ion Ratio Lower Upper
117 100
82 53.5 42.6 64.0
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

Tgt Ion:152 Resp: 288319
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 157.0 0.0 351.4





#95
Naphthalene
Concen: 6.40 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050931.D
Acq: 28 Aug 2018 22:45

Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.5	15.7
129	11.5	8.7	13.1

