

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050825.D
 Acq On : 22 Aug 2018 17:30
 Operator : MD\SY
 Sample : PB112269ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#07

Quant Time: Aug 23 02:31:01 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	754184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1220615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1032460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410026	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	475129	52.33	ug/l	0.00
Spiked Amount						
			Recovery	=	104.66%	
35) Dibromofluoromethane	7.59	113	450830	46.43	ug/l	0.00
Spiked Amount						
			Recovery	=	92.86%	
50) Toluene-d8	10.09	98	1652483	45.52	ug/l	0.00
Spiked Amount						
			Recovery	=	91.04%	
62) 4-Bromofluorobenzene	12.40	95	486229	40.30	ug/l	0.00
Spiked Amount						
			Recovery	=	80.60%	

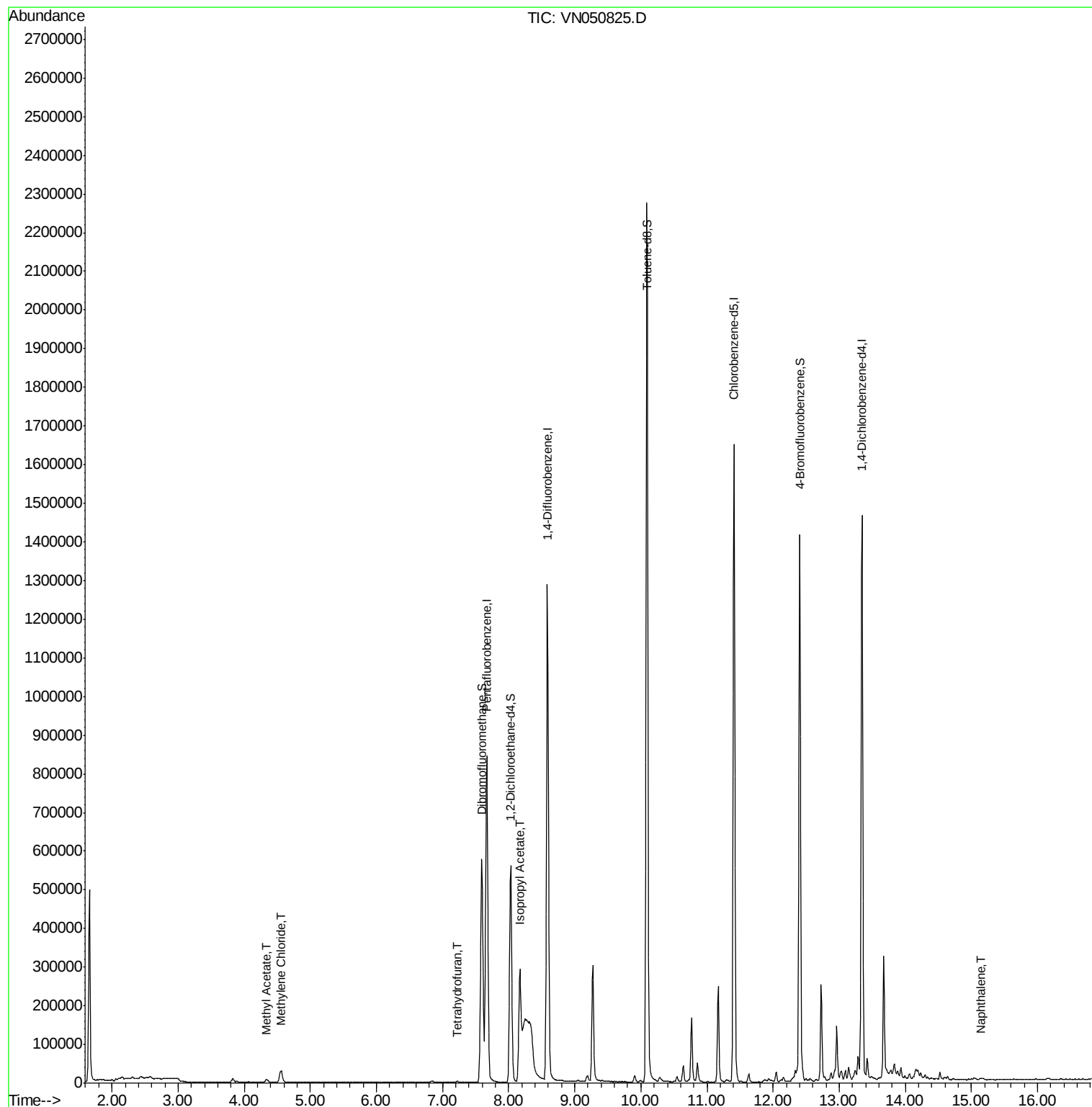
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.33	43	15627	1.82	ug/l	99
20) Methylene Chloride	4.56	84	25156	2.46	ug/l	94
29) Tetrahydrofuran	7.22	42	2474	1.18	ug/l #	76
43) Isopropyl Acetate	8.17	43	392712	27.60	ug/l	92
95) Naphthalene	15.14	128	3962	5.62	ug/l #	94

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

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
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: VN050825.D

Acq: 22 Aug 2018 17:30

Instrument :

MSVOA_N

ClientSampleId :

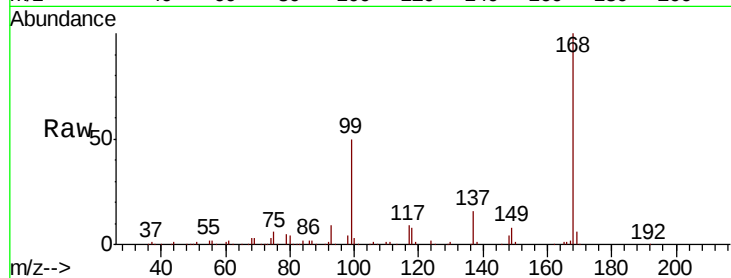
PB112269ZHE#07

Tot Ion:168 Resp: 754184

Ion Ratio Lower Upper

168 100

99 49.9 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

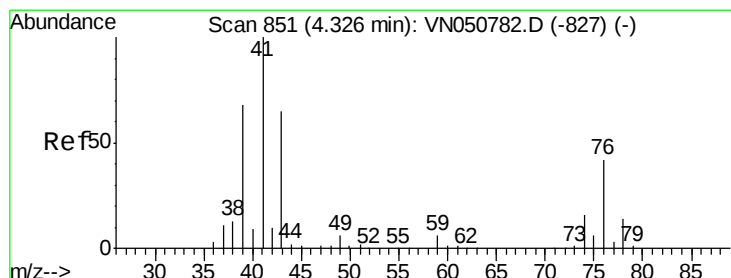
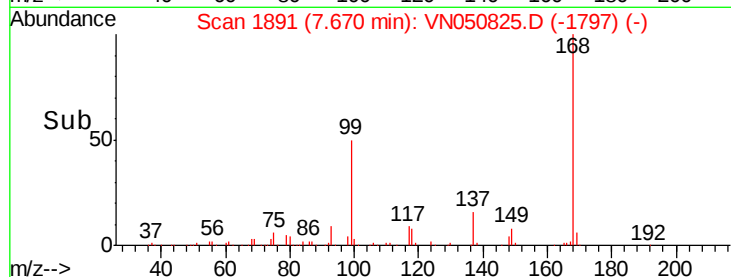
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 1.82 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050825.D

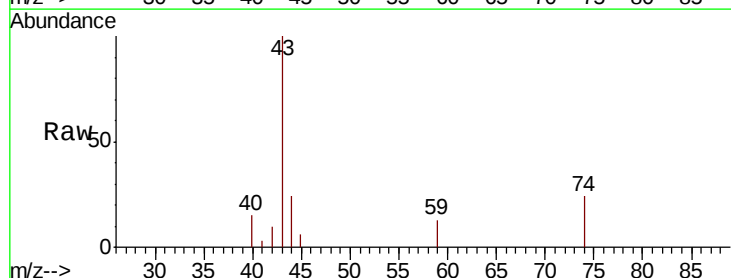
Acq: 22 Aug 2018 17:30

Tgt Ion: 43 Resp: 15627

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.33

6000

5000

4000

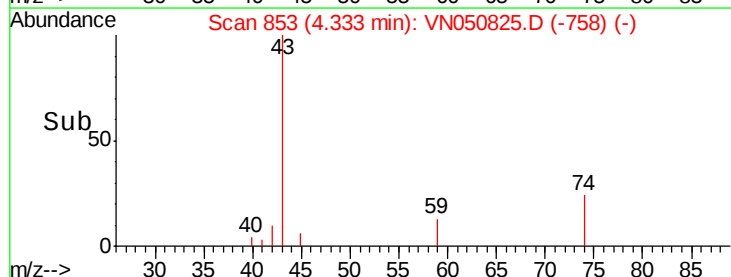
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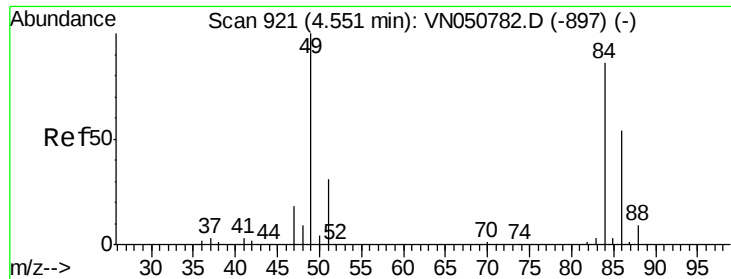
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1000

0

Time-->

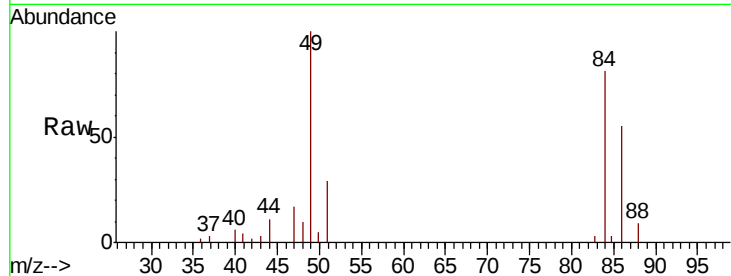




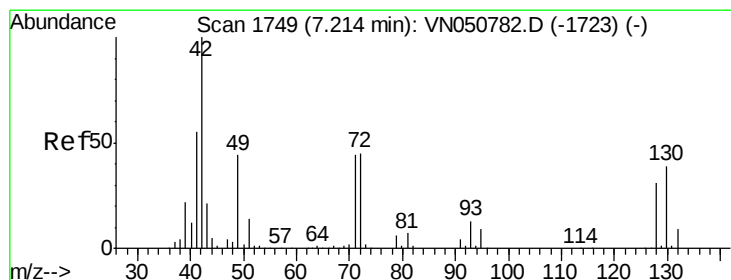
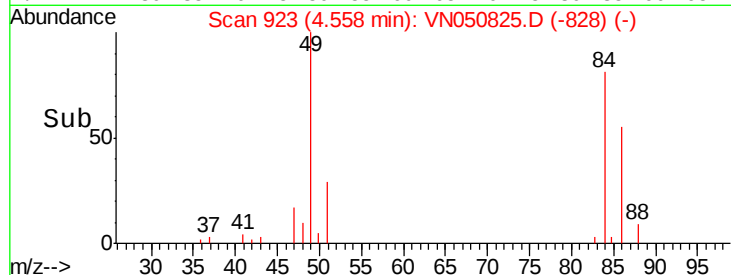
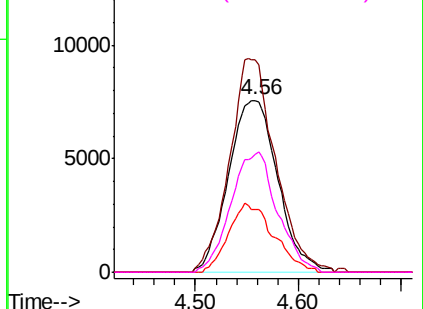
#20
Methvlene Chloride
Concen: 2.46 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050825.D
Acq: 22 Aug 2018 17:30

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#07

Tot Ion:	84	Resp:	25156
Ion	Ratio	Lower	Upper
84	100		
49	123.8	93.2	139.8
51	36.4	29.0	43.6
86	68.6	49.8	74.8

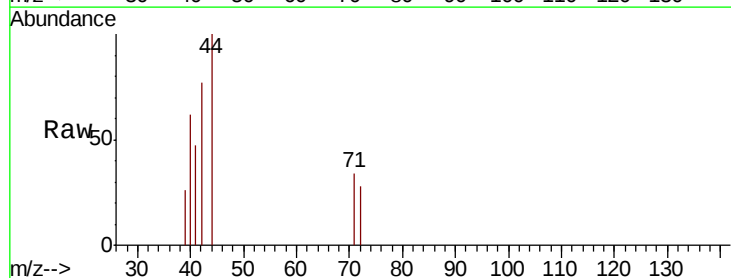


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

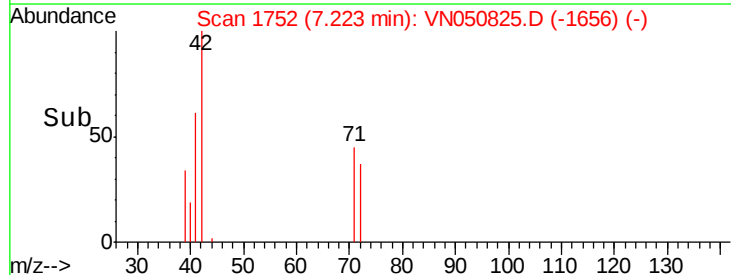
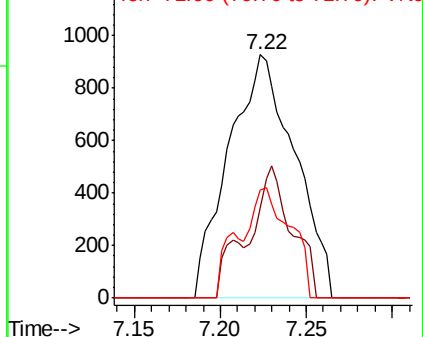


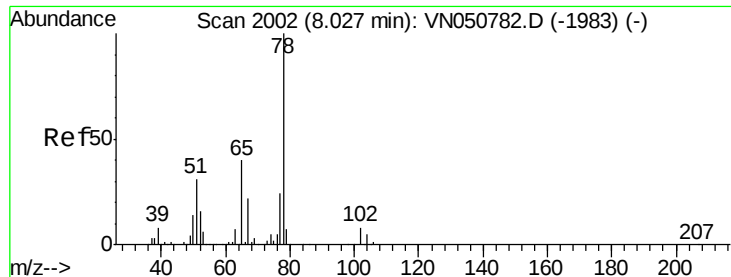
#29
Tetrahydrofuran
Concen: 1.18 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN050825.D
Acq: 22 Aug 2018 17:30

Tgt Ion:	42	Resp:	2474
Ion	Ratio	Lower	Upper
42	100		
72	28.7	35.5	53.3#
71	26.4	33.7	50.5#



Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC

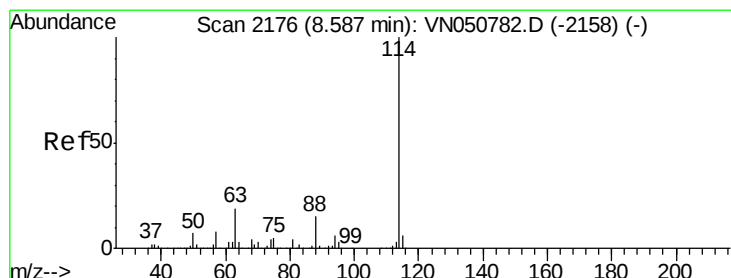
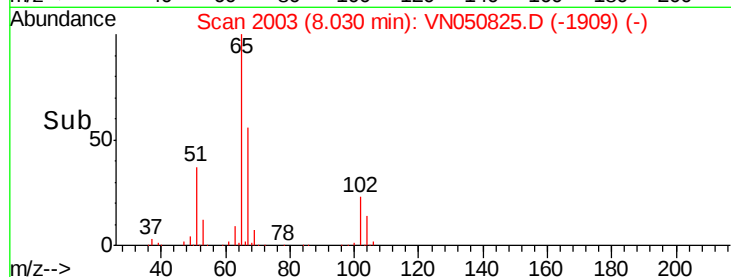
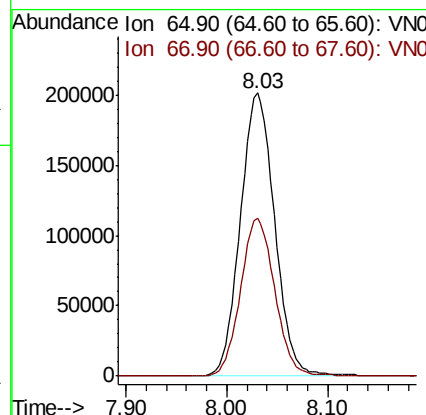
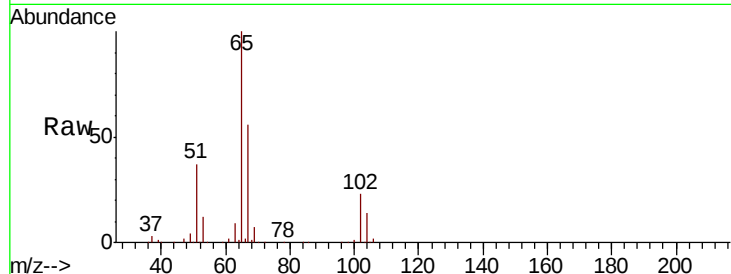




#33
 1,2-Dichloroethane-d4
 Concen: 52.33 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050825.D
 Acq: 22 Aug 2018 17:30

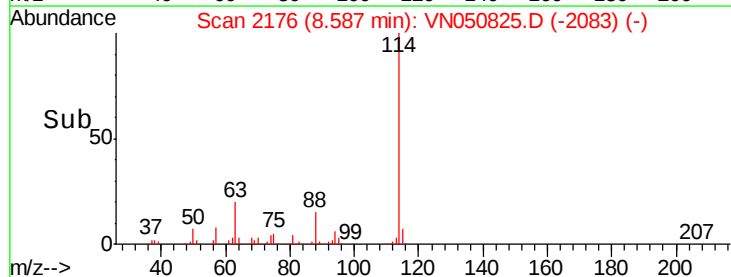
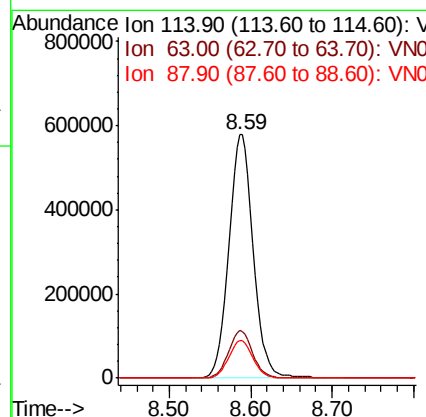
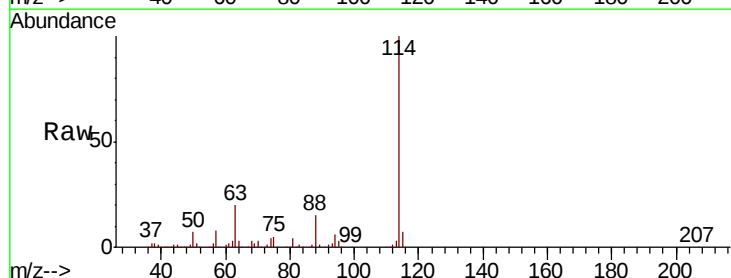
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#07

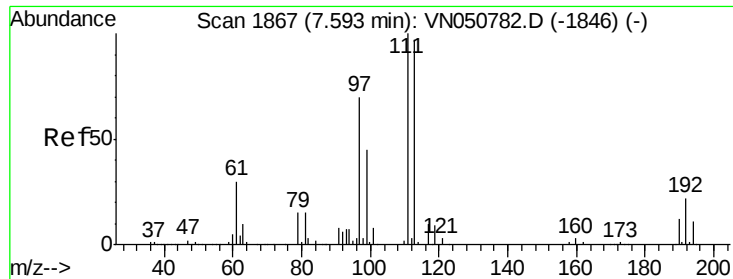
Tot Ion: 65 Resp: 475129
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050825.D
 Acq: 22 Aug 2018 17:30

Tgt Ion: 114 Resp: 1220615
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.5 0.0 30.6

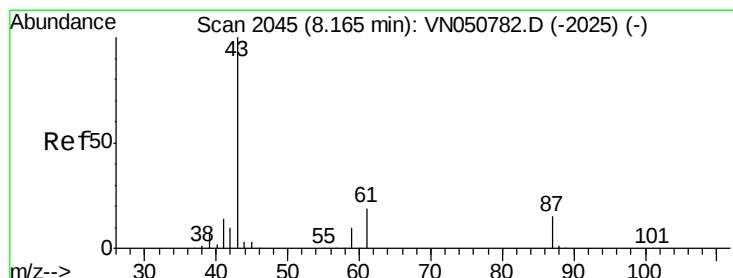
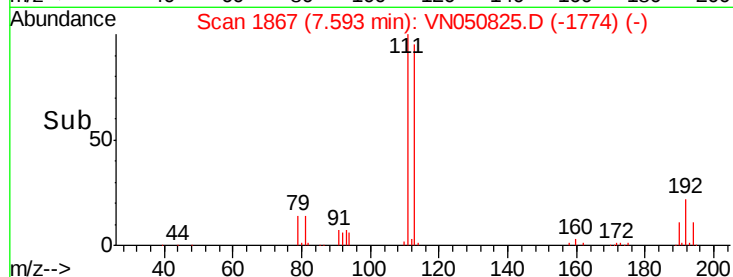
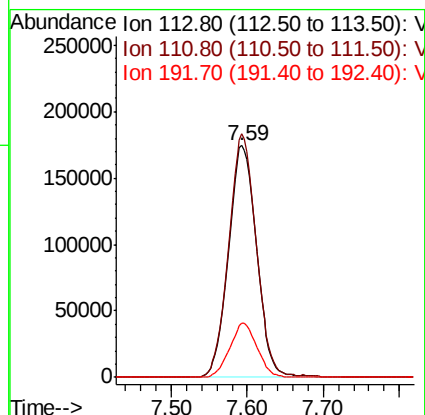
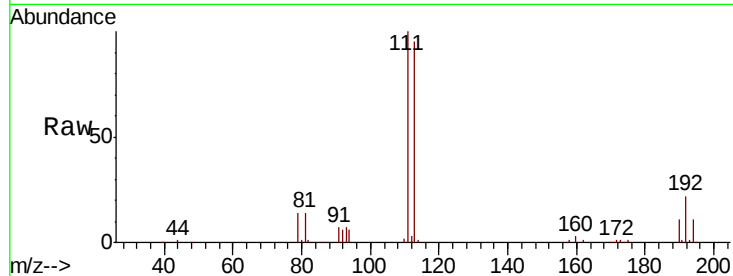




#35
 Dibromofluoromethane
 Concen: 46.43 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050825.D
 Acq: 22 Aug 2018 17:30

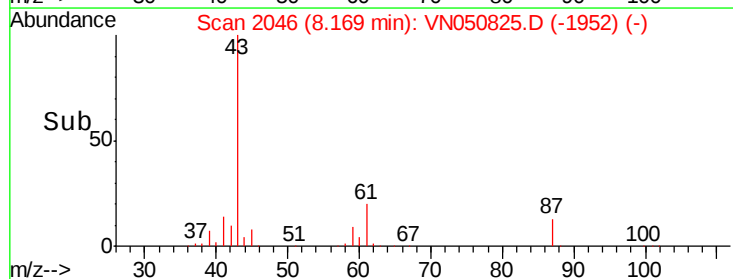
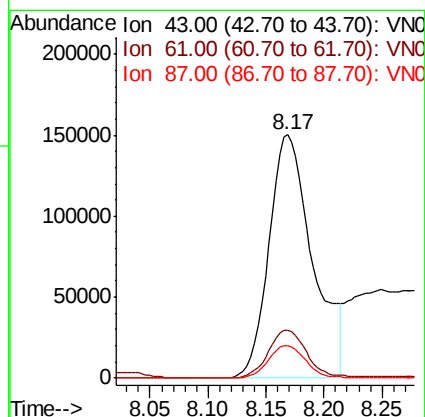
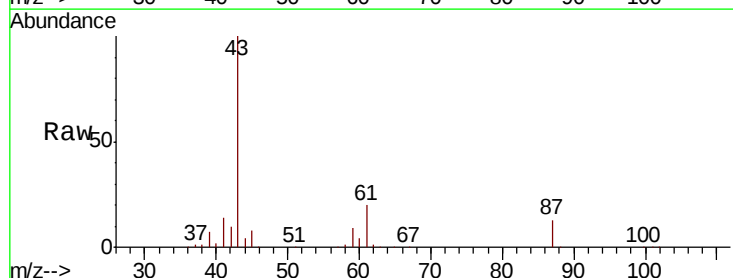
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#07

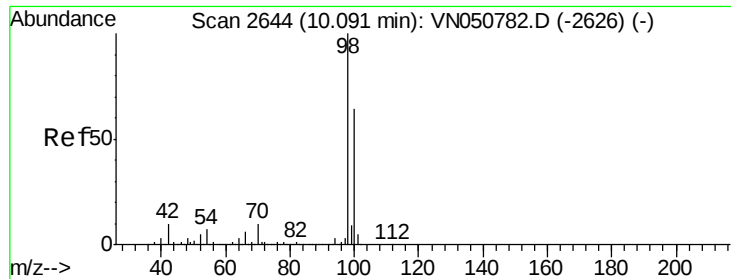
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	22.7	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 27.60 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050825.D
 Acq: 22 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.5	17.5	26.3
87	11.5	11.3	16.9





#50

Toluene-d8

Concen: 45.52 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050825.D

Acq: 22 Aug 2018 17:30

Instrument :

MSVOA_N

ClientSampleId :

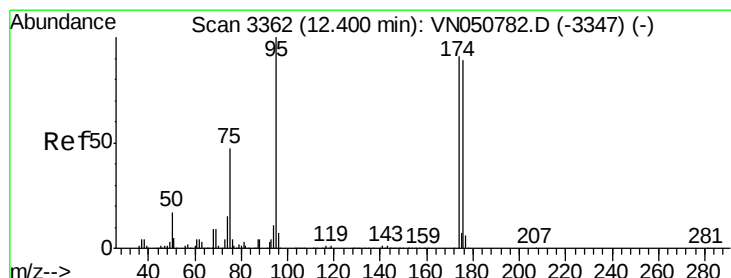
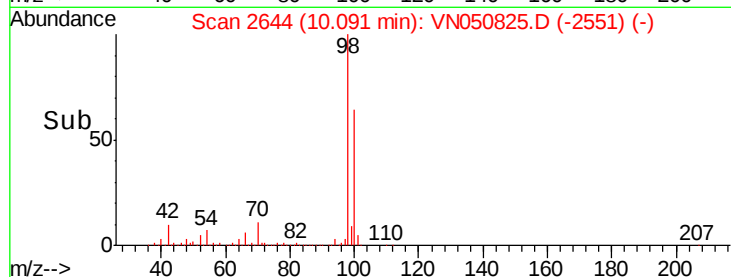
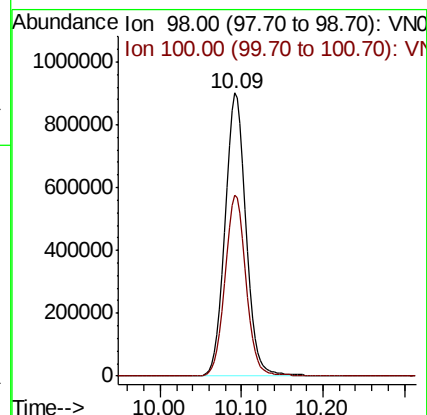
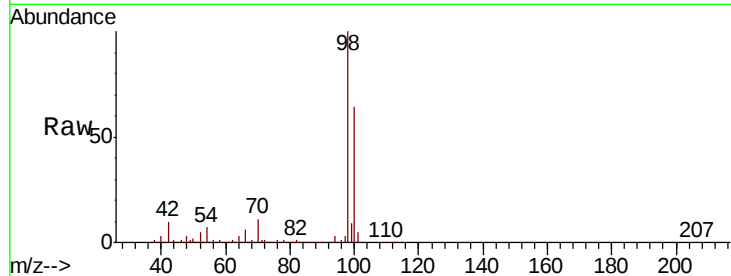
PB112269ZHE#07

Tot Ion: 98 Resp: 1652483

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 40.30 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050825.D

Acq: 22 Aug 2018 17:30

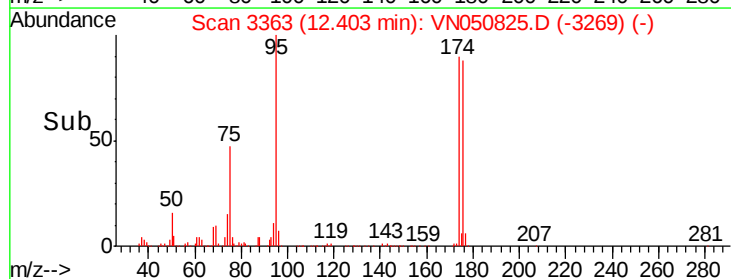
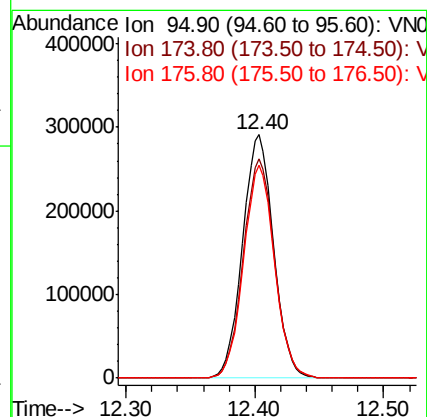
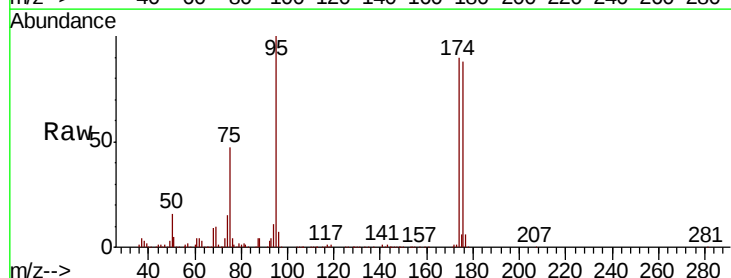
Tgt Ion: 95 Resp: 486229

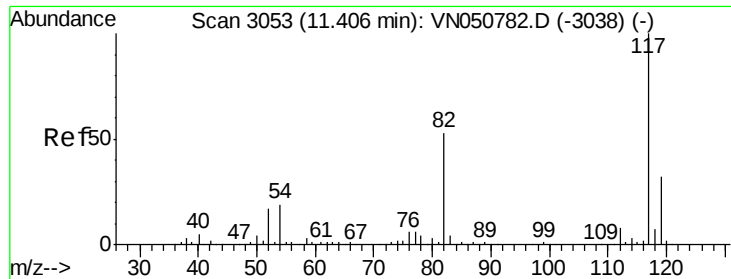
Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.0

176 87.4 0.0 178.8

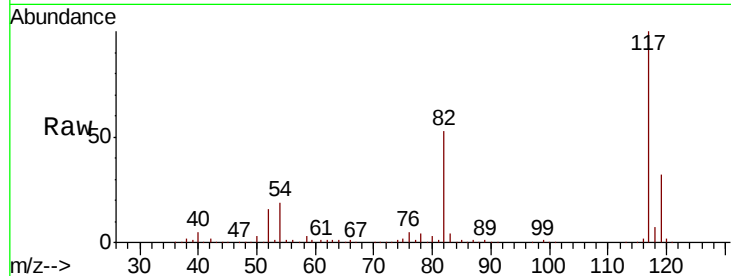




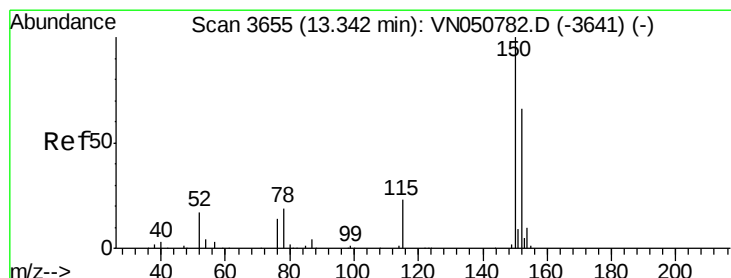
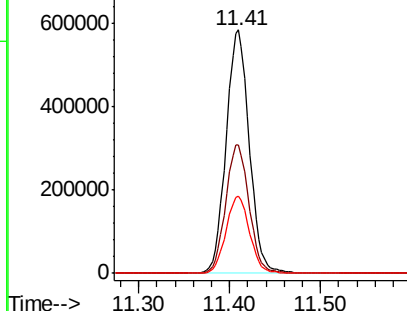
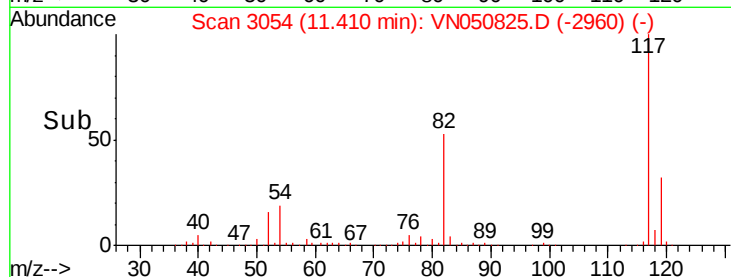
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050825.D
Acq: 22 Aug 2018 17:30

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#07

Tot Ion:117 Resp: 1032460
Ion Ratio Lower Upper
117 100
82 52.7 42.6 64.0
119 31.8 25.8 38.6

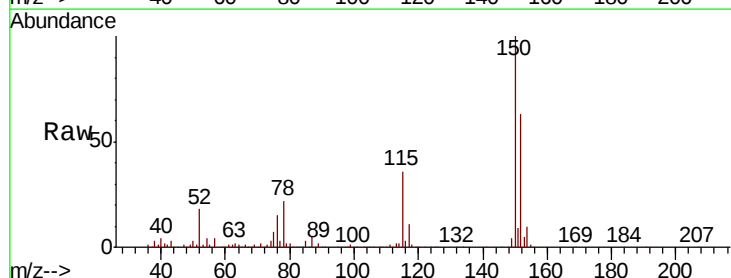


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

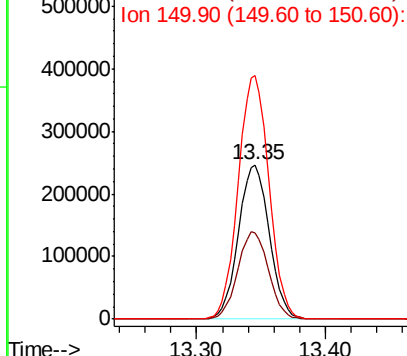
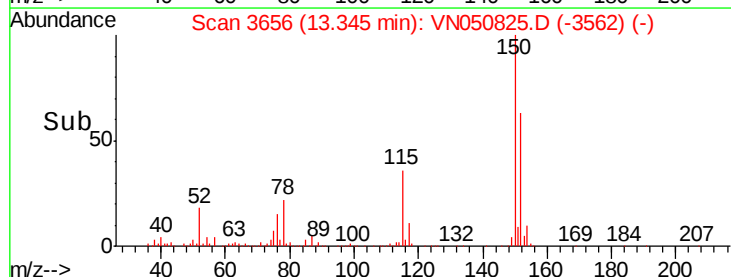


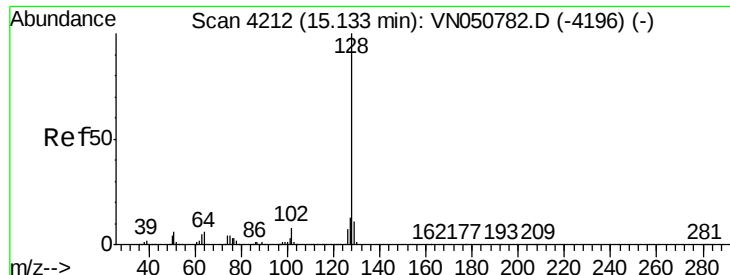
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050825.D
Acq: 22 Aug 2018 17:30

Tgt Ion:152 Resp: 410026
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.4
150 157.5 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 5.62 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050825.D

Acq: 22 Aug 2018 17:30

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#07

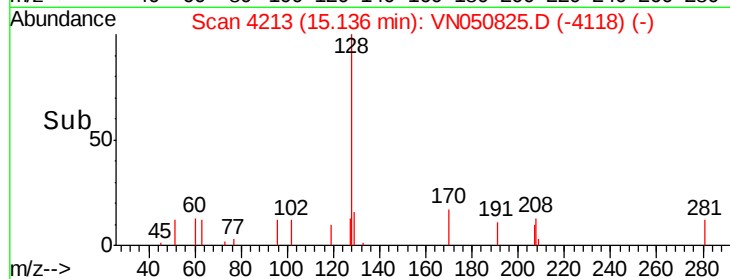
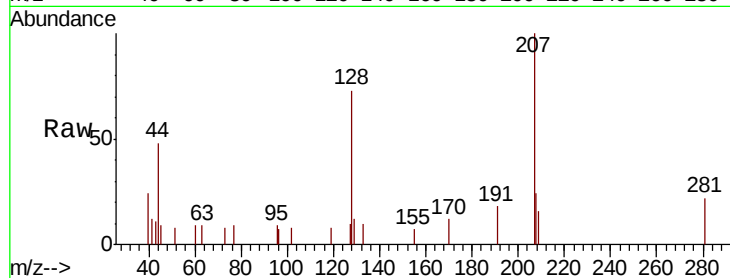
Tot Ion:128 Resp: 3962

Ion Ratio Lower Upper

128 100

127 8.7 10.5 15.7#

129 11.2 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

