

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050828.D
 Acq On : 22 Aug 2018 18:44
 Operator : MD\SY
 Sample : PB112269ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#04

Quant Time: Aug 23 03:11:52 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	720571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1191167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	999915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	378210	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	467470	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	
35) Dibromofluoromethane	7.59	113	439495	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
50) Toluene-d8	10.09	98	1602805	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
62) 4-Bromofluorobenzene	12.40	95	455309	38.67	ug/l	0.00
Spiked Amount			Recovery	=	77.34%	

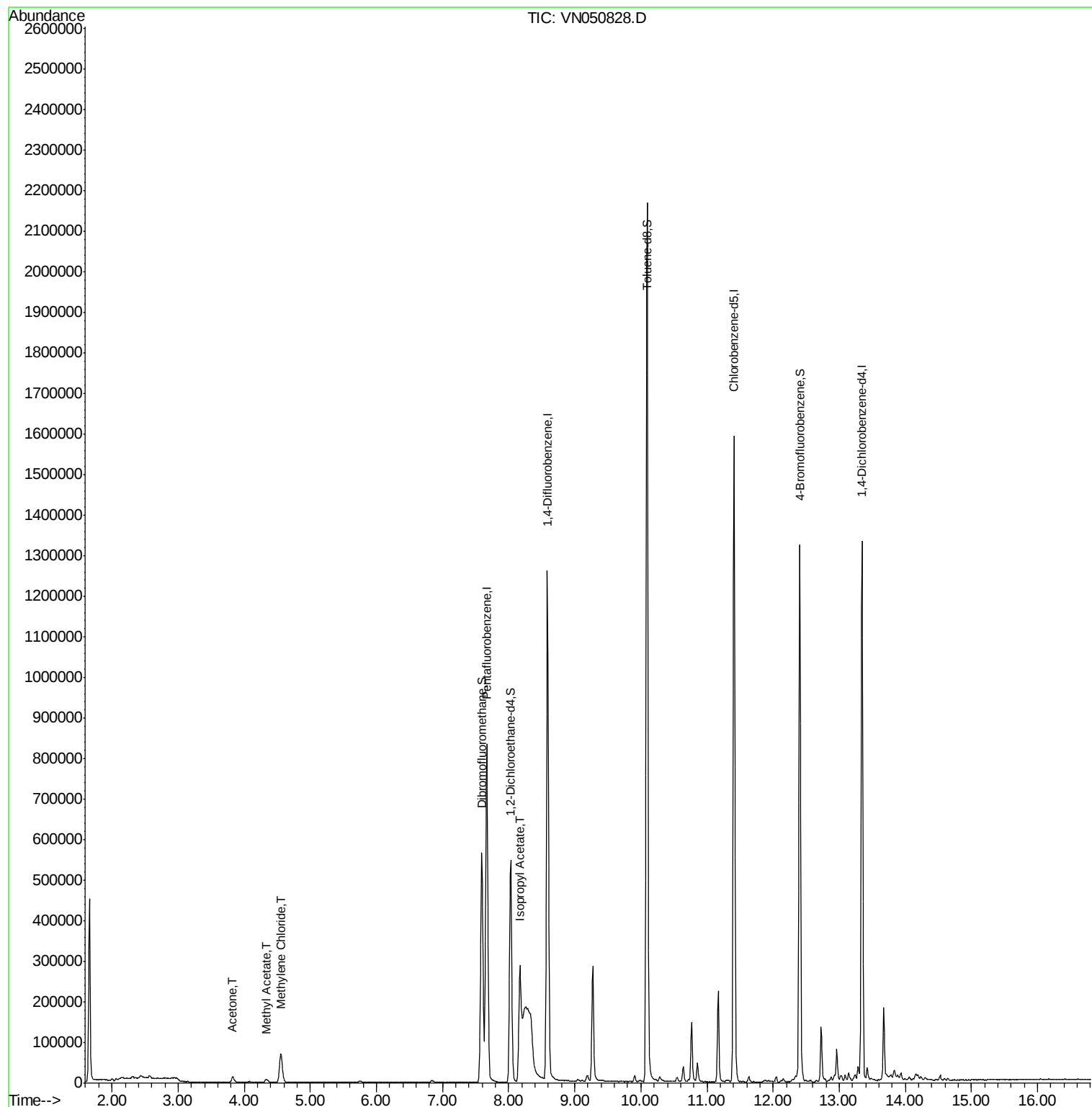
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	22321	3.91	ug/l	97
18) Methyl Acetate	4.34	43	17795	2.17	ug/l #	77
20) Methylene Chloride	4.56	84	59030	6.04	ug/l	95
43) Isopropyl Acetate	8.17	43	381820	27.50	ug/l #	90

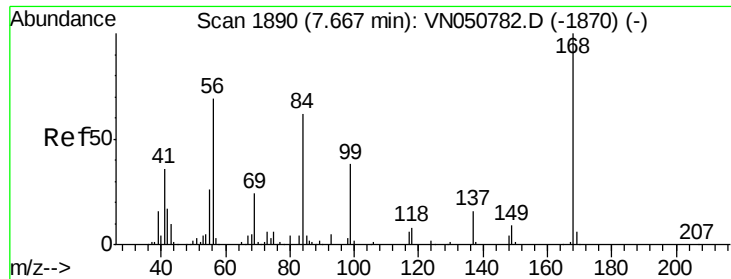
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050828.D

Acq: 22 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampleId :

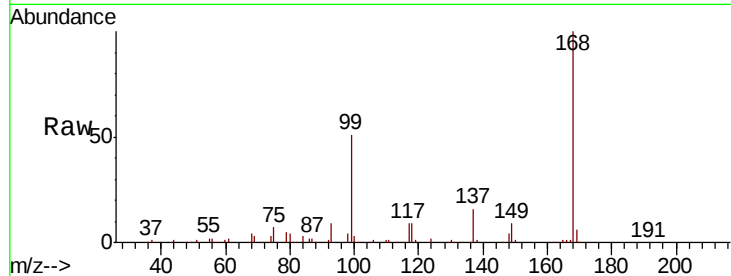
PB112269ZHE#04

Tot Ion:168 Resp: 720571

Ion Ratio Lower Upper

168 100

99 51.0 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

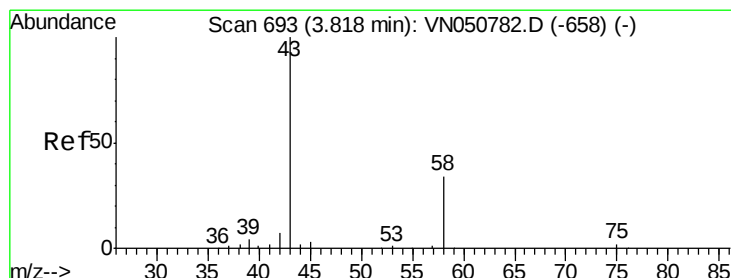
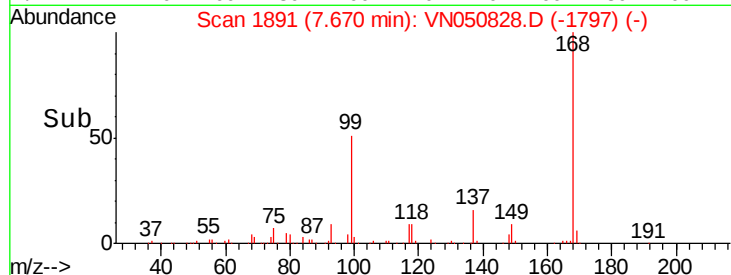
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.91 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050828.D

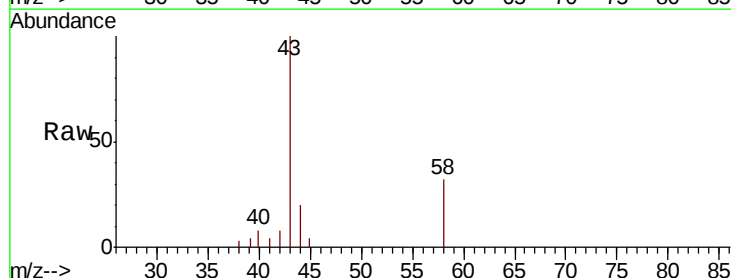
Acq: 22 Aug 2018 18:44

Tgt Ion: 43 Resp: 22321

Ion Ratio Lower Upper

43 100

58 32.3 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

8000

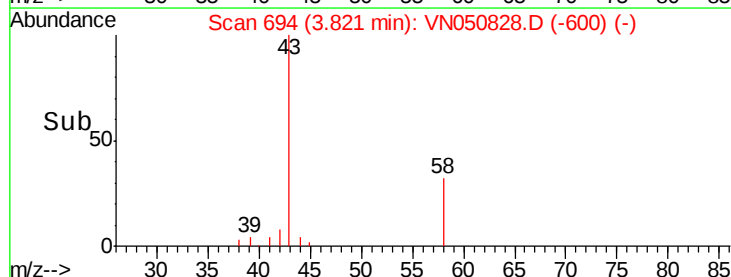
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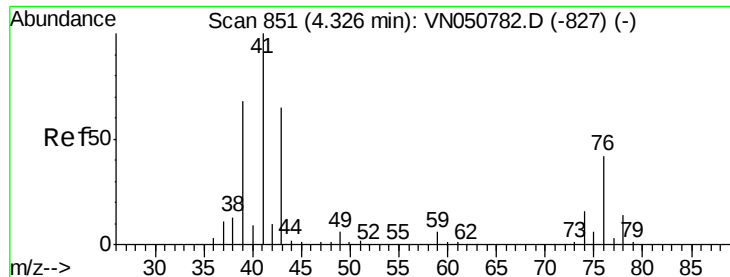
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2000

0

Time-->

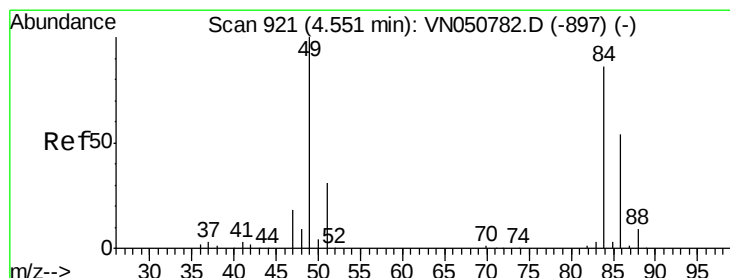
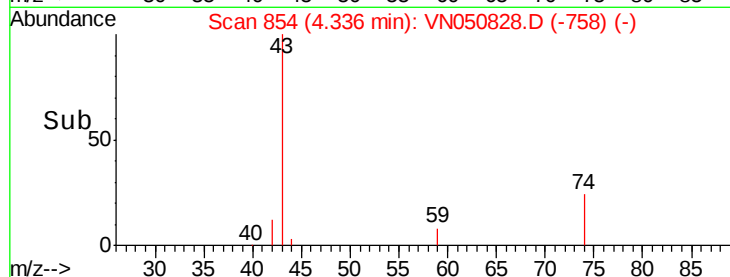
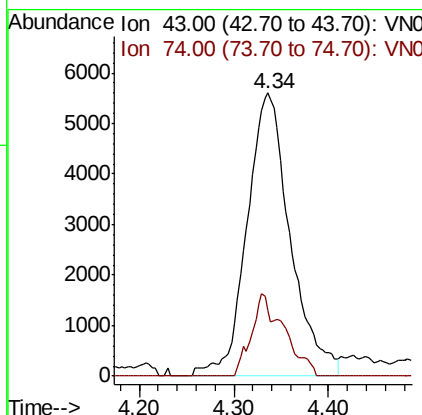
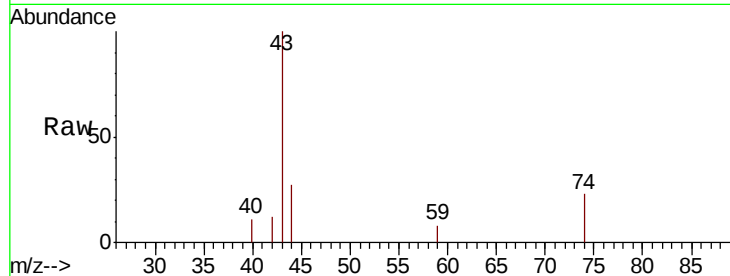




#18
Methyl Acetate
Concen: 2.17 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050828.D
Acq: 22 Aug 2018 18:44

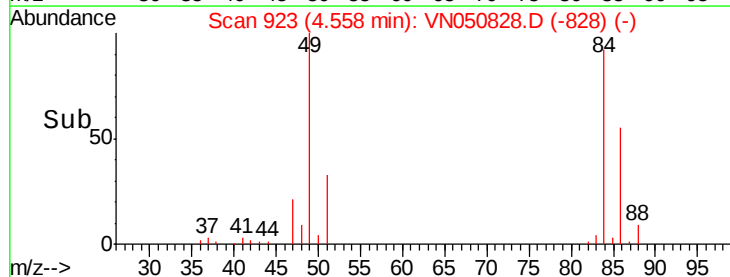
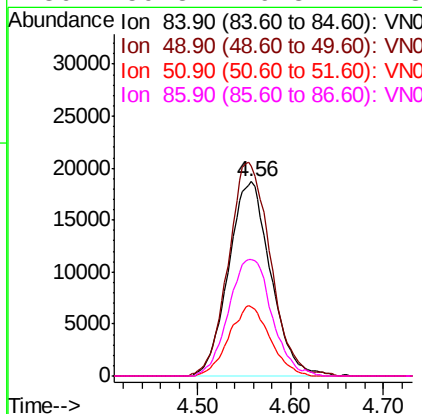
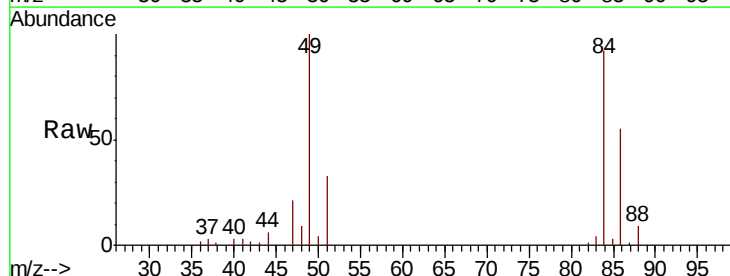
Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#04

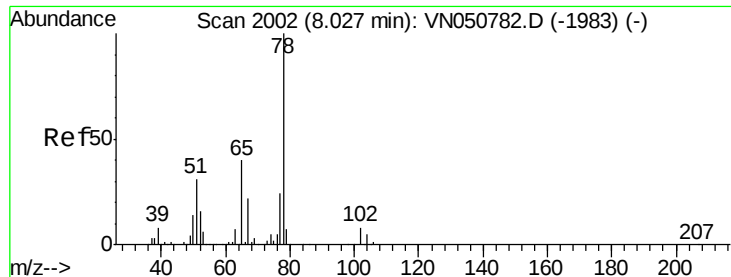
Tot Ion: 43 Resp: 17795
Ion Ratio Lower Upper
43 100
74 13.5 19.8 29.8#



#20
Methylene Chloride
Concen: 6.04 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050828.D
Acq: 22 Aug 2018 18:44

Tgt Ion: 84 Resp: 59030
Ion Ratio Lower Upper
84 100
49 108.2 93.2 139.8
51 35.6 29.0 43.6
86 59.8 49.8 74.8

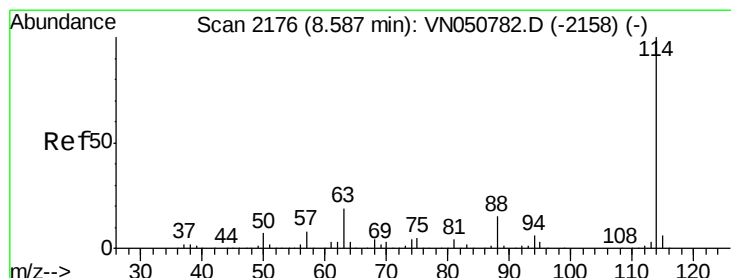
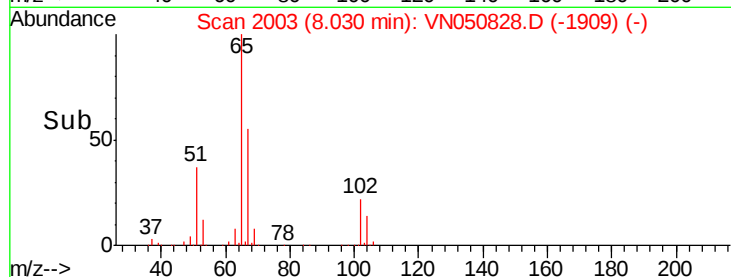
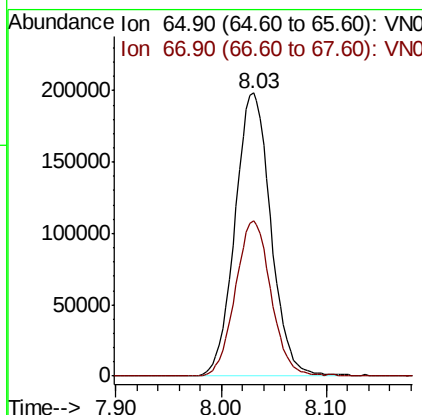
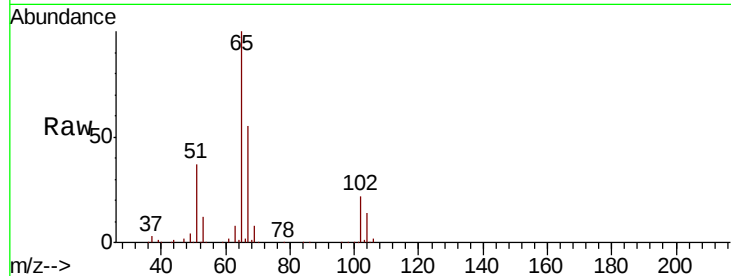




#33
 1,2-Dichloroethane-d4
 Concen: 53.89 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050828.D
 Acq: 22 Aug 2018 18:44

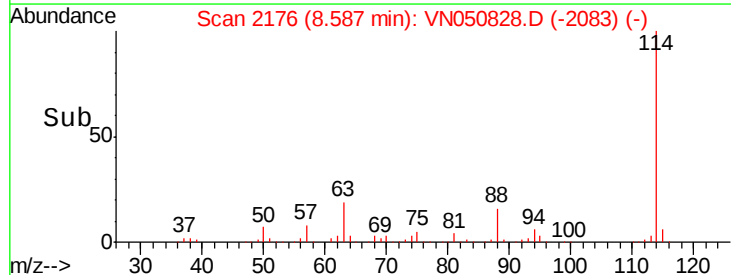
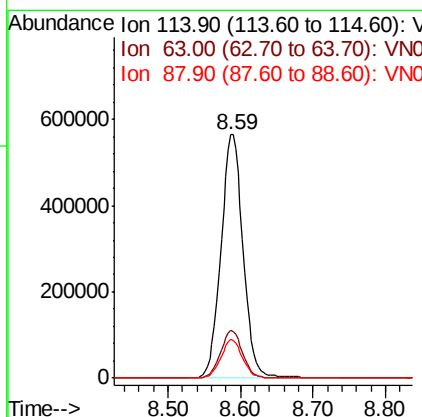
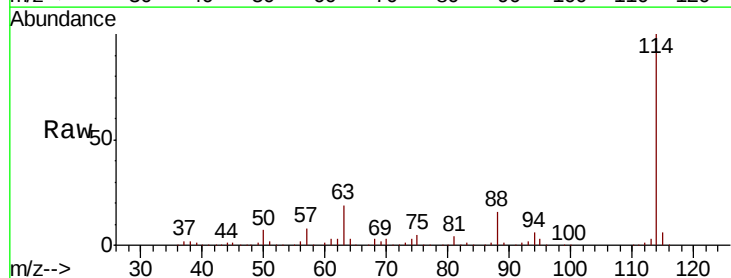
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#04

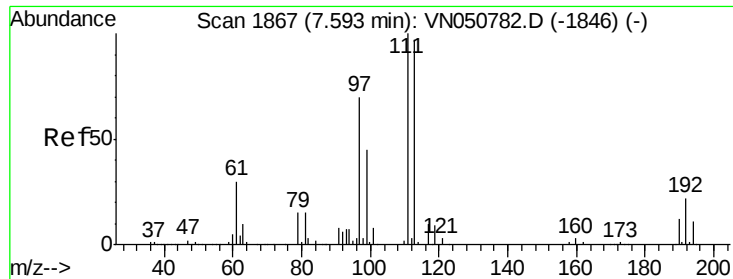
Tot Ion: 65 Resp: 467470
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050828.D
 Acq: 22 Aug 2018 18:44

Tgt Ion: 114 Resp: 1191167
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.8 0.0 30.6

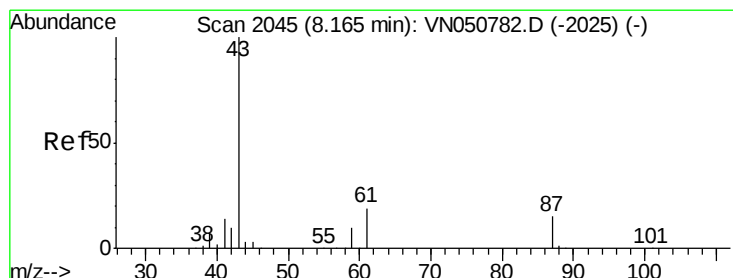
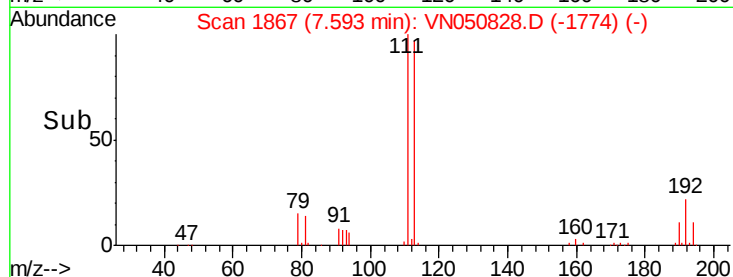
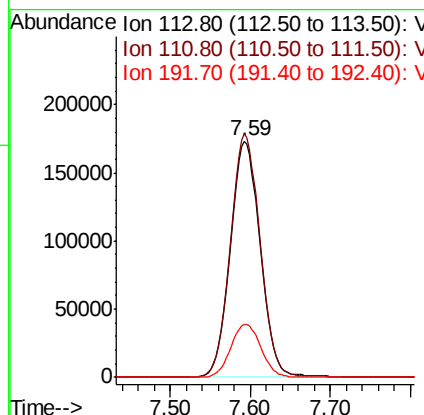
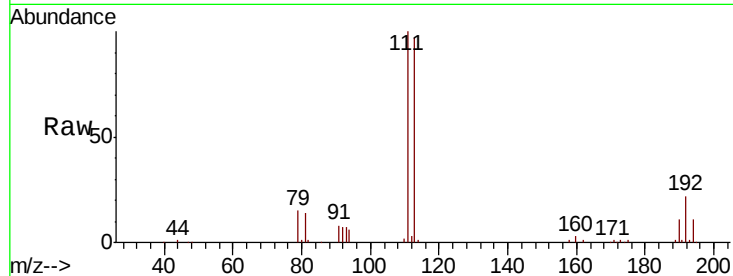




#35
 Dibromofluoromethane
 Concen: 46.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050828.D
 Acq: 22 Aug 2018 18:44

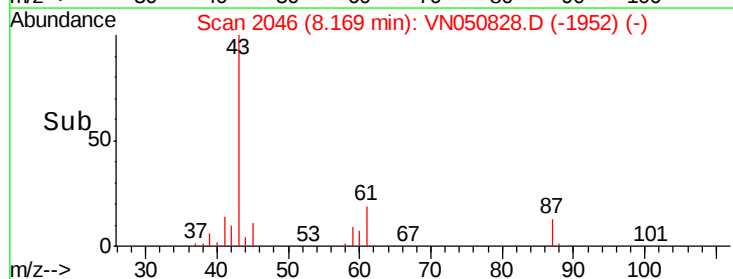
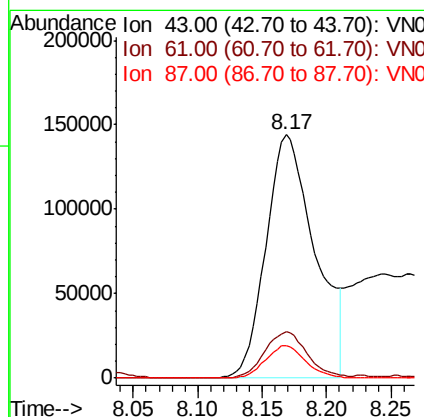
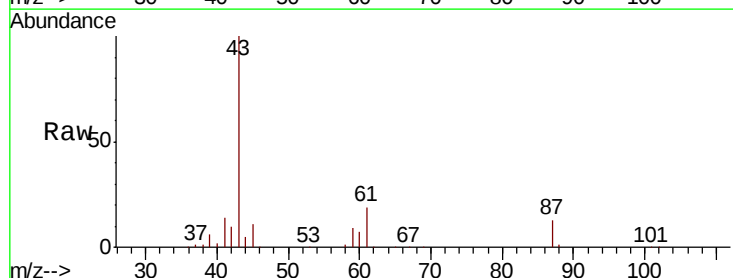
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#04

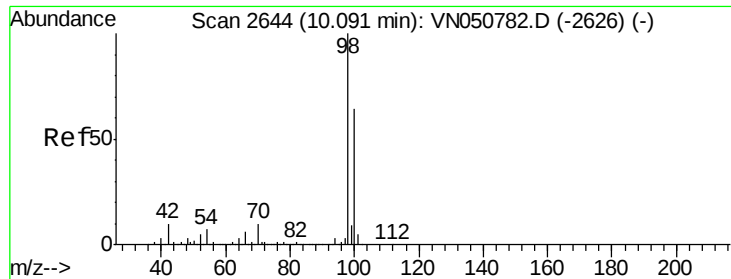
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	22.7	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 27.50 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050828.D
 Acq: 22 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.7	17.5	26.3#
87	11.0	11.3	16.9#





#50

Toluene-d8

Concen: 45.24 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050828.D

Acq: 22 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampleId :

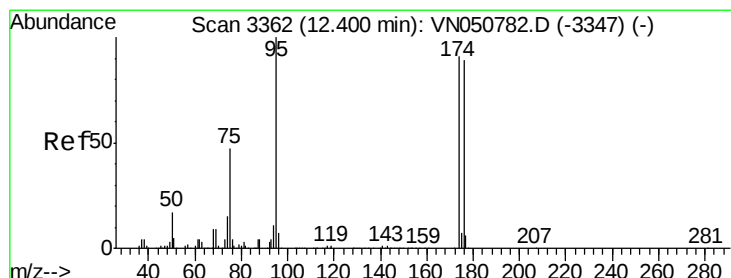
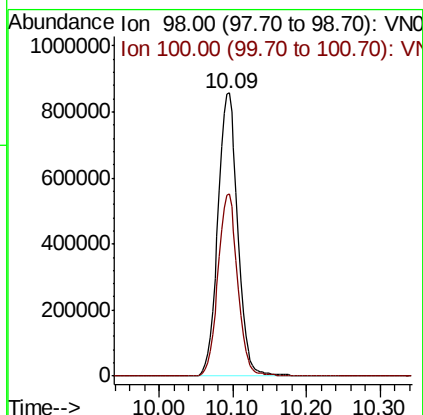
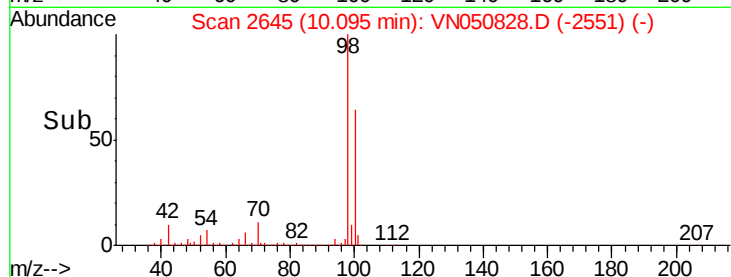
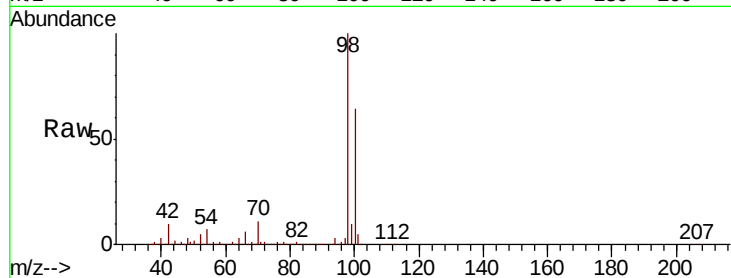
PB112269ZHE#04

Tot Ion: 98 Resp: 1602805

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 38.67 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050828.D

Acq: 22 Aug 2018 18:44

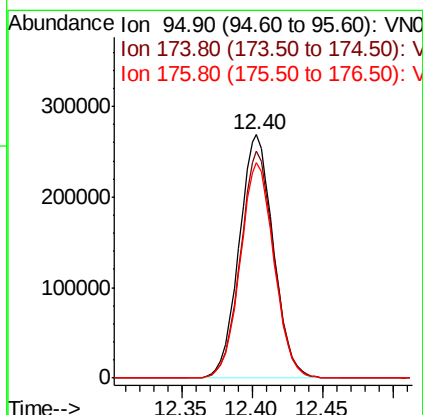
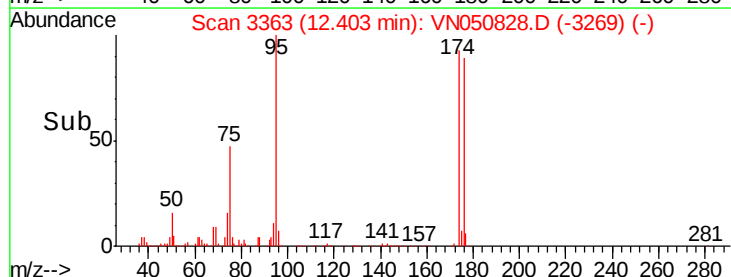
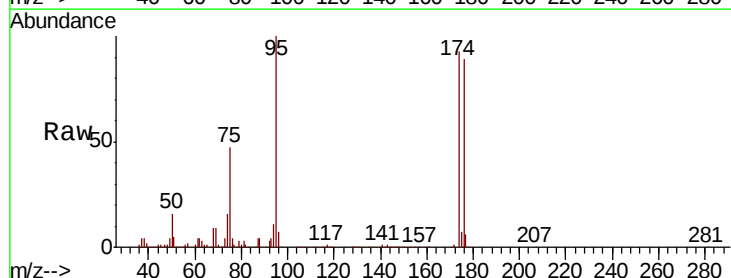
Tgt Ion: 95 Resp: 455309

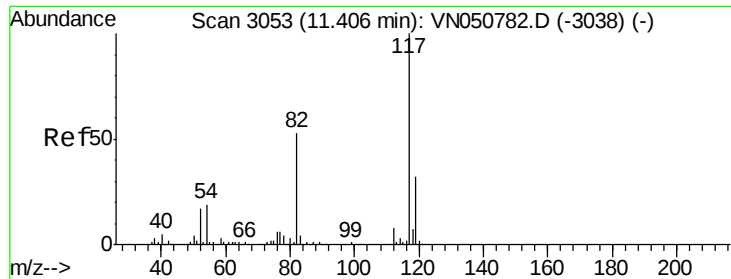
Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.0

176 87.5 0.0 178.8

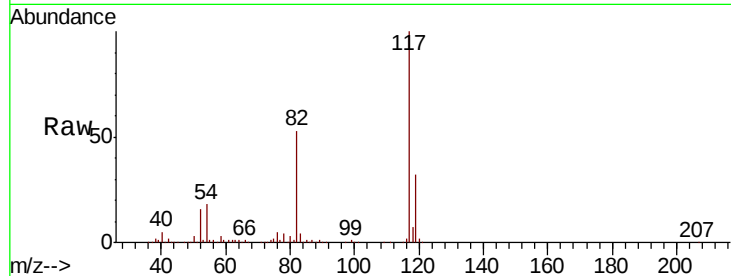




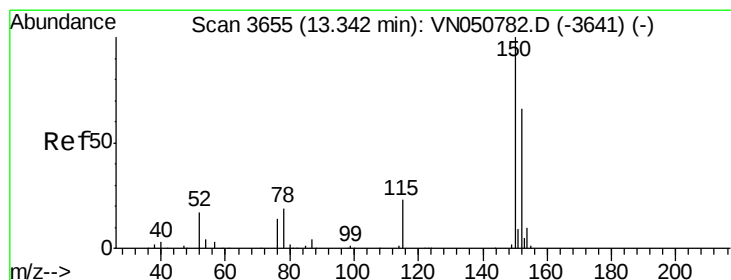
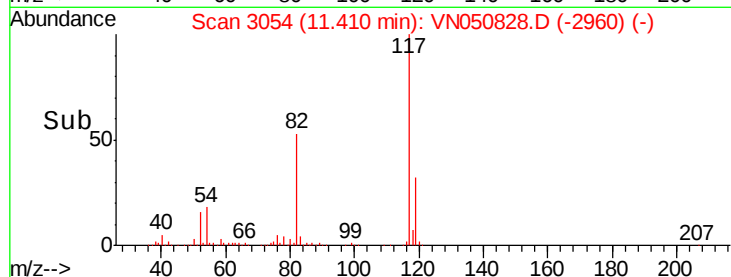
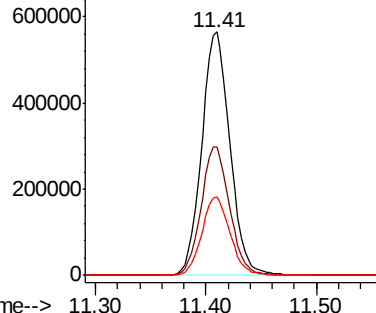
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050828.D
Acq: 22 Aug 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#04

Tot Ion:117 Resp: 999915
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 32.2 25.8 38.6

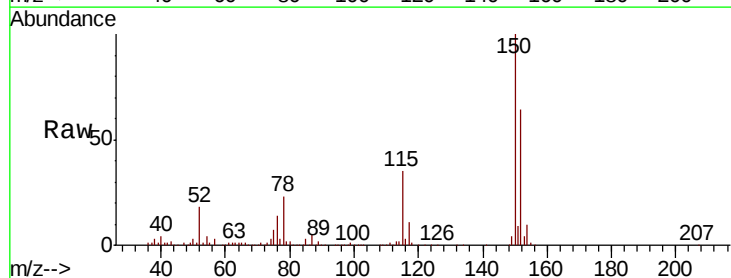


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050828.D
Acq: 22 Aug 2018 18:44

Tgt Ion:152 Resp: 378210
Ion Ratio Lower Upper
152 100
115 56.2 27.8 83.4
150 157.4 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

