

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051228.D
 Acq On : 15 Sep 2018 17:33
 Operator : MD\SY
 Sample : PB112879ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#09

Quant Time: Sep 17 03:37:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	409048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	647182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	502872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	135541	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	225760	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.59	113	243555	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.09	98	818586	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
62) 4-Bromofluorobenzene	12.40	95	199280	32.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.30%	

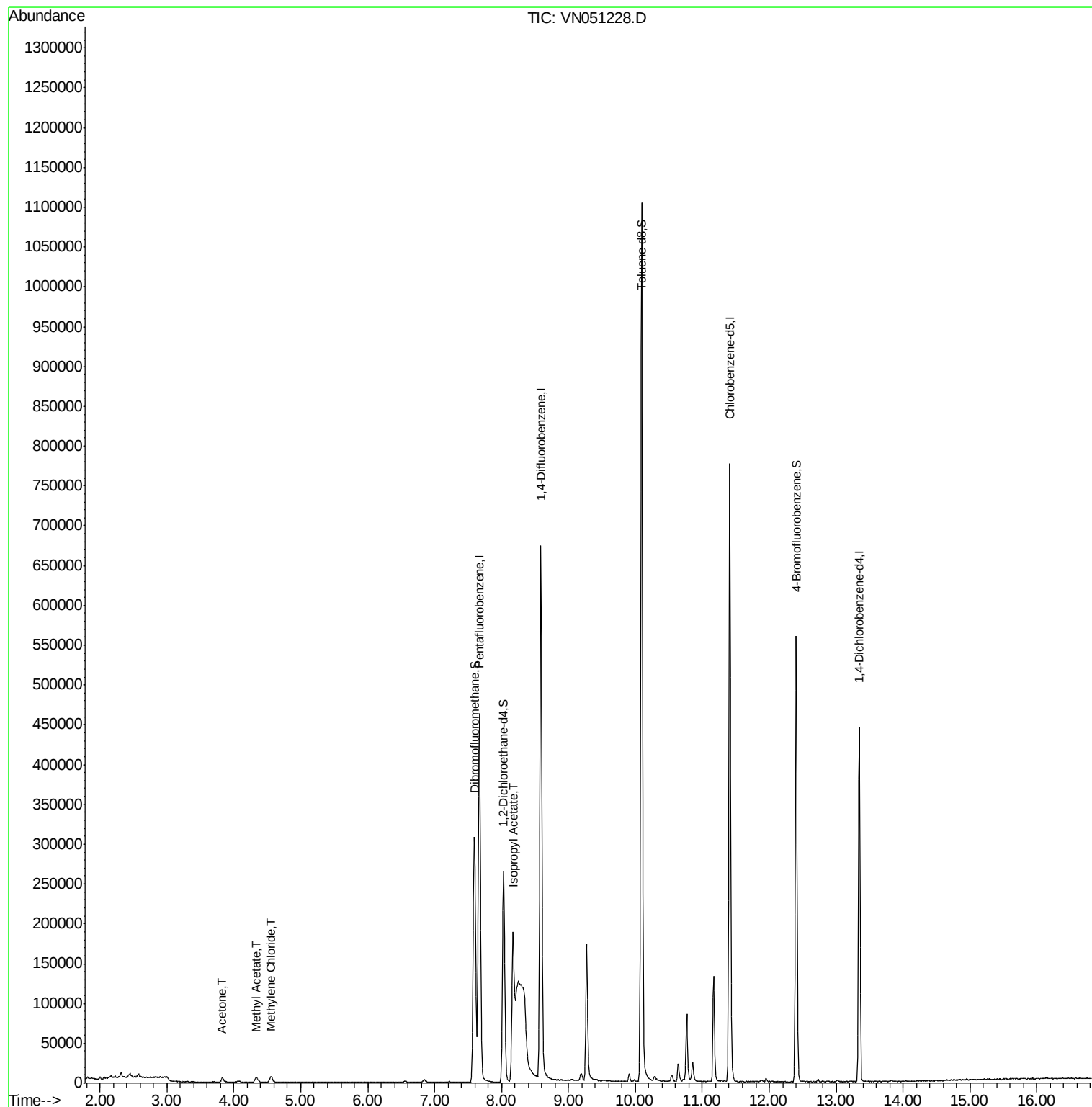
Target Compounds						Qvalue
16) Acetone	3.82	43	8668	1.91	ug/l	89
18) Methyl Acetate	4.33	43	12516	3.43	ug/l	98
20) Methylene Chloride	4.56	84	6054	1.20	ug/l	91
43) Isopropyl Acetate	8.17	43	237889	32.76	ug/l #	81

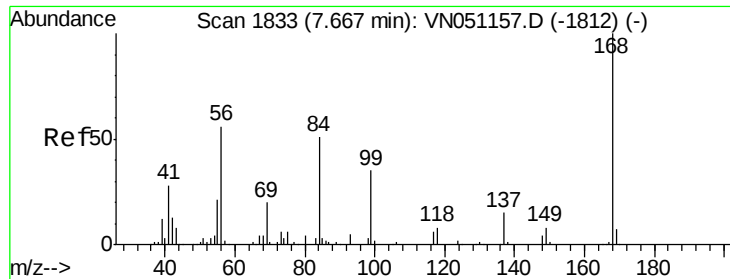
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051228.D

Acq: 15 Sep 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

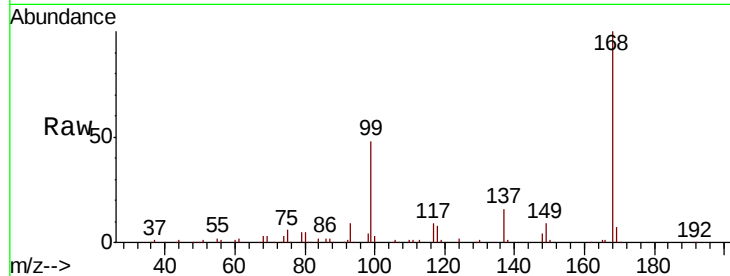
PB112879ZHE#09

Tot Ion:168 Resp: 409048

Ion Ratio Lower Upper

168 100

99 48.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

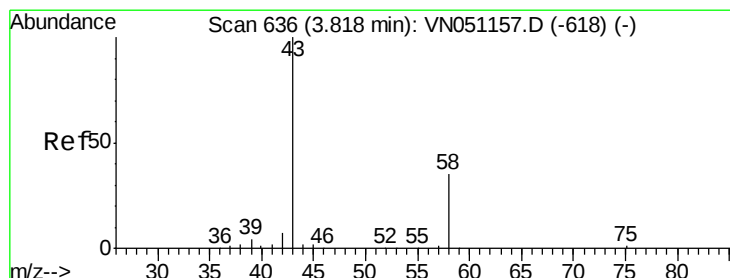
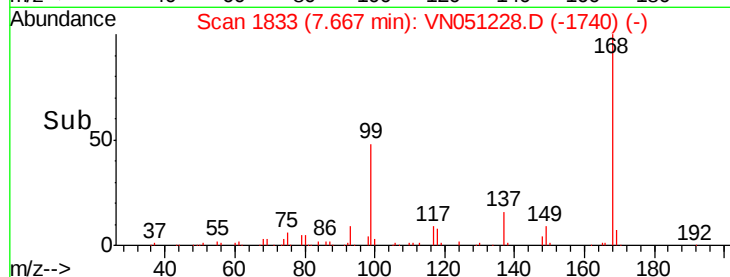
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.91 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051228.D

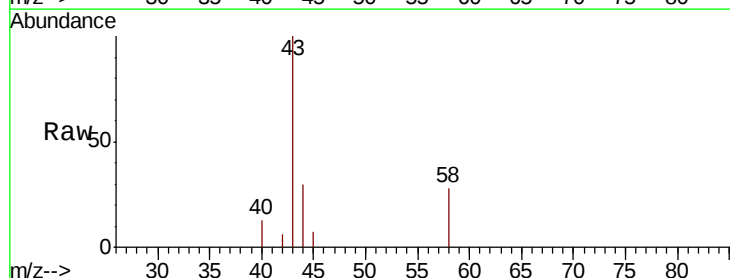
Acq: 15 Sep 2018 17:33

Tgt Ion: 43 Resp: 8668

Ion Ratio Lower Upper

43 100

58 28.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

3.82

4000

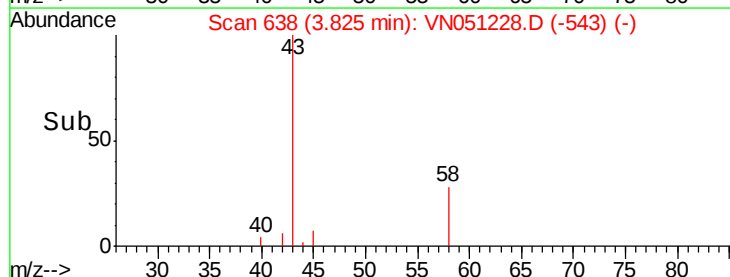
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2000

1000

0

Time-->

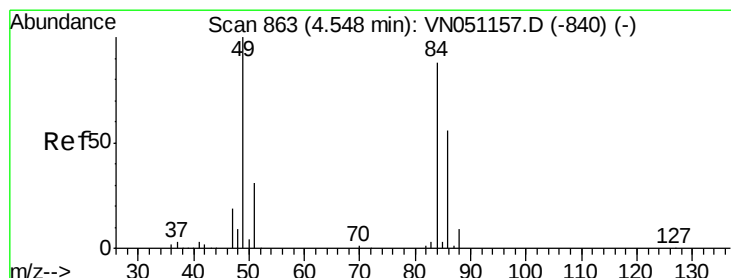
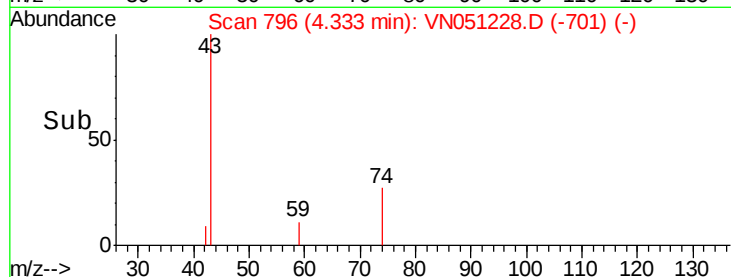
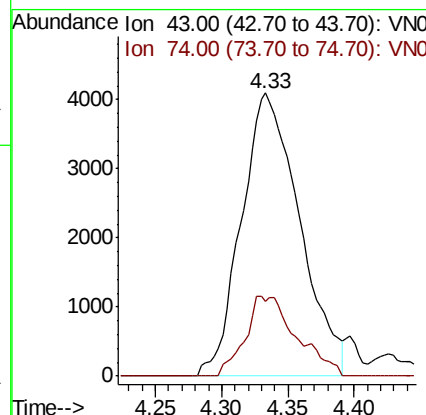
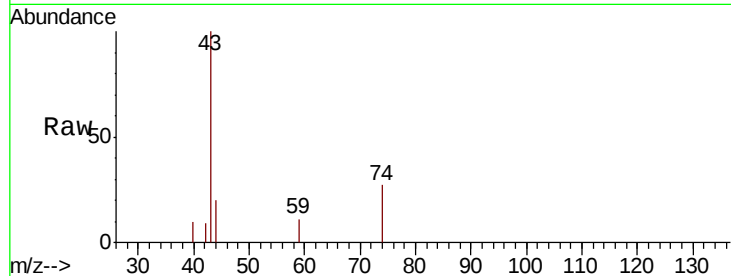




#18
Methyl Acetate
Concen: 3.43 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051228.D
Acq: 15 Sep 2018 17:33

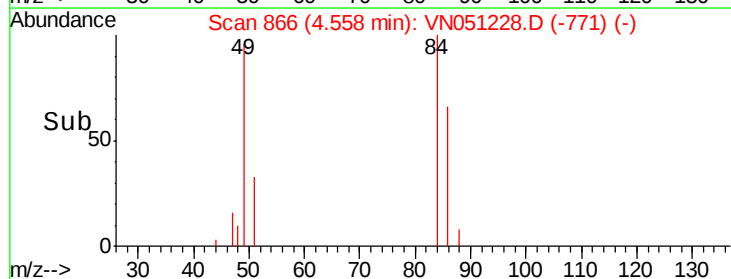
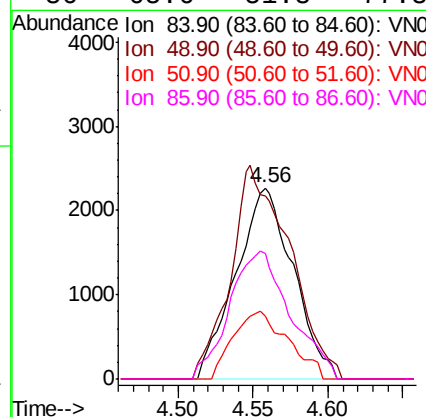
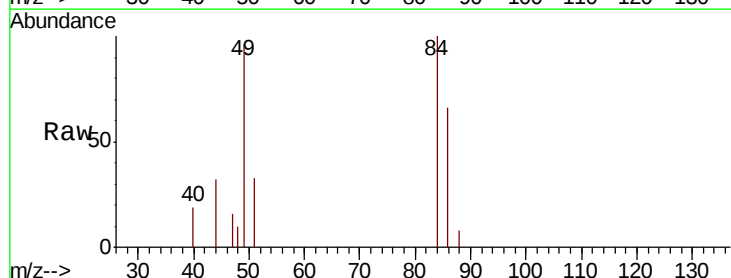
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#09

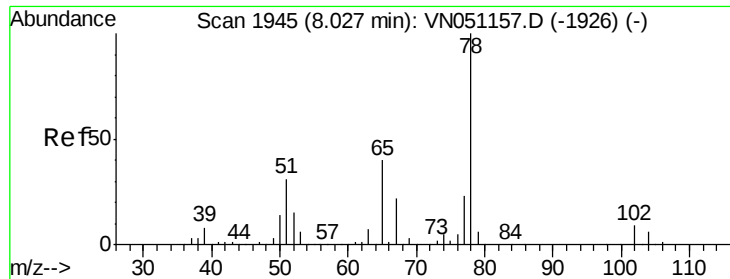
Tot Ion: 43 Resp: 12516
Ion Ratio Lower Upper
43 100
74 24.9 20.7 31.1



#20
Methylene Chloride
Concen: 1.20 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051228.D
Acq: 15 Sep 2018 17:33

Tgt Ion: 84 Resp: 6054
Ion Ratio Lower Upper
84 100
49 95.5 90.2 135.2
51 33.1 28.4 42.6
86 65.6 51.8 77.8

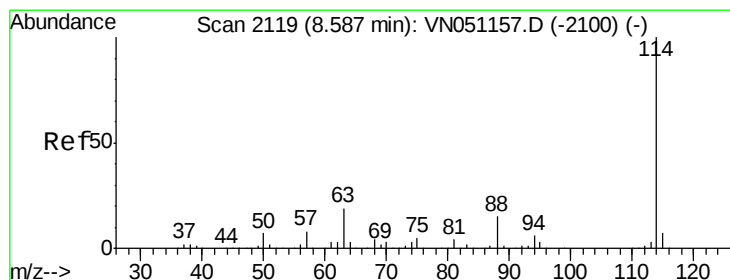
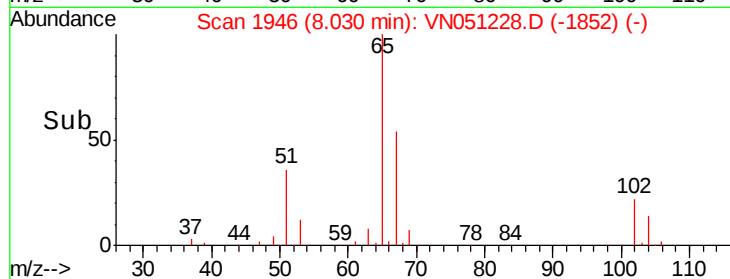
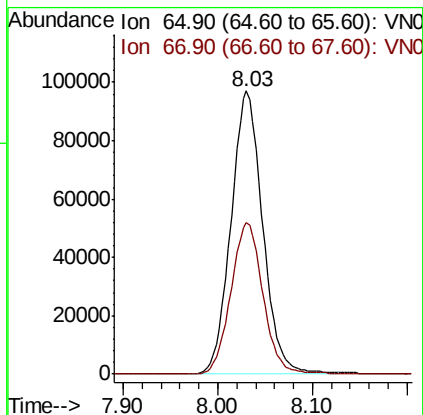
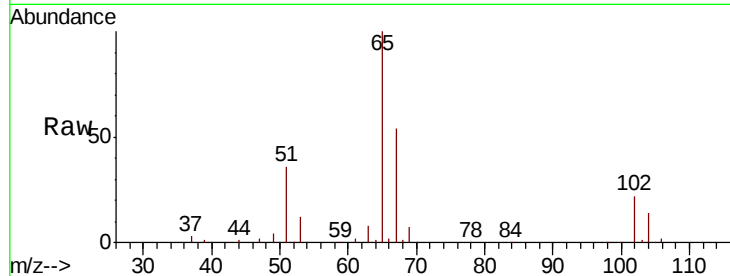




#33
 1,2-Dichloroethane-d4
 Concen: 49.59 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051228.D
 Acq: 15 Sep 2018 17:33

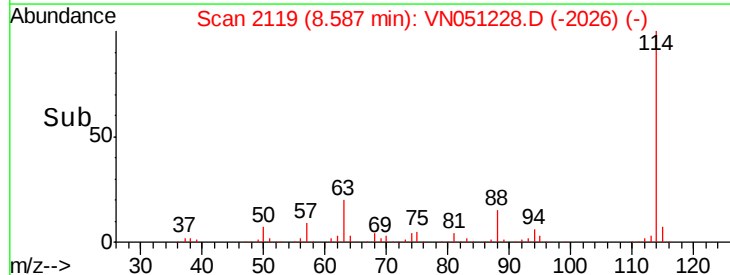
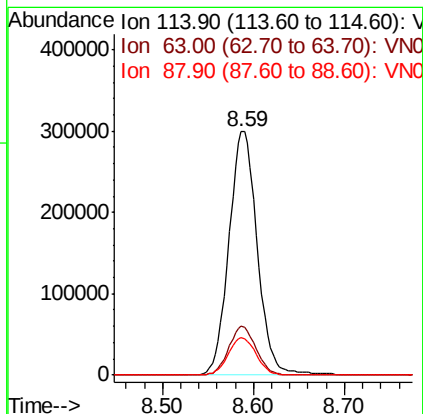
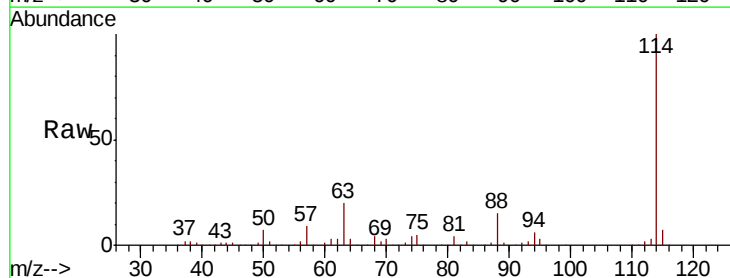
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#09

Tot Ion: 65 Resp: 225760
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051228.D
 Acq: 15 Sep 2018 17:33

Tgt Ion: 114 Resp: 647182
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.8
 88 15.2 0.0 30.8

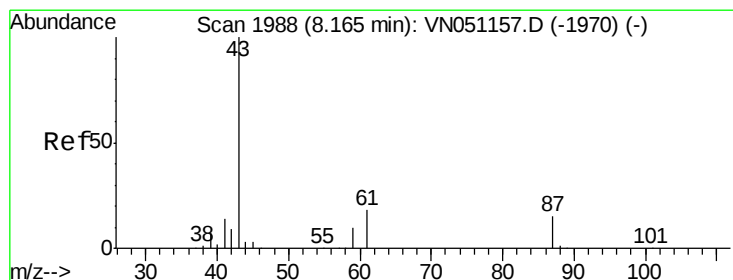
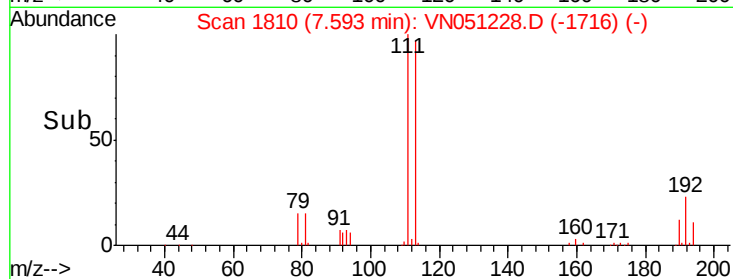
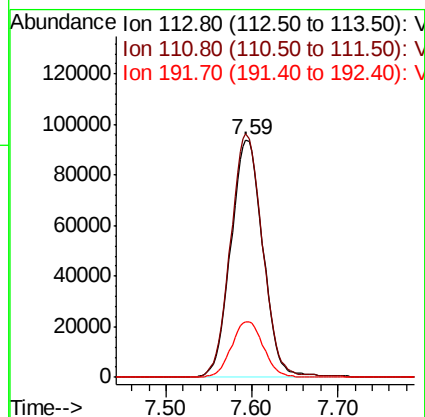
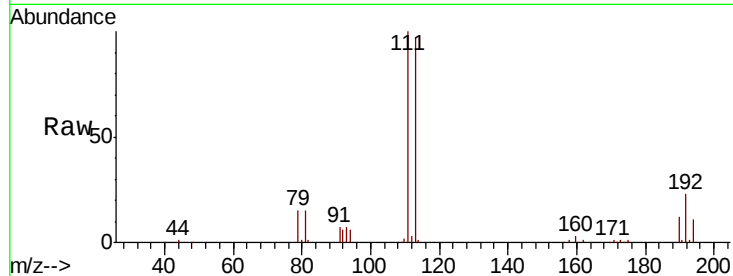




#35
 Dibromofluoromethane
 Concen: 50.08 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051228.D
 Acq: 15 Sep 2018 17:33

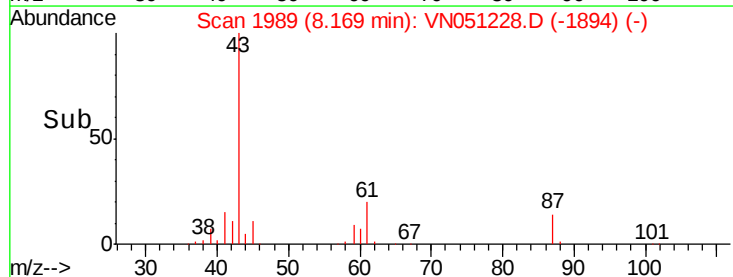
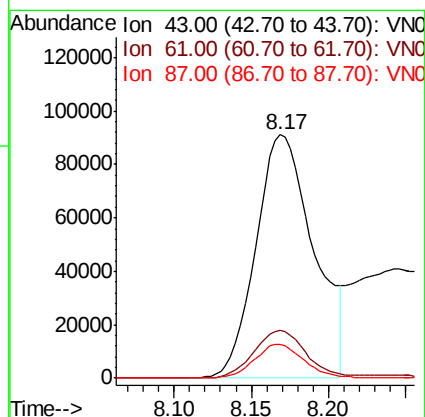
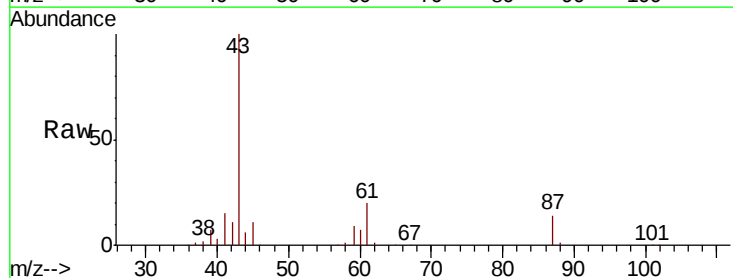
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#09

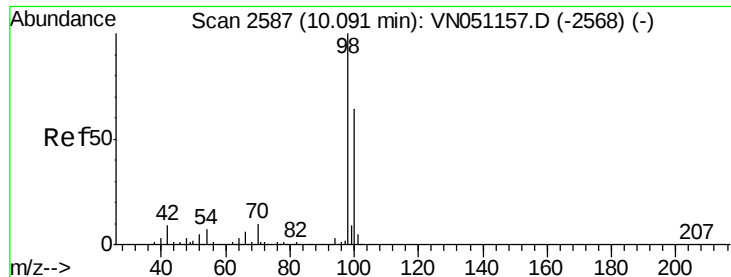
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.6
192	23.3	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 32.76 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051228.D
 Acq: 15 Sep 2018 17:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	25.0	37.6#
87	11.8	11.8	17.8#





#50

Toluene-d8

Concen: 44.36 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051228.D

Acq: 15 Sep 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

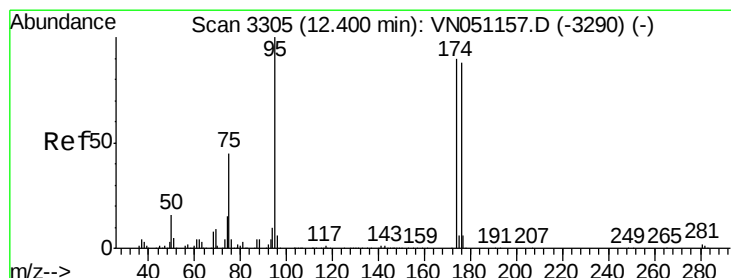
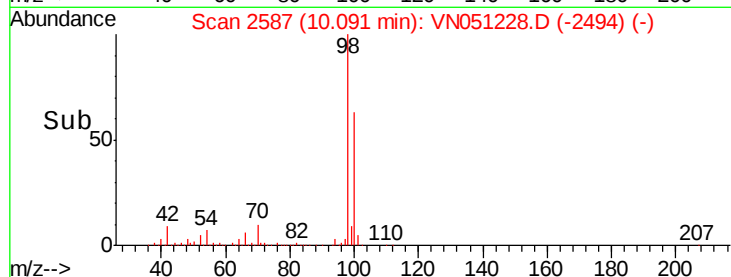
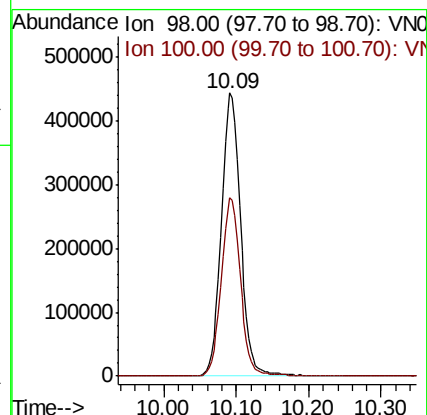
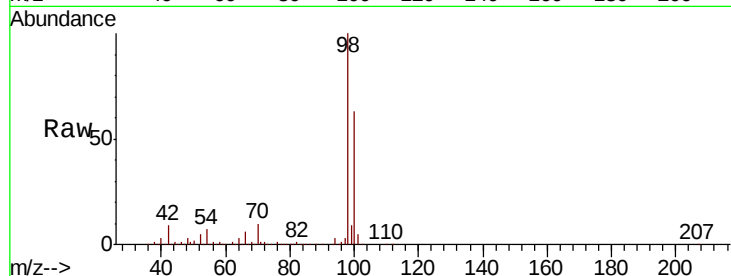
PB112879ZHE#09

Tot Ion: 98 Resp: 818586

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.65 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051228.D

Acq: 15 Sep 2018 17:33

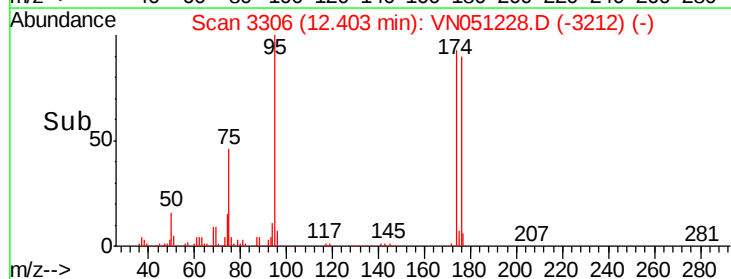
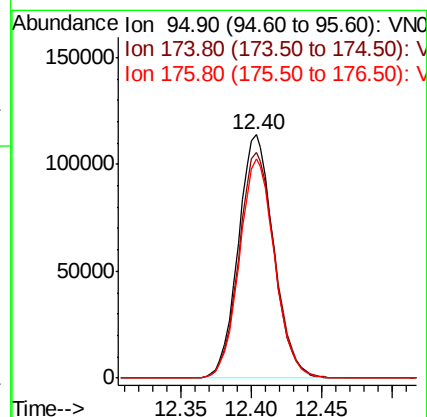
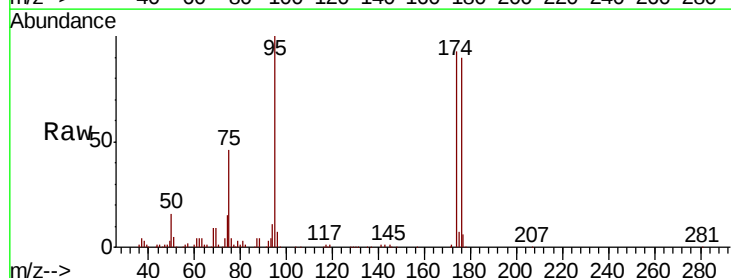
Tgt Ion: 95 Resp: 199280

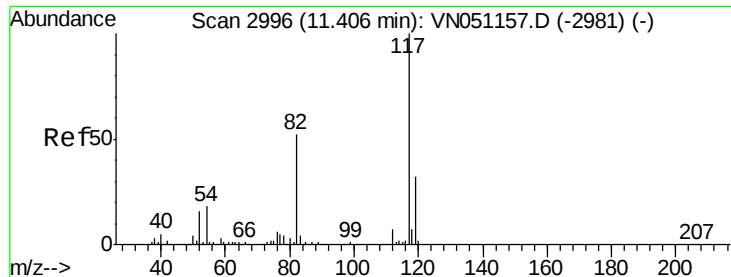
Ion Ratio Lower Upper

95 100

174 94.6 0.0 184.8

176 90.0 0.0 178.6

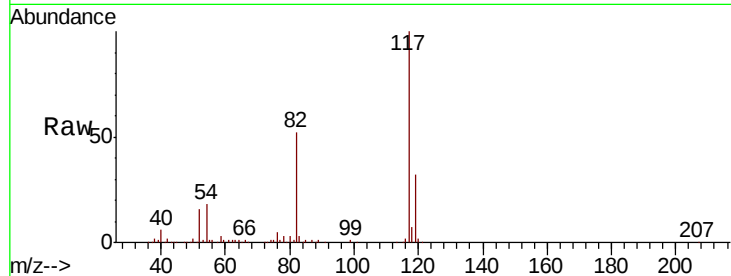




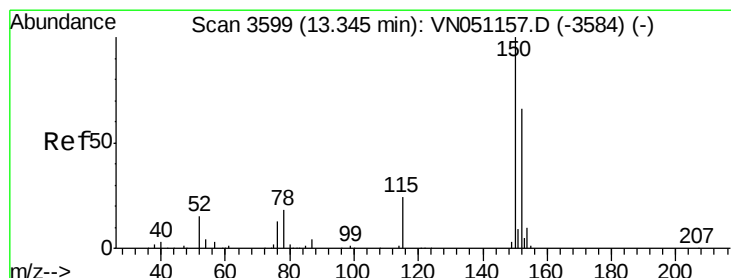
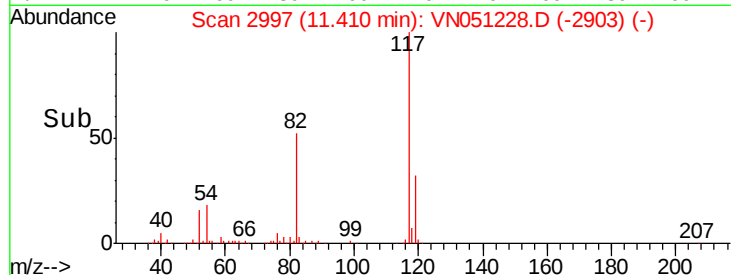
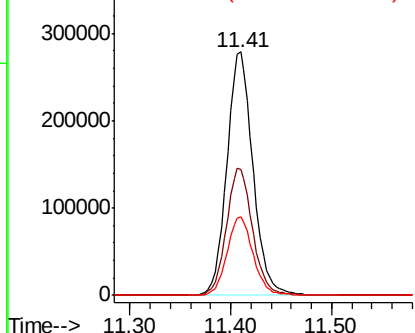
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051228.D
Acq: 15 Sep 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#09

Tot Ion:117 Resp: 502872
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.6
119 32.3 26.2 39.2

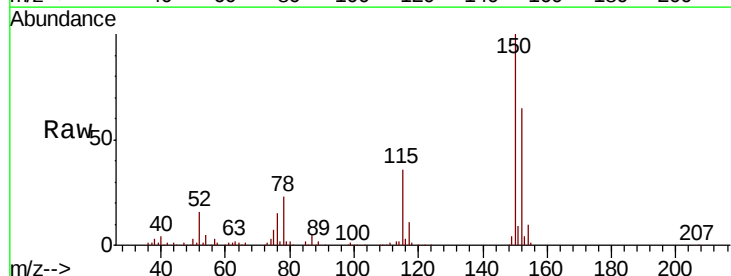


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051228.D
Acq: 15 Sep 2018 17:33

Tgt Ion:152 Resp: 135541
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 156.2 0.0 349.0



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

