

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051220.D
 Acq On : 15 Sep 2018 14:16
 Operator : MD\SY
 Sample : PB112879ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#01

Quant Time: Sep 17 03:18:29 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	427264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	643236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	520311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	136640	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	228163	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.98%		
35) Dibromofluoromethane	7.59	113	244204	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.04%		
50) Toluene-d8	10.09	98	833548	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.90%		
62) 4-Bromofluorobenzene	12.40	95	207143	34.14	ug/l	0.00
Spiked Amount 50.000			Recovery =	68.28%		

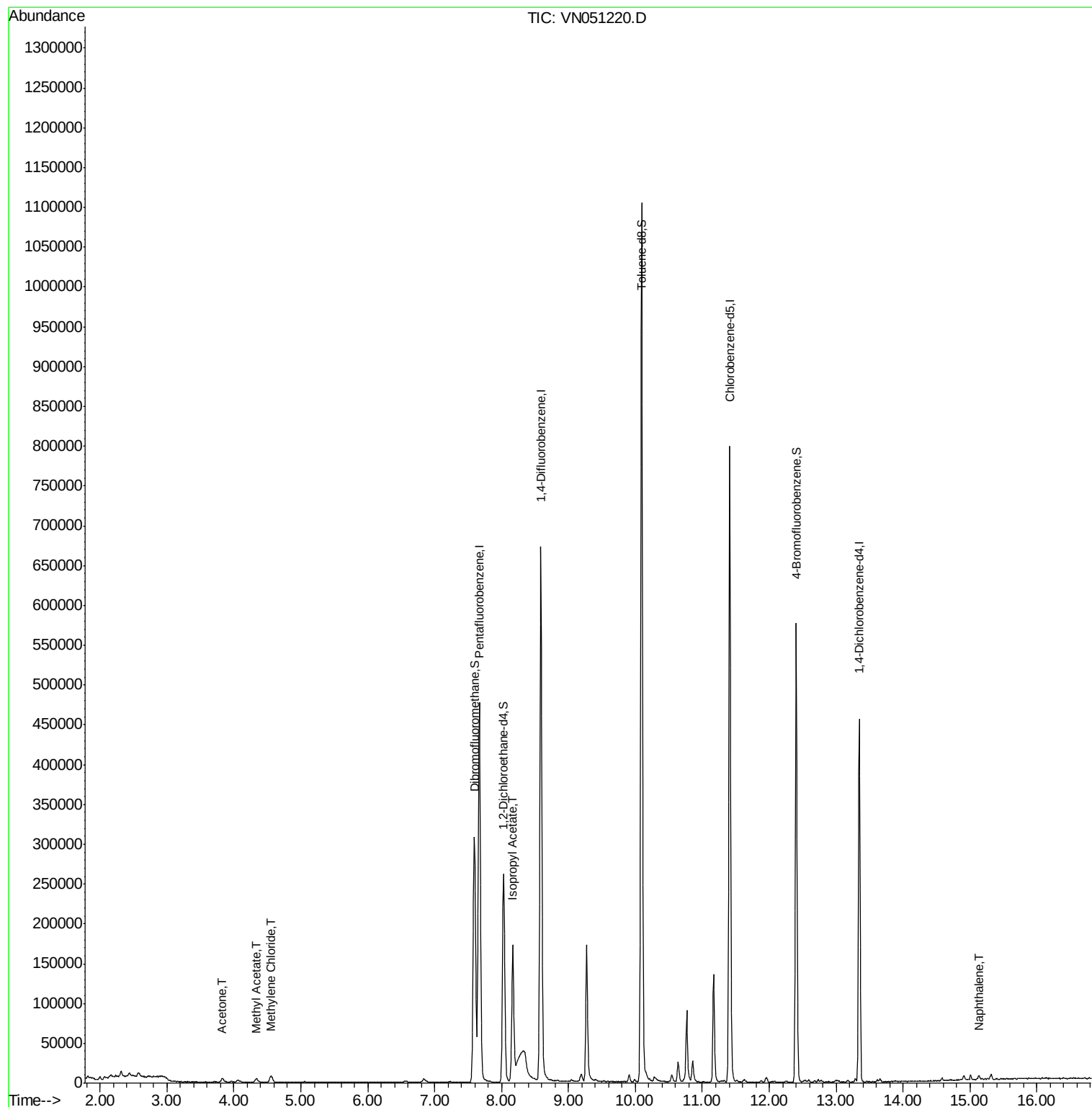
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	9380	2.19	ug/l	96
18) Methyl Acetate	4.34	43	9148	2.40	ug/l	98
20) Methylene Chloride	4.56	84	6281	1.20	ug/l	98
43) Isopropyl Acetate	8.17	43	196230	27.19	ug/l #	88
95) Naphthalene	15.13	128	5680	6.33	ug/l #	92

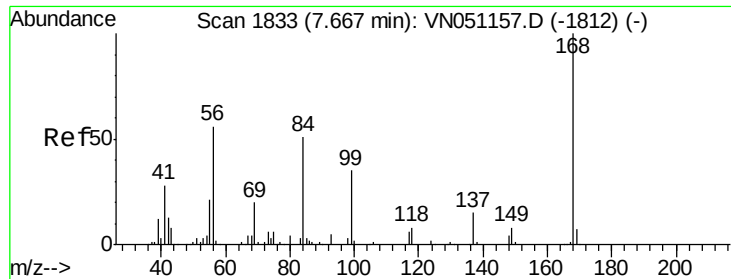
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

ClientSampleId :

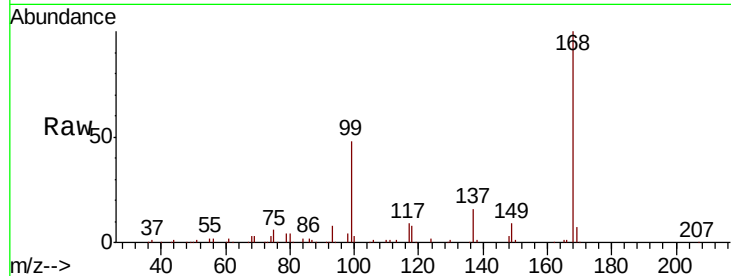
PB112879ZHE#01

Tot Ion:168 Resp: 427264

Ion Ratio Lower Upper

168 100

99 47.7 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

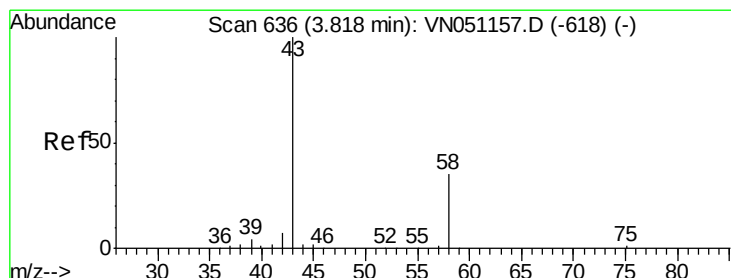
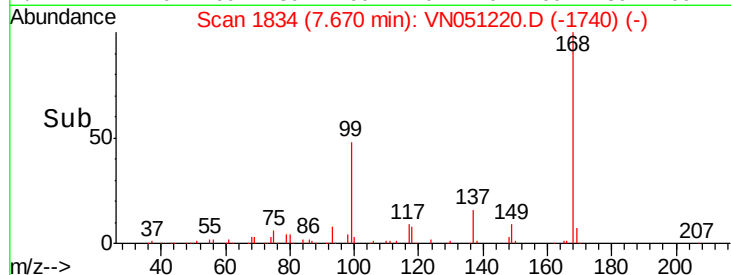
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.19 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051220.D

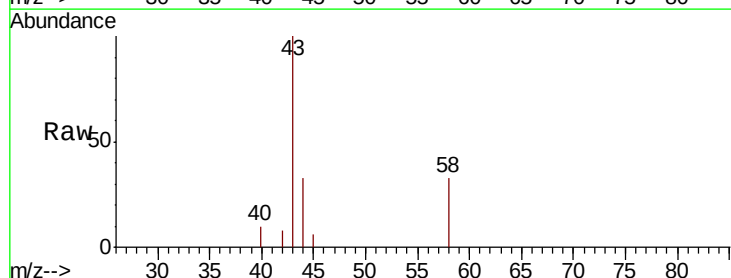
Acq: 15 Sep 2018 14:16

Tgt Ion: 43 Resp: 9380

Ion Ratio Lower Upper

43 100

58 32.6 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

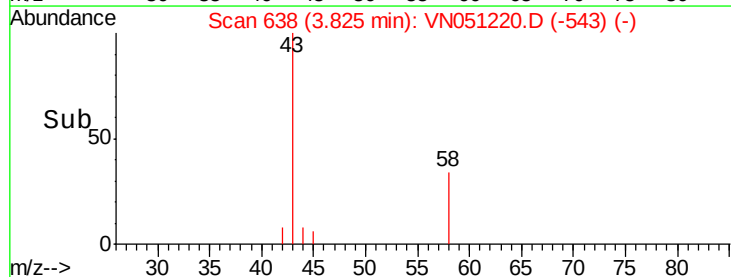
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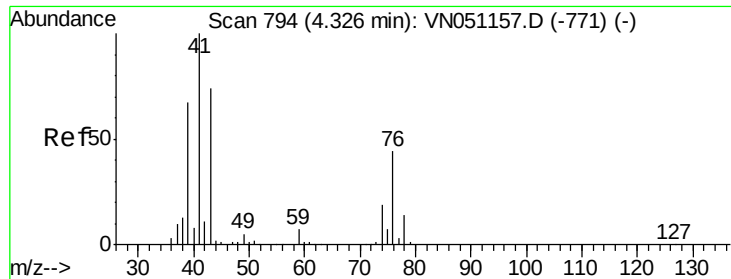
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1000

0

Time-->

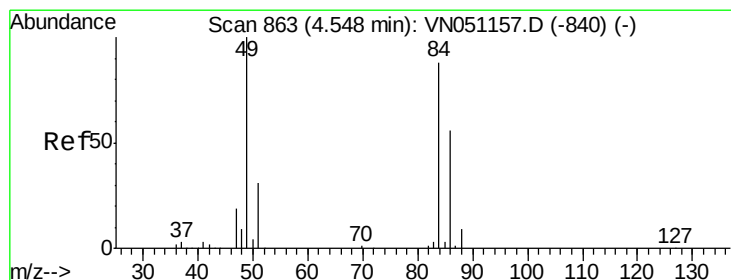
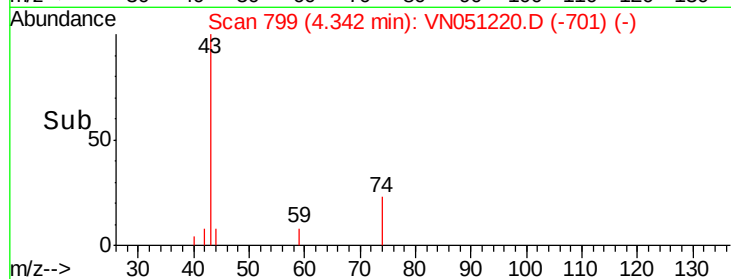
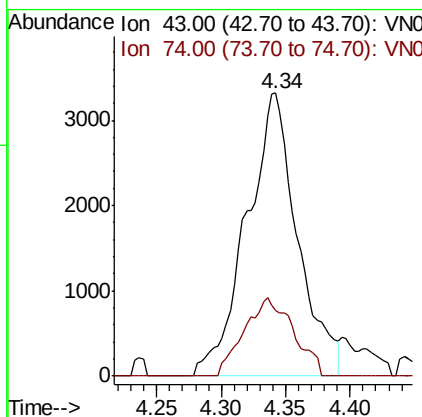
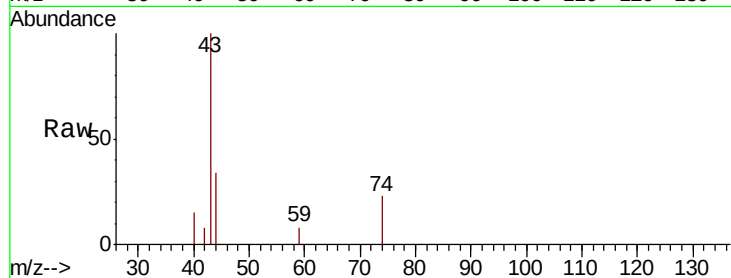




#18
Methyl Acetate
Concen: 2.40 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

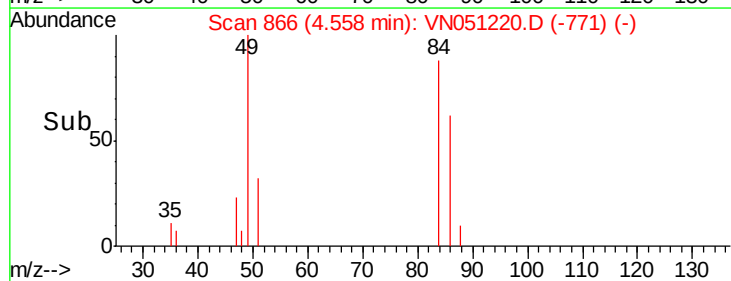
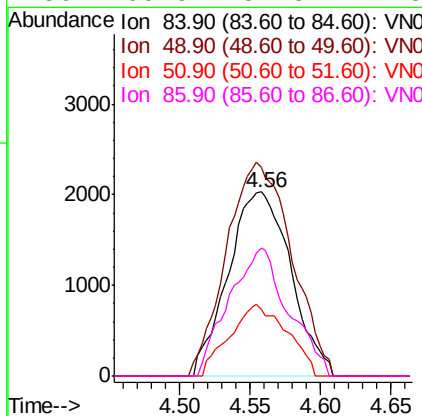
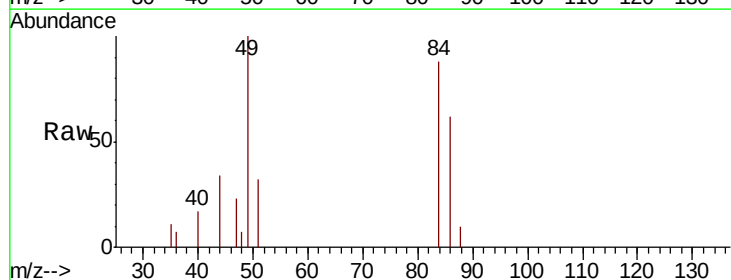
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#01

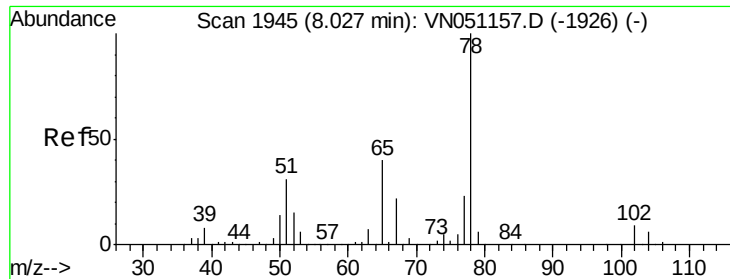
Tot Ion: 43 Resp: 9148
Ion Ratio Lower Upper
43 100
74 26.7 20.7 31.1



#20
Methylene Chloride
Concen: 1.20 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

Tgt Ion: 84 Resp: 6281
Ion Ratio Lower Upper
84 100
49 113.3 90.2 135.2
51 36.0 28.4 42.6
86 69.9 51.8 77.8

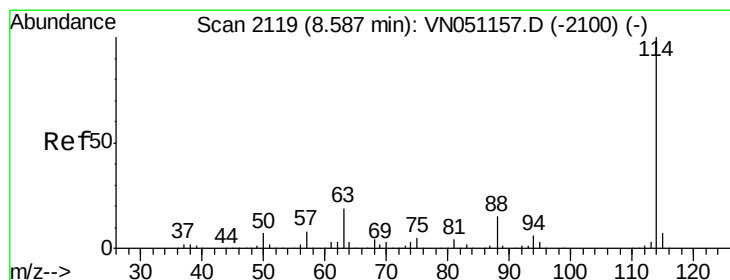
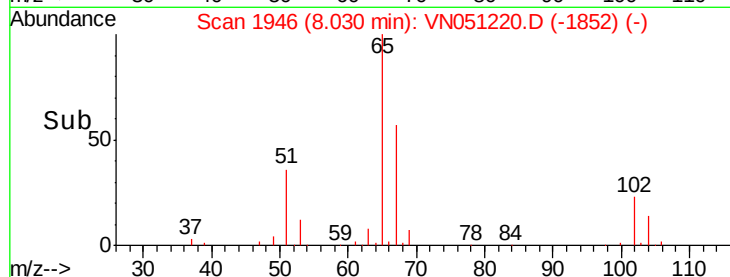
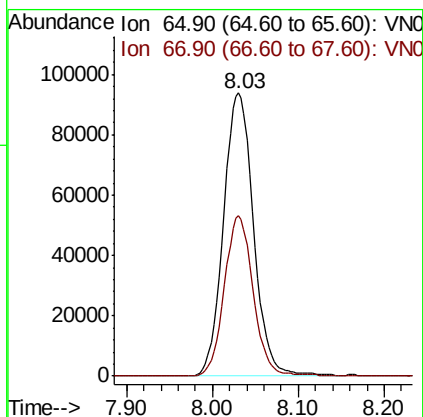
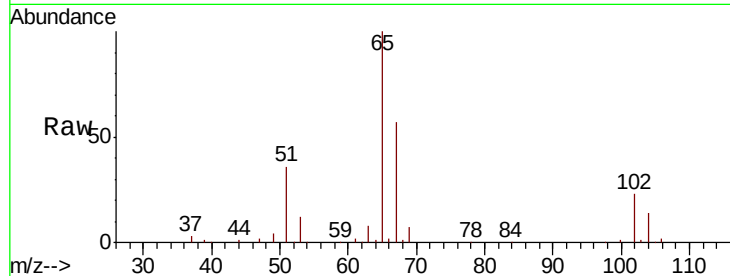




#33
 1,2-Dichloroethane-d4
 Concen: 47.99 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

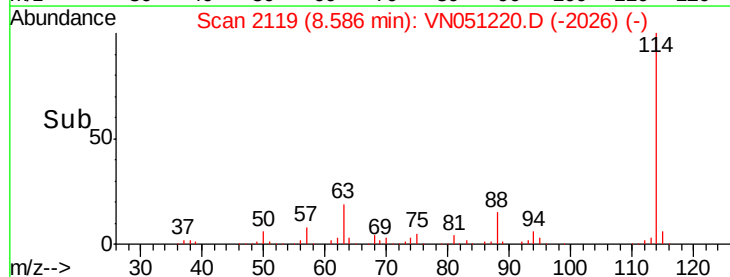
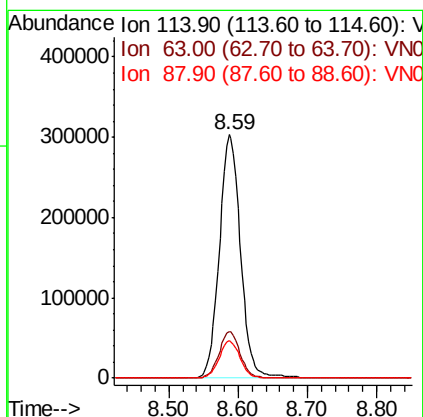
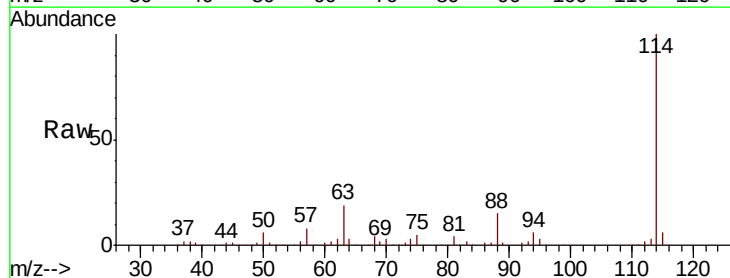
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#01

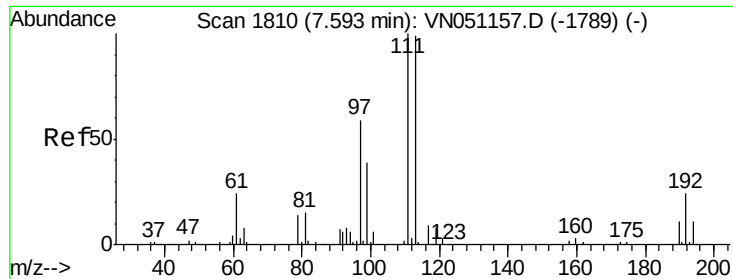
Tot Ion: 65 Resp: 228163
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

Tgt Ion: 114 Resp: 643236
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.8
 88 15.3 0.0 30.8

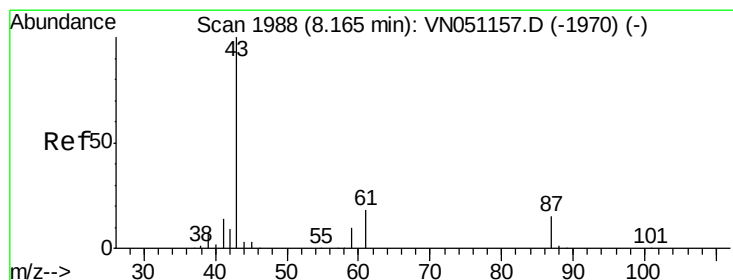
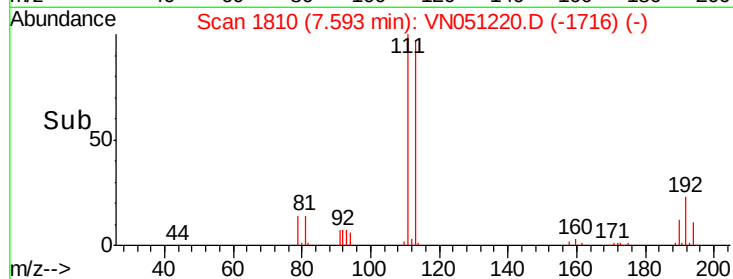
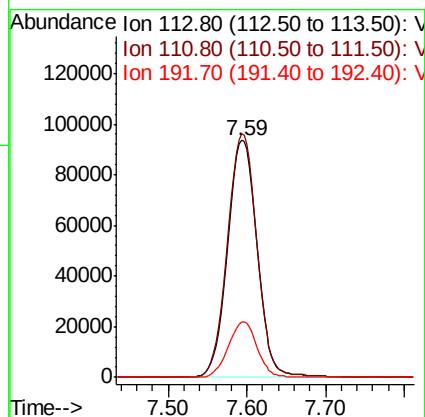
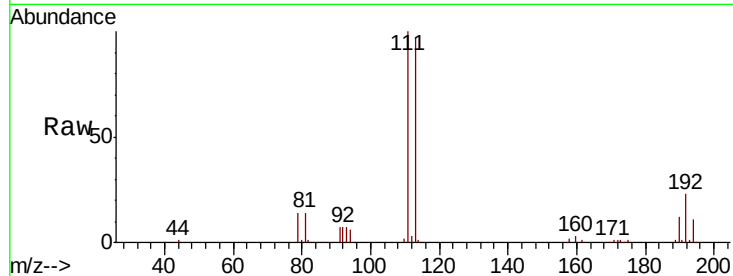




#35
 Dibromofluoromethane
 Concen: 50.52 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

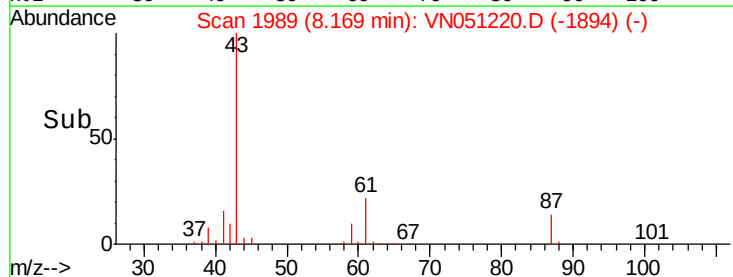
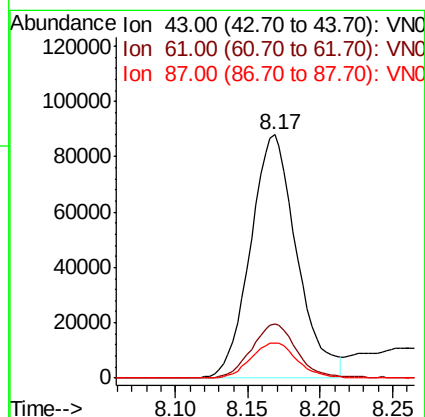
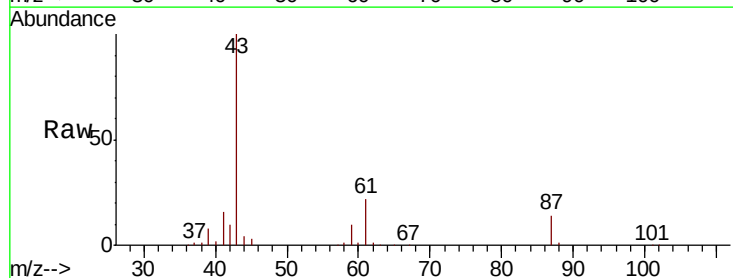
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#01

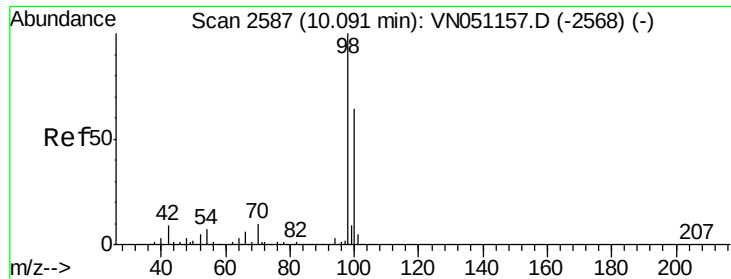
Tot Ion:113 Resp: 244204
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.0 124.6
 192 22.7 18.7 28.1



#43
 Isopropyl Acetate
 Concen: 27.19 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

Tgt Ion: 43 Resp: 196230
 Ion Ratio Lower Upper
 43 100
 61 21.7 25.0 37.6#
 87 14.6 11.8 17.8





#50

Toluene-d8

Concen: 45.45 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

ClientSampleId :

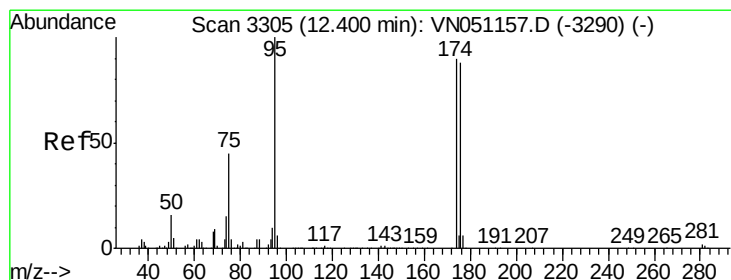
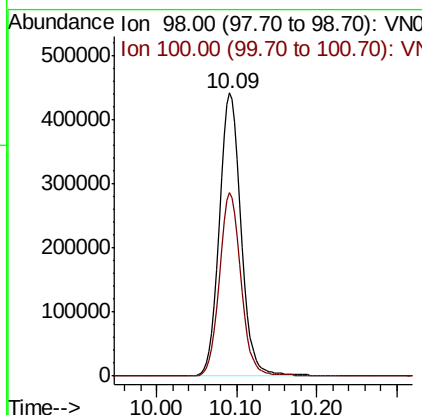
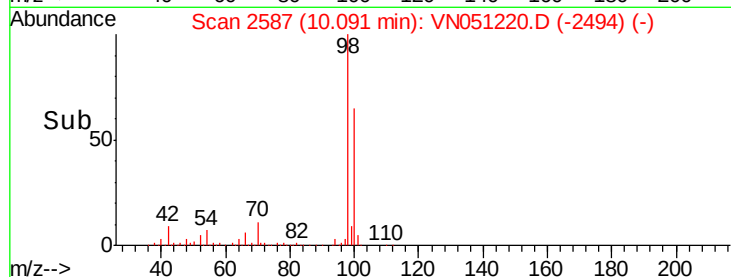
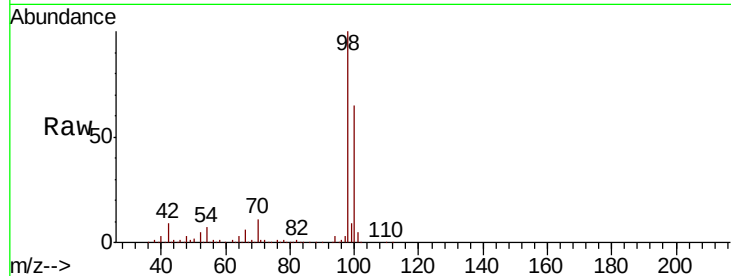
PB112879ZHE#01

Tot Ion: 98 Resp: 833548

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.14 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

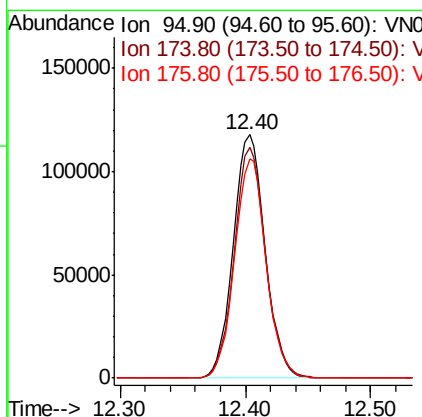
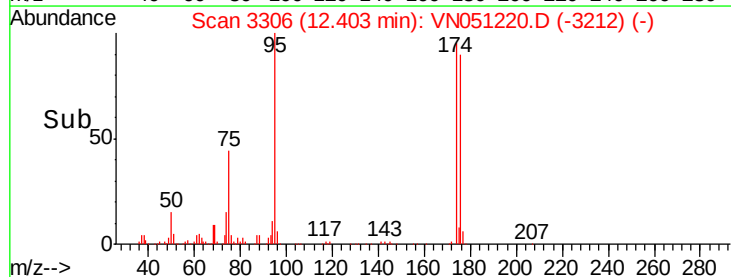
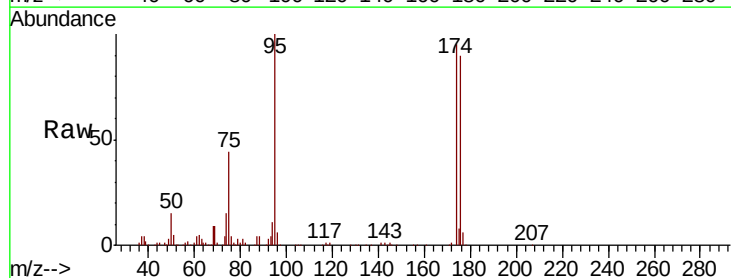
Tgt Ion: 95 Resp: 207143

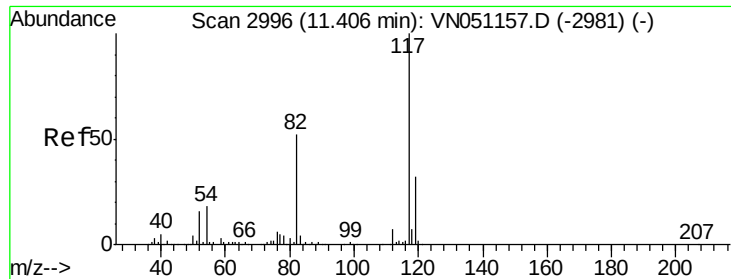
Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.8

176 89.4 0.0 178.6

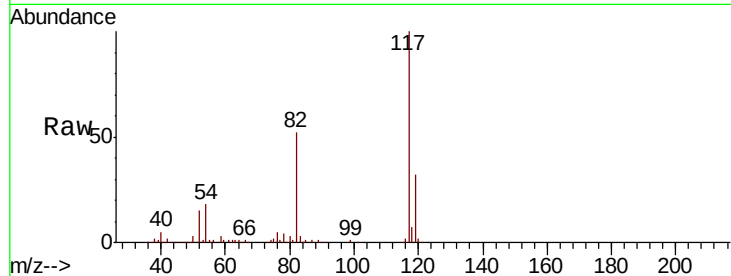




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.6
119	31.8	26.2	39.2

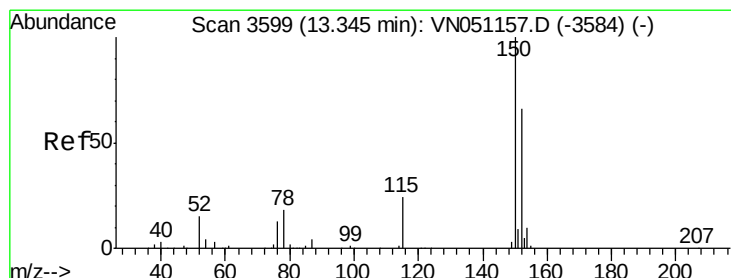
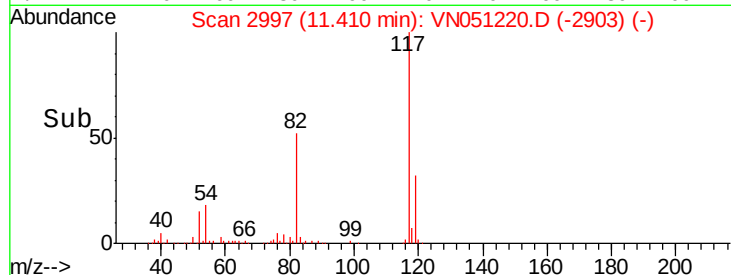
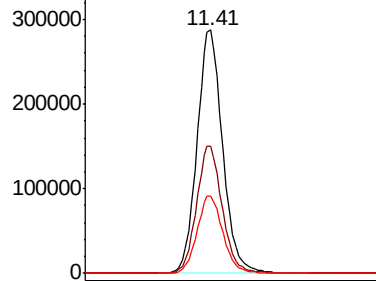


Abundance

Ion 116.90 (116.60 to 117.60): V

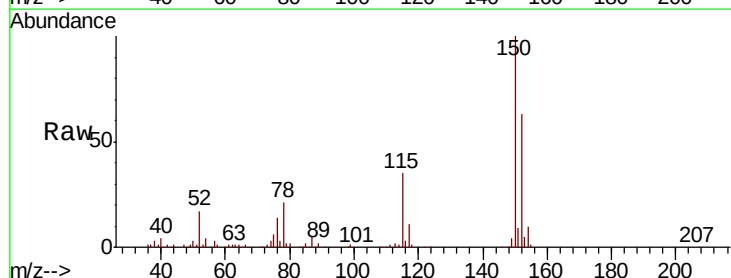
Ion 82.00 (81.70 to 82.70): V

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: VN051220.D
Acq: 15 Sep 2018 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	28.2	84.7
150	157.8	0.0	349.0

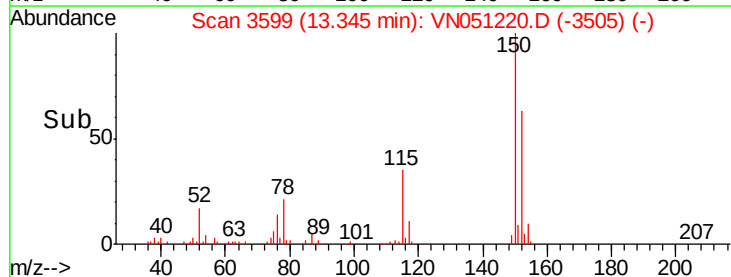
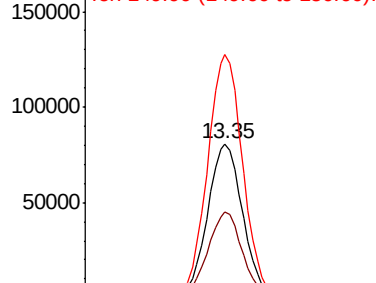


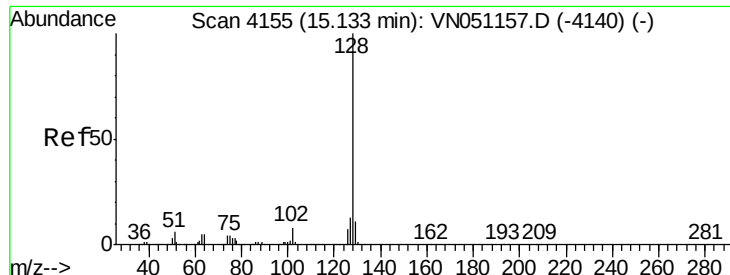
Abundance

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





#95

Naphthalene

Concen: 6.33 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

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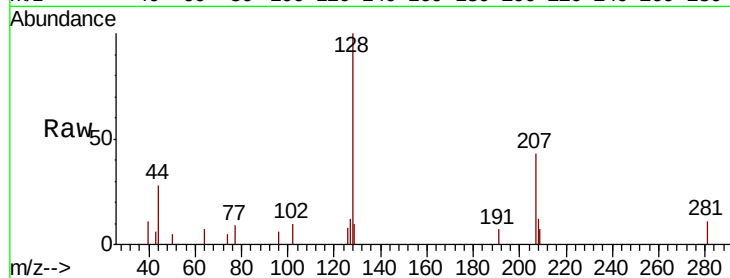
Tot Ion:128 Resp: 5680

Ion Ratio Lower Upper

128 100

127 7.4 10.6 15.8#

129 10.6 8.6 12.8



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

